



# S17

**SOLUTIONS 17**  
**BUYERS GUIDE**  
EFFECTIVE 1<sup>st</sup> JUNE 2024



# Welcome

We are a leading design and manufacturer of quality internal and external lighting solutions for commercial, industrial, retail, emergency and architectural applications.

For the past 20 years, our unwavering commitment to innovation and quality has been acknowledged with over 40 prestigious awards, solidifying our leadership in the industry. These accolades not only celebrate our pioneering products that set new standards but also highlight our customer-centric approach, showcasing our dedication to exceptional experiences. Our legacy of excellence and recognition underscores our continuous drive to redefine possibilities and build lasting connections.

## Our Promise

Commitment to in-house design innovation, continuous investment in technology and infrastructure, and focus on product quality and reliability, is complemented by our dedication to deliver outstanding customer service and expert after-sales technical support.

In June 2023, we were honored with the prestigious King's Award for Enterprise for our patented Panel Pod product, a testament to our ongoing commitment to cutting-edge innovation.

Furthering our global reach, July 2023 saw the expansion of our Ansell operation into over **20 countries across the globe**. This marks a significant milestone in our dedication to providing exceptional products and services on a global scale. These recent achievements solidify our position as a leader in the industry.



**Headquarters**  
Osaka, Japan

In 2014 Ansell Lighting was bought by **Endo Lighting Corporation of Japan**, as part of its global business expansion. The combination of Endo's reputation, LED expertise, R&D facilities and manufacturing capabilities have allowed Ansell to continue to go from strength to strength, achieving significant year-on-year growth.

# Designed to Deliver

Ansell Lighting has become a byword for innovation, quality and unparalleled customer service in the wholesale and specification markets we supply.

Our customers come back to us time and again because they are confident they will get the products they want, when they want them. This includes next-day delivery and same-day collection as standard.

The Ansell Lighting design team employs comprehensive product knowledge, technical experience and creative talent to deliver the perfect solution for interior and exterior project applications every time.

We combine technical superiority with functional simplicity to make our products the 'professionals' choice'. We factor in the knowledge and experience of electrical contractors at the development stage to ensure that installation, wiring, maintenance and servicing of our products is swift and easy.

As an LIAQA-assured company and a member of the Lighting Industry Association (LIA), Ansell Lighting was proud to receive the coveted LIAQA award for our commitment to quality in 2019.



**Design**



**Testing**



**Manufacture**



**Assembly**

For more information visit our website  
**[www.ansell-lighting.com](http://www.ansell-lighting.com)**

# Our Lighting Design Service

Embark on a streamlined lighting design journey with our in-house service. Our fully **LIA qualified** team engages in detailed conversations to understand your lighting needs, delivering a comprehensive proposal with design concepts, recommended products, and estimated costs. We provide transparent communication and support throughout installation, with a post-installation follow-up from our Area Sales Manager.

From planning to 3D rendering, our commitment extends to providing product and lighting control solutions, concluding with dedicated post-installation support. Trust us to bring knowledge, creativity, and a genuine commitment to delivering on your brief for a transformative lighting experience.

**We use...**

**RELUX<sup>®</sup> DIALux evo**

and we are **accredited by**



ACCREDITED  
SUPPLIER

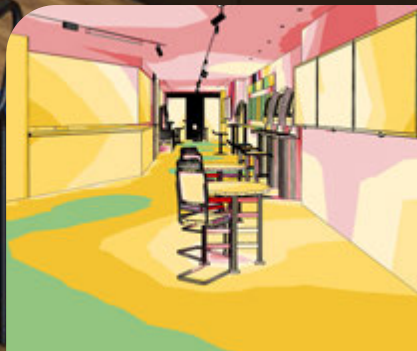




# From concept...



to plan...

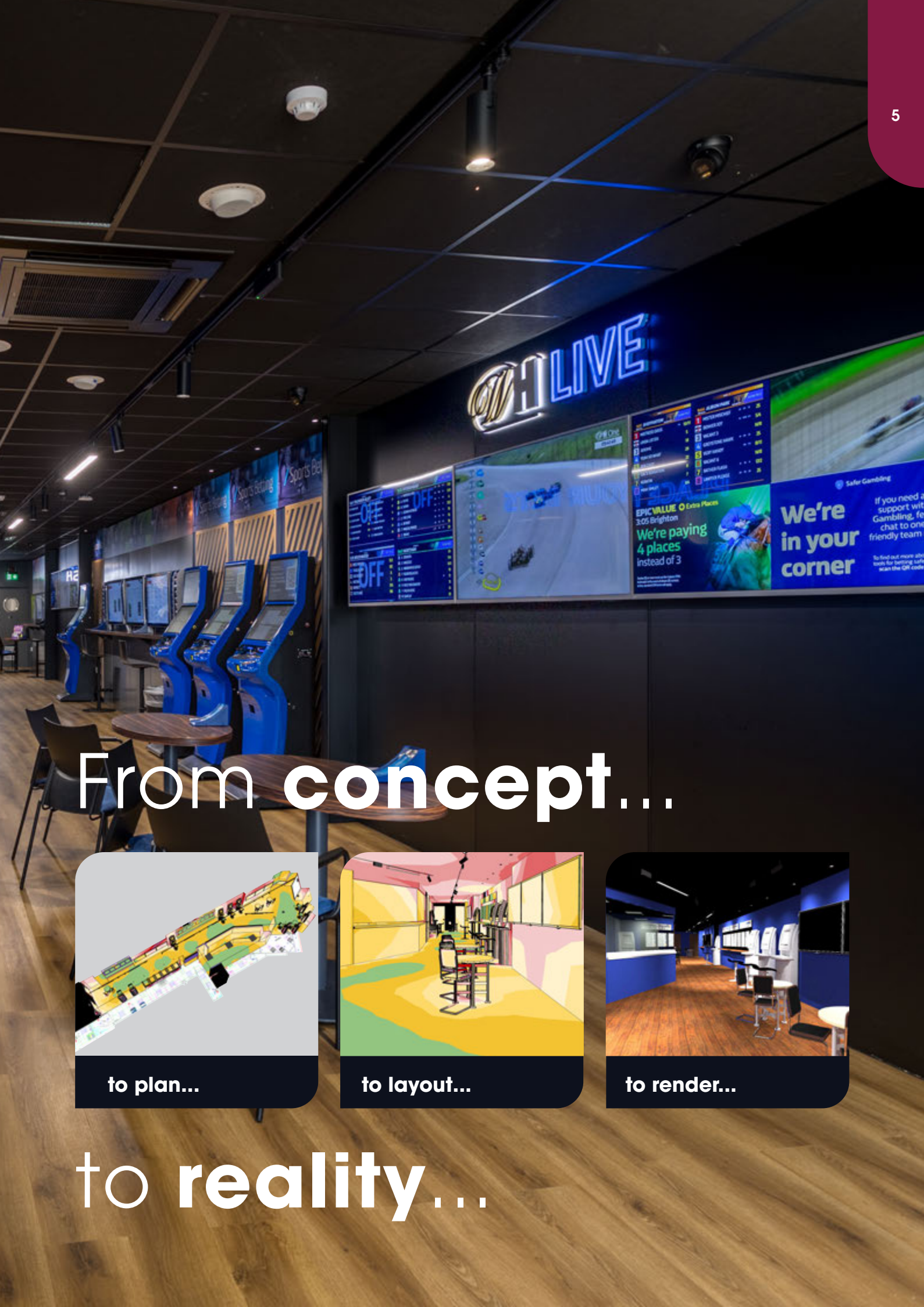


to layout...



to render...

# to reality...





# Visit our Showrooms

**Warrington**



**Dublin**



**Belfast**



**Madrid**

Ansell Lighting has state of the art showrooms in Warrington, Belfast, Dublin and Madrid to showcase our products in a professional, modern 'living' environment. Accessible to our wholesale customers, contractors, architects and consultants, a visit to our expansive showrooms will help you gain real insight into our luminaires and find out more about the lighting design services we offer.

## Book an Appointment

To book an appointment at our Ansell Lighting showrooms, please contact us at:

**marketing@anselluk.com** or **info@anselles.com** for our Madrid Lighting Showroom.

**A**WESOME

Ansell ► INSTALLER

7



# #Awesome Ansell Installers

We are proud of our award-winning products and love to see how Ansell Lighting luminaires and lighting systems have helped bring your project to life. If you share images of your project on social media, please tag us in. We have got great prizes to give away each month so if you use the hashtag #awesomeansell you will also be in line for a free Ansell Lighting gift.

## Tag our social channels



**Connect with**  
Ansell Lighting



**Follow**  
Ansell\_Lighting



**Like**  
Ansell Lighting







# Our Production Facilities

Our state-of-the-art production facilities allow us to produce up to an impressive 500 bespoke luminaire products daily. Our in-house well trained production operatives work diligently to ensure we provide the right product modifications you need to meet your project goals.

## Want more information?

If you have any specific queries on which product options we can cater for, as well as expected delivery times please contact our sales team at:

**[saleswarrington@anselluk.com](mailto:saleswarrington@anselluk.com)**





# ON-SITE WARRANTY

## UP TO 3 YEARS



**In the event of covered defect or malfunction Ansell will provide on-site repair or replacement service at no additional cost.** An Ansell approved contractor will travel to your premises and repair or replace a product on site, or you can use your own electrician and we will pay the contractor directly, subject to an approved estimate, terms and conditions apply.

Registration is easy and can be completed within three months of the product being purchased.

Proof of purchase from wholesaler will be required. Simply scan this QR code to take you direct to our registration page...alternatively visit [ansell-lighting.com/en/product-warranty](https://ansell-lighting.com/en/product-warranty)



# Our Case Studies

## Falkland House School

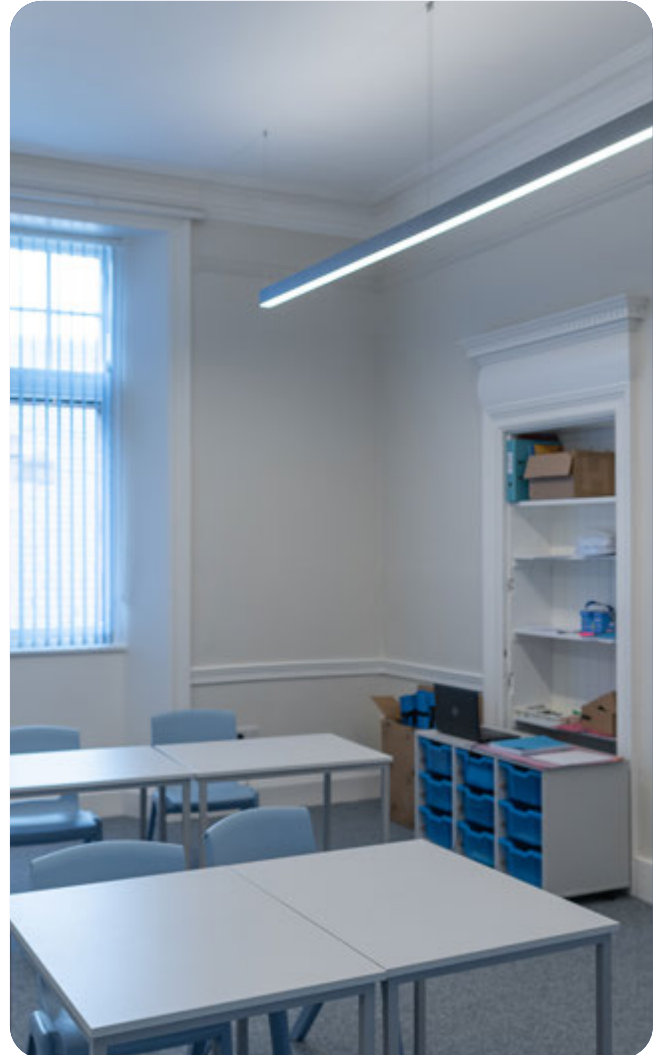
In close collaboration, the lighting team at Ansell Lighting and the controls team at Tridonic were able to design a lighting solution and lighting control system which perfectly accommodated all of the client's specific expectations and requirements.

### The Challenge

The challenge of the project was with Falkland House School having been originally built during the 1860s, any replacement lighting system and associated lighting control system had to seamlessly blend the functionality of the modern requirements for illumination, whilst endeavouring to minimise on-site energy usage and maintain conservation, alongside considering the unique sensitivity of the building's heritage and standing within the local community.

### The Solution

Ansell Lighting and Tridonic collaborated for a tailored lighting solution at Using Vasco CCT Bi-Directional Suspended Linear luminaires and Tridonic's control system, the project met client needs for a residential school. Selected luminaires, including Vasco, Vision Mini, Magna, and Eclipse Multi-LED CCT, demonstrated top-notch performance. Tridonic's mesh system allowed centralised control, enhancing efficiency.



### The Result

With advanced luminaires and centralised control, the project boosted efficiency and catered to residential school requirements. This success sets the stage for future upgrades, promising lasting benefits for students and staff.



# Lighting the Way

## British Airways HQ

British Airways, nestled in the vibrant hub of Waterside, Harmondsworth, recognised a pivotal need within its headquarters—a transformative lighting upgrade. With a vision to modernise, enhance functionality, and elevate energy efficiency, the airline aimed to redefine brilliance within its workspace



### The Challenge

British Airways upgraded lighting due to inefficiencies and high costs tied to outdated fluorescent T8 lights. The move aimed to cut energy expenses, address maintenance issues, achieve controllability in a large office, and maintain a modern, appealing environment in line with the brand image.

### The Solution

Facing challenges, British Airways revamped lighting with Ansell Lighting's Pace Backlit Panels and Comfort EVO series, chosen for superior illumination, energy efficiency, and modern design. Panels were strategically placed for uniform light, while Comfort EVO offered adjustable settings. The implementation, done in collaboration with facilities management and lighting experts, ensured a seamless transition with meticulous planning and safety adherence to minimise disruptions.

### The Result

British Airways upgraded headquarters lighting for improved functionality, cost savings, controllability, and a modern aesthetic. Partnering with Ansell Lighting reflects their commitment to an efficient, visually appealing workspace, aligning with sustainability goals.



# Lighting Retail Brilliance

## Rufford's Country Lifestyle

Welcome to the illuminating journey of Rufford's Country Lifestyle, a family-owned haven nestled in Lancashire, serving its community with the finest country clothing. Faced with the dual challenge of outdated lighting and soaring energy costs, Rufford's sought a transformative solution, addressing the need for enhanced visual appeal and energy efficiency.

### The Challenge

Rufford's Country Lifestyle faced a dual challenge of outdated lighting fixtures casting a dull light on the retail space and high energy costs. The outdated lighting not only diminished the visual appeal of the store but also resulted in significant operational expenses.

### The Solution

To address both issues simultaneously, Rufford's sought a comprehensive lighting upgrade. The chosen solution included the installation of the Primo Single Circuit Track system and the Freska range of ultra-slim LED Downlights. These modern, energy-efficient fixtures were designed to enhance the store's ambiance, create visual comfort, and strategically highlight different areas within the retail space.



### The Result

The lighting upgrade at Rufford's exceeded expectations, enhancing the shopping experience with modern aesthetics and improved visibility. Energy-efficient LED fixtures achieved a 35% reduction in energy consumption, aligning with sustainability goals and providing significant cost savings. This successful collaboration revitalised Rufford's Country Lifestyle, creating a radiant and cost-effective retail haven.

# Pitch-Perfect Illumination

## Blackburn Rovers FC

Blackburn Rovers Football Club, a renowned Lancashire-based team in the EFL Championship playing at Ewood Park since 1890, prioritises player performance. To enhance their training environment, they've decided to upgrade the lighting system at their training ground.



### The Challenge

The football club needed a lighting solution that would provide consistent and efficient illumination for various training activities. Additionally, the solution required versatility and high performance while maintaining visual comfort for both players and coaching staff.

### The Solution

The Pace Plus LED Panel, renowned for its efficiency of upto 180lm/W was chosen to address lighting challenges at the training ground. The multi-wattage feature allows varied illumination levels while maintaining uniformity, crucial for player focus during intense training sessions. With a CRI of Ra 80 and a lifetime of 50,000 hours, the Pace Plus LED Panel optimally solves the lighting requirements for diverse internal spaces at the training ground.

### The Result

The Pace Plus 600x600 Multi-Wattage LED Panels have fulfilled the training ground lighting requirements, delivering outstanding illumination for diverse training activities, enhancing player performance whilst lowering energy consumption.





# Easy Search Icon Guide



Suitable for  
internal use only



Suitable for  
external use only



Suitable for both  
internal and  
external use



Fire Rated  
Downlights



Part C Moisture  
Protection



Part E Acoustic  
Resistance



Part L Energy  
Efficiency



Product Warranty  
as shown



iCage Lifetime  
Guarantee



Battery Warranty  
as shown



Bathroom Zone 1  
BSEN7671:2008  
Full details see p552



Bathroom Zone 2  
BSEN7671:2008  
Full details see p552



Self-Test  
Emergency



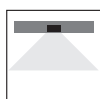
Self-Test  
Emergency Option



LED Energy Saving  
Lamp Options



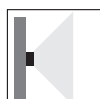
Energy Saving  
Lamp Options



Recessed  
Mounting



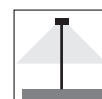
Surface  
Mounting



Wall  
Mounting



Floor  
Mounting



Pole  
Mounting



Suspended  
Mounting



OCTO  
Embedded  
  
Connected by  
**WIZ**

OCTO Embedded  
WIZ Connected  
Full details see p26



OCTO  
Compatible  
  
Connected by  
**WIZ**

OCTO Compatible  
WIZ Connected  
Full details see p26



OCTO  
Embedded  
  
Powered by  
**CASAMBI**

OCTO Embedded  
Powered by Casambi  
Full details see p27



OCTO  
Option  
Available  
  
Powered by  
**CASAMBI**

OCTO Options  
Available  
Full details see p27



OCTO  
Compatible  
  
Powered by  
**CASAMBI**

OCTO Compatible  
Powered by Casambi  
Full details see p27



Selectable Colour  
temperature via  
manual switch



Tunable White  
selectable colour  
temperature



RGB and Tunable  
White selectable  
colour temperature



Voice Control



Bluetooth Enabled



WiFi Enabled

# Contents

## Introduction

p1 - p1

## Smart Lighting

p22 - p85

## Track Lighting

p158 - p177

## LED Strip

p182 - p231

## Wall Lights

p238 - p291

## Bollards

p326 - p345

## Floodlights

p368 - p391

## High Low Bay

p402 - p415

## Commercial Linear

p428 - p455

## Healthcare

p494 - p503

## AFIX

p548 - p551

## Product Indices

p566 - p582

## New Product Overview

p16 - p21

## Downlights

p86 - p157

## Pendants

p178 - p181

## Undercabinet and Bathroom

p232 - p237

## Bulkheads

p292 - p325

## Feature Lighting

p346 - p367

## Streetlights

p392 - p401

## Battens and Weatherproofs

p416 - p427

## Commercial Modular

p456 - p493

## Emergency

p504 - p547

## Technical Information

p552 - p565

## Terms & Conditions

p583 - p588

# New Product Overview

## Downlights

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Unity GC Pro  
Adjustable



Comfort EVO Surface

## Track Lighting

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Primo Single Circuit  
Track Accessories



Primo Three Circuit  
Track Accessories



Primo Libero Three  
Circuit Linear Track



## LED Strip



LED-CELL 24V Drivers

## Undercabinet



Matrix Linklight

## Wall Lights



Duo Midi



Doppio HP

## Bulkheads



Luna



Delta



Astro



Lynx

## Bollards



Taurus



Turlock



Mattone  
Brushed Chrome

## Feature Lighting

## Floodlights



Kamar OCTO

## Streetlights



Helix



Wolf Post Top

## High Low Bay



Z LED Performance



Z LED Linear Opti-X



Nouline

## Battens



## Commercial Modular

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NOW CCT AND  
POWER SELECTABLE

Pace 600x600



Pace 600x600 RGBW



NOW CCT AND  
POWER SELECTABLE

Juno

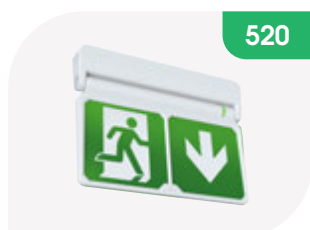
## Healthcare

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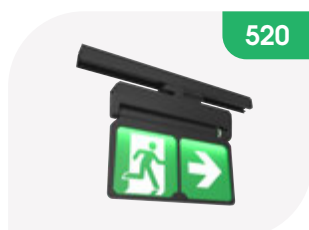


Hope Asymmetrical  
Linear

## Emergency



Adler Exit Sign  
DALI



Adler Exit Sign  
Track Adaptor



Raptor



Falcon Wall



Panel Pod PRO  
DALI



Hawk Highbay  
Emergency Pack

## Introducing AFIX

### Our Versatile Connector Range

From easy indoor installations to rugged outdoor solutions, we've got you covered. Find the perfect connector for your lighting project today.



AFIX  
Connectors



AFIX IP  
Straight Connectors  
and T-Junctions



AFIX IP  
Boxes



# Smart Lighting



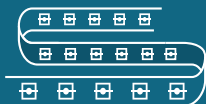
OCTO Connected by WIZ is the perfect solution for a residential or small-scale commercial smart lighting projects. From lamps to bollards, wall lights to bulkheads, these easy-to-use smart lighting fittings can be easily controlled through your smart phone or smart device, giving you complete control.

30



LAMPS

41



STRIP

42



DOWNLIGHTS

46



BULKHEADS

52



WALL LIGHTS

57



BOLLARD

58



FEATURE

60



CONTROLLERS

63



ACCESSORIES





OCTO

Powered by  
CASAMBI

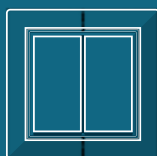
OCTO powered by Casambi is ideal for commercial and industrial properties for those looking for a professional level of control of their light fittings. Using a Bluetooth network it is easily commissioned and adaptable to the requirements of the building.

69



CONTROLLERS

76

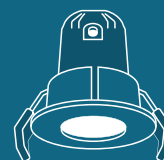


SWITCHES

82



ACCESSORIES



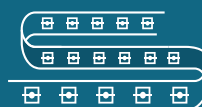
DOWNLIGHTS



TRACK LIGHTING



PENDANTS



LED STRIP



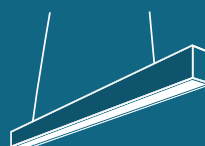
BULKHEADS



HIGH LOW BAY



WEATHERPROOF  
AND BATTENS



COMMERCIAL  
LINEARS



COMMERCIAL  
MODULARS

# SMART LIGHTING GENIUS

OCTO delivers the complete smart lighting package to transform the efficiency and ambience of commercial and residential spaces, with an easy-to-use wireless system that gives complete control of the luminaries via an intuitive app and smart accessories. Utilising Connected by WiZ, Casambi and OCTO Insights, OCTO offers a comprehensive range of features that interact flawlessly with your smart device.

## THE SOLUTION



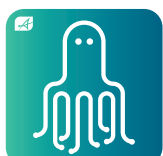
Please note that the various technologies we utilise as part of the OCTO solution may require more than one app or platform to operate them. Find out more about some of our 'integrating technologies' options using our '**OCTO Gateway**' (featured on p69)

# THE OCTO SOLUTION

Ranging from residential applications requiring voice control to commercial buildings that prioritise remote emergency reporting and energy saving, to a warehouse that requires space optimisation, predictive maintenance and efficiency dashboard data, OCTO offers a comprehensive range of intelligent and connected features.

With our continuous research, development and innovation, OCTO is constantly evolving to ensure we can offer revolutionary, forward-thinking solutions for all our customers.

## SMART LIGHTING GENIUS



OCTO

Connected by

**WIZ**

Let smart lighting  
**SET THE MOOD  
IN YOUR SPACE**



OCTO

Powered by  
**CASAMBI**

Optimise  
smart lighting  
**FOR YOUR  
BUSINESS**



OCTO

**ACCESS COMPLETE  
DATA ANALYTICS**  
and reporting



## CPD

We offer RIBA and Engineers Ireland accredited CPD training sessions. Learn about the fundamentals of smart lighting and how it can offer many benefits to a great number of applications. The CPD has been designed to provide guidance for professionals on the benefits of smart lighting and offers an understanding of the different technologies available.

Interested in  
**LEARNING MORE?**  
Get in touch here

[marketing@anselluk.com](mailto:marketing@anselluk.com)



# A GUIDE TO OUR OCTO PRODUCT LOGOS

We want to make choosing the right OCTO product a straightforward process, so we have introduced these logos on our product pages to help you pick the perfect solution for your smart lighting needs.



Connected by  
**WIZ**

OCTO Embedded  
WIZ Connected



**OCTO**  
Embedded

Connected by  
**WIZ**

These products have  
WIZ technology embedded  
and can be instantly paired

OCTO Compatible  
WIZ Connected



**OCTO**  
Compatible

Connected by  
**WIZ**

These products are compatible with an  
OCTO Connected by WIZ Product and can  
be converted into a smart product



OCTO™

Powered by  
**CASAMBI**

OCTO Embedded  
Powered by Casambi

OCTO Options  
available

OCTO Compatible  
Powered by Casambi



OCTO™  
Embedded

Powered by  
**CASAMBI**

These products have Casambi technology embedded and can be instantly paired



OCTO™  
Option  
Available

Powered by  
**CASAMBI**

These products have an option to add an OCTO driver converting it into a smart fitting



OCTO™  
Compatible

Powered by  
**CASAMBI**

These products are compatible with an OCTO. Powered by Casambi controller converting it into a smart fitting



# OCTO ENABLED WIZ CONNECTED

OCTO Connected by WIZ is the perfect solution for a residential or small-scale commercial smart lighting projects. Connects directly to your WiFi network using Bluetooth technology to support seamless pairing and take advantage of full voice control, with 16 million colours and 64,000 shades of white.

The WIZ app offers multi-user and multi-location options, making it suitable for both new and existing homes. The WIZ technology is built into the lighting fixtures meaning you can connect your existing WiFi network without needing additional hubs, bridges or additional wiring. Simply turn on, pair up and you're good to go.

Enjoy seamless pairing using WiFi and Bluetooth hybrid technology to support connecting to your WiFi router.

Select how you control your lights, with your smartphone, remote, motion sensors, existing wall switches or even your voice as options!

Control your lights when you are home or away.

Improve your wellbeing with Human Centric Lighting using the OCTO Connected by WIZ 'Circadian Rhythm', featuring pre-set smooth light transitions or personalise with the 'My Rhythm' features.

Utilise schedules to automate your OCTO Connected by WIZ lights to fit your daily routines and save energy costs.

Harness the power of other major connected ecosystems with easy integrations through the WIZ cloud. Protect your personal security via anonymous sign in and encrypted cloud connections.



## Preset Light Modes



## Preset Dynamic Light Modes



## Advanced Voice Control

Works seamlessly with voice assistants such as Hey Google, Amazon Alexa and Apple Siri Shortcuts



## Multiple Locations



Turn your lights on in your home from your office and vice versa. You can even control your WIZ locations from anywhere in the world. As long as you have got access to the WIZ Cloud (via WiFi or mobile data) you can do what you want to do with your lights – even when you are not physically there.

## No Hub Needed



No Additional Hub or Bridge Needed. Connect directly to your existing network via your WiFi router or Internet access point.

## Multiple Users



It has a powerful multi-user system function with three different access right tiers over multiple WIZ locations:

Owners can change settings and control the lights in all their WIZ locations – using internet connectivity or mobile data.

Guests can enjoy control over lights when they are on the same Wifi network as the OCTO Connected by WIZ home they want to control – but they will not be allowed to change any settings.

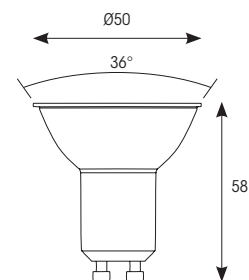
Temporary guests have the same permissions as ordinary guests but they will lose access after a certain time period that you get to set for them – each one can be different!

All product names, logos and brands are property of their respective owners. Amazon, Alexa and all related logos are trademarks of Amazon.com Inc or it's affiliates. Google Assistant, the Google Assistant logo, Google Play and the Google Play logo are trademarks of Google LLC. The Apple logo is a trademark of Apple Inc., registered in the U.S. and other countries and regions. App Store is a service mark of Apple Inc.

# OCTO GU10 Smart Lamp Connected by WiZ

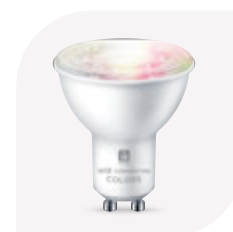


- Tunable white and RGB tunable white GU10 smart lamp suitable for residential and small-scale commercial applications
- WiFi enabled smart lamp, connects directly to your WiFi network using Bluetooth technology to support seamless pairing
- Commissioned via WiZ app
- Voice activated compatibility; offers hands-free controls
- Fully dimmable from 10% to 100%
- RGB and Tunable white for total colour and comfort (AOCTOW/GU10LED/RGBTW only)
- Tunable white between 2200K - 6500K
- Group, scene, holiday and timer settings achieved via WiZ app
- Suitable for any GU10 compatible product – Please check lamp size to ensure compatibility



OCTO  
Embedded

Connected by  
**WiZ**



RGBTW version

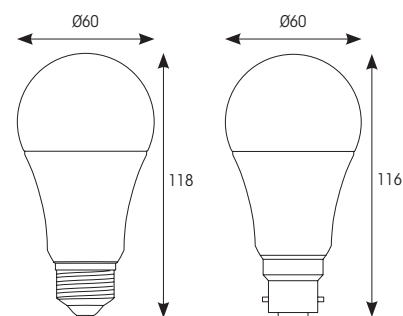
INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	BEAM ANGLE	IP
220/240V	50/60Hz	-20°C to 45°C	L70 15,000	90	36°	IP20

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS
AOCTOW/GU10LED/RGBTW	RGBTW	5W	2200K-6500K and RGB	350lm
AOCTOW/GU10LED/TW	Tunable White		2200K-6500K	

# OCTO A60 Smart Lamp Connected by WiZ



- Tunable white A60 smart lamp suitable for residential and small scale commercial applications
- WiFi enabled smart lamp, connects directly to your WiFi network using Bluetooth technology to support seamless pairing
- Commissioned via WiZ app
- Voice activated compatibility; offers hands-free controls
- Fully dimmable from 10% to 100%
- Tunable white between 2700K - 6500K
- E27 and B22 base options available
- Group, scene, holiday and timer settings achieved via WiZ app
- Suitable for indoor applications in dry rooms, professional use in public buildings and outdoor use in specially shielded luminaires



Connected by  
**WiZ**



B22 version

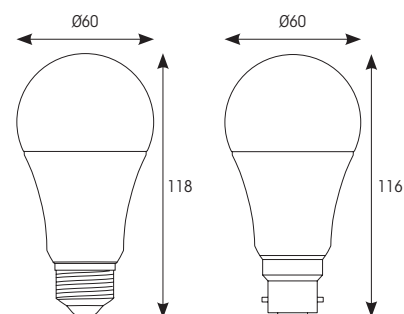
INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	IP
220/240V	50/60Hz	-20°C to 45°C	L70 25,000	90	IP20

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS
AOCTOW/A60LED/TW/B22	A60 - Tunable White - B22	8W	2700K-6500K	810lm
AOCTOW/A60LED/TW/E27	A60 - Tunable White - E27			

# OCTO A60 Smart Lamp Connected by WiZ



- RGB tunable white A60 smart lamp suitable for residential and small-scale commercial applications
- WiFi enabled smart lamp, connects directly to your WiFi network using Bluetooth technology to support seamless pairing
- Commissioned via WiZ app
- Voice activated compatibility; offers hands-free controls
- RGB and Tunable white for total colour and comfort
- Fully dimmable from 10% to 100%
- Group, scene, holiday and timer settings achieved via WiZ app
- Suitable for indoor applications in dry rooms, professional use in public buildings and outdoor use in specially shielded luminaires



Connected by  
**WiZ**



B22 version

INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	IP
220/240V	50/60Hz	-20°C to 45°C	L70 25,000	90	IP20

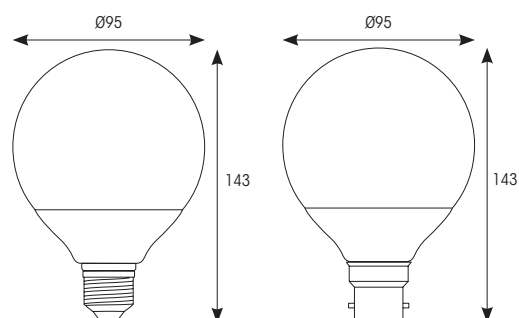
CODE	DESCRIPTION	WATTAGE	CCT	LUMENS
AOCTOW/A60LED/RGBTW/B22	A60 RGBTW - B22	8W	2700K-6500K and RGB	810lm
AOCTOW/A60LED/RGBTW/E27	A60 RGBTW - E27			



# OCTO G95 Smart Lamp Connected by WiZ



- RGB tunable white G95 smart lamp suitable for residential and small-scale commercial applications
- WiFi enabled smart lamp, connects directly to your WiFi network using Bluetooth technology to support seamless pairing
- Voice activated compatibility; offers hands-free controls
- RGB and Tunable white for total colour and comfort
- Fully dimmable from 10% to 100%
- Group, scene, holiday and timer settings achieved via WiZ app
- Suitable for indoor applications in dry rooms, professional use in public buildings and outdoor use in specially shielded luminaires



Connected by  
**WiZ**



B22 version

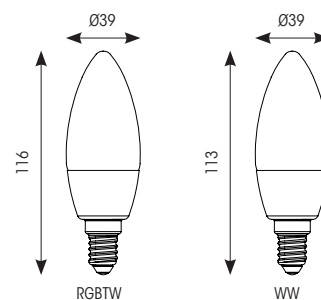
INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	IP
220/240V	50/60Hz	-20°C to 45°C	L70 25,000	90	IP20

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS
AOCTOW/G95LED/RGBTW/B22	G95 RGBTW - B22	11W	2200-6500K and RGB	1000lm
AOCTOW/G95LED/RGBTW/E27	G95 RGBTW - E27			

# OCTO C37 Smart Lamp Connected by WiZ



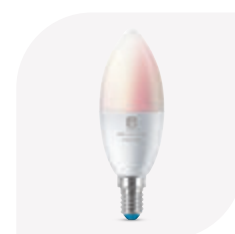
- Tunable white and RGB tunable white C37 smart lamp suitable for residential and small-scale commercial applications
- WiFi enabled smart lamp, connects directly to your WiFi network using Bluetooth technology to support seamless pairing
- Commissioned via WiZ app
- Voice activated compatibility; offers hands-free controls
- Fully dimmable from 10% to 100%
- Group, scene, holiday and timer settings achieved via WiZ app
- Suitable for indoor applications in dry rooms, professional use in public buildings and outdoor use in specially shielded luminaires



OCTO  
Embedded

Connected by

WiZ



RGBTW version

INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	IP
220/240V	50/60Hz	-20°C to 45°C	L70 15,000	90	IP20

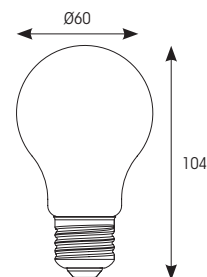
  

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS
AOCTOW/C37/RGBTW/E14	C37 RGBTW - E14	5W	2200 - 6500K and RGB	470lm
AOCTOW/C37/WW/E14	C37 Warm White - E14		2700K	

# OCTO A60 Frosted Smart Lamp Connected by WiZ



- Tunable White A60 smart lamp suitable for residential and small-scale commercial applications
- WiFi enabled smart lamp, connects directly to your WiFi network using Bluetooth technology to support seamless pairing
- Commissioned via WiZ app
- Voice activated compatibility; offers hands-free controls
- A60 is comparable with 60W incandescent lamp
- Fully dimmable from 10% to 100%
- Tunable white between 2700K - 6500K
- Group, scene, holiday and timer settings achieved via WiZ app
- Suitable for indoor applications in dry rooms, professional use in public buildings and outdoor use in specially shielded luminaires



OCTO  
Embedded

Connected by  
**WiZ**



INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	IP
220/240V	50/60Hz	-20°C to 45°C	L70 15,000	90	IP20

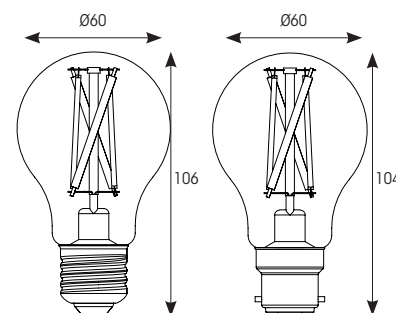
CODE	DESCRIPTION	WATTAGE	CCT	LUMENS
AOCTOW/A60/TW/FR/E27	A60 - Tunable White - E27	7W	2700K-6500K	810lm



# OCTO A60 Smart Filament Lamp Connected by WiZ



- Tunable white A60 smart filament lamp suitable for residential and small-scale commercial applications
- WiFi enabled smart lamp, connects directly to your WiFi network using Bluetooth technology to support seamless pairing
- Commissioned via WiZ app
- Voice activated compatibility; offers hands-free controls
- Vintage amber and clear filament lamp designs
- A60 is comparable with 60W incandescent lamp
- Fully dimmable from 10% to 100%
- Tunable white between 2000K - 5000K (Amber) and 2700K - 6500K (Clear)
- Group, scene, holiday and timer settings achieved via WiZ app
- Suitable for indoor applications in dry rooms, professional use in public buildings and outdoor use in specially shielded luminaires



OCTO  
Embedded

Connected by  
**WiZ**



B22 Clear version

INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	IP
220/240V	50/60Hz	-20°C to 45°C	L70 15,000	90	IP20

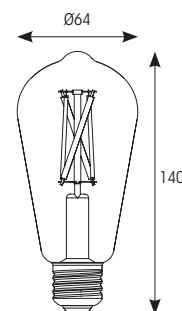
CODE	DESCRIPTION	WATTAGE	CCT	LUMENS
AOCTOW/A60/TW/AMB/E27	A60 - Amber - E27	7W	2000-5000K	640lm
AOCTOW/A60/TW/AMB/B22	A60 - Amber - B22			
AOCTOW/A60/TW/CL/E27	A60 - Clear - E27	7W	2700-6500K	810lm
AOCTOW/A60/TW/CL/B22	A60 - Clear - B22			



# OCTO ST64 Smart Filament Lamp Connected by WiZ



- Tunable white ST64 smart filament lamp suitable for residential and small-scale commercial applications
- WiFi enabled smart lamp, connects directly to your WiFi network using Bluetooth technology to support seamless pairing
- Commissioned via WiZ app
- Voice activated compatibility; offers hands-free controls
- Vintage amber and clear filament ST64 lamp designs
- Comparable with 60W incandescent lamp
- Fully dimmable from 10% to 100%
- Tunable white between 2000K - 5000K (Amber) and 2700K - 6500K (Clear)
- Group, scene, holiday and timer settings achieved via WiZ app
- Suitable for indoor applications in dry rooms, professional use in public buildings and outdoor use in specially shielded luminaires



Connected by  
**WiZ**



Clear version

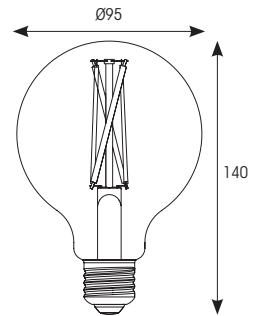
INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	IP
220/240V	50/60Hz	-20°C to 45°C	L70 15,000	90	IP20

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS
AOCTOW/ST64/TW/AMB/E27	ST64 - Amber - E27	7W	2000-5000K	640lm
AOCTOW/ST64/TW/CL/E27	ST64 - Clear - E27		2700K-6500K	810lm

# OCTO G95 Smart Filament Lamp Connected by WiZ



- Tunable white G95 smart filament lamp suitable for residential and small-scale commercial applications
- WiFi enabled smart lamp, connects directly to your WiFi network using Bluetooth technology to support seamless pairing
- Commissioned via WiZ app
- Voice activated compatibility; offers hands-free controls
- Vintage amber and clear filament G95 lamp designs
- Comparable with 75W incandescent lamp
- Fully dimmable from 10% to 100%
- Tunable white between 2000K - 5000K (Amber) and 2700K - 6500K (Clear)
- Group, scene, holiday and timer settings achieved via WiZ app
- Suitable for indoor applications in dry rooms, professional use in public buildings and outdoor use in specially shielded luminaires



Connected by  
**WiZ**



Clear version

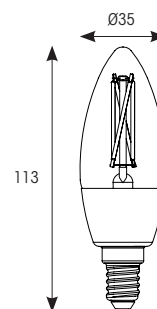
INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	IP
220/240V	50/60Hz	-20°C to 45°C	L70 15,000	90	IP20

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS
AOCTOW/G95/TW/AMB/E27	G95 - Amber - E27	7W	2000-5000K	640lm
AOCTOW/G95/TW/CL/E27	G95 - Clear - E27		2700K-6500K	810lm

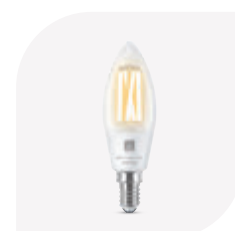
# OCTO C37 Smart Filament Lamp Connected by WiZ



- Tunable white C37 smart filament lamp suitable for residential and small-scale commercial applications
- WiFi enabled smart lamp, connects directly to your WiFi network using Bluetooth technology to support seamless pairing
- Commissioned via WiZ app
- Voice activated compatibility; offers hands-free controls
- Vintage amber and clear filament candle lamp designs
- Fully dimmable from 10% to 100%
- Tunable white between 2000K - 5000K (Amber) and 2700K - 6500K (Clear)
- Group, scene, holiday and timer settings achieved via WiZ app
- Suitable for indoor applications in dry rooms, professional use in public buildings and outdoor use in specially shielded luminaires



Connected by  
**WiZ**



Clear version

INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	IP
220/240V	50/60Hz	-20°C to 45°C	L70 15,000	90	IP20

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS
AOCTOW/C37/TW/AMB/E14	C37 - Amber - E14	5W	2000-5000K	370lm
AOCTOW/C37/TW/CL/E14	C37 - Clear - E14		2700K-6500K	470lm

# E OF COURAGE





# OCTO Venom RGBW Flexible Strip Kit Connected by WiZ



- RGBTW smart flexible LED strip kit suitable for residential and small-scale commercial applications
- Bluetooth and WiFi enabled smart strip; connects directly to your existing WiFi
- Commissioned via WiZ app
- Voice activated compatibility; offers hands-free controls
- RGB and Tunable white for total colour and comfort
- Fully dimmable from 10% to 100%
- 2m starter kit with additional 1m extender kit options available (up to 10m maximum total LED strip length)
- Cutting points every 200mm (only if required)
- Group, scene, holiday and timer settings achieved via WiZ app



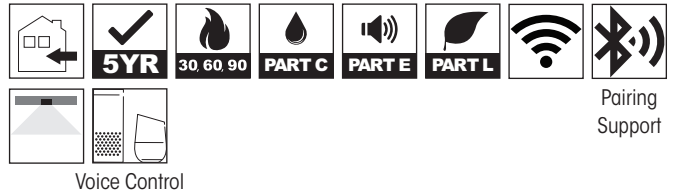
Connected by  
**WiZ**



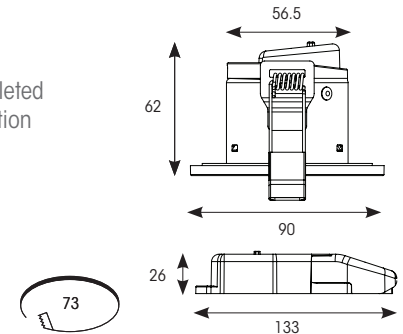
INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	CLASS	IP
220/240V	50/60Hz	-20°C to 45°C	15,000	80	3	IP20

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS
AOCTOW/VENOM/KIT2M/RGBTW	RGBTW - 2m	20W	2700-6500K and RGB	2000lm
AOCTOW/VENOM/EXT1M/RGBTW	RGBTW - Extension Kit 1m	11W		1000lm

# OCTO Prism Pro FRD Connected by WiZ



- IP65 Dimmable LED WiZ enabled tunable white Fire Rated Downlight suitable for residential and commercial applications
- Connects directly to your WiFi network using Bluetooth technology to support seamless pairing
- Tunable between 2700K - 6500K via WiZ app and voice control offering a choice of 2 outputs, in one luminaire
- New innovative 2 part detachable connector design allows initial wiring and testing to be completed first, then simply plug the downlight back to the connector, ensuring a quick and simple installation
- Remote driver with 2x1.5mm<sup>2</sup> + CPC loop-in, loop-out colour coded push fit piano terminals provide an easy and efficient installation
- Low profile design and remote driver allows installation into shallow ceiling voids
- Fully tested for 30, 60 and 90 minute ceiling types to meet Part B of Building Regulations
- Fully tested to meet Part C (moisture), Part E (acoustic) and Part L (energy) of Building Regulations
- Wide 60° beam angle for increased light distribution



Connected by  
**WiZ**



Available bezel options  
Chrome, Satin Chrome and Black

INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP
220/240V	50/60Hz	-20°C to 35°C	L70 60,000*	80	6	65°	2	IP65

APRIP/1/OCTOW/RGBTW = L70 54,000

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W
APRIP/1/OCTOW/TW	Tunable White	8W	2700K - 6500K	690lm - 680lm (2700K - 6500K)	92lm/w - 90lm/W (2700K - 6500K)
APRIP/1/OCTOW/RGBTW	RGB and Tunable White	8W	RGBTW	500lm - 550lm (2700K - 6500K)	68lm/w - 75lm/W (2700K - 6500K)

CODE (ACCESSORIES)	DESCRIPTION
APRILEDPBZ/CH	Chrome Trim Bezel
APRILEDPBZ/SC	Satin Chrome Trim Bezel
APRILEDPBZ/BLK	Matt Black Trim Bezel
ACFLP/3	LED Emergency Lighting Pack

CODE (ACCESSORIES)	DESCRIPTION
APRILEDP/CP/MW	Converter Kit Matt White
APRILEDP/CP/CH	Converter Kit Chrome
APRILEDP/CP/SC	Converter Kit Satin Chrome
APRILEDP/CP/BLK	Converter Kit Black

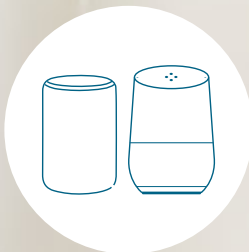


Connected by  
**WIZ**



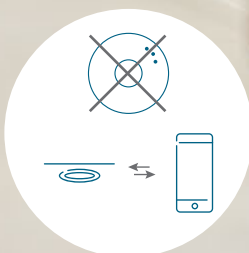
### WiFi and Bluetooth

Enjoy seamless pairing using WiFi and Bluetooth hybrid technology to support connecting to your WiFi router



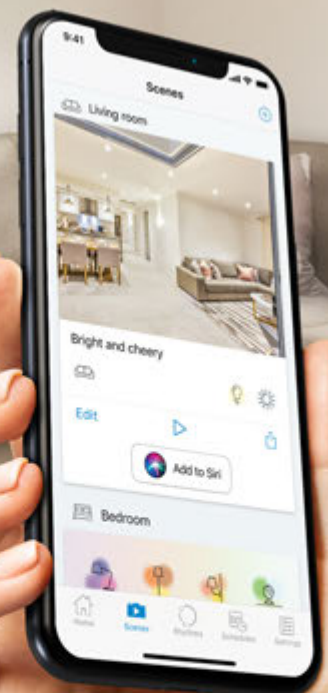
### Advanced Voice Control

Full voice control with smart speakers including Amazon Alexa and Hey Google and voice control with devices running Siri Shortcuts on iOS 12 and above.

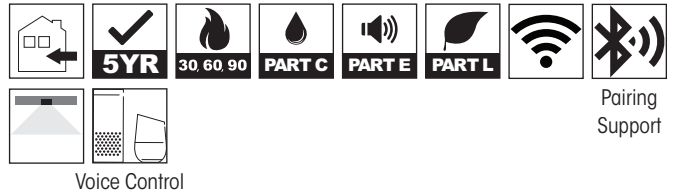


### No Hub Needed

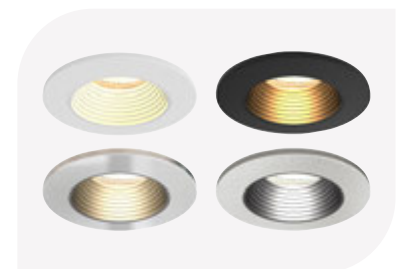
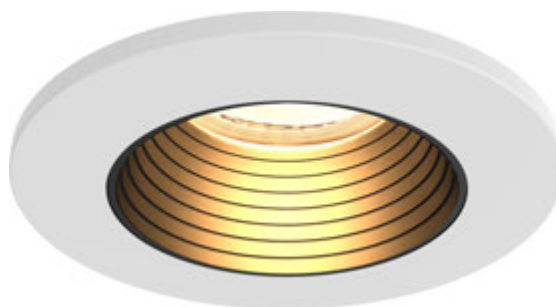
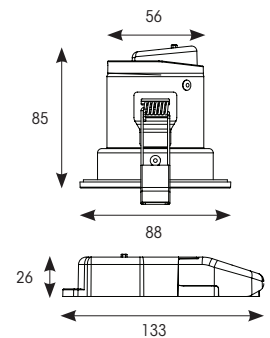
No Additional Hub or Bridge Needed. Connect directly to your existing network via your WiFi router or Internet access point.



# OCTO Prism Pro Anti-Glare FRD Connected by WiZ



- IP65 Dimmable LED WiZ enabled tunable white Fire Rated
- Connects directly to your WiFi network using Bluetooth technology to support seamless pairing
- Anti-Glare Downlight suitable for residential and commercial applications
- Tunable between 2700K - 6500K via WiZ app and voice control
- Supplied with matt white bezel as standard.
- Anti-glare design to create visual comfort
- New innovative 2 part detachable connector design allows initial wiring and testing to be completed first, then simply plug the downlight back to the connector, ensuring a quick and simple installation
- Remote driver with 2x1.5mm<sup>2</sup> + CPC loop-in, loop-out colour coded push fit piano terminals provide an easy and efficient installation
- Low profile design and remote driver allow installation into shallow ceiling voids
- Fully tested to meet Part C (moisture), Part E (acoustic) and Part L (energy) of Building Regulations



Available bezel accessories  
White Bezel with white insert, Black Bezel with matt black insert, chrome Bezel with matt black insert and Satin Chrome Bezel with matt black insert

INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP
220/240V	50/60Hz	-20°C to 35°C	L70 60,000*	80	6	55°	2	IP65

APRIPAG/1/OCTOW/RGBTW = L70 54,000

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W
APRIPAG/1/OCTOW/TW	Tunable White	8W	2700K - 6500K	350lm (2700K) - 410lm (6500K)	55lm/W
APRIPAG/1/OCTOW/RGBTW	RGB and Tunable White	8W	RGBTW	380lm (2700K) - 430lm (6500K)	57lm/W

CODE (ACCESSORIES)	DESCRIPTION
APRILEDPBZ/AG/WW	White Trim Bezel with White Insert
APRILEDPBZ/AG/BB	Matt Black Trim Bezel with Matt Black Insert
APRILEDPBZ/AG/CHB	Chrome Trim Bezel with Matt Black Insert
APRILEDPBZ/AG/SCB	Satin Chrome Trim Bezel with Matt Black Insert

CODE (ACCESSORIES)	DESCRIPTION
ACFLP/3	LED Emergency Lighting Pack





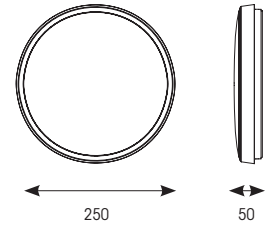
# OCTO Gamma Mini Connected by WiZ



Pairing  
Support

Voice  
Control

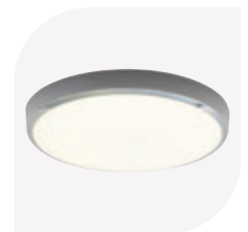
- Ultra slim modern WiZ enabled polycarbonate wall/ceiling light suitable for education and residential applications and ancillary areas
- Connects directly to your WiFi network using Bluetooth technology to support seamless pairing
- Matt white finish to body and diffuser with optional chrome trim ring
- Rear fixing bracket and terminal housing for ease of installation
- Tunable between 2700K - 6500K via WiZ app and voice control
- IP54 rating and suitable for bathroom use
- Dimmable via WiZ app



OCTO  
Embedded

Connected by

WiZ



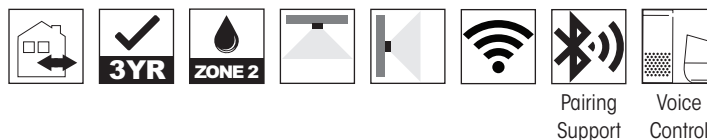
Chrome Trim Ring Fitted

INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP	IK
220/240V	50/60Hz	-5°C to 35°C	L70 54,000	80	6	110°	2	IP54	IK09

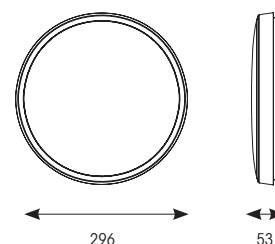
CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W
AMGAMLED/OCTOW	Tunable White	10W	2700K-6500K	750lm (2700K) - 830lm (6500K)	77lm/W (2700K) - 86lm/W (6500K)

CODE (ACCESSORIES)	DESCRIPTION
AMGAMLEDBZ/CH	Chrome Trim Ring

# OCTO Gamma Connected by WiZ



- Ultra slim modern WiZ enabled polycarbonate wall/ceiling light suitable for education and residential applications and ancillary areas
- Connects directly to your WiFi network using Bluetooth technology to support seamless pairing
- Matt white finish to body and diffuser with optional chrome trim ring
- Rear fixing bracket and terminal housing for ease of installation
- Tunable between 2700K - 6500K via WiZ app and voice control
- IP54 rating and suitable for bathroom use
- Dimmable via WiZ app



Connected by  
**WiZ**



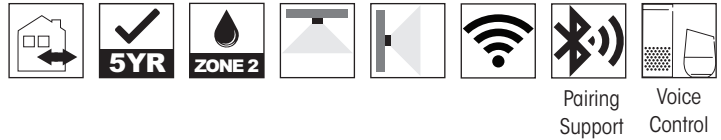
Chrome Trim Ring Fitted

INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP	IK
220/240V	50/60Hz	-5°C to 35°C	L70 54,000	80	6	110°	2	IP54	IK09

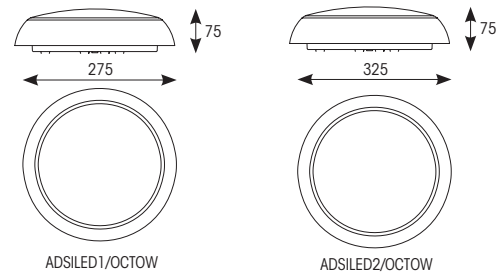
CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W
<b>AGAMLED/OCTOW</b>	Tunable White	18W	2700K-6500K	1500lm (2700K) - 1600lm (6500K)	82lm/W (2700K) - 90lm/W (6500K)

CODE (ACCESSORIES)	DESCRIPTION
<b>AGAMLEDBZ/CH</b>	Chrome Trim Ring

# OCTO Disco Slim Connected by WiZ

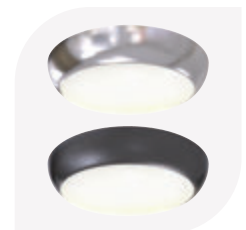


- WiZ embedded slim and modern wall or ceiling light suitable for education and residential applications and ancillary areas
- Connects directly to your WiFi network using Bluetooth technology to support seamless pairing
- All polycarbonate construction with opal diffuser and white trim ring with optional chrome or graphite ring
- Tunable between 2700K - 6500K via WiZ app and voice control
- Instant light output and unlimited switching
- **Please consider WiFi signal strength for this product and ensure that it is located within range of your router or WiFi extender**



OCTO  
Embedded

Connected by  
**WiZ**



Chrome and Graphite Trim  
Ring Accessories

INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP	IK
220/240V	50/60Hz	-10°C to 40°C	L70 36,000	80	6	110°	2	IP65	08

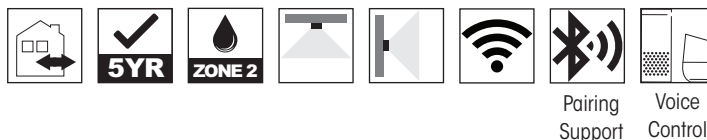
CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W
ADSILED1/OCTOW	Tunable White	8W	2700K - 6500K	720lm - 710lm (2700K - 6500K)	90lm/W - 89lm/W (2700K - 6500K)
ADSILED2/OCTOW	Tunable White	11W	2700K - 6500K	1150lm - 1160lm (2700K - 6500K)	105lm/W - 112lm/W (2700K - 6500K)

CODE (ACCESSORIES)	DESCRIPTION
ADSILED1BZ/CH	Chrome Trim Ring (8W)
ADSILED1BZ/GR	Graphite Trim Ring (8W)

CODE (ACCESSORIES)	DESCRIPTION
ADSILED2BZ/CH	Chrome Trim Ring (11W)
ADSILED2BZ/GR	Graphite Trim Ring (11W)

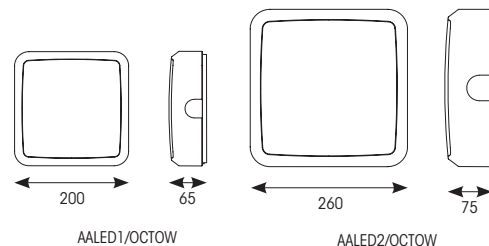


# OCTO Astro Connected by WiZ

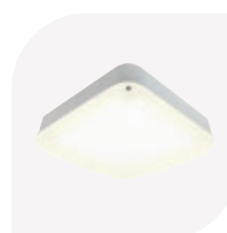


49

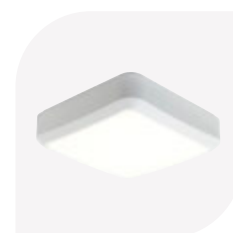
- WiZ embedded all polycarbonate multi-purpose LED square bulkhead suitable for ancillary areas and industrial applications
- Connects directly to your WiFi network using Bluetooth technology to support seamless pairing
- Push fit feed-in, feed-out terminals for speed and ease of installation
- Tunable between 2700K - 6500K via WiZ app and voice control
- Supplied c/w optional trim attachment which provides a more commercially aesthetic appearance
- Unique Visiluxe diffuser allows 90% light transmission from LED source for increased performance
- Instant light output and unlimited switching
- **Please consider WiFi signal strength for this product and ensure that it is located within range of your router or WiFi extender**



Connected by  
**WiZ**



White



White fitted with  
Trim Bezel

INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP	IK
220/240V	50/60Hz	-10°C to 40°C	L70 36,000	80	6	115°	2	IP65	08

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W
AALED1/BV/OCTOW	Tunable White - Black	8W	2700K - 6500K	730lm (2700K) - 720lm (6500K)	91lm/W (2700K) - 90lm/W (6500K)
AALED1/WV/OCTOW	Tunable White - White	8W	2700K - 6500K	730lm (2700K) - 720lm (6500K)	91lm/W (2700K) - 90lm/W (6500K)
AALED2/BV/OCTOW	Tunable White - Black	11W	2700K - 6500K	1150lm (2700K) - 1170lm (6500K)	105lm/W (2700K) - 106lm/W (6500K)
AALED2/WV/OCTOW	Tunable White - White	11W	2700K - 6500K	1150lm (2700K) - 1170lm (6500K)	105lm/W (2700K) - 106lm/W (6500K)



# OCTO Delta

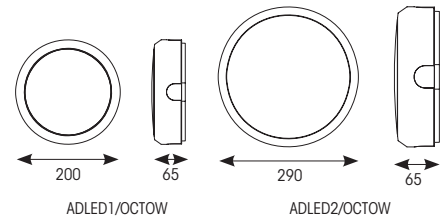
## Connected by WiZ



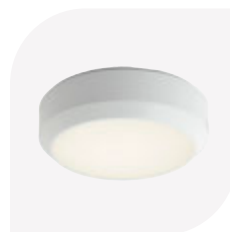
Pairing  
Support

Voice  
Control

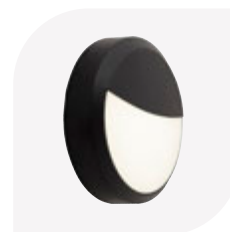
- WiZ embedded all polycarbonate multi-purpose LED round bulkhead suitable for ancillary areas and industrial applications
- Connects directly to your WiFi network using Bluetooth technology to support seamless pairing
- Push fit feed-in, feed-out terminals for speed and ease of installation
- Tunable between 2700K - 6500K via WiZ app and voice control
- Supplied c/w optional trim attachment which provides a more commercially aesthetic appearance
- Unique Visiluxe diffuser allows 90% light transmission from LED source for increased performance
- Instant light output and unlimited switching
- **Please consider WiFi signal strength for this product and ensure that it is located within range of your router or WiFi extender**



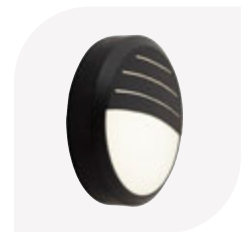
Connected by  
**WiZ**



Fitted with  
White Trim Bezel



Fitted with  
Black Eyelid Trim Bezel



Fitted with  
Black Louvred Trim Bezel

INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP	IK
220/240V	50/60Hz	-10°C to 40°C	L70 36,000	80	6	115°	2	IP65	IK08

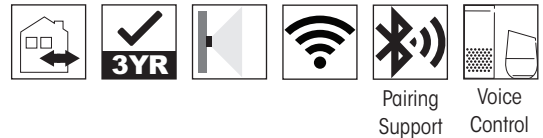
CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W
ADLED1/BV/OCTOW	Tunable White - Black	8W	2700K - 6500K	700lm - 710lm (2700K - 6500K)	87lm/W - 89lm/W (2700K - 6500K)
ADLED1/WV/OCTOW	Tunable White - White	8W			
ADLED2/BV/OCTOW	Tunable White - Black	11W	2700K - 6500K	1100lm - 1200lm (2700K - 6500K)	100lm/W - 108lm/W (2700K - 6500K)
ADLED2/WV/OCTOW	Tunable White - White	11W			

CODE (ACCESSORIES)	DESCRIPTION
ADLED2/BZ/EYE/B	Black Eyelid Bezel Trim (11W Only)
ADLED2/BZ/EYE/W	White Eyelid Bezel Trim (11W Only)

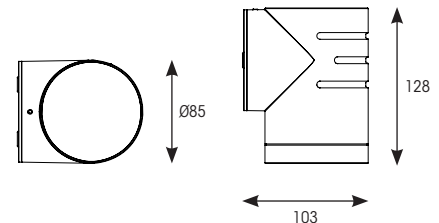
CODE (ACCESSORIES)	DESCRIPTION
ADLED2/BZ/GRILL/B	Black Louvred Bezel Trim (11W Only)
ADLED2/BZ/GRILL/W	White Louvred Bezel Trim (11W Only)



## Reef Directional Wall Light Connected by WiZ



- Durable WiZ embedded outdoor directional wall light suitable for residential and hospitality applications
- Connects directly to your WiFi network using Bluetooth technology to support seamless pairing
- Installation in either upward or downward orientation
- Choice of matt white or black finishes
- Polycarbonate construction ideal for coastal applications
- Refined durable finish suitable for the challenging environments with adverse weather conditions
- Tunable between 2700K - 6500K via WiZ app and voice control
- Unique lockable installation base plate with push fit loop-in loop-out terminals for ease of installation
- **Please consider WiFi signal strength for this product and ensure that it is located within range of your router or WiFi extender**



Connected by  
**WiZ**



Unique Click and Lock  
Mounting Bracket



White

INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP	IK
220/240V	50/60Hz	-20°C to 40°C	L80 54,000	80	6	90°	2	IP65	IK08

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W
AREELEDWLD/OCTOW	Tunable White - Black	6W	2700K - 6500K	450lm (2700K) - 500lm (6500K)	70lm/W (2700K) - 80lm/W (6500K)
AREELEDWLD/WH/OCTOW	Tunable White - White				



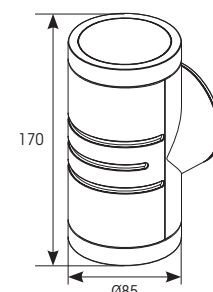
# Reef Bi-Directional Wall Light Connected by WiZ



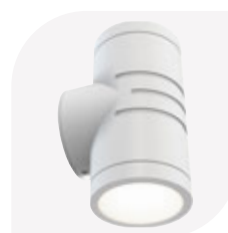
Pairing  
Support

Voice  
Control

- Durable WiZ embedded outdoor bi-directional wall light suitable for residential and hospitality applications
- Connects directly to your WiFi network using Bluetooth technology to support seamless pairing
- Polycarbonate construction ideal for coastal applications
- Choice of matt white or black finishes
- Polycarbonate construction ideal for coastal applications
- Refined durable finish suitable for the challenging environments with adverse weather conditions
- Tunable between 2700K - 6500K via WiZ app and voice control
- Unique lockable installation base plate with push fit loop-in loop-out terminals for ease of installation
- **Please consider WiFi signal strength for this product and ensure that it is located within range of your router or WiFi extender**



Connected by  
**WiZ**



White



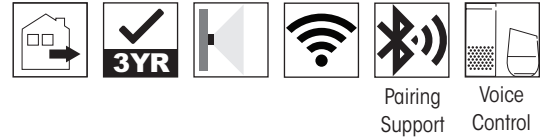
Unique Click and Lock  
Mounting Bracket

INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP	IK
220/240V	50/60Hz	-20°C to 40°C	L80 54,000	80	6	90°	2	IP65	IK08

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W
<b>AREELEDWL/OCTOW</b>	Tunable White - Black	10W	2700K - 6500K	780lm (2700K) - 830lm (6500K)	78lm/W (2700K) - 82lm/W (6500K)
<b>AREELEDWL/WH/OCTOW</b>	Tunable White - White				

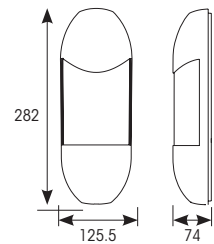


## Leo Polycarbonate Half Lantern Connected by WiZ



Pairing Support Voice Control

- Modern styled WiZ embedded half lantern with polycarbonate construction suitable for commercial and residential applications
- Connects directly to your WiFi network using Bluetooth technology to support seamless pairing
- White reflector with clear polycarbonate diffuser
- Polycarbonate construction is ideal for coastal applications
- Tunable between 2700K - 6500K via WiZ app and voice control
- **Please consider WiFi signal strength for this product and ensure that it is located within range of your router or WiFi extender**



OCTO Embedded

Connected by

WiZ

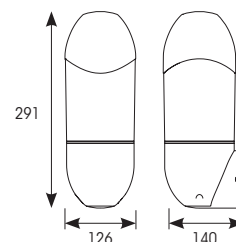
INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP	IK
220/240V	50/60Hz	-10°C to 40°C	L70 36,000	80	6	130°	2	IP65	IK06

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W
ALEOLED/HL/OCTOW	Tunable White	9W	2700K - 6500K	760lm - 750lm (2700K - 6500K)	41lm/W - 40lm/W (2700K - 6500K)

# Leo Polycarbonate Lantern Connected by WiZ



- Modern styled WiZ embedded wall lantern with polycarbonate construction suitable for commercial and residential applications
- Connects directly to your WiFi network using Bluetooth technology to support seamless pairing
- White reflector with clear polycarbonate diffuser
- Polycarbonate construction is ideal for coastal applications
- Tunable between 2700K - 6500K via WiZ app and voice control
- **Please consider WiFi signal strength for this product and ensure that it is located within range of your router or WiFi extender**



OCTO  
Embedded

Connected by

WiZ



INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP	IK
220/240V	50/60Hz	-10°C to 40°C	L70 36,000	80	6	130°	2	IP65	IK06

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W
ALEOLED/WL/OCTOW	Tunable White	9W	2700K - 6500K	470lm - 450lm (2700K - 6500K)	52lm/W - 56lm/W (2700K - 6500K)





# Leo Polycarbonate Bollard Connected by WiZ



Pairing  
Support

Voice  
Control

- Modern styled WiZ embedded bollard with polycarbonate construction suitable for residential and hospitality applications
- Connects directly to your WiFi network using Bluetooth technology to support seamless pairing
- White reflector with clear polycarbonate diffuser
- Polycarbonate construction is ideal for coastal applications
- Supplied c/w root mounting kit, can be surface mounted with rawbolts
- Tunable between 2700K - 6500K via WiZ app and voice control
- **Please consider WiFi signal strength for this product and ensure that it is located within range of your router or WiFi extender**



Connected by  
**WiZ**

INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP	IK
220/240V	50/60Hz	-10°C to 40°C	L70 36,000	80	6	130°	1	IP65	08

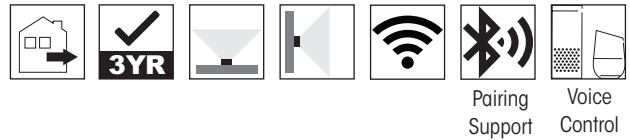
CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W	A
ALEOLED/045/GR/OCTOW	Tunable White - 450mm	9W	2700K	560lm (2700K) - 570lm (6500K)	61lm/W (2700K) - 64lm/W (6500K)	450mm
ALEOLED/075/GR/OCTOW	Tunable White - 750mm	11W	6500K	840lm (2700K) - 850lm (6500K)	69lm/W (2700K) - 77lm/W (6500K)	750mm
ALEOLED/100/GR/OCTOW	Tunable White - 1000mm					1000mm



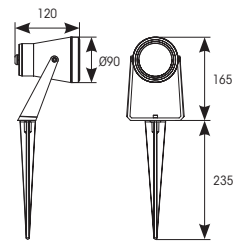


# Garletta

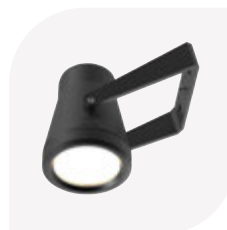
## Connected by WiZ



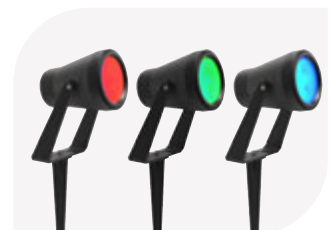
- Dual purpose WiZ embedded garden spotlight supplied with wall mounting bracket and spike suitable for coastal areas
- Connects directly to your WiFi network using Bluetooth technology to support seamless pairing
- Create the ambience of your choice with 16 million colours, as well as warm to cool white light (AGARLED/RGBTW/OCTOW)
- Tunable between 2700K - 6500K via WiZ app and voice control (AGARLED/TW/OCTOW)
- Polycarbonate construction suitable for coastal areas
- Pre-wired with 2 metres of rubber insulated cable
- **Please consider WiFi signal strength for this product and ensure that it is located within range of your router or WiFi extender**



Connected by  
**WiZ**



Wall Mounting



RGBTW

INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP
220/240V	50/60Hz	-20°C to 45°C	L80 54,000	80	6	100°	2	IP65

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W
<b>AGARLED/RGBTW/OCTOW</b>	RGB Tunable White	6W	2700K - 6500K (RGB)	450lm (2700K) - 500lm (6500K)	69lm/W (2700K) - 77lm/W (6500K)
<b>AGARLED/TW/OCTOW</b>	Tunable White	6W	2700K - 6500K	450lm (2700K) - 500lm (6500K)	69lm/W (2700K) - 77lm/W (6500K)

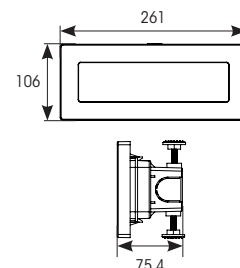
# Mattone Connected by WiZ



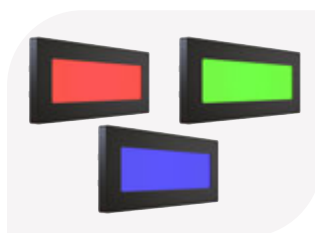
Pairing  
Support

Voice  
Control

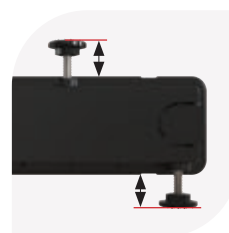
- Universal polycarbonate LED bricklight suitable for residential and hospitality applications
- Connects directly to your WiFi network using Bluetooth technology to support seamless pairing
- Create the ambience of your choice with 16 million colours, as well as warm to cool white light
- Tunable between 2700K - 6500K via WiZ app and voice control
- Unique adjustable feet allows for installation into multiple brick apertures
- Polycarbonate construction ideal for coastal applications
- Pre-wired with 500mm of rubber insulated cable
- Supplied c/w installation housing for additional protection and ease of installation
- Wall box accessory available allowing fitting to be surface mounted
- **Please consider WiFi signal strength for this product and ensure that it is located within range of your router or WiFi extender**



Connected by  
**WiZ**



RGBTW



Adjustable Feet Design



Plug and Play Design

INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP	IK
220/240V	50/60Hz	-10°C to 40°C	L70 36,000	80	6	100°	2	IP65	IK06

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W
AMATBLED/OCTOW/RGBTW	RGB Tunable White	4W	2700K - 6500K (RGB)	75lm - 80lm (2700K - 6500K)	20lm/W

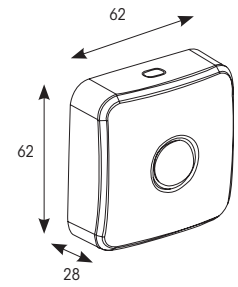
CODE (ACCESSORIES)	DESCRIPTION
AMATB/SMB	Surface Mounted Box



# OCTO Smart PIR Sensor Connected by WiZ



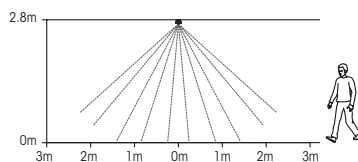
- Internal WiFi enabled PIR sensor suitable for residential and small-scale commercial applications
- Compatible with all other OCTO Connected by WiZ devices
- Infrared PIR detector and photocell
- Detection range strength: 1) Strong detection zone i.e. person moving arm or walking towards PIR 2) Secondary detection zone i.e. person walking perpendicular to PIR
- 1 year battery (on assumption 50 actions per day, battery capacity 2800 mAh)
- Battery powered using 2 x AA batteries (not supplied)
- **Please note the WiZ app does not support light level monitoring on battery operated sensors, due to heavy battery drain. However other methods of control can be achieved through the Alexa App**
- **Motion sensor must be within 15m of light fitting to operate**



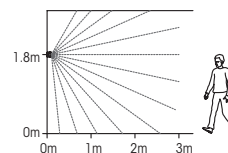
OCTO  
Embedded

Connected by  
**WiZ**

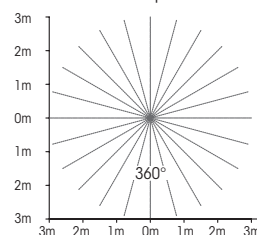
Ceiling Installation



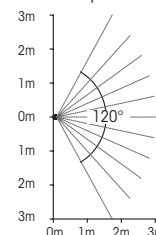
Wall Installation



Top View



Top View



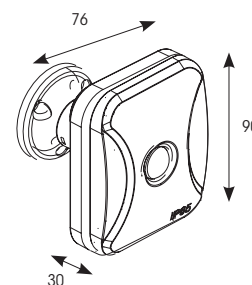
CODE	DESCRIPTION	CLASS	IP
AOCTOW/PIR-S	Smart PIR Sensor - Internal	3	IP20

# OCTO Outdoor Smart PIR Sensor Connected by WiZ



61

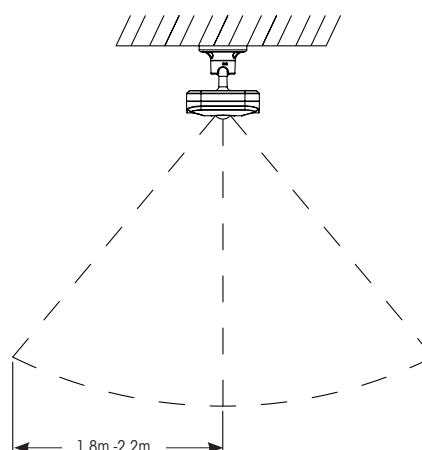
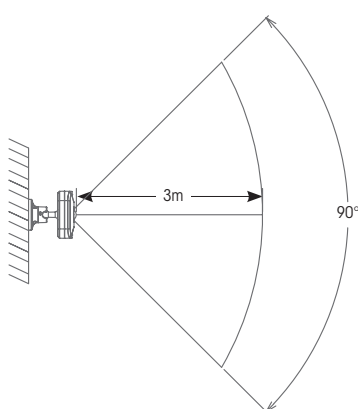
- IP65 external Wifi enabled PIR sensor suitable for residential and small-scale commercial applications
- Compatible with all other OCTO Connected by WiZ devices
- Infrared PIR detector and photocell
- Detection range strength: 1) Strong detection zone i.e. person moving arm or walking towards PIR 2) Secondary detection zone i.e. person walking perpendicular to PIR
- Typical battery lifetime 1 year (on assumption 50 actions per day, battery capacity 2800 mAh)
- Battery powered using 2 x AA batteries (not supplied)
- **Please note the WiZ app does not support light level monitoring on battery operated sensors, due to heavy battery drain. However other methods of control can be achieved through the Alexa App**
- **Motion sensor must be within 15m of light fitting to operate**



OCTO  
Embedded

Connected by

WiZ



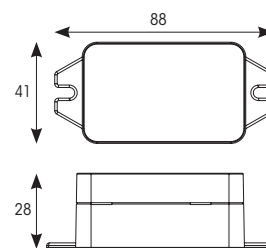
CODE	DESCRIPTION	IP	IK
AOCTOW/B/PIR/IP65-S	Smart PIR Sensor - External	IP65	08



# OCTO Indoor Controller Connected by WiZ



- Bluetooth and Wifi enabled smart controllers for use with LED strip suitable for residential and small-scale commercial applications
- Connects directly to your WiFi network using Bluetooth technology to support seamless pairing
- Commissioned via WiZ app
- Voice activated compatibility; offers hands-free controls
- 12-24V Dimmable, RGB and tunable white versions; perfect for LED strip (maximum 7.5A)
- 220-240V Dimmable; perfect for triac dimmable downlights and other LED luminaires and LED light sources (maximum 150W)
- 1-10V Dimmable version for compatible analogue LED luminaires (maximum 300W)
- Group, scene, holiday and timer settings achieved via WiZ app



OCTO  
Embedded

Connected by  
**WiZ**

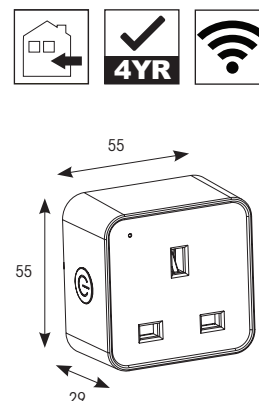


CODE	DESCRIPTION	MIN VOLTAGE	MAX VOLTAGE	IP	CLASS
AOCTOW/12-24V/DIM	12-24V Dimmable Controller				
AOCTOW/12-24V/TW	12-24V Tunable White Controller	12V	24V	IP20	2
AOCTOW/12-24V/RGBTW	12-24V RGBTW Controller				
AOCTOW/220-240V/DIM	220-240V Phase-cut Dimmable Controller	220V	240V	IP20	2
AOCTOW/1-10V/DIM	220-240V 1-10V Dimmable Controller				



# OCTO Wireless Smart Plug Connected by WiZ

- WiFi enabled smart plug for residential and small scale commercial applications
- Make any socket smart with this OCTO Smart Plug Connected by WiZ
- Control your lights and electronic devices from anywhere
- 13A Rated
- Integrated manual on/off button
- Program schedules and timers via WiZ app
- Provides safety, security and energy saving benefits
- Voice control with Alexa, Hey Google and Siri Shortcuts



OCTO  
Embedded

Connected by

WiZ

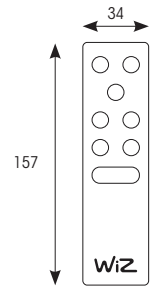


CODE	DESCRIPTION	IP
AOCTOW/SP	Smart Plug	IP20

# OCTO Smart Remote Control Connected by WiZ



- Smart remote control suitable for residential and small-scale commercial applications
- Multifunctional WiFi enabled smart remote control lets you have quick and easy control of your OCTO Connected by WiZ lights
- Simple and quick controls; on/off, dimming, night light and choose from different scenes
- Compatible with all other OCTO Connected by WiZ devices
- Works without WiFi
- Range - Up to 15 metres



CODE	DESCRIPTION	IP
AOCTOW/RC	Smart Remote Control	IP20



**Complete Control**

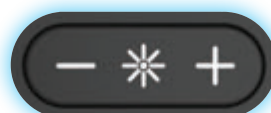
**in one click**



◆ Instant switching between Preset light modes and Preset Dynamic light modes



◆ Night Light Mode



◆ Dim lights up and down

# OCTO POWERED BY CASAMBI



- Easy to use, wireless controllable lighting system
- Intuitive operation and set-up via a smart device
- No need for an external gateway device
- Automatically forms a fast-wireless mesh network
- Nearby OCTO Powered by Casambi devices are clearly seen and added.
- Device firmware can be updated over the air
- Cloud services enhances user experience
- Smart lighting control switches can be easily added to the OCTO Powered by Casambi system
- OCTO App is compatible with some key dimming and colour control commands for the Philips Hue system

## Pairing and Networks



### Pairing:

OCTO App will automatically find all OCTO enabled luminaires that are switched on

### Grouping:

Control luminaires in a group together or as individual fittings

### Scenes:

Lighting scenes and schedules create the perfect ambience for different occasions and needs

### Network:

The established network is a mesh network, a mesh network does not have a central resource or point of failure.

# Presence and Absence Detection

OCTO provides professional level control coupled with easy, intuitive commissioning. Functionality such as presence and absence detection - which reduces the amount of time the light is on. This can be set up effortlessly through the OCTO by Casambi App.

## Absence Detection (Commercial)



Upon entering a room the person switches on the light as normal, but on leaving the detector switches off the lighting automatically. Lights can also be switched off manually

## Presence Detection (Commercial)



Detectors will switch on lighting automatically when a person enters the room and switches off lighting automatically when no movement is detected

# Daylight Harvesting

Daylight harvesting systems allow buildings to maximise natural lighting in the home/workplace, thereby reducing and increasing the artificial lighting as and when needed providing reduced energy consumption.

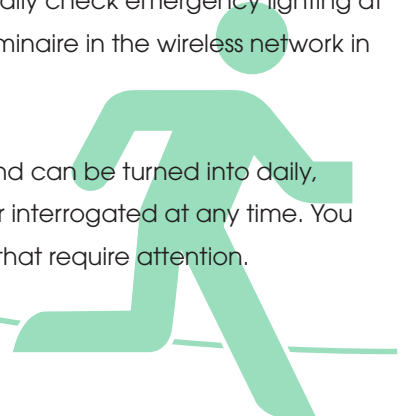
**OCTO Smart PIR sensors can be used for Daylight harvesting to maximise energy savings**

# OCTO Wireless Emergency Lighting System

Revolutionary wireless connectivity for emergency luminaires via a self-healing Bluetooth mesh network. It is a requirement that emergency lighting systems should be tested and maintained at regular intervals in accordance with the latest regulations. This requires monitoring, testing and the logging of data all of which can be time-consuming and costly. The OCTO Wireless Emergency Lighting System offers a fully automatic and tailored approach to traditional emergency luminaire testing. The system can automatically check emergency lighting at preconfigured testing schedules and records the condition of each individual luminaire in the wireless network in real time.

Once commissioned, the emergency luminaires operational data is collected and can be turned into daily, weekly or monthly reports all viewed and controlled on an intuitive dashboard or interrogated at any time. You can also receive notifications should there be any results of the self-test devices that require attention.

**Please enquire with a member of the sales team for more info**





# OCTO GATEWAY



## CONTROL FROM **ANYWHERE**

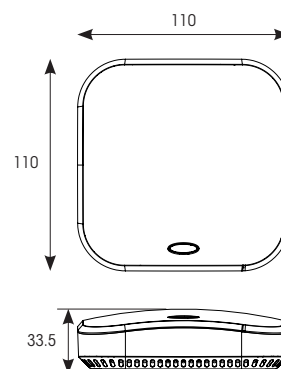
Your OCTO Gateway gives you the power to control your lighting remotely by linking with the Alexa app.

# OCTO Gateway

## Powered by Casambi



- Intuitive OCTO Smart Connected Gateway, opening the door to a world of connectivity
- Enable Alexa voice control for your Casambi lighting; offering hands-free controls
- Automate lighting routines and timers for hassle free control
- Control your lighting wherever you are with remote access via Alexa and the Alexa app
- Seamlessly integrate your whole Casambi network with other smart products via Alexa and the Alexa app
- Requires wired internet connection
- Supplied complete with RJ45 ethernet cable and mains BS1363 plug-top power supply



Powered by  
**CASAMBI**



OUTPUT	INPUT	HERTZ	TEMP	CLASS	IP
5V dc 2.1 Amp	100/240V	50/60Hz	0 to 25°C	2	IP20

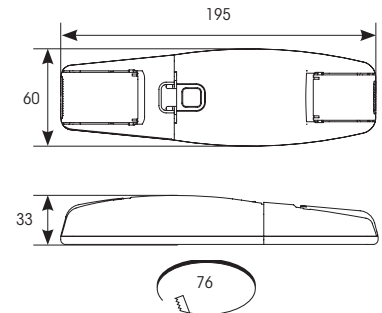
CODE	DESCRIPTION
AOCTO/GATEWAY	OCTO Powered by Casambi Gateway

# OCTO Indoor Controller Powered by Casambi



- Bluetooth enabled internal smart controller for use with the OCTO Casambi eco-system suitable for commercial and industrial applications
- Push-fit loop-in, loop-out terminals for ease and speed of installation
- Screw-less design
- Compatible with all other bluetooth OCTO Casambi devices as part of the OCTO Casambi ecosystem
- Intuitive fast operation from a smart lighting App
- Future proofed free software and firmware updates
- Can be used to control a group, sub groups or individual luminaires
- Settings easily commissioned by a smart device
- App commissioning includes full control, dimming, scene setting and pre-set timer
- Bluetooth wireless mesh ensures reliable and fast operation.  
Range between devices: 15m internal, 30m external\*\*

**\*\* NB The indoor and outdoor OCTO Controllers are designed to operate Triac dimmable LED luminaires and LED light sources, however consideration must be given to PFC (Power Factor Correction) which can affect the final loading. Please refer to instructions for further details.**



**OCTO**  
Embedded

Powered by  
**CASAMBI**



Wiring Configuration

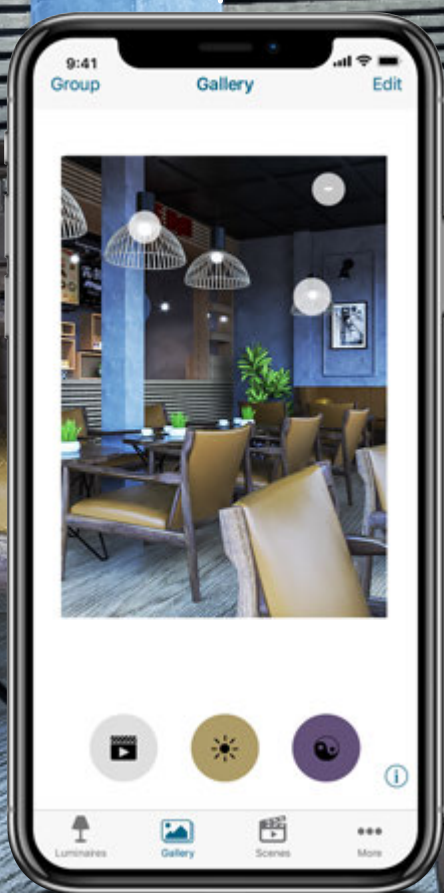


Installation Method

CODE	DESCRIPTION	OUTPUT	INPUT	HERTZ	CLASS	IP
AOCTO/IC/50	Smart Indoor Controller	150W	220/240V	50/60Hz	1	IP20
AOCTO/IC/200		200W				



\*\* Range is dependent on surroundings and obstacles, such as walls and building materials. \*\*



### \* Circuit 1 - OCTO Indoor Controller

#### Powered by Casambi

- Allows full control of all fittings connected to the network
- Scene setting to create a fitting atmosphere
- Holiday mode settings
- Compatible with indoor wireless smart switch
- Easy installation / retrofit ready

### \* Circuit 2 - OCTO Indoor Controller

#### Powered by Casambi

- Turn on/off, dim or \*adjustable colour temperature
- Timer functionality with built in sunrise and sunset app setting
- Control from anywhere depending on Wi-Fi connection

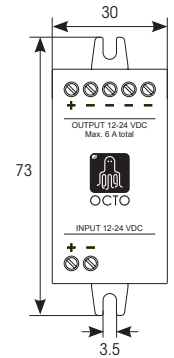
**\*Colour temperature may only be adjusted with compatible Smart Lamps/Luminaires**

**\*1 Circuit = 1 Controller\***

# OCTO Indoor CCT/RGBW Controller Powered by Casambi



- Bluetooth enabled internal CCT/RGBTW smart controller for use with OCTO Casambi eco-system and suitable for residential and commercial applications
- 12-24V bluetooth smart controller
- Compatible with all other bluetooth OCTO Casambi devices as part of the OCTO Casambi ecosystem
- Option to use externally within a waterproof enclosure
- Timed colour alert or changes for different daily events
- Initial start up provides the user with options for RGBW, RGB, White and single colour
- Shared/common positive output with 4 negatives outputs allow for 4 channel control
- App commissioning includes full control, dimming, scene setting and pre-set timer
- Settings easily commissioned by a smart device via the OCTO app
- Bluetooth wireless mesh ensures reliable and fast operation.  
Range between devices: 15m internal, 30m external\*\*
- **Four channel dimmer for constant voltage LED loads, such as LED strips and constant voltage LED modules**



Wiring Configuration  
for RGB



12-24VDC Power supply

Wiring Configuration for  
1-4 Separate white  
channels



12-24VDC Power supply

CODE	DESCRIPTION	MAX WATTAGE	OUTPUT	INPUT	CLASS	IP
AOCTO/RGBW/BTC	Smart Single CCT/RGBW Controller	72W - 12V 144W - 24V	6A Max	12-24VDC	3	IP20



\*\* Range is dependent on surroundings and obstacles, such as walls and building materials. \*\*

73

1

1

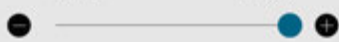
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9:41

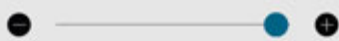
Close

Edit

Dimmer 100.0 %



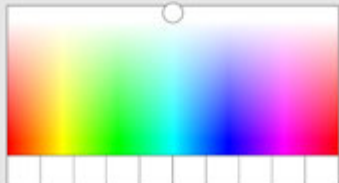
Colour temperature 6700 K



Colour 180



Colour saturation 0.0 %



**\*Circuit 1 - OCTO indoor RGBW controller Powered by Casambi**

- Scene setting to create a fitting atmosphere
- Compatible with all other Bluetooth OCTO devices
- Easy installation / retrofit ready
- Full RGBW colour palette via app
- Wireless colour synchronisation

**\*1 Circuit = 1 Controller\***



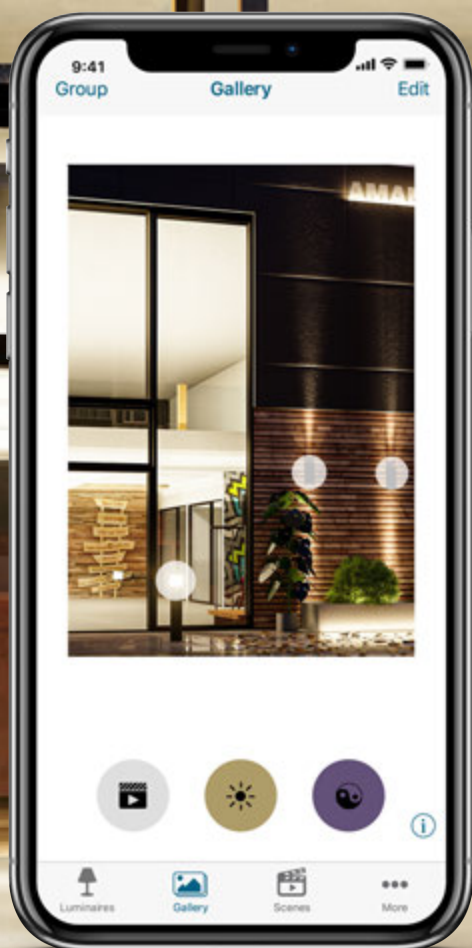
**\*\* Range is dependent on surroundings and obstacles, such as walls and building materials. \*\***

74

**\*Circuit 1 - OCTO Powered by Casambi  
outdoor controller**

- Control all fittings connected to this circuit
- Fast-wireless mesh network
- Security mode with pre-set timers
- IP65 bluetooth PIR sensor
- Scene setting to create an atmosphere to suit the occasion
- Dimmable 1% - 100%
- Compatible with the outdoor wireless smart switch

**\*1 Circuit = 1 Controller\***

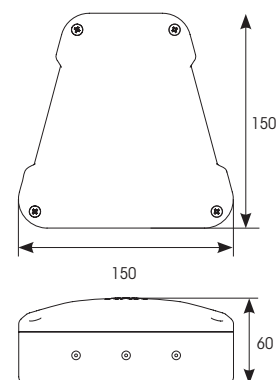


# OCTO Outdoor Controller

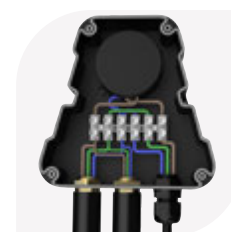
## Powered by Casambi



- Bluetooth enabled internal outdoor smart controller for use with OCTO Casambi eco-system and suitable for residential and commercial applications
- Control outdoor lighting from smart device
- Heavy duty screw connections suitable for SWA / outdoor cable types
- Compatible with all other bluetooth OCTO Casambi devices as part of the OCTO Casambi ecosystem
- Detachable connector block to aid connection of stronger cable types
- Waterproof with IP66 rating
- Robust polycarbonate casings for outdoor use. UV stabilised
- Intuitive fast operation from a smart app
- Can be used to control a group, sub groups or individual luminaires
- App commissioning includes full control, dimming, scene setting and pre-set timer
- Bluetooth wireless mesh ensures reliable and fast operation.  
Range between devices: 15m internal, 30m external\*\*



Powered by  
**CASAMBI**



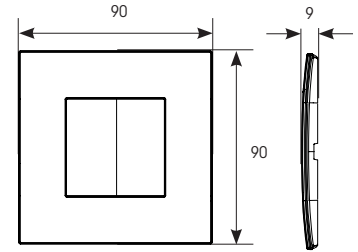
Wiring Configuration

CODE	DESCRIPTION	OUTPUT	INPUT	HERTZ	CLASS	IP
AOCTO/OC/IP65/200	Smart Outdoor Controller	200W	220/240V	50/60Hz	1	IP66

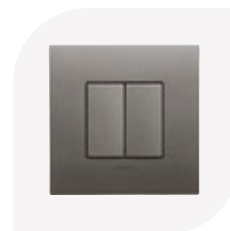
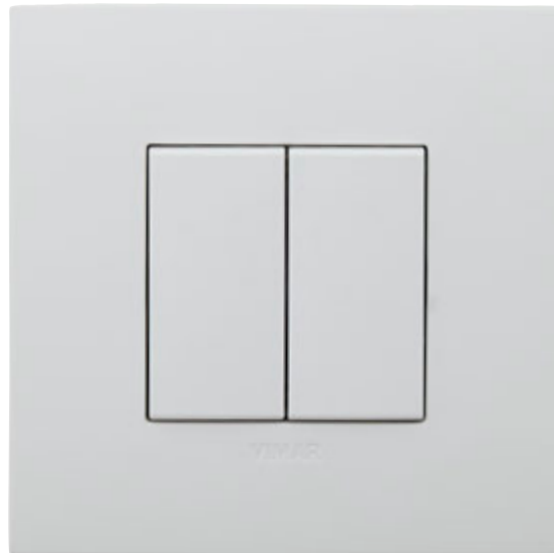
# OCTO Indoor Wireless Architectural Smart Switch Powered by Casambi



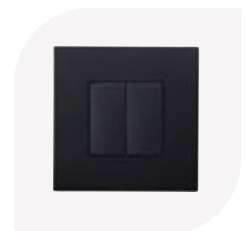
- Bluetooth enabled internal smart switch for use with OCTO Casambi eco-system and suitable for residential and commercial applications
- Double rocker wireless wall switch
- High grade technopolymer construction available in 3 finishes:- white, metallic and black
- Electro-dynamic energy generator, maintenance free
- Compatible with all other bluetooth OCTO Casambi devices as part of the OCTO Casambi ecosystem
- Range - within one room up to 10 metres line of sight
- Double-sided mounting film enclosed screwing onto a flat surface
- Double rocker with medial position, pressed/released



Powered by  
**CASAMBI**



Metallic



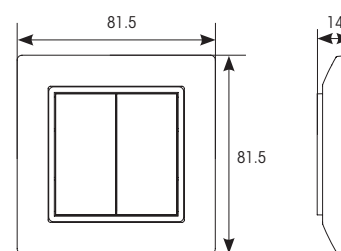
Black

CODE	DESCRIPTION	IP
AOCTO/WS/W	Indoor Wireless Switch - White	IP20
AOCTO/WS/M	Indoor Wireless Switch - Metallic	
AOCTO/WS/B	Indoor Wireless Switch - Black	

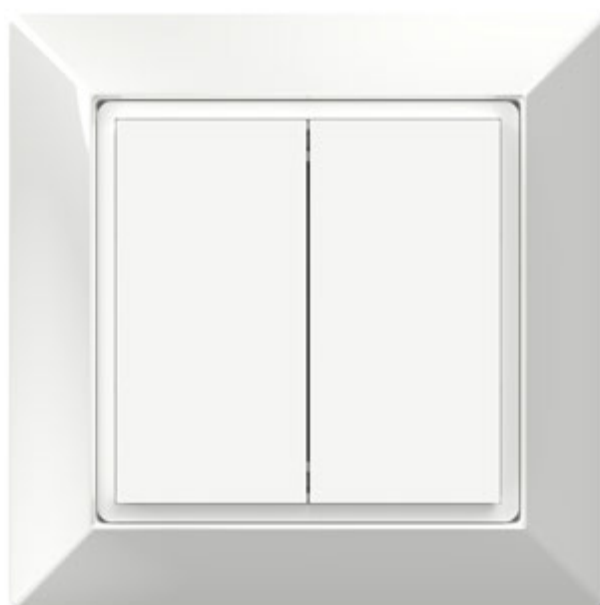
# OCTO Indoor Wireless Smart Switch Powered by Casambi



- Bluetooth enabled internal smart switch for use with OCTO Casambi eco-system and suitable for residential and commercial applications
- Double rocker wireless wall switch
- Electro-dynamic energy generator, maintenance free
- Compatible with all other bluetooth OCTO Casambi devices as part of the OCTO Casambi ecosystem
- Range - within one room up to 10 metres line of sight
- Double-sided mounting film enclosed screwing onto a flat surface
- Double rocker with medial position, pressed/released



Powered by  
**CASAMBI**



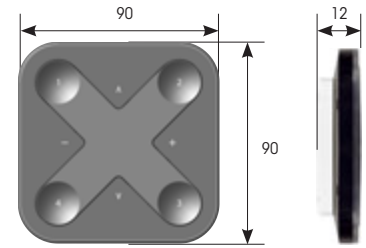
CODE	DESCRIPTION	IP
AOCTO/BT/WS	Indoor Wireless Switch	IP20



# OCTO Indoor Wireless Xpress Smart Switch Powered by Casambi

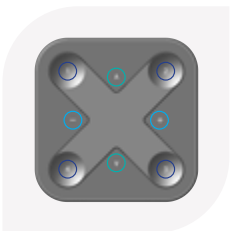


- Bluetooth enabled internal smart switches for use with OCTO Casambi eco-system and suitable for residential and commercial applications
- Multifunctional 4 way bluetooth enabled smart switch
- Settings easily commissioned by a smart device via the OCTO app
- Compatible with all other bluetooth OCTO Casambi devices as part of the OCTO Casambi ecosystem
- Integrated magnets ensure easy attachment to mounting bracket (mounting bracket supplied with switch)
- Range - within one room up to 30 metres line of sight



OCTO  
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**CASAMBI**



#### 4 Corner Preset Buttons

Used to control a group, sub groups or individual luminaires, recall scenes and recall animations



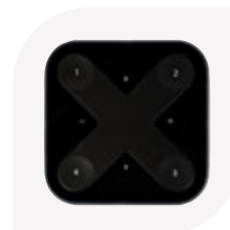
#### Dimming Buttons

Multi-gesture up and down dimming buttons allow user complete control over light levels



#### Multipurpose Buttons

Additional multipurpose buttons allow user to alter the colour temperature or the indirect/direct light ratio (on applicable fittings only)



Black



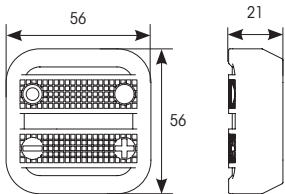
Corner illumination indicates which preset button is active

CODE	DESCRIPTION	IP
AOCTO/XP/WS/W	Indoor Wireless Switch - White	IP20
AOCTO/XP/WS/B	Indoor Wireless Switch - Black	

# OCTO IP65 Wireless Smart Switch Powered by Casambi



- Bluetooth enabled external smart switch for use with OCTO Casambi eco-system and suitable for residential and commercial applications
- Wireless soft outdoor remote control
- Compatible with all other bluetooth OCTO Casambi devices as part of the OCTO Casambi ecosystem
- Magneto-resistive power source
- Spill and shock resistant
- Advantages of a wireless system, no batteries required maintenance free
- Integrated magnet allows it to be stuck on any metallic area
- Range - 30 metres



OCTO  
Embedded

Powered by  
CASAMBI

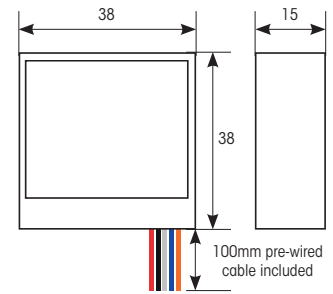
CODE	DESCRIPTION	IP
AOCTO/BT/WS/IP65	Outdoor Wireless Switch	IP65



# OCTO Wireless Push to Make Switch Interface Powered by Casambi

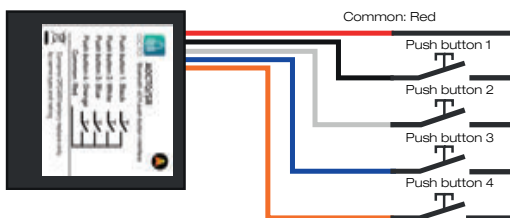


- Bluetooth enabled smart 4 channel push to make switch interface
- Unit retrofits into existing push switch, making it smart enabled
- Compatible with all other bluetooth OCTO Casambi devices as part of the OCTO Casambi ecosystem
- Slim 15mm profile suitable for installation into 35mm recessed pattress
- Pre-wired ensuring a fast and easy installation into pre-existing wall switch
- Compact housing allows installation into pre-existing wall box so no additional work is required
- 3V lithium battery operated negating the requirement for mains wiring
- Can be used to control a group, sub groups or individual luminaires on a 1-4 button push switch
- Settings easily commissioned by a smart device via the OCTO app



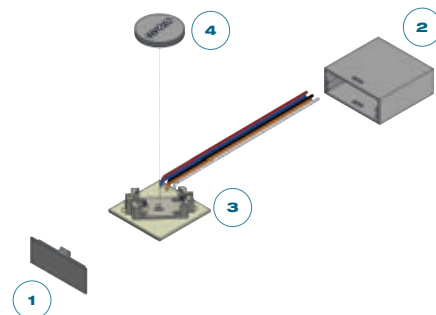
**OCTO**  
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**CASAMBI**



## Connection Diagram

Wires connected to the external push buttons. We suggest to keep the wires long enough, so battery replacement is possible without disconnecting the push buttons



## Battery Replacement

When battery indicator is showing a low level, a new battery will be needed. (Battery is available as spare part).

Remove the cover (1) from the box (2).  
Pull out the PCB (3) slowly until the battery (4) can be removed.  
Replace battery and assure it is locked before sliding the PCB back in and putting the lit cover on.

CODE	DESCRIPTION	IP
AOCTO/SR	4 Channel Push to Make Switch Interface	IP20



### Controller to Lighting Setup

Connect OCTO indoor/outdoor controller Powered by Casambi to current lighting setup



### Controller to Lighting Setup

Connect OCTO indoor/outdoor controller Powered by Casambi to current lighting setup



### Consumer Unit to Controller

Connect live cable from consumer unit to Connect OCTO indoor/outdoor controller Powered by Casambi



Turn your switches into

# Smart Switches

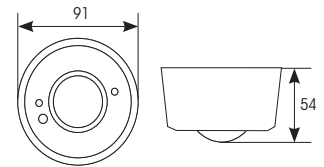
The 4 channel push to make switch interface retrofits into existing push switches, making them smart enabled (up to 4 gang push to make switches only). See above how the interface will integrate into your current switch setup.



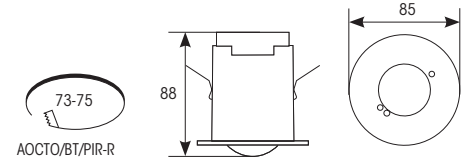
# OCTO Smart PIR Sensors Powered by Casambi



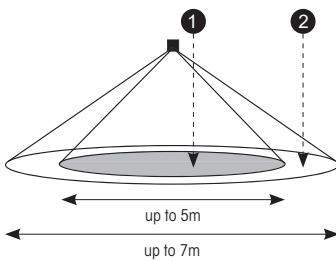
- Bluetooth enabled surface and recessed smart PIR sensors for use with OCTO Casambi eco-system and suitable for commercial applications
- Compatible with all other bluetooth OCTO Casambi devices as part of the OCTO Casambi ecosystem
- Infrared PIR detector and photocell
- Suitable for residential and commercial applications
- Loop-in, loop-out internal connections for ease of installation
- Detection range strength: 1) Strong detection zone i.e. person moving arm or walking towards PIR  
2) Secondary detection zone i.e. person walking perpendicular to PIR



AOCTO/BT/PIR-S



AOCTO/BT/PIR-R



For optimum coverage recommended  
mounting height: 2.4m to 5m



**OCTO**  
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Indoor Recessed PIR Sensor  
AOCTO/BT/PIR-R



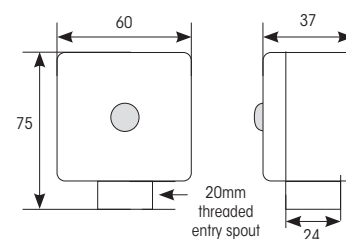
Indoor Surface PIR Sensor  
AOCTO/BT/PIR-S

CODE	DESCRIPTION	INPUT	HERTZ	CLASS	IP
AOCTO/BT/PIR-R	Smart Recessed PIR Sensor - White	220/240V	50/60Hz	2	IP20
AOCTO/BT/PIR-S	Smart Surface PIR Sensor - White				

# OCTO IP65 Smart PIR Sensor Powered by Casambi



- Bluetooth enabled surfaced external smart PIR sensors for use with the OCTO Casambi eco-system suitable for commercial and industrial applications.
- Compatible with all other bluetooth OCTO Casambi devices as part of the OCTO Casambi ecosystem
- Suitable for residential and commercial applications
- Infrared PIR detector and photocell
- Detection range strength:
  - 1) Strong detection zone(5m) i.e. person walking towards PIR
  - 2) Secondary detection zone (10m, 8m) i.e. person walking perpendicular to PIR



For optimum coverage recommended  
mounting height: 1m to 2.2m



Powered by  
**CASAMBI**

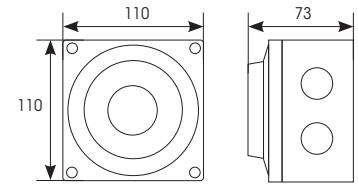


CODE	DESCRIPTION	INPUT	HERTZ	CLASS	IP
AOCTO/BT/PIR/IP65-S	Smart IP65 Surface PIR Sensor - Black	220/240V	50/60Hz	2	IP65

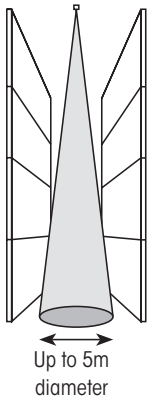
# OCTO IP66 Smart High Bay Racking Aisle PIR Sensor Powered by Casambi



- Bluetooth enabled IP66 smart highbay sensor for use with the OCTO Casambi eco-system suitable for racking aisle warehouse applications.
- Compatible with all other bluetooth OCTO Casambi devices as part of the OCTO Casambi ecosystem
- Infrared PIR detector and photocell
- Suitable for industrial high bay racking aisle applications with high mounting points (up to 20 metres)
- Fast and easy commissioning via the App



Mounting height  
up to 20m  
Perspective view -  
ceiling mounted



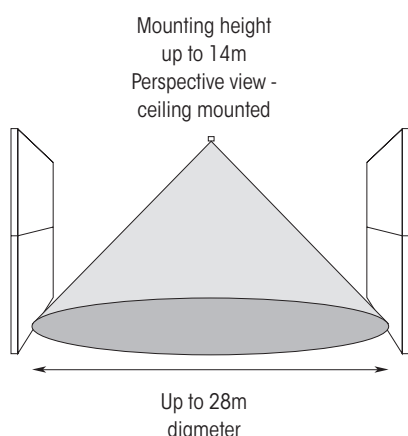
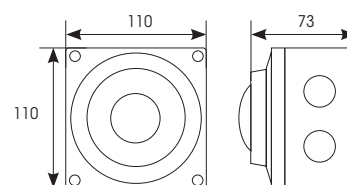
CODE	DESCRIPTION	INPUT	HERTZ	TEMP	IP	CLASS
AOCTO/BT/PIR/IP66/HBSP	Smart IP66 High Bay PIR Sensor - Racking Aisle	100/240V	50/60Hz	-20°C to 40°C	IP66	2

# OCTO IP66 Smart High Bay Open Area PIR Sensor Powered by Casambi



85

- Bluetooth enabled IP66 smart highbay sensor suitable for use with OCTO Casambi eco-system suitable for open area warehouse applications
- Compatible with all other bluetooth OCTO Casambi devices as part of the OCTO Casambi ecosystem
- Infrared PIR detector and photocell
- Suitable for industrial high bay open area applications with high mounting points (up to 14 metres)
- Fast and easy commissioning via the App



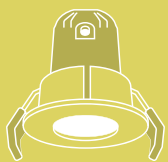
Powered by  
**CASAMBI**



CODE	DESCRIPTION	INPUT	HERTZ	TEMP	IP	CLASS
AOCTO/BT/PIR/IP66/HBWD	Smart IP66 High Bay PIR Sensor - Open Area	100/240V	50/60Hz	-20°C to 40°C	IP66	2







# Downlights

With dozens of models to choose from, our extensive range of LED downlights cater for every application.

From fire rated to UGR<19, high performance and OCTO smart control, we have the ideal luminaire for all project specifications, including low profile designs, ideal for installation in shallow ceiling voids.

For optimum functionality, many of our recessed lights are also available in different emergency and dimming options, as well as in a variety of stylish finishes and sizes.

92



**LED FIRE RATED**

102



**LED**

130



**INTERNAL  
SURFACE LED**

135



**EXTERNAL  
SURFACE LED**

139



**GU10 FIRE RATED**

148



**GU10**

156



**ACCESSORIES**







# Performance Downlights

Performance downlights are ideal for open areas and larger rooms such as living areas in a home, school or college communal areas as well as commercial premises, where the required lux levels need to be achieved using the fewest number of luminaries possible. Performance downlights produce a high level of light and can be used in areas where low glare and viewing comfort is not a requirement.



## Galaxy

### Application Example

Large commercial offices



## Comfort EVO

### Application Example

Large commercial offices



## Vantage SMD

### Application Example

Commercial office spaces



## Prism Pro

### Application Example

Residential

## Lodi

### Application Example

Residential



Specification / Application



# Architectural Downlights

89

Architectural downlights are predominantly used in areas where glare control and viewing comfort is a high priority, such as in classrooms, in offices above workers desks and in retail applications. A more comfortable light can be achieved by using more glare control luminaires in a space to achieve a better quality and more comfortable light to work in.



## Unity Downlight and Wallwash

### Application Example

Large retail space



## Unity Square and Rectangular

### Application Example

Retail spaces

## Unity GC Pro Fixed

### Application Example

Hotel rooms/lounge



## Prism Pro

### Application Example

Residential

## Prism Pro Anti-glare

### Application Example

Residential



Specification / Application

# ARE YOU LOOKING FOR A FIRE RATED DOWNLIGHT THAT COMPLIES WITH ANY CEILING TYPE?

Our industry-leading downlights have passed relevant testing to ensure full compliance in all ceiling types, **Solid Timber, I-joist and Metal Web**.

Our products also meet these regulations:

Part B  
Fire Safety



Part C Moisture  
Protection



Part E  
Acoustic Resistance



Part L Energy  
Efficiency



Product Range				
Solid Timber	30 min	WF408531	WF431368	WF431368 Rev B
	60 min	WF408527	WF431371	WF431371 Rev B
	90 min	WF408530	WF431367	WF431367 Rev B
I-Joist	30 min	WF408531	WF431368 - YC 2392 1 RA	WF431368 Rev B
	60 min	WF408527	WF431371	WF431371 Rev B
	90 min		WF431367	WF431367 Rev B
Metal Web	30 min		WF431368	WF431368 Rev B
	60 min		WF431371	WF431371 Rev B
	90 min		WF431367	WF431367 Rev B

\* Inclusive of Prism Pro Downlight variants (APRIP/) only - For all certification numbers please visit our website [www.ansell-lighting.com](http://www.ansell-lighting.com)



## Solid Timber

The Solid Timber joist is the traditional ceiling joist used and typically is only found in domestic dwellings already constructed. They are widely used within internal floor and separating constructions for both residential and commercial applications.

Please refer to the Structural Timber Association website to see which of our downlights are suitable for installation in REI30-compliant floor constructions.



### 30 minute construction

600mm Joist Centres  
220mm x 63mm  
15mm Type A Wallboard Plasterboard

### 60 minute construction

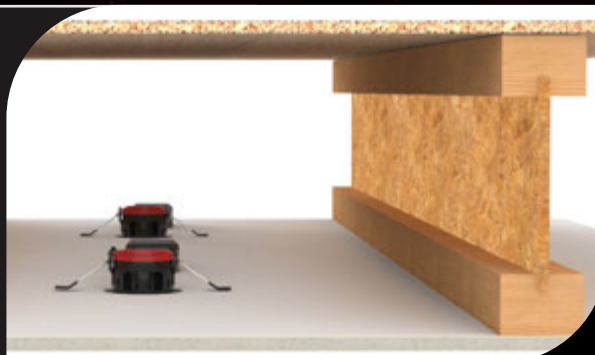
600mm Joist Centres  
220mm x 63mm  
2 x 15mm Type F Fireline Plasterboard

### 90 minute construction

450mm Joist Centres  
220mm x 63mm  
2 x 15mm Type F Fireline Plasterboard

## I-Joist

I-Joists are used on new builds throughout the UK and is a lightweight joist designed for domestic applications. I-Joist now dominate the housebuilding market and continue to grow in popularity as they have a greater strength to weight ratio compared other options.



### 30 minute construction

600mm Joist Centres  
220mm x 63mm – 9mm OSB/3 'web'  
15mm Type A Wallboard Plasterboard

### 60 minute construction

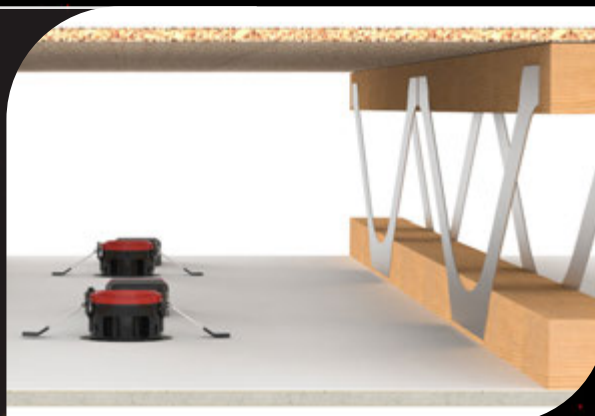
600mm Joist Centres  
220mm x 63mm – 9mm OSB/3 'web'  
2 x 15mm Type F Fireline Plasterboard

### 90 minute construction

450mm Joist Centres  
220mm x 63mm – 9mm OSB/3 'web'  
2 x 15mm Type F Fireline Plasterboard

## Metal Web / Open Web / Posi Joist

Metal Web or Posi Joist as it is sometimes called, is a new joist type used in the UK. Posi Joist combines the lightness of timber with the strength of the Posi Strut steel web allowing you to span far greater distances. This joist type can be used across a wide range of applications for both floor and roof in domestic, industrial and commercial applications.



### 30 minute construction

600mm Joist Centres  
PS9 (225mm x 0.9mm) + TR26 (47x72mm timber)  
15mm Type A Wallboard Plasterboard

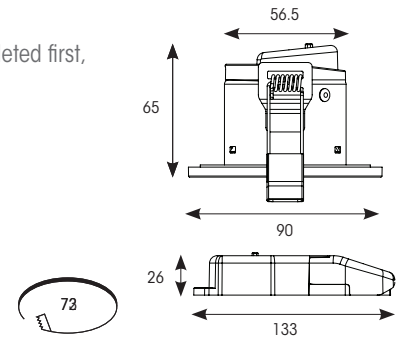
### 60 minute construction

600mm Joist Centres  
PS10 (253mm x 0.9mm) + TR26 (47x72mm timber)  
2 x 15mm Type F Fireline Plasterboard

# Prism Pro Fire Rated Downlight



- IP65 dimmable LED Fire Rated Downlight suitable for residential and hospitality applications
- CCT selectable between 2700K, 3000K, 4000K and 6000K and power selectable; offering a choice of 2 outputs, in one luminaire
- New innovative 2 part detachable connector design allows initial wiring and testing to be completed first, then simply plug the downlight back to the connector, ensuring a quick and simple installation
- Remote driver with 2x1.5mm<sup>2</sup> + CPC loop-in, loop-out colour coded push fit piano terminals provide an easy and efficient installation
- Low profile design and remote driver allows installation into shallow ceiling voids
- Fully tested for 30, 60 and 90 minute ceiling types to meet Part B of Building Regulations
- Fully tested to meet Part C (moisture), Part E (acoustic) and Part L (energy) of Building Regulations
- Wide 65° beam angle for increased light distribution



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Available bezel options  
Chrome, Satin Chrome and Black

INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP
220/240V	50/60Hz	-20°C to 35°C	L70 60,000	80	6	65°	1	IP65

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W	UGR
APRIP/1	CCT Selectable	5/7W	2700K/3000K/ 4000K/6000K	560lm - 740lm (4000K)	110lm/W - 105lm/W (4000K)	25
APRIP/1/MP1	CCT Selectable Multipack x 10					

\* UGR Value based on (4H - 8H)

CODE (ACCESSORIES)	DESCRIPTION
APRILEDPBZ/CH	Chrome Trim Bezel
APRILEDPBZ/SC	Satin Chrome Trim Bezel
APRILEDPBZ/BLK	Matt Black Trim Bezel
ACFLP/3	LED Emergency Lighting Pack

CODE (ACCESSORIES)	DESCRIPTION
APRILEDP/CP/MW	Converter Kit Matt White
APRILEDP/CP/CH	Converter Kit Chrome
APRILEDP/CP/SC	Converter Kit Satin Chrome
APRILEDP/CP/BLK	Converter Kit Black



## PRISM PRO

APRIP/1



### Fire Rated Downlight

Fully fire tested for 30, 60 and 90 minute ceiling types (solid timber, i-joist and metal web) to meet Part B of building regulations. A unique patented intumescent disc swells in high temperatures, helping to slow the spread of the fire, as well as Part C (moisture), Part E (acoustic) and Part L (energy efficiency). Converter plate options are



### Easy Installation

New innovative 2 part detachable connector design allows initial wiring and testing to be completed first, then simply plug the downlight back to the connector, ensuring a quick and simple installation



### Multi-wattage and CCT Selectable

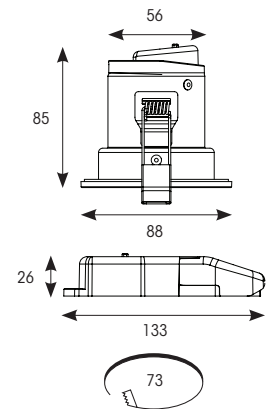
CCT selectable between 2700K, 3000K, 4000K and 6000K and power selectable between 5/7W; offering a choice of 2 outputs, in one luminaire for maximum versatility



# Prism Pro Fire Rated Anti-Glare Downlight



- 220-240V IP65 LED dimmable CCT fire rated architectural downlight suitable for residential and hospitality applications
- CCT selectable between 2700K, 3000K, 4000K and 6000K and power selectable; offering a choice of 2 outputs, in one luminaire
- Supplied with matt white bezel as standard. Chrome, satin chrome and matt black bezels sold separately
- Anti-glare design to create visual comfort
- New innovative 2 part detachable connector design allows initial wiring and testing to be completed first, then simply plug the downlight back to the connector, ensuring a quick and simple installation
- Remote driver with 2x1.5mm<sup>2</sup> + CPC loop-in, loop-out colour coded push fit piano terminals provide an easy and efficient installation
- Low profile design and remote driver allow installation into shallow ceiling voids
- Fully tested to meet Part C (moisture), Part E (acoustic) and Part L (energy) of Building Regulations

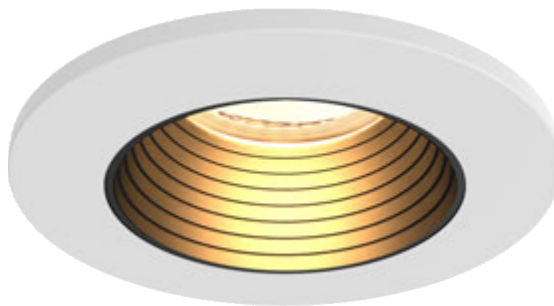


Architectural  
Downlight



OCTO  
Compatible

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Available bezel accessories  
White Bezel with white insert, Black Bezel with matt black insert, chrome Bezel with matt black insert and Satin Chrome Bezel with matt black insert

INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP
220/240V	50/60Hz	-20°C to 35°C	L70 60,000	80	6	55°	1	IP65

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W	UGR
APRIPAG/1	CCT Selectable	5/7W	2700/3000/4000/6000K	450lm - 580lm (4000K)	90lm/W - 80lm/W (4000K)	20

\* UGR Value based on (4H - 8H)

CODE (ACCESSORIES)	DESCRIPTION
APRILEDPBZ/AG/WW	White Trim Bezel with White Insert
APRILEDPBZ/AG/BB	Matt Black Trim Bezel with Matt Black Insert
APRILEDPBZ/AG/CHB	Chrome Trim Bezel with Matt Black Insert
APRILEDPBZ/AG/SCB	Satin Chrome Trim Bezel with Matt Black Insert

CODE (ACCESSORIES)	DESCRIPTION
ACFLP/3	LED Emergency Lighting Pack



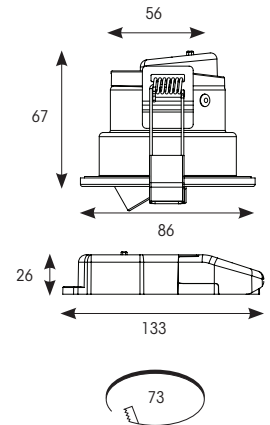


# Prism Pro

## Fire Rated Gimbal



- 220-240V IP20 dimmable LED 4 CCT selectable fire rated performance gimbal suitable for residential and hospitality applications
- CCT selectable between 2700K, 3000K, 4000K and 6000K and power selectable; offering a choice of 2 outputs, in one luminaire
- 30° tilt angle
- New innovative 2 part detachable connector design allows initial wiring and testing to be completed first, then simply plug the downlight back to the connector, ensuring a quick and simple installation
- Remote driver with 2x1.5mm<sup>2</sup> + CPC loop-in, loop-out colour coded push fit piano terminals provide an easy and efficient installation
- Low profile design and remote driver allows installation into shallow ceiling voids
- Fully tested for 30, 60 and 90 minute ceiling types to meet Part B of Building Regulations
- Fully tested to meet Part E (acoustic) and Part L (energy) of Building Regulations
- Wide 70° beam angle for increased light distribution



OCTO  
Compatible

Powered by  
**CASAMBI**



Available options  
Chrome, Satin Chrome and Black

INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP
220/240V	50/60Hz	-20°C to 35°C	L70 60,000	80	6	70°	1	IP20

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W	UGR
APRIPG/1/WH	CCT Selectable - Matt White	5/7W	2700K/3000K/ 4000K/6000K	530lm (5W 4000K) 690lm (7W 4000K)	100lm/W (5W 4000K) 105lm/W (7W 4000K)	28
APRIPG/1/CH	CCT Selectable - Chrome					
APRIPG/1/SC	CCT Selectable - Satin Chrome					
APRIPG/1/BLK	CCT Selectable - Black					

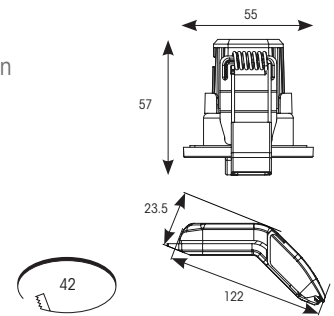
\* UGR Value based on (4H - 8H)

CODE (ACCESSORIES)	DESCRIPTION
ACFLP/3	LED Emergency Lighting Pack

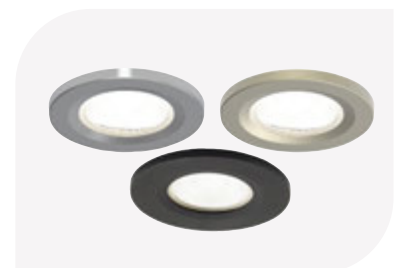
# Prism Pro Mini CCT Fire Rated Downlight



- Miniature IP65 Fire rated performance downlight suitable for residential and hospitality applications
- Ultra slim remote driver with loop-in, loop-out push fit terminals provide an easy and efficient installation
- Can be used as the sole light source or as a complimentary product to Prism Pro / Prism Pro Anti-Glare
- Unique angled LED driver for easy installation through the smaller downlight cut out
- Detachable LED driver for fast fix install
- Low profile design and arched remote driver allows installation into shallow ceiling voids
- Fully tested for 30, 60 and 90 minute ceiling types to meet Part B of Building Regulations
- Fully tested to meet Part C (moisture), Part E (acoustic) and Part L (energy) of Building Regulations



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Available bezel options  
Chrome, Satin Chrome and Black

INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP
220/240V	50/60Hz	-5°C to 25°C	L80 54,000	80	6	60°	2	IP65

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W	UGR
APRILEDP/MINI/CCT	CCT Selectable	5W	2700K/3000K/4000K/6000K	450lm (4000K)	90lm/W (4000K)	29

\* UGR Value based on (4H - 8H)

CODE (ACCESSORIES)	DESCRIPTION
APRILEDP/MINIBZ/BLK	Matt Black Trim Bezel
APRILEDP/MINIBZ/CH	Chrome Trim Bezel
APRILEDP/MINIBZ/SC	Satin Chrome Trim Bezel

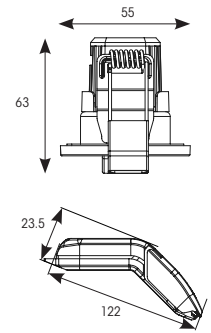
CODE (ACCESSORIES)	DESCRIPTION
ACFLP/3	LED Emergency Lighting Pack



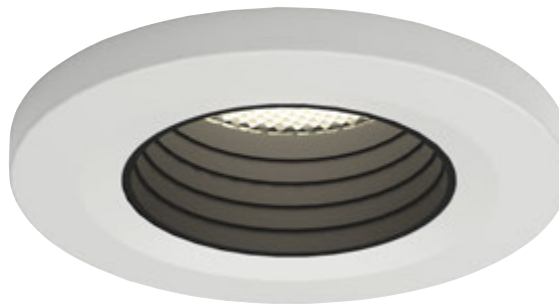
# Prism Pro Mini Fire Rated Anti-Glare Downlight



- Miniature IP65 Fire rated architectural downlight suitable for residential and hospitality applications
- CCT selectable between 2700K, 3000K, 4000K and 6000K
- Ultra slim detachable driver with loop-in, loop-out push fit terminals provide an easy and efficient installation
- Can be used as the sole light source or as a complimentary product to Prism Pro / Prism Pro Anti-Glare
- Supplied with matt white bezel as standard. Chrome, satin chrome and matt black bezels sold separately
- Anti-glare design to create visual comfort
- Low profile design and arched remote driver allows installation into shallow ceiling voids
- Fully tested for 30, 60 and 90 minute ceiling types to meet Part B of Building Regulations
- Fully tested to meet Part C (moisture) and Part E (acoustic) of Building Regulations



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**CASAMBI**



Available bezel accessories  
White bezel with white insert, Black bezel with matt black insert, Chrome bezel with matt black insert and Satin Chrome bezel with Matt Black insert

INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP
220/240V	50/60Hz	-5°C to 25°C	L80 54,000	80	6	55°	2	IP65

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W	UGR
APRIPMINIAG/1	CCT Selectable	5W	2700K/3000K/4000K/6000K	280lm (4000K)	60lm/W (4000K)	20

\* UGR Value based on (4H - 8H)

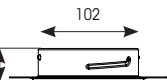
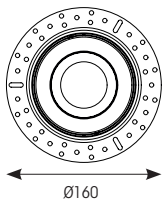
CODE (ACCESSORIES)	DESCRIPTION
APRIPMINIAG/BZ/WW	White Trim Bezel with White Insert
APRIPMINIAG/BZ/BB	Matt Black Trim Bezel with Matt Black Insert
APRIPMINIAG/BZ/CHB	Chrome Trim Bezel with Matt Black Insert
APRIPMINIAG/BZ/SCB	Satin Chrome Trim Bezel with Matt Black Insert

CODE (ACCESSORIES)	DESCRIPTION
ACFLP/3	LED Emergency Lighting Pack





# Prism Pro Trimless Bezel Kit



- Trimless bezel kit designed for use with: APRIP/1/OCTOW/\*\* and APRIP/1
  - Steep baffle construction recesses the downlight providing a deep cut-off angle ensuring maximum glare control and visual comfort
  - Intelligent 2 part kit design is accessible from underneath the ceiling both during and after installation. The main body can be fixed to the ceiling whilst the internal 'push to release' main cone can be attached afterwards. This allows for quicker and easier installation and product maintenance
  - Suitable for residential and commercial applications, providing an architectural and modern appearance
  - Pre-drilled screw holes ensure a quick and easy installation
  - Wide design allows suitability for retro-fit applications replacing hole cut-outs up to 160mm
- Please note: This product comes supplied less downlight**



Without Prism Pro installed

CODE	DESCRIPTION
APRILEDP/TRIM	Prism Pro Trimless Bezel Kit

CODE (ACCESSORIES)	DESCRIPTION
APRIP/1/OCTOW/TW	WiZ Enabled Fire Rated Downlight - TW
APRIP/1/OCTOW/RGBTW	WiZ Enabled Fire Rated Downlight - RGBTW

CODE (ACCESSORIES)	DESCRIPTION
APRIP/1	Fire Rated Downlight - CCT Selectable



## TRIMLESS BEZEL KIT



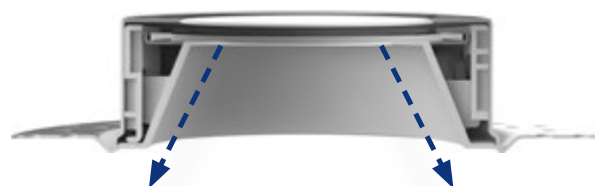
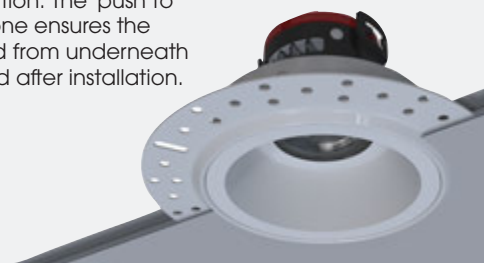
### Versatile

The Trimless kit can be used with all Prism Pro LED Fire Rated Downlights. This includes our OCTO WIZ enabled downlight, 3000K, 4000K and colour temperature selectable models.

**\* Not applicable for use with gimbal or non-Prism Pro LED models**

### Simple Installation

The main body can be easily secured to the ceiling plasterboard, with the multiple holes allowing for flexible installation. The 'push to release' designed main cone ensures the Prism Pro can be accessed from underneath the ceiling both during and after installation.

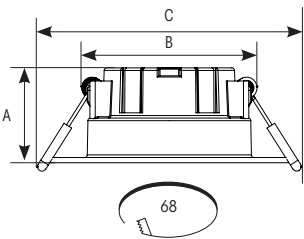


### Reduced Glare Design

Steep baffle construction recesses the LED module and diffuser providing a deep cut-off angle ensuring maximum glare control and visual comfort.

# Ergo Eco

- Compact polycarbonate LED downlight and gimbal suitable for residential applications and semi-commercial applications (gimbal version only)
- IP44 rating as standard allows for a range of installation applications (downlight version only)
- Low profile design with integral driver with loop-in, loop-out terminals for ease and speed of installation
- Supplied pre-wired with 200mm of cable
- Triac dimmable as standard



Gimbal

INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP		
220/240V	50/60Hz	-20°C to 40°C	L70 25,000	80	6	40°	2	IP44*		
* Gimbal IP20										
CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W	UGR	A	B	C	
AERGO/WW	Warm White	5W	3000K	590lm	118lm/W	26	36mm	66mm	100mm	
AERGO/CW	Cool White		4000K	590lm	118lm/W					
AERGO/DL	Daylight		6500K	600lm	120lm/W					
AERGO/GIM/WW	Warm White	5W	3000K	560lm	112lm/W	26	37mm	64mm	101mm	
AERGO/GIM/CW	Cool White		4000K	560lm	112lm/W					
AERGO/GIM/DL	Daylight		6500K	590lm	118lm/W					

\* UGR Value based on (4H - 8H)

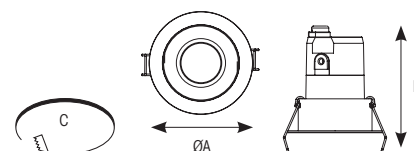




# Unity GC Pro Fixed



- Compact high performance architectural adjustable downlight suitable for residential applications
- Deep cut-off angle for glare control and comfort
- Die-cast aluminium construction, powder coated
- Mirror finished anodized reflector for optimum light control
- Remote driver with plug and play connection



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INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP
220/240V	50/60Hz	-20°C to 50°C	L80 56,000	90	6	30°	2	IP44

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W	UGR	A	B	C
AGCP1/1/CW	Cool White	3W	4000K	140lm	47lm/W	<10	48mm	48mm	39mm
AGCP1/1/WW	Warm White		3000K	130lm	43lm/W	<10	48mm	48mm	39mm
AGCP2/1/CW	Cool White	7W	4000K	310lm	45lm/W	<10	65mm	70mm	55mm
AGCP2/1/WW	Warm White		3000K	280lm	40lm/W	<10	65mm	70mm	55mm
AGCP3/1/CW	Cool White	14W	4000K	780lm	57lm/W	<10	78mm	81mm	68mm
AGCP3/1/WW	Warm White		3000K	720lm	53lm/W	<10	78mm	81mm	68mm

\* UGR Value based on (4H - 8H)

CODE (OPTIONS)	DESCRIPTION
/OCTO	OCTO Smart Control
/DD	Digital Dimming (DD1/DD3/DD4)

CODE (ACCESSORIES)	DESCRIPTION
ACFLP/3	LED Emergency Lighting Pack *
* (3W and 7W Only)	

Sturdy spring clips provide tight and lasting position once installed

Aluminium heatsink for optimum thermal management to ensure long lifetime cycle

High quality LED light engine

Protective spring clip covers for ceiling protection and ease of installation

Mirror finished anodized reflector optimises light distribution providing an excellent and uniform output

Anti-glare diffuser provides visual comfort and optimum light distribution

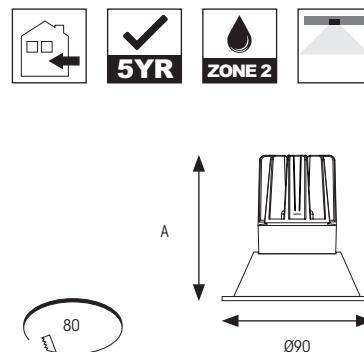
Specially designed baffle construction with recessed LED module and diffuser provide a steep cut-off angle ensuring maximum glare control and visual comfort

Slim profile matt white bezel provides sleek and modern appearance



# Unity 80 Downlight and Gimbal

- IP44 (downlight only) compact high performance architectural downlight and gimbal suitable for commercial, hospitality and retail applications
- UGR<19 (unified glare rating) compliant luminaire assisting to eliminate glare for visual comfort
- 30° tilt angle (gimbal only)
- Die-cast aluminium construction, powder coated and 30° cut-off angle
- Mirror finished anodized reflector
- Anti-glare design to create visual comfort
- Remote driver with plug and play connection
- Powered by Tridonic



Powered by  
**CASAMBI**



INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	BEAM ANGLE	CLASS	IP
220/240V	50/60Hz	-20°C to 25°C	L70 50,000	90	55°	2	IP44*

\* Gimbal IP20

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W	SDCM	UGR	A
<b>AULED80D</b>	Cool White	15W	4000K	1200lm	77lm/W	3	19	83mm
<b>AULED80D/WW</b>	Warm White	15W	3000K	800lm	55lm/W	5		
<b>AULED80GIM</b>	Cool White	15W	4000K	1200lm	80lm/W	3	18	73mm
<b>AULED80GIM/WW</b>	Warm White	15W	3000K	800lm	55lm/W	5		

\* UGR Value based on (4H - 8H)

CODE (OPTIONS)	DESCRIPTION
<b>/M3</b>	Emergency
<b>/SM3</b>	Self-Test Emergency
<b>/DM3</b>	DALI Emergency

CODE (OPTIONS)	DESCRIPTION
<b>/OCTO</b>	OCTO Smart Control
<b>/DD</b>	Digital Dimming (DD1/DD3/DD4)

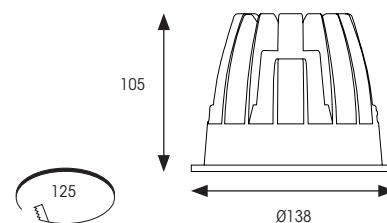




# Unity 125 Downlight



- IP44 compact high performance architectural downlight suitable for commercial, hospitality and retail applications
- UGR<19 (unified glare rating) compliant luminaire assisting to eliminate glare for visual comfort
- Die-cast aluminium construction, powder coated and 30° cut-off angle
- Mirror finished anodized reflector
- Anti-glare design to create visual comfort
- Remote driver with plug and play connection
- Dimmable and emergency options
- Powered by Tridonic



Powered by  
**CASAMBI**



INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP
220/240V	50/60Hz	-20°C to 25°C	L80 60,000	90	3	65°	2	IP44

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W	UGR
<b>AULED125D</b>	Cool White	21W	4000K	1500lm	72lm/W	17
<b>AULED125D/WW</b>	Warm White		3000K	1400lm	66lm/W	
<b>AULED125DHP</b>	Cool White	28W	4000K	2400lm	85lm/W	18
<b>AULED125DHP/WW</b>	Warm White		3000K	2300lm	82lm/W	

\* UGR Value based on (4H - 8H)

CODE (OPTIONS)	DESCRIPTION
<b>/M3</b>	Emergency
<b>/SM3</b>	Self-Test Emergency
<b>/DM3</b>	DALI Emergency

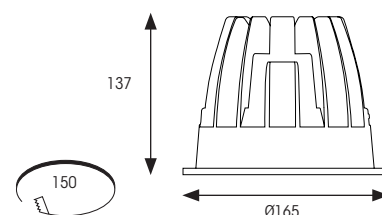
CODE (OPTIONS)	DESCRIPTION
<b>/OCTO</b>	OCTO Smart Control
<b>/DD</b>	Digital Dimming (DD1/DD3/DD4)

# Unity 150 Downlight

- IP44 compact high performance architectural downlight suitable for commercial, hospitality and retail applications
- Die-cast aluminium construction, powder coated and 30° cut-off angle
- Mirror finished anodized reflector
- Anti-glare design to create visual comfort
- Remote driver with plug and play connection
- Dimmable and emergency options
- Powered by Tridonic



109



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INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP
220/240V	50/60Hz	-20°C to 25°C	L80 60,000	90	3	70°	2	IP44

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LMW	UGR
<b>AULED150D</b>	Cool White	37W	4000K	3200lm	88lm/W	22
<b>AULED150D/WW</b>	Warm White	37W	3000K	2900lm	78lm/W	22
<b>AULED150DHP</b>	Cool White	41W	4000K	3900lm	95lm/W	22

\* UGR Value based on (4H - 8H)

CODE (OPTIONS)	DESCRIPTION
<b>/M3</b>	Emergency
<b>/SM3</b>	Self-Test Emergency
<b>/DM3</b>	DALI Emergency

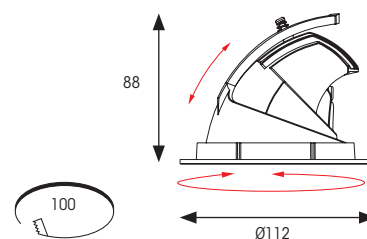
CODE (OPTIONS)	DESCRIPTION
<b>/OCTO</b>	OCTO Smart Control
<b>/DD</b>	Digital Dimming (DD1/DD3/DD4)



# Unity 100 Wallwash



- Recessed adjustable architectural wallwash with 355° rotation suitable for commercial, hospitality and retail applications
- UGR<19 (unified glare rating) compliant luminaire assisting to eliminate glare for visual comfort
- Adjustable tilt angle from -15° to 45°
- 30° cut-off angle in the horizontal position
- Die-cast aluminium body and heatsink for good thermal management
- Remote driver with plug and play connection
- Dimmable options
- Powered by Tridonic



reddot award  
winner lighting design



Powered by  
**CASAMBI**

## Angle Variant Options



Flush, inverted and directional

INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	BEAM ANGLE	CLASS	IP
220/240V	50/60Hz	-20°C to 25°C	L70 50,000	90	55°	2	IP20

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W	SDCM	UGR
<b>AULED100WW</b>	Cool White	15W	4000K	1300lm	84lm/W	3	17

\* UGR Value based on (4H - 8H)

CODE (OPTIONS)	DESCRIPTION	CODE (OPTIONS)	DESCRIPTION
<b>/OCTO</b>	OCTO Smart Control	<b>/DD</b>	Digital Dimming (DD1/DD3/DD4)

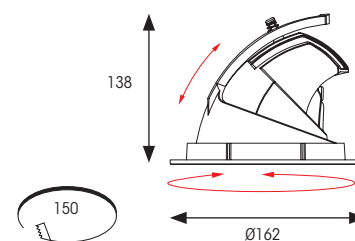




# Unity 150 Wallwash



- Recessed adjustable architectural wallwash with 355° rotation suitable for commercial, hospitality and retail applications
- UGR<19 (unified glare rating) compliant luminaire assisting to eliminate glare for visual comfort
- Adjustable tilt angle from -15° to 45°
- 30° cut-off angle in the horizontal position
- Die-cast aluminium body and heatsink for good thermal management
- Remote driver with plug and play connection
- Dimmable options
- Powered by Tridonic



reddot award  
winner lighting design



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**CASAMBI**



## Angle Variant Options



Flush, inverted and directional

INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP
220/240V	50/60Hz	-20°C to 25°C	L80 60,000	90	3	55°	2	IP20

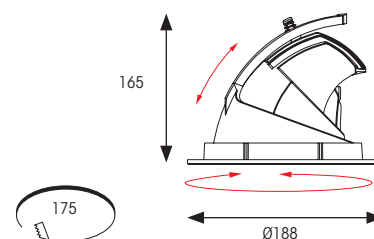
CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W	UGR
<b>AULED150WW</b>	Cool White	28W	4000K	2700lm	93lm/W	16

\* UGR Value based on (4H - 8H)

CODE (OPTIONS)	DESCRIPTION	CODE (OPTIONS)	DESCRIPTION
<b>/OCTO</b>	OCTO Smart Control	<b>/DD</b>	Digital Dimming (DD1/DD3/DD4)

# Unity 175 Wallwash

- Recessed adjustable architectural wallwash with 355° rotation suitable for commercial, hospitality and retail applications
- UGR<19 (unified glare rating) compliant luminaire assisting to eliminate glare for visual comfort
- Adjustable tilt angle from -15° to 45°
- 30° cut-off angle in the horizontal position
- Die-cast aluminium body and heatsink for good thermal management
- Remote driver with plug and play connection
- Dimmable options
- Powered by Tridonic



reddot award  
winner lighting design



Powered by  
**CASAMBI**



## Angle Variant Options



Flush, inverted and directional

INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP
220/240V	50/60Hz	-20°C to 25°C	L70 50,000	90	3	55°	2	IP20

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W	UGR
<b>AULED175WW</b>	Cool White	35W	4000K	3200lm	88lm/W	15

\* UGR Value based on (4H - 8H)

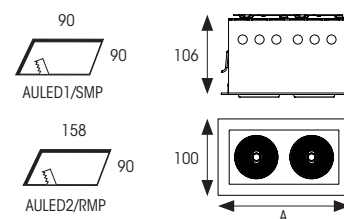
CODE (OPTIONS)	DESCRIPTION	CODE (OPTIONS)	DESCRIPTION
<b>/OCTO</b>	OCTO Smart Control	<b>/DD</b>	Digital Dimming (DD1/DD3/DD4)



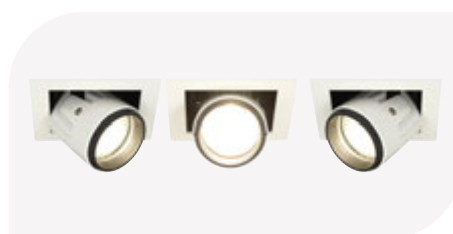
# Unity S and R Retractable



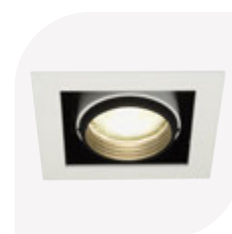
- Retractable head recessed adjustable architectural downlight suitable for commercial, hospitality and retail applications
- UGR<19 (unified glare rating) compliant luminaire assisting to eliminate glare for visual comfort
- Full 360° head rotation and 90° tilting capability
- Retractable head design allows for a range of installation applications
- Black trim provides excellent glare control
- Steel housing with die-cast aluminium body for excellent thermal management
- Remote driver with plug and play connection
- Dimmable options
- Powered by Tridonic



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**CASAMBI**



Fully retractable head with 360° rotation and 90° tilting capability



Square version

INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP
220/240V	50/60Hz	-20°C to 25°C	L80 60,000*	90	5	50°	2	IP20

\* AULED2/RMP L70 50,000

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W	UGR	A
<b>AULED1/SMP</b>	Cool White - Square	15W	4000K	1000lm	73lm/W	14	100mm
<b>AULED2/RMP</b>	Cool White - Rectangular	2 x 15W	4000K	2 x 1000lm	73lm/W		172mm

\* UGR Value based on (4H - 8H)

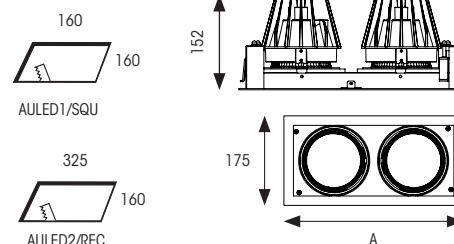
CODE (OPTIONS)	DESCRIPTION	CODE (OPTIONS)	DESCRIPTION
<b>/OCTO</b>	OCTO Smart Control	<b>/DD</b>	Digital Dimming (DD1/DD3/DD4)



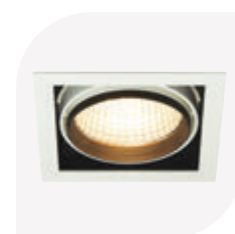
# Unity S and R



- Square and Rectangular recessed adjustable architectural downlight suitable for commercial, hospitality and retail applications
- UGR<19 (unified glare rating) compliant luminaire assisting to eliminate glare for visual comfort
- Fully adjustable tilt angle 30° on two axis
- Black trim provides excellent glare control
- Steel housing with die-cast aluminium body for good thermal management
- Remote driver with plug and play connection
- Dimmable options
- Powered by Tridonic



Powered by  
**CASAMBI**



Square version

INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP
220/240V	50/60Hz	-20°C to 25°C	L80 60,000	90	3	40°	2	IP20

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W	UGR	A
<b>AULED1/SQU</b>	Cool White - Square	37W	4000K	3100lm	88lm/W	<10	175mm
<b>AULED2/REC</b>	Cool White - Rectangular	2 x 37W	4000K	2 x 3100lm	88lm/W	13.2	350mm

\* UGR Value based on (4H - 8H)

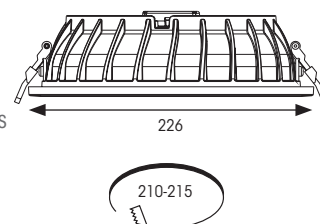
CODE (OPTIONS)	DESCRIPTION	CODE (OPTIONS)	DESCRIPTION
<b>/OCTO</b>	OCTO Smart Control	<b>/DD</b>	Digital Dimming (DD1/DD3/DD4)



# Galaxy



- Multi-wattage compact IP65 LED performance downlight suitable for education, commercial and healthcare applications
- Cut-out dimensions suitable to replace most PLC downlights
- Fitting and driver pre-wired with ST18 connectors
- Faceted reflector and optical fresnel lens provides outstanding performance, uniformity and glare control
- Removable twist on, twist off bezel provides option of utilising alternative bezel and drop glass accessories
- Dimmable and Emergency options, standard and Self-Test Emergency available using the Hawk Kit Emergency Pack
- Powered by Philips



Powered by  
**CASAMBI**



INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP
220/240V	50/60Hz	-20°C to 35°C	L80 36,000	80	5	100°	2	IP65

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W	UGR
<b>AGALD</b>	CCT Selectable - Multi-Wattage	11-16W	3000K/4000K	1400-2000lm (4000K)	131-125lm/W (4000K)	24

\* UGR Value based on (4H - 8H)

CODE (OPTIONS)	DESCRIPTION
<b>/DM3</b>	DALI Emergency

CODE (OPTIONS)	DESCRIPTION
<b>/OCTO</b>	OCTO Smart Control
<b>/DD</b>	Digital Dimming (DD1/DD3/DD4)

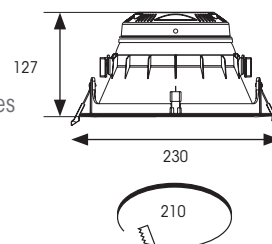
CODE (ACCESSORIES)	DESCRIPTION
<b>AGPL/DG1/W</b>	Drop Glass 1 - Clear outer ring with frosted centre disc c/w Trim Bezel - White
<b>AGPL/DG3/W</b>	Drop Glass 3 - Frosted glass halo with open centre c/w Trim Bezel - White
<b>AHUEMKIT/LI</b>	Maintained/Non-maintained - Universal Emergency Pack



# Comfort Tunable White



- Economic high performance OCTO enabled IP44 downlight suitable for commercial and healthcare applications
- Intelligent and eco-friendly 3 part design allows end user the choice of either black or white reflector and trim accessories to add to the downlight (ACOM\*/1), offering great customisation and product upgradability
- Deep cut-off angle for glare control and comfort
- One product provides complete control of colour temperature selection, ranging between 2700K and 6500K. Colour selection achieved via the Casambi App
- Full dimming control and circadian rhythm option via Casambi App
- Downlight design allows installation into existing hole cut-outs of 210mm
- Anti-Ligature kit available for installation in secure environments such as healthcare and educational facilities
- Polycarbonate housing with unique thermal management for durability and optimum lifespan
- Dimmable and Emergency options, standard and Self-Test Emergency available using the Hawk Kit Emergency Pack
- **Please note downlight and driver (ACOM/1/TW/OCTO) are sold separately from reflector (ACOM/TR\*/1) accessory are required for installation**



Powered by  
**CASAMBI**



Fitted with black trim  
and diffuser



Fitted with ARX Downlight  
Anti-Ligature kit

INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP
220/240V	50/60Hz	-15°C to 40°C	L80 60,000	80	3	80°	2	IP44

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W
ACOM/1/TW/OCTO	Tunable White	35W	2700K - 6500K	3500lm - 3700lm (2700K - 6500K)	100lm/W - 104lm/W (2700K - 6500K)

**STEP 1:** Select the above code **ACOM/1/TW/OCTO**

\*UGR Value based on (4H - 8H)

ACOM/TR/W/1	Reflector and Trim White
ACOM/TR/B/1	Reflector and Trim Black

**STEP 2:** Select a reflector and trim option from the above 2 codes e.g **ACOM/1/TR/W/1**. **NOTE** both components must be ordered for a successful installation.

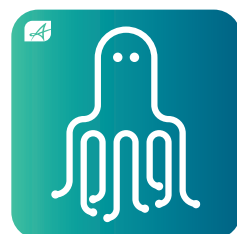
CODE (OPTIONS)	DESCRIPTION	CODE (OPTIONS)	DESCRIPTION
/M3	Emergency	/DM3	DALI Emergency

CODE (ACCESSORIES)	DESCRIPTION
AARXDLK/1	Downlight Anti-Ligature Kit
AHUEMKIT/LI	Maintained/Non-maintained - Universal Emergency Pack



# Complete... CCT Control

The Comfort LED Tunable White Downlight can achieve any specific colour temperature between 2700K and 6500K, ensuring suitability for a host of different application requirements. Tunable white LED fixtures allow you to adjust to a bluer, whiter light or a warmer, more amber light depending on the time of day. This can mimic patterns of natural daylight, stimulating the human circadian rhythm. Full tunability of colour temperature controlled via the Casambi app



OCTO™



2700K



4000K



6500K





## COMFORT EVO

ACOM1/1



### Multi CCT and Wattage

Dual power selectable with 3000/4000K colour temperature options



### Detachable Construction

For easy upgradability and installation versatility



### Hawk Kit Compatible

For easy emergency conversion



### Black Trim Available

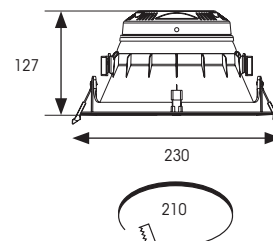
Black diffuser and trim accessories available

# Comfort EVO



121

- Economic high performance CCT selectable IP44 downlight suitable for commercial and healthcare applications
- Intelligent and eco-friendly 3 part design allows end user the choice of either black or white reflector and trim accessories to add to the downlight (ACOM\*/1), offering great customisation and product upgradability
- UGR<19 (unified glare rating) compliant luminaire assisting to eliminate glare for visual comfort if used with the Black Reflector (ACOM/TR/B/1)
- Deep cut-off angle for glare control and comfort
- CCT selectable between 3000K and 4000K and power selectable; offering a choice of 2 outputs, in one luminaire
- Downlight design allows installation into existing hole cut-outs of 210mm
- Anti-Ligature kit available for installation in secure environments such as healthcare and educational facilities
- Polycarbonate housing with unique thermal management for durability and optimum lifespan
- Dimmable and Emergency options, standard and Self-Test Emergency available using the Hawk Kit Emergency Pack
- **Please note downlight and driver (ACOM\*/1) are sold separately from reflector (ACOM/TR\*/1)**



Powered by  
**CASAMBI**



Fitted with black trim  
and diffuser



Fitted with ARX Downlight  
Anti-Ligature kit

INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP
220/240V	50/60Hz	-20°C to 25°C	L80 60,000	80	3	80°	2	IP44

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W
ACOM1/1	CCT Selectable	7W/13W	3000K/4000K	1000lm/1800lm (4000K)	130lm/W (4000K)
ACOM2/1		17W/21W		2300lm/2800lm (4000K)	

**STEP 1:** Select a wattage option from the above 2 codes e.g **ACOM1/1**

\* UGR Value based on (4H - 8H)

CODE	DESCRIPTION	UGR
ACOM/TR/W/1	Reflector and Trim White	23
ACOM/TR/B/1	Reflector and Trim Black	19

**STEP 2:** Select a reflector and trim option from the above 2 codes e.g **ACOM1/TR/W/1**. **NOTE** both components must be ordered for a successful installation.

CODE (OPTIONS)	DESCRIPTION	TRADE	CODE (OPTIONS)	DESCRIPTION
/DM3	DALI Emergency		/OCTO	OCTO Smart Control
			/DD	Digital Dimming (DD1/DD3/DD4)

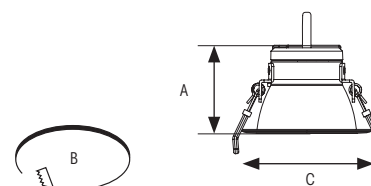
CODE (ACCESSORIES)	DESCRIPTION
AARXDLK/1	Downlight Anti-Ligature Kit
AHUEMKIT/LI	Maintained/Non-maintained - Universal Emergency Pack



# Vantage UGR<19



- UGR<19 performance downlight suitable for commercial and education applications
- Deep cut-off angle for glare control and comfort
- UGR<19 (unified glare rating) compliant luminaire assisting to eliminate glare for visual comfort
- Downlight design allows installation into existing hole cut-outs from 68mm, 100mm, 150mm and 200mm
- Anti-Ligature kit available for installation in secure environments such as healthcare and educational facilities (AVANTLG4/\*\* only)
- Powered by Tridonic



Powered by  
**CASAMBI**



Fitted with ARX Downlight  
Anti-Ligature kit

INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP
220/240V	50/60Hz	-20°C to 40°C	L80 72,000	80	6	40°	2	IP20

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W	UGR	A	B	C
AVANTLG1/CW	Cool White	9W	4000K	800lm	89lm/W	19	54mm	68mm	82mm
AVANTLG2/CW	Cool White	14W	4000K	1500lm	107lm/W	16	68mm	100mm	118mm
AVANTLG3/CW	Cool White	28W	4000K	2800lm	100lm/W	10	98mm	150mm	172mm
AVANTLG4/CW	Cool White	36W	4000K	3900lm	108lm/W	14	128mm	200mm	230mm

\* UGR Value based on (4H - 8H)

CODE (OPTIONS)	DESCRIPTION	CODE (OPTIONS)	DESCRIPTION
/M3	Emergency	/WW	Warm White Versions
/SM3	Self-Test Emergency	/OCTO	OCTO Smart Control
/DM3	DALI Emergency	/DD	Digital Dimming (DD1/DD3/DD4)

CODE (ACCESSORIES)	DESCRIPTION
AARXDLK/1	Downlight Anti-Ligature Kit (for use with AVANTLG4/** only)

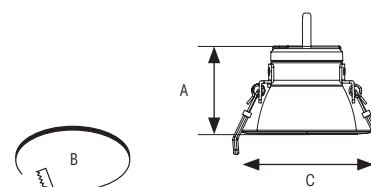




# Vantage



- CCT selectable LED performance downlight suitable for commercial and education applications
- Deep cut-off angle for glare control and comfort
- One product provides 3000K, 4000K and 6000K colour temperature options
- Downlight design allows installation into existing hole cut-outs from 68mm, 100mm, 150mm and 200mm
- Anti-Ligature kit available for installation in secure environments such as healthcare and educational facilities (AVANTLED4 only)
- Powered by Tridonic



Powered by  
**CASAMBI**



Fitted with ARX Downlight  
Anti-Ligature kit

INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP
220/240V	50/60Hz	-25°C to 40°C	L80 100,000	80	6	75°	2	IP20

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W	UGR	A	B	C
AVANTLED1	CCT Selectable	8.5W		740lm (4000K)	107lm/W (4000K)	27	54mm	68mm	82mm
AVANTLED2		14W	3000K/4000K	1400lm (4000K)	113lm/W (4000K)	26	68mm	100mm	118mm
AVANTLED3		20W	/6000K	2100lm (4000K)	112lm/W (4000K)	25	98mm	150mm	172mm
AVANTLED4		27W		3200lm (4000K)	121lm/W (4000K)	24	128mm	200mm	230mm

\* UGR Value based on (4H - 8H)

CODE (OPTIONS)	DESCRIPTION	CODE (OPTIONS)	DESCRIPTION
/M3	Emergency	/WW	Warm White Versions
/SM3	Self-Test Emergency	/OCTO	OCTO Smart Control
/DM3	DALI Emergency	/DD	Digital Dimming (DD1/DD3/DD4)

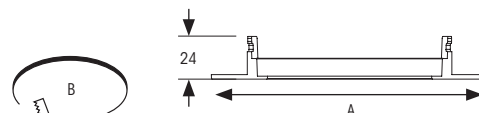
CODE (ACCESSORIES)	DESCRIPTION
AARXDLK/1	Downlight Anti-Ligature Kit (for use with AVANTLED4 only)



# Freska



- Economic ultra-slim circular LED performance downlight suitable for education, commercial, healthcare and retail applications
- CCT selectable between 3000K, 4000K and 6000K
- Ideal for use in areas with shallow ceiling void
- Edge lit providing excellent uniform illumination
- Triac dimmable as standard
- Standard and Self-Test Emergency available using the Hawk Kit Emergency Pack



INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP
220/240V	50/60Hz	-20°C to 40°C	L80 54,000	80	6	110°	2	IP44

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W	UGR	A	B
AFRE1/1	CCT Selectable - 137mm	9W		945lm (4000K)			137mm	116-126mm
AFRE2/1	CCT Selectable - 180mm	12W	3000/4000/6000K	1260lm (4000K)	105lm/W	25	180mm	162-172mm
AFRE3/1	CCT Selectable - 239mm	18W		1890lm (4000K)			239mm	218-228mm

\* UGR Value based on (4H - 8H)

CODE (ACCESSORIES)	DESCRIPTION
AHUEMKIT/LI	Maintained/Non-maintained - Universal Emergency Pack
ASBP/12	7.2V 3000mAh Ni-cd Replacement Battery

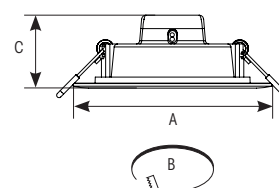


# Lodi Slim

- Economic circular LED performance downlight suitable for semi-commercial and residential applications
- Low profile design with integral driver
- Ideal for use in areas with shallow ceiling voids
- Supplied pre-wired with 300mm of cable



127



INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP
220/240V	50/60Hz	-15°C to 25°C	L70 54,000	80	6	115°	2	IP20

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W	UGR	A	B	C
ALODLED/75/CW	Cool White	4W	4000K	400lm	103lm/W	30	90mm	75mm	33mm
ALODLED/95/CW		8W		800lm	101lm/W		115mm	100mm	34mm
ALODLED/110/CW		12W		1300lm	107lm/W		140mm	125mm	38mm
ALODLED/150/CW		16W		1700lm	108lm/W		165mm	150mm	38mm
ALODLED/200/CW		20W		2200lm	109lm/W		190mm	175mm	38mm
ALODLED/250/CW		24W		2600lm	110lm/W		215mm	200mm	38mm

\* UGR Value based on (4H - 8H)

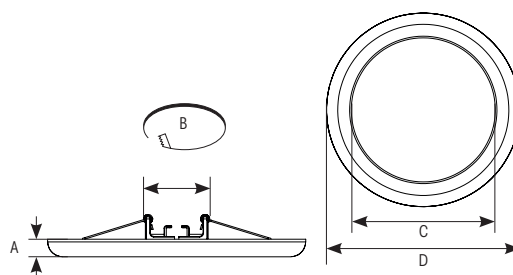
CODE (ACCESSORIES)	DESCRIPTION	CODE (ACCESSORIES)	DESCRIPTION
/WW	Warm White Versions	ASLED/3NM	1.5W Non-Maintained



# Anzo



- Ultra-slim adjustable LED performance downlight suitable for semi-commercial and residential applications
- Integral switches for multiple wattages and selectable CCT
- Innovative bracket / spring design for variable cut-outs from 120-260mm
- Pre-wired with 300mm cable
- Triac dimmable as standard



INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP
220/240V	50/60Hz	-20°C to 40°C	L70 54,000	80	6	110°	2	IP20

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LMW	UGR	A	B	C	D
<b>ANZOLED/CCT/DIM</b>	CCT Selectable Dimmable	10W - 16W	3000K/ 4000K/ 6000K	1100lm - 1700lm (4000K)	109lm/W (4000K)	26	16mm	65- 205mm	175mm	235mm
<b>ANZOLED300/CCT/DIM</b>	CCT Selectable 300mm Dimmable	16W - 22W	3000K/ 4000K/ 6000K	1900lm - 2600lm (4000K)	121lm/W - 116lm/W (4000K)	25	20mm	120- 260mm	234mm	300mm

\* UGR Value based on (4H - 8H)

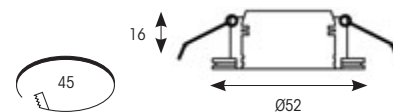
# Iris



129

- Micro recessed adjustable downlight with 40° tilt angle.
- Multiple uses, including general illumination, retail, cabinets and furniture applications

**Note:** Provision should be made for fitting of driver due to minimal cut-out diameter. (Product supplied less driver)



White

INPUT	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP
700mA	-20°C to 25°C	L70 50,000	80	5	25°	3	IP20

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W	UGR
<b>AIGLED/CW</b>	Cool White - Aluminium	3W	4000K	170lm	31lm/W	17
<b>AIGLED/WW</b>	Warm White - Aluminium		3000K	140lm	28lm/W	
<b>AIGLED/CW/W</b>	Cool White - White		4000K	170lm	31lm/W	
<b>AIGLED/WW/W</b>	Warm White - White		3000K	140lm	28lm/W	

\* UGR Value based on (4H - 8H)

CODE (ACCESSORIES)	DESCRIPTION
<b>AD3W/700</b>	3W 700mA LED Driver
<b>ADK12W/700</b>	12W 700mA LED Driver
<b>ADK20W/700</b>	20W 700mA LED Driver

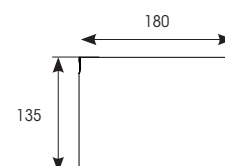
CODE (ACCESSORIES)	DESCRIPTION
<b>ADDIM/30/MC</b>	30W Multi-current Dimmable LED Driver
<b>ADDIM/50/MC</b>	50W Multi-current Dimmable LED Driver



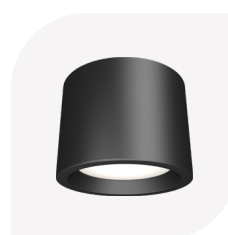
# Comfort EVO Surface



- Economic high performance CCT selectable surface IP44 downlight suitable for commercial and healthcare applications
- Deep cut-off angle for glare control and comfort
- CCT selectable between 3000K and 4000K and power selectable; offering a choice of 2 outputs, in one luminaire
- Twist and lock installation bracket design allows quick and easy surface mounting
- Available in black or white finishes
- Polycarbonate housing with unique thermal management for durability and optimum lifespan
- **Please note: Reflector and trim parts (ACOM/TR/\*/\*) are not required for installation with this kit**
- **Please note: Hawk Emergency Kit cannot be used in conjunction with this downlight**



Powered by  
**CASAMBI**



Black



Simple twist and lock bracket for easy installation

INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP
220/240V	50/60Hz	-20°C to 25°C	L80 60,000	80	3	80°	2	IP44

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W	UGR
ACOM1/1/SMF/W	CCT Selectable - White	7W/13W	3000K/4000K	1000lm/1800lm (4000K)	130lm/W (4000K)	23
ACOM1/1/SMF/B	CCT Selectable - Black					
ACOM2/1/SMF/W	CCT Selectable - White	17W/21W	3000K/4000K	2300lm/2800lm (4000K)	130lm/W (4000K)	23
ACOM2/1/SMF/B	CCT Selectable - Black					

\* UGR Value based on (4H - 8H)

CODE (OPTIONS)	DESCRIPTION	CODE (OPTIONS)	DESCRIPTION
/OCTO	OCTO Smart Control	/DD	Digital Dimming (DD1/DD4)

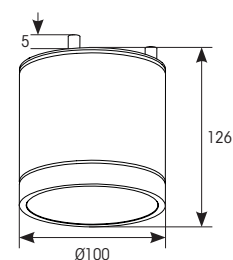




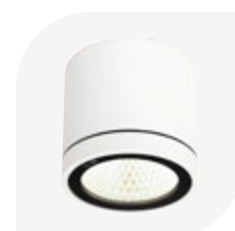
# Furia



- Shallow die-cast surface downlight suitable for commercial, hospitality and retail applications
- Modern aesthetic appearance
- 35° beam angle
- Triac dimmable as standard



Powered by  
**CASAMBI**



White

INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP
220/240V	50/60Hz	-20°C to 40°C	L80 49,000	80	6	35°	1	IP65

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W
AFUR/1/GR	Warm White - White	10W	3000K	720lm	74lm/W
AFUR/1/W	Warm White - Graphite				

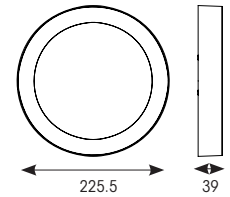




## Freska Surface



- Shallow surface mounted circular edge-lit LED panel
- suitable for semi-commercial and residential applications
- Simple twist and lock invisible fixing method enables ease and speed of installation
- Non-dimmable



INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP
220/240V	50/60Hz	-20°C to 40°C	L70 54,000	80	6	110°	2	IP20

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W	UGR
<b>ASFRLED230/CW</b>	Cool White	18W	4000K	1400lm	76lm/W	24
<b>ASFRLED230/WW</b>	Warm White	18W	3000K	1000lm	56lm/W	22

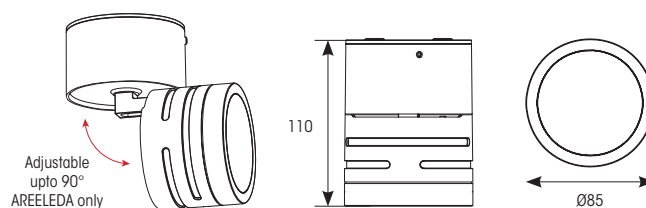


# Reef Fixed and Adjustable

- Durable indoor/outdoor surface mounted downlight suitable for residential and hospitality applications
- Choice of matt white or black finishes
- Polycarbonate construction ideal for coastal applications
- CCT selectable between 3000K, 4000K and 6000K
- Unique lockable installation base plate with push fit loop-in loop-out terminals for ease of installation
- Non-dimmable



135



White adjustable

INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP
220/240V	50/60Hz	-20°C to 40°C	L80 54,000	80	6	90°	2	IP65*

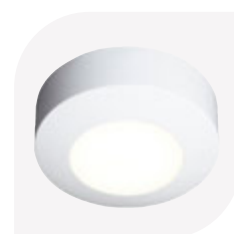
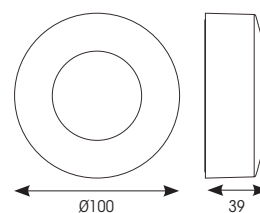
\* Adjustable IP54

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W
<b>AREELED</b>	CCT Selectable - Black	5W	3000K/4000K/6000K	480lm (4000K)	97lm/W (4000K)
<b>AREELED/WH</b>	CCT Selectable - White				
<b>AREELED/BL</b>	CCT Selectable Adjustable - Black				
<b>AREELED</b>	CCT Selectable Adjustable - White				



## Pi

- Modern surface mounted ultra-slim wall/ceiling light suitable for residential and hospitality applications
- Die-cast aluminium construction with choice of white or graphite paint finish
- Push fit loop-in loop-out terminals for ease of installation
- Anti-glare toughened tempered opal glass front diffuser
- CCT selectable between 3000K and 4000K
- Screwless front cover with concealed allen key access provides security and a sleek design
- Non-dimmable



White

INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP	IK
220/240V	50/60Hz	0°C to 25°C	L80 60,000	80	3	115°	1	IP65	IK06

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W
APIWCLED/W	CCT Selectable - White	3W	3000K/4000K	150lm (4000K)	63lm/W (4000K)
APIWCLED/GR	CCT Selectable - Graphite				







## INNOVATIVE INTUMESCENT ACTION

This patented and registered design, incorporates a unique intumescent reaction allowing a totally new concept as a cage constructed luminaire.

In comparison to existing fire rated enclosed can designs, iCage Mini and its components operate in a cooler environment and are not reliant on forward heat lamp to provide lower operating temperatures.

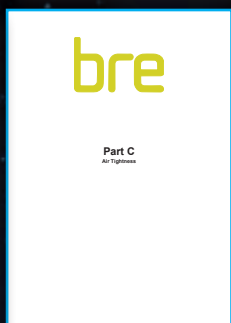
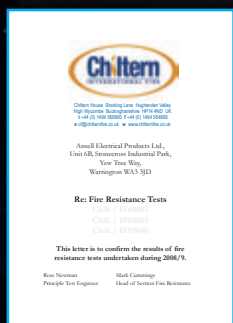
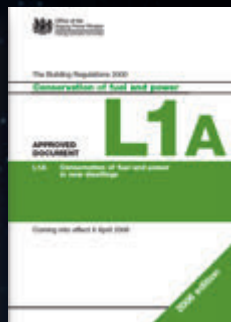
iCage Mini offers the installer and specifier comprehensive lamp options, including Part L Compliant LED as well as traditional halogen.



Normal Operation



Activated Intumescent



### Part B Test Nos.

30 Minutes Chiltem/A/12229  
60 Minutes Chiltem/A/12230  
90 Minutes Chiltem/A/12231

### Part C Test Nos.

P100567

### Part E Test No.

BRE/254782

## BEZEL OPTIONS

Fully tested in 30, 60 and 90 minute ceilings



White



Matt White



Brass



Chrome



Satin  
Chrome



Antique  
Brass



Black  
Chrome

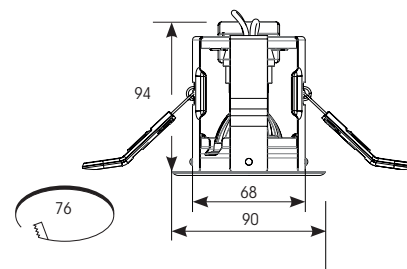


# iCage Mini 50W GU10 Die-Cast Downlight

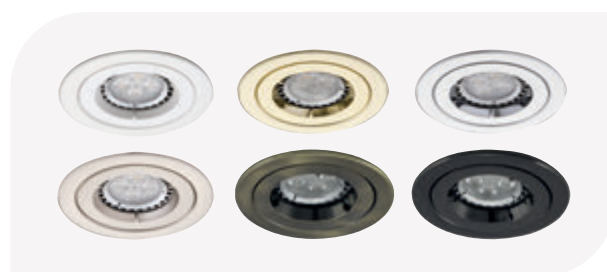


139

- Compact Fire Rated downlight for shallow ceiling voids suitable for residential and hospitality applications (product supplied less lamp)
- Suitable for standard GU10 LED or halogen lamps retrofit
- Protective polycarbonate spring clip covers for ceiling protection and ease of installation
- Dedicated forward heat lamps NOT required
- Extra large terminals for fast loop-in, loop-out wiring
- Twistlock lamp retaining ring for ease of lamp replacement
- Ultra-slim bezel profile
- Option to add Bluetooth and WiFi enabled smart WiZ GU10 lamp
  - AOCTOW/GU10LED/TW
  - AOCTOW/GU10LED/RGBTW



Connected by  
**WiZ**



Available colour options

**Top Row:** Matt White, Brass, Chrome

**Bottom Row:** Satin Chrome, Antique Brass, Black Chrome



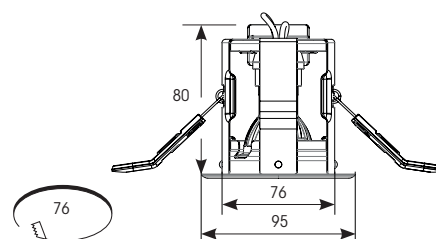
CODE	DESCRIPTION	MAX WATTAGE	CLASS	IP
AMICD/W	GU10 - White	50W	1	IP20
AMICD/MW	GU10 - Matt White			
AMICD/BR	GU10 - Brass			
AMICD/CH	GU10 - Chrome			
AMICD/SC	GU10 - Satin Chrome			
AMICD/AB	GU10 - Antique Brass			
AMICD/BLC	GU10 - Black Chrome			



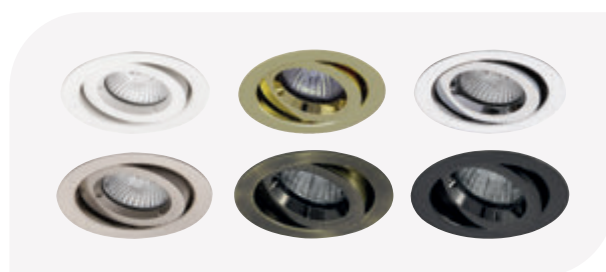
# iCage Mini 50W GU10 Die-Cast Gimbal



- Compact Fire Rated gimbal for shallow ceiling voids suitable for residential and hospitality applications (product supplied less lamp)
- Suitable for standard GU10 LED or halogen lamps retrofit
- Protective polycarbonate spring clip covers for ceiling protection and ease of installation
- Dedicated forward heat lamps NOT required
- Extra large terminals for fast loop-in, loop-out wiring
- Twistlock lamp retaining ring for ease of lamp replacement
- Ultra-slim bezel profile
- Option to add Bluetooth and WiFi enabled smart WiZ GU10 lamp
  - AOCTOW/GU10LED/TW
  - AOCTOW/GU10LED/RGBTW



Connected by  
**WiZ**



Available colour options

**Top Row:** Matt White, Brass, Chrome

**Bottom Row:** Satin Chrome, Antique Brass, Black Chrome



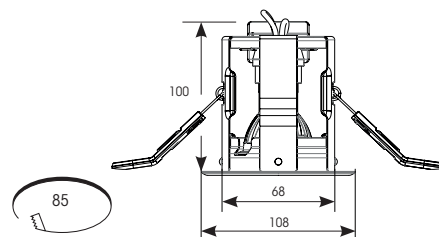
CODE	DESCRIPTION	MAX WATTAGE	CLASS	IP
AMICG/W	GU10 - White	50W	1	IP20
AMICG/MW	GU10 - Matt White			
AMICG/BR	GU10 - Brass			
AMICG/CH	GU10 - Chrome			
AMICG/SC	GU10 - Satin Chrome			
AMICG/AB	GU10 - Antique Brass			
AMICG/BLC	GU10 - Black Chrome			

# iCage Mini IP65 50W GU10 Die-Cast Downlight

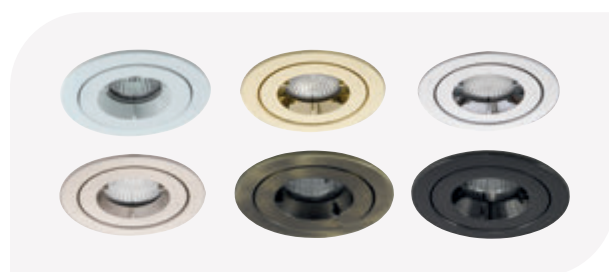


141

- Compact Fire Rated IP65 downlight for shallow ceiling voids suitable for residential and hospitality applications (product supplied less lamp)
- Suitable for standard GU10 LED or halogen lamps retrofit
- Protective polycarbonate spring clip covers for ceiling protection and ease of installation
- Dedicated forward heat lamps NOT required
- Extra large terminals for fast loop-in, loop-out wiring
- Twistlock lamp retaining ring for ease of lamp replacement
- Ultra-slim bezel profile
- Option to add Bluetooth and WiFi enabled smart WiZ GU10 lamp
  - AOCTOW/GU10LED/TW
  - AOCTOW/GU10LED/RGBTW



Connected by  
**WiZ**



Available colour options

**Top Row:** Matt White, Brass, Chrome

**Bottom Row:** Satin Chrome, Antique Brass, Black Chrome



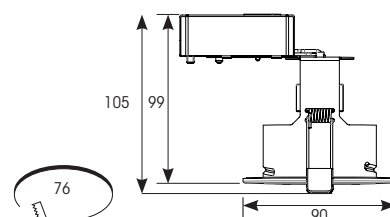
CODE	DESCRIPTION	MAX WATTAGE	CLASS	IP
AMICD/IP65/W	GU10 - White	50W	1	IP65
AMICD/IP65/MW	GU10 - Matt White			
AMICD/IP65/BR	GU10 - Brass			
AMICD/IP65/CH	GU10 - Chrome			
AMICD/IP65/SC	GU10 - Satin Chrome			
AMICD/IP65/AB	GU10 - Antique Brass			
AMICD/IP65/BLC	GU10 - Black Chrome			



## Edge GU10 Fire Rated Downlight



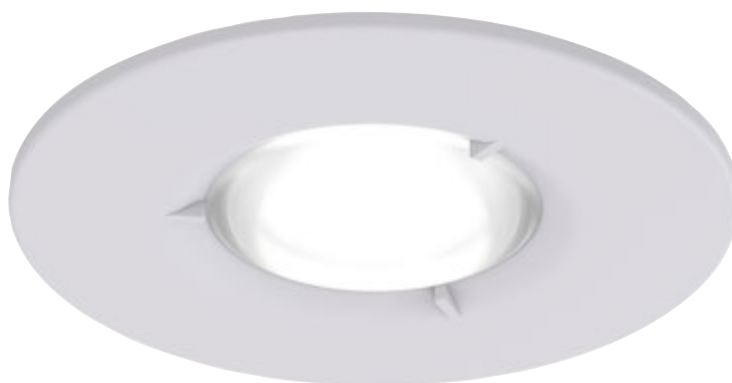
- Compact Fire Rated downlight for shallow ceiling voids suitable for residential and hospitality applications (product supplied less lamp)
- Suitable for standard GU10 halogen or LED lamps
- Protective sheathing spring clips for ease of installation and ceiling protection
- Push fit terminals for fast loop-in, loop-out wiring
- Twistlock lamp retaining ring for ease of lamp replacement
- Ultra-slim bezel profile
- Option to add Bluetooth and WiFi enabled smart WiZ GU10 lamp
  - AOCTOW/GU10LED/TW
  - AOCTOW/GU10LED/RGBTW



**EDGE™**  
GU10 FRD



Connected by  
**WiZ**



Available colour options  
**Top Row:** Chrome  
**Bottom Row:** Satin Chrome



CODE	DESCRIPTION	MAX WATTAGE	CLASS	IP
<b>AEFRD/MW</b>	GU10 - Matt White	50W	1	IP20
<b>AEFRD/CH</b>	GU10 - Chrome			
<b>AEFRD/SC</b>	GU10 - Satin Chrome			

CODE (ACCESSORIES)	DESCRIPTION
<b>AEFRISD</b>	Downlight Insulation Support

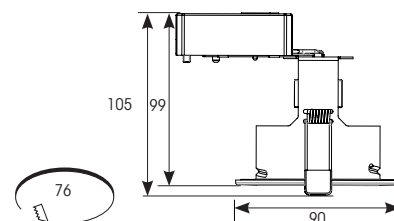




## Edge GU10 Fire Rated Gimbal



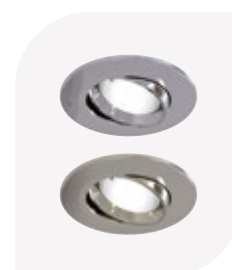
- Compact Fire Rated gimbal for shallow ceiling voids suitable for residential and hospitality applications (product supplied less lamp)
- Suitable for standard GU10 halogen or LED lamps
- Protective sheathing spring clips for ceiling protection and ease of installation
- Push fit terminals for fast loop-in, loop-out wiring
- Twistlock lamp retaining ring for ease of lamp replacement
- Ultra-slim bezel profile
- Option to add Bluetooth and WiFi enabled smart WiZ GU10 lamp
  - AOCTOW/GU10LED/TW
  - AOCTOW/GU10LED/RGBTW



OCTO  
Compatible

Connected by

WiZ



Available colour options  
**Top Row:** Chrome  
**Bottom Row:** Satin Chrome



CODE	DESCRIPTION	MAX WATTAGE	CLASS	IP
<b>AEFRG/MW</b>	GU10 - Matt White	50W	1	IP20
<b>AEFRG/CH</b>	GU10 - Chrome			
<b>AEFRG/SC</b>	GU10 - Satin Chrome			

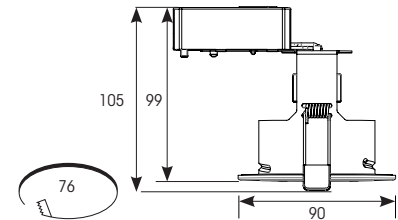
CODE (ACCESSORIES)	DESCRIPTION
<b>AEFRISG</b>	Gimbal Insulation Support

# Edge GU10 IP65 Fire Rated Downlight

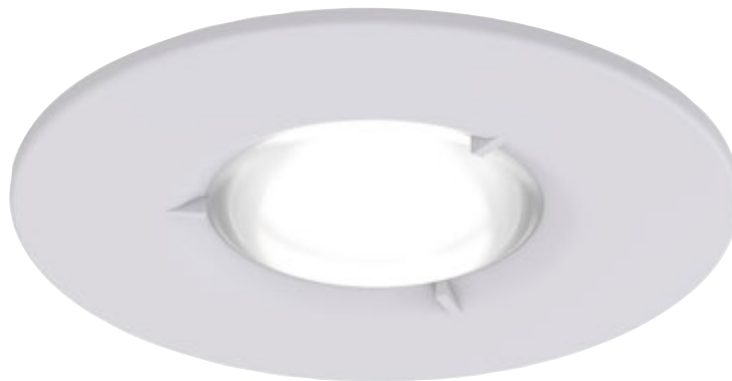


145

- Compact Fire Rated IP65 downlight for shallow ceiling voids suitable for residential and hospitality applications (product supplied less lamp)
- Suitable for standard GU10 halogen or LED lamps
- IP65 ingress protection allows a range of installation options
- Protective sheathing spring clips for ceiling protection and ease of installation
- Push fit terminals for fast loop-in, loop-out wiring
- Twistlock lamp retaining ring for ease of lamp replacement
- Ultra-slim bezel profile
- Option to add Bluetooth and WiFi enabled smart WiZ GU10 lamp
  - AOCTOW/GU10LED/TW
  - AOCTOW/GU10LED/RGBTW



Connected by  
**WiZ**



Available colour options  
**Top Row:** Chrome  
**Bottom Row:** Satin Chrome

CODE	DESCRIPTION	MAX WATTAGE	CLASS	IP
AEFRD/IP65/MW	GU10 - Matt White	50W	1	IP65
AEFRD/IP65/CH	GU10 - Chrome			
AEFRD/IP65/SC	GU10 - Satin Chrome			

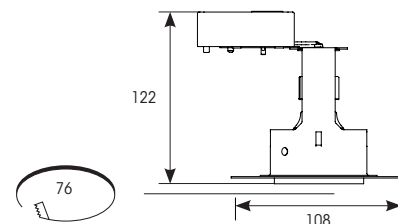
CODE (ACCESSORIES)	DESCRIPTION
AEFRISD	Downlight Insulation Support



# Edge GU10 Trimless IP65 Fire Rated Downlight



- Trimless plaster-in GU10 fire rated downlight suitable for residential and commercial applications (product supplied less lamp)
- New dedicated trimless plaster in downlight.
- Modern installation method providing an architectural and modern appearance
- Steep baffle construction recesses the downlight providing a deep cut-off angle ensuring maximum glare control and visual comfort
- Pre-drilled screw holes ensure a quick and easy installation
- Suitable for standard GU10 halogen or LED lamps
- Push fit terminals for fast loop-in, loop-out wiring
- Twistlock lamp retaining ring for ease of lamp replacement
- Option to add Bluetooth and WiFi enabled smart WiZ GU10 lamp
  - AOCTOW/GU10LED/TW
  - AOCTOW/GU10LED/RGBTW



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**WIZ**



Terminal Housing



CODE	DESCRIPTION	MAX WATTAGE	CLASS	IP
AEFRD/TRIM	GU10 - Trimless	50W	1	IP65

CODE (ACCESSORIES)	DESCRIPTION
AEFRISD	Downlight Insulation Support

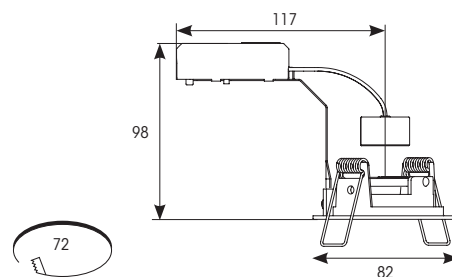




# Twistlock GU10 Die-Cast Downlight



- GU10 die-cast downlight suitable for residential and hospitality applications (product supplied less lamp)
- Manufactured from high grade die-cast aluminium
- Permanent earth on stirrup bracket for GU10 mains earthing
- Generous size of terminal housing and 2x1.5mm<sup>2</sup> + CPC loop-in, loop-out push fit terminals provide an easy and efficient installation
- Option to add Bluetooth and WiFi enabled smart WiZ GU10 lamp
  - AOCTOW/GU10LED/TW
  - AOCTOW/GU10LED/RGBTW



Connected by  
**WiZ**



ATL/BA fitted into Twistlock  
Low glare baffle adaptor



Available colour options  
**Top Row:** Matt White, Brass, Chrome  
**Bottom Row:** Satin Chrome, Antique Brass, Black Chrome



CODE	DESCRIPTION	MAX WATTAGE	CLASS	IP
ATLD/MW	GU10 - Matt White	50W	1	IP20
ATLD/BR	GU10 - Brass			
ATLD/CH	GU10 - Chrome			
ATLD/SC	GU10 - Satin Chrome			
ATLD/AB	GU10 - Antique Brass			
ATLD/BLC	GU10 - Black Chrome			

CODE (ACCESSORIES)	DESCRIPTION
ATL/BA	Low Glare Baffle Adaptor

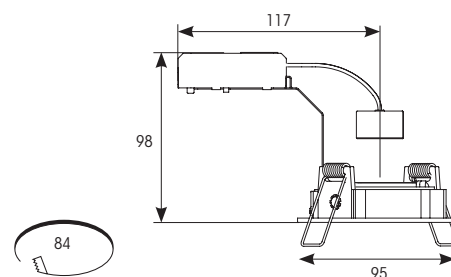




# Twistlock GU10 Die-Cast Gimbal



- GU10 die-cast gimbal suitable for residential and hospitality applications (product supplied less lamp)
- Manufactured from high grade die-cast aluminium
- Permanent earth on stirrup bracket for GU10 mains earthing
- Generous size of terminal housing and 2x1.5mm<sup>2</sup> + CPC loop-in, loop-out push fit terminals provide an easy and efficient installation
- 30 degree tilt angle
- Option to add Bluetooth and WiFi enabled smart WiZ GU10 lamp
  - AOCTOW/GU10LED/TW
  - AOCTOW/GU10LED/RGBTW



OCTO  
Compatible

Connected by

WIZ



ATL/BA fitted into Twistlock  
Low glare baffle adaptor



Available colour options  
**Top Row:** Matt White, Brass, Chrome  
**Bottom Row:** Satin Chrome, Antique Brass, Black Chrome

CODE	DESCRIPTION	MAX WATTAGE	CLASS	IP
ATLG/MW	GU10 - Matt White	50W	1	IP20
ATLG/BR	GU10 - Brass			
ATLG/CH	GU10 - Chrome			
ATLG/SC	GU10 - Satin Chrome			
ATLG/AB	GU10 - Antique Brass			
ATLG/BLC	GU10 - Black Chrome			

CODE (ACCESSORIES)	DESCRIPTION
ATL/BA	Low Glare Baffle Adaptor

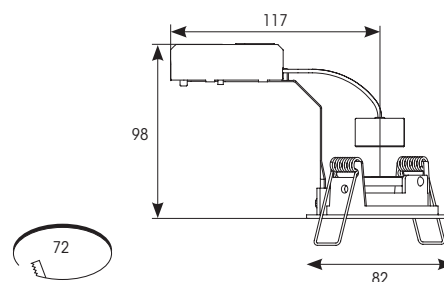


# Twistlock GU10 IP44 Die-Cast Downlight



151

- IP44 downlight suitable for bathrooms (product supplied less lamp)
- Manufactured from high grade die-cast aluminium
- Permanent earth on stirrup bracket for GU10 mains earthing
- Generous size of terminal housing and 2x1.5mm<sup>2</sup> + CPC loop-in, loop-out push fit terminals provide an easy and efficient installation
- Option to add Bluetooth and WiFi enabled smart WiZ GU10 lamp
  - AOCTOW/GU10LED/TW
  - AOCTOW/GU10LED/RGBTW



Connected by  
**WiZ**



ATL/BA fitted into Twistlock  
Low glare baffle adaptor



Available colour options  
**Top Row:** Chrome  
**Bottom Row:** Satin Chrome

CODE	DESCRIPTION	MAX WATTAGE	CLASS	IP
ATLVD/IP44/W	GU10 - White	50W	1	IP44
ATLVD/IP44/CH	GU10 - Chrome			
ATLVD/IP44/SC	GU10 - Satin Chrome			

CODE (ACCESSORIES)	DESCRIPTION
ATL/BA	Low Glare Baffle Adaptor

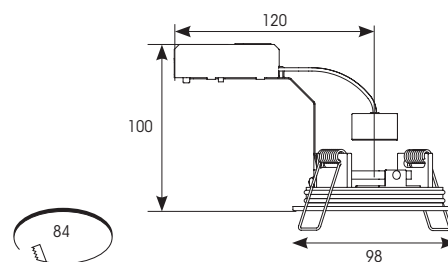




# Twistlock GU10 IP65 Downlight



- IP65 downlight suitable for bathroom use (product supplied less lamp)
- Die-cast aluminium construction with clear glass
- Permanent earth on stirrup bracket for GU10 mains earthing
- Generous size of terminal housing and 2x1.5mm<sup>2</sup> + CPC loop-in, loop-out push fit terminals provide an easy and efficient installation
- Option to add Bluetooth and WiFi enabled smart WiZ GU10 lamp
  - AOCTOW/GU10LED/TW
  - AOCTOW/GU10LED/RGBTW



Connected by  
**WiZ**



ATL/BA fitted into Twistlock  
Low glare baffle adaptor



Available colour options  
**Top Row:** Matt White, Chrome  
**Bottom Row:** Satin Chrome

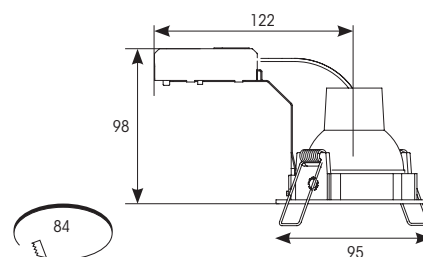
CODE	DESCRIPTION	MAX WATTAGE	CLASS	IP
ATLD/IP65/MW	GU10 - Matt White	50W	1	IP65
ATLD/IP65/CH	GU10 - Chrome			
ATLD/IP65/SC	GU10 - Satin Chrome			

CODE (ACCESSORIES)	DESCRIPTION
ATL/BA	Low Glare Baffle Adaptor

# Twistlock GU10 / 50W IP44 Outdoor Die-Cast Gimbal



- IP44 rated for exterior applications including soffits (product supplied less lamp)
- DuPont paint finish with 20 year guarantee
- Generous size of terminal housing and 2x1.5mm<sup>2</sup> + CPC loop-in, loop-out push fit terminals provide an easy and efficient installation
- Option to add Bluetooth and WiFi enabled smart WiZ GU10 lamp
  - AOCTOW/GU10LED/TW
  - AOCTOW/GU10LED/RGBTW
- **Suitable for GU10 LED only**



Connected by  
**WiZ**



Available colour options  
**Top Row: Black**  
**Bottom Row: Silver Grey**



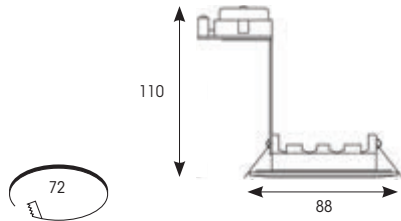
CODE	DESCRIPTION	MAX WATTAGE	CLASS	IP
ATLVOG/IP44/W	GU10* - White	50W	1	IP44
ATLVOG/IP44/B	GU10* - Black			
ATLVOG/IP44/SG	GU10* - Silver Grey			
* GU10 LED Only				



# IP65 GU10/MR16

## Die-Cast Bathroom Downlight

- IP65 downlight suitable for bathroom use (product supplied less lamp)
- Die-cast aluminium construction
- Supplied with MR16 and GU10 lampholders
- Clear glass



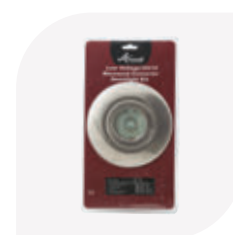
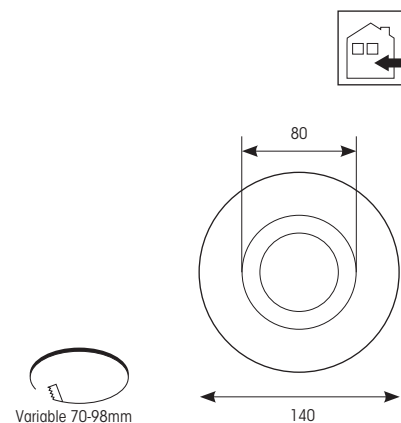
Available colour options  
Top Row: Chrome  
Bottom Row: Satin Chrome

CODE	DESCRIPTION	MAX WATTAGE	CLASS	IP
ABD/W	GU10/MR16 - White	50W	3 (MR16) or 1 (GU10)	IP65
ABD/CH	GU10/MR16 - Chrome			
ABD/SC	GU10/MR16 - Satin Chrome			



# Converter Kit Low Voltage and GU10

- Retrofit converter kit to replace mains reflector downlights (R50, R64, R80) and eyeballs (R50, R64)
- Supplied with converter plate, downlight and a choice of low voltage and GU10 lampholders for MR16, GU10, CFL or LED lamp sources



Satin Chrome

CODE	DESCRIPTION	MAX WATTAGE	CLASS	IP
ACP/W	White	50W	3 (MR16) or 1 (GU10)	IP20
ACP/SC	Satin Chrome			

## Fire Hoods

- Fully tested for 60 minute fire protection
- Quick and easy installation from below or above the ceiling
- Ventilated to avoid over heating of light fittings

When selecting the size of firehood required, please allow the following minimum clearances around the downlight:

**Horizontal: 40mm**

**Vertical: 15mm**



CODE	COVER SIZE (DIA X HEIGHT)
ADLC/0	150 x 120
ADLC/1	130 x 70
ADLC/2	130 x 100
ADLC/4	180 x 130

CODE	COVER SIZE (DIA X HEIGHT)
ADLC/6	260 x 120
ADLC/7	260 x 230
ADLC/8	300 x 170
ADLC/9	350 x 230

## Spare Lampholders

- Replacement lampholders



CODE	DESCRIPTION
ASGU10L	GU10 Stirrup Lampholder with earth



# TRACK LIGHTING

Our LED track lighting range, now including linear options, offers easy fitting and configuration, making it an ideal solution for various display lighting projects.

With a diverse selection of stylish designs and finishes, it provides complete flexibility to achieve different aesthetic looks. All trackspots are adjustable, allowing for 355° rotation and up to 180° tilt on the bracket, providing endless layout customization options.

Explore our range, which includes 24° and 36° reflectors, along with a comprehensive selection of track and track accessories.



160

**SINGLE CIRCUIT  
TRACK AND  
ACCESSORIES**



162

**SINGLE  
CIRCUIT LED**



167

**SINGLE  
CIRCUIT GU10**



168

**THREE CIRCUIT  
TRACK AND  
ACCESSORIES**



170

**THREE  
CIRCUIT LED**




176

**THREE  
CIRCUIT LINEAR**



# PRIMO TRACK

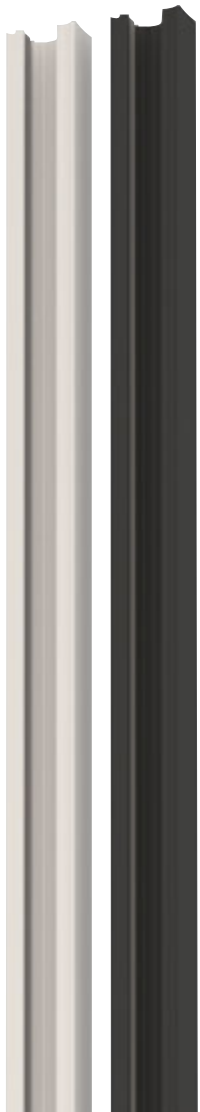
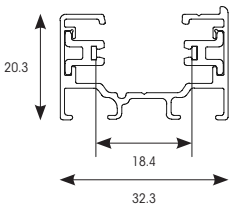
159



**Slimline Design  
Triac Dimmable  
Single and Three Circuit  
Interchangeable Lenses**

# Primo Single Circuit Track

- 220/240V 16A mains track system for mains fittings
- Option of surface mounting or suspended
- Maximum mechanical loading of 10kg per metre
- **Live end and Dead End not supplied as standard, available as accessories listed on p161**



**OCTO**  
Option  
Available

Powered by  
**CASAMBI**

CODE	DESCRIPTION	CLASS	IP
APRT/P1/1M/1/W	Single Circuit 1 Metre White	1	IP20
APRT/P1/2M/1/W	Single Circuit 2 Metre White		
APRT/P1/1M/1/B	Single Circuit 1 Metre Black		
APRT/P1/2M/1/B	Single Circuit 2 Metre Black		

# Primo Single Circuit Accessories

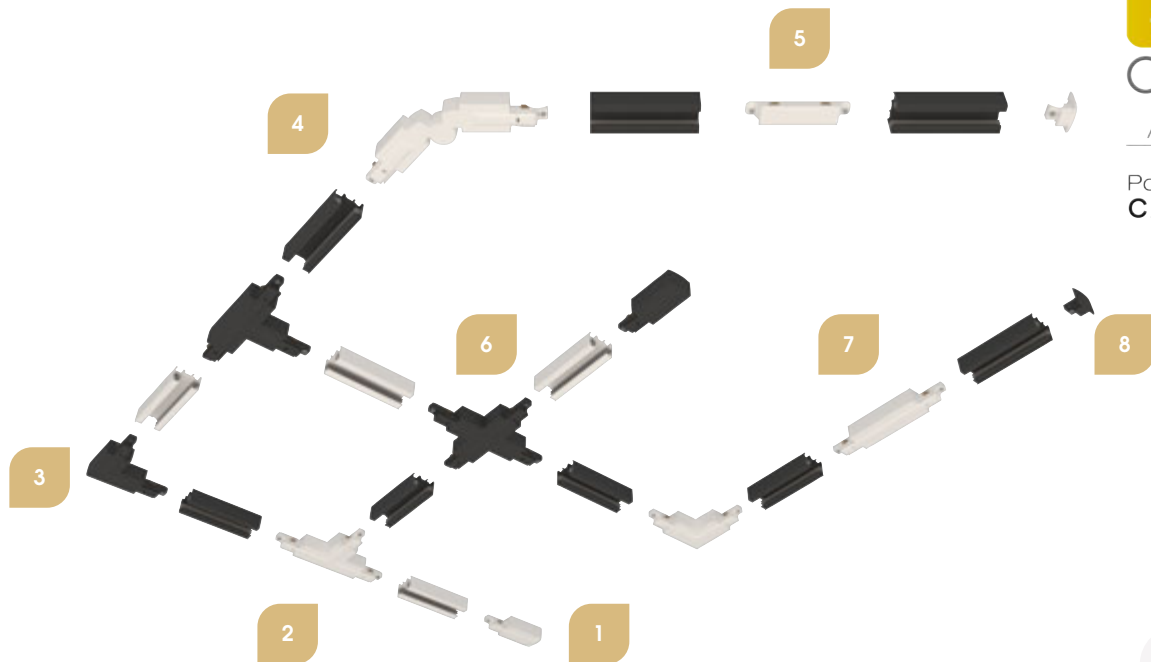


161

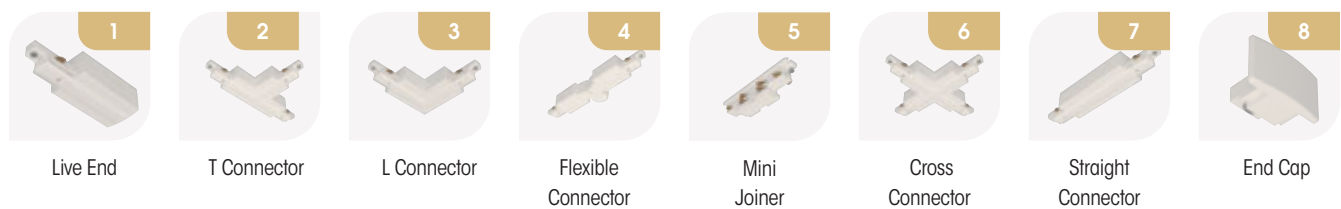
- Extensive range of accessories for track
- Option of left and right feed for Live end, L and T connectors



Powered by  
**CASAMBI**



Track  
Adaptor



CODE	DESCRIPTION
1 APRT/P1/LE/L/1/B	Live End Left Black
APRT/P1/LE/R/1/B	Live End Right Black
2 APRT/P1/TC/L/1/B	T Connector Left Earth Outside Black
APRT/P1/TC/L/1/1/B	T Connector Left Earth Inside Black
APRT/P1/TC/R/1/B	T Connector Right Earth Outside Black
APRT/P1/TC/R/1/1/B	T Connector Right Earth Inside Black
3 APRT/P1/LC/L/1/B	L Connector Left Black
APRT/P1/LC/R/1/B	L Connector Right Black
4 APRT/P1/FC/L/1/B	Flexible Connector Left Black
APRT/P1/FC/R/1/B	Flexible Connector Right Black

CODE	DESCRIPTION
5 APRT/P3/MJ/1/B	Mini Joiner Black
6 APRT/P1/XC/1/B	Cross Connector Black
7 APRT/P1/SC/1/B	Straight Connector Black
8 APRT/P1/EC/1/B	End Cap Black
APRT/P1/TA/1/B	Track Adaptor Black
APRT/P1/SK/1	1.5 Metre Suspension Kit

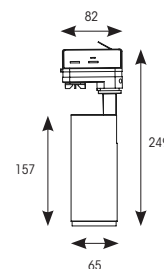
For white variant add 'W' into the above product codes e.g. **APRT/P1/EC/1/W**



# Primo Single Circuit 1



- Single circuit modern and slimline LED track spot with integral driver suitable for hospitality, residential, retail and ancillary applications
- Lightweight aluminium design provides sleek appearance and easy install
- 350° rotation with 0-90° tilt on the bracket
- Mirror finish anodized reflector
- Anti-glare design to create visual comfort
- Interchangeable 24° and 36° lens accessories ensuring suitability for a range of application installations
- Gold trim ring accessory available for unique appearance
- Triac dimmable as standard



Powered by  
**CASAMBI**



Fitted with APRT1/GR/1



White

INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP
220/240V	50/60Hz	-20°C to 40°C	L80 36,000	90	3	60 °	1	IP20

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W	UGR
APRT1/P1/1/CW/W	Cool White - White	10W	4000K	1000lm	100lm/W	22
APRT1/P1/1/CW/B	Cool White - Black					
APRT1/P1/1/WW/W	Warm White - White	10W	3000K	1000lm	100lm/W	22
APRT1/P1/1/WW/B	Warm White - Black					

CODE (ACCESSORIES)	DESCRIPTION
APRT1/24/1	Interchangeable Lens 24°
APRT1/36/1	Interchangeable Lens 36°
APRT1/GR/1	Gold Ring Attachment

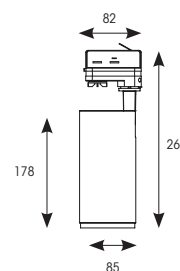




## Primo Single Circuit 2



- Single circuit modern and slimline LED track spot with integral driver suitable for hospitality, residential, retail and ancillary applications
- Lightweight aluminium design provides sleek appearance and easy install
- 350° rotation with 0-90° tilt on the bracket
- Mirror finish anodized reflector
- Anti-glare design to create visual comfort
- Interchangeable 24° and 36° lens accessories ensuring suitability for a range of application installations
- Gold trim ring accessory available for unique appearance
- Triac dimmable as standard



OCTO  
Compatible

Powered by  
**CASAMBI**



Fitted with APRT2/GR/2



White

INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP
220/240V	50/60Hz	-20°C to 40°C	L80 36,000	90	3	60 °	1	IP20

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W	UGR
APRT2/P1/1/CW/W	Cool White - White	20W	4000K	2100lm	105lm/W	22
APRT2/P1/1/CW/B	Cool White - Black					
APRT2/P1/1/WW/W	Warm White - White	20W	3000K	1900lm	93lm/W	
APRT2/P1/1/WW/B	Warm White - Black					

CODE (ACCESSORIES)	DESCRIPTION
APRT2/24/1	Interchangeable Lens 24°
APRT2/36/1	Interchangeable Lens 36°
APRT2/GR/2	Gold Ring Attachment

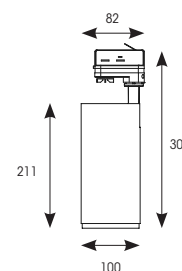




# Primo Single Circuit 3



- Single circuit modern and slimline LED track spot with integral driver suitable for hospitality, residential, retail and ancillary applications
- Lightweight aluminium design provides sleek appearance and easy install
- 350° rotation with 0-90° tilt on the bracket
- Mirror finish anodized reflector
- Anti-glare design to create visual comfort
- Interchangeable 24° and 36° lens accessories ensuring suitability for a range of application installations
- Gold trim ring accessory available for unique appearance
- Triac dimmable as standard



Powered by  
**CASAMBI**



Fitted with APRT3/GR/1



White

INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP
220/240V	50/60Hz	-20°C to 40°C	L80 36,000	90	3	60 °	1	IP20

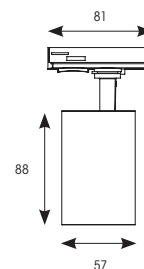
CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W	UGR
APRT3/P1/1/CW/W	Cool White - White	30W	4000K	3000lm	100lm/W	22
APRT3/P1/1/CW/B	Cool White - Black					
APRT3/P1/1/WW/W	Warm White - White	30W	3000K	2800lm	93lm/W	
APRT3/P1/1/WW/B	Warm White - Black					

CODE (ACCESSORIES)	DESCRIPTION
APRT3/24/1	Interchangeable Lens 24°
APRT3/36/1	Interchangeable Lens 36°
APRT3/GR/1	Gold Ring Attachment



## Primo Single Circuit GU10

- Single circuit modern and slimline GU10 track spot suitable for hospitality, residential, retail and ancillary applications (supplied less lamp)
- Design of housing accommodates varied lamp lengths up to 60mm
- Lightweight aluminium design provides sleek appearance and easy install
- 350° rotation with 0-90° tilt on the bracket
- Option to add OCTO Connected by WiZ GU10 lamp
  - AOCTOW/GU10LED/TW
  - AOCTOW/GU10LED/RGBTW



Connected by  
**WiZ**



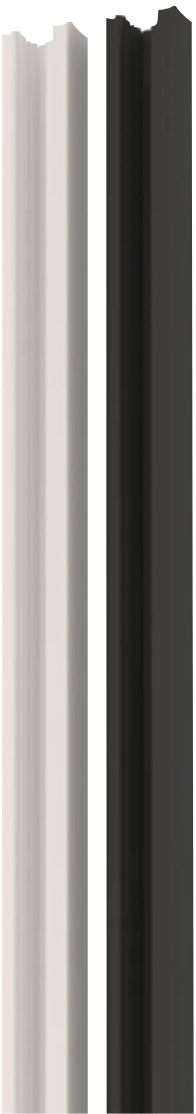
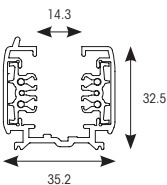
White

CODE	DESCRIPTION	CLASS	IP
APRTGU10/P1/1/W	GU10 - White	1	IP20
APRTGU10/P1/1/B	GU10 - Black		

# Primo Three Circuit Track



- 220/240V 16A mains track system for mains fittings
- Three circuit connectivity provides multiple group switching options
- Option of surface mounting or suspended
- Maximum mechanical loading of 50N
- **Live end and Dead End not supplied as standard, available as accessories listed on p169**

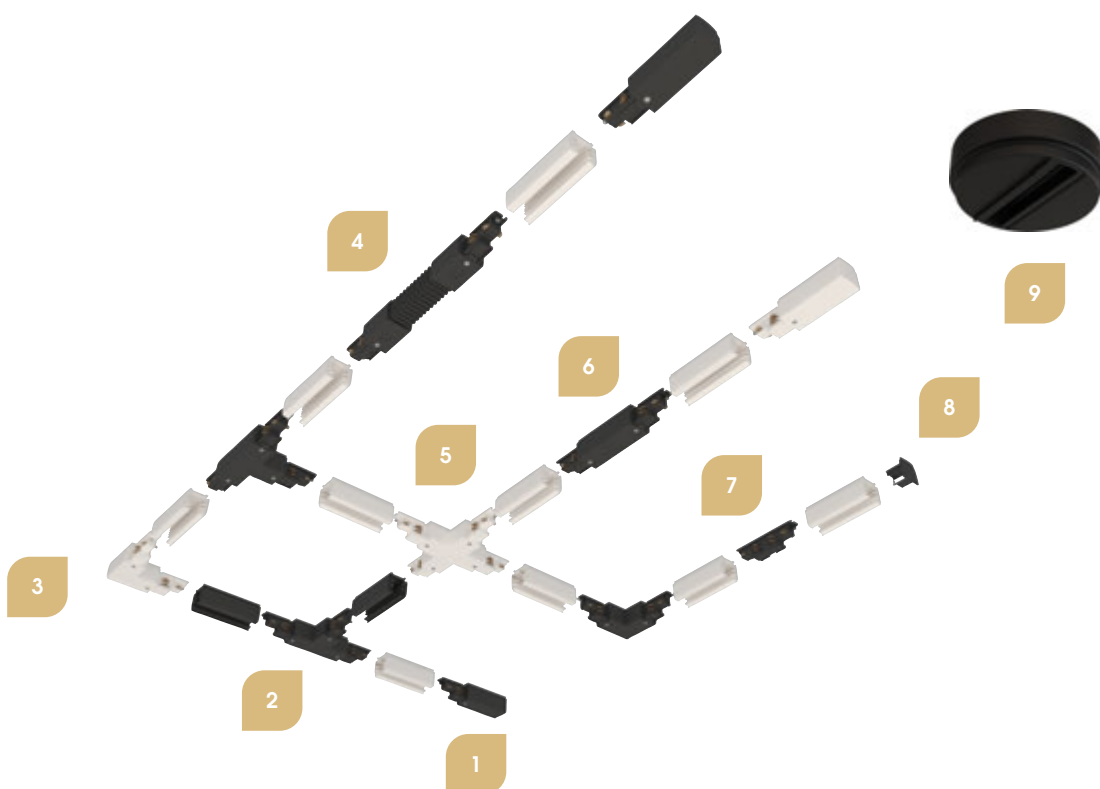


CODE	DESCRIPTION	CLASS	IP
APRT/P3/1M/1/W	1 Metre White	1	IP20
APRT/P3/2M/1/W	2 Metre White		
APRT/P3/1M/1/B	1 Metre Black		
APRT/P3/2M/1/B	2 Metre Black		

# Primo Three Circuit Accessories



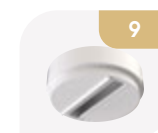
- Extensive range of accessories for track
- Option of left and right feed for Live end, L and T connectors



Powered by  
**CASAMBI**



Track  
Adaptor



Monopoint



Live End



T Connector



L Connector



Flexible  
Connector



Cross  
Connector



Straight  
Connector



Mini  
Joiner



End Cap

CODE	DESCRIPTION
1 <b>APRT/P3/LE/L/1/B</b>	Live End Left Black
<b>APRT/P3/LE/R/1/B</b>	Live End Right Black
2 <b>APRT/P3/TC/L/1/B</b>	T Connector Left Earth Outside Black
<b>APRT/P3/TC/L1/1/B</b>	T Connector Left Earth Inside Black
<b>APRT/P3/TC/R/1/B</b>	T Connector Right Earth Outside Black
<b>APRT/P3/TC/R1/1/B</b>	T Connector Right Earth Inside Black
3 <b>APRT/P3/LC/L/1/B</b>	L Connector Left Black
<b>APRT/P3/LC/R/1/B</b>	L Connector Right Black
4 <b>APRT/P3/FC/1/B</b>	Flexible Connector Black
5 <b>APRT/P3/XC/1/B</b>	Cross Connector Black

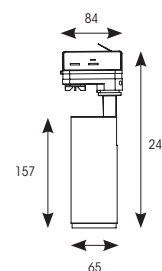
CODE	DESCRIPTION
6 <b>APRT/P3/SC/1/B</b>	Straight Connector Black
7 <b>APRT/P3/MJ/1/B</b>	Mini Joiner Black
8 <b>APRT/P3/EC/1/B</b>	End Cap Black
9 <b>APRT/MP/1/B</b>	Fixed Monopoint Black
<b>APRT/P3/TA/1/B</b>	Track Adaptor Black
<b>APRT/P3/SK/1/B</b>	1.5 Metre Suspension Kit Black

For white variant add 'W' into the above product codes e.g. **APRT/P3/EC/1/W**

# Primo Three Circuit 1



- Three circuit modern and slimline LED track spot with integral driver suitable for hospitality, residential, retail and ancillary applications
- Lightweight aluminium design provides sleek appearance and easy install
- 350° rotation with 0-90° tilt on the bracket
- Mirror finish anodized reflector
- Anti-glare design to create visual comfort
- Interchangeable 24° and 36° lens accessories ensuring suitability for a range of application installations
- Gold trim ring accessory available for unique appearance
- Triac dimmable as standard, DALI dimmable option also available



Powered by  
**CASAMBI**



Fitted with APRT1/GR/1



White

INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP
220/240V	50/60Hz	-20°C to 40°C	L80 36,000	90	3	60 °	1	IP20

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W	UGR
APRT1/P3/1/CW/W	Cool White - White	10W	4000K	1000lm	100lm/W	22
APRT1/P3/1/CW/B	Cool White - Black					
APRT1/P3/1/WW/W	Warm White - White	10W	3000K			
APRT1/P3/1/WW/B	Warm White - Black					

CODE (OPTIONS)	DESCRIPTION
/DD	DALI Dimming (/DD3)

CODE (ACCESSORIES)	DESCRIPTION
APRT1/24/1	Interchangeable Lens 24°
APRT1/36/1	Interchangeable Lens 36°

CODE (ACCESSORIES)	DESCRIPTION
APRT/MP/1/W	Monopoint White
APRT/MP/1/B	Monopoint Black
APRT1/GR/1	Gold Ring Attachment

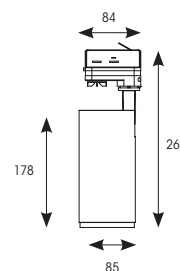




## Primo Three Circuit 2



- Three circuit modern and slimline LED track spot with integral driver suitable for hospitality, residential, retail and ancillary applications
- Lightweight aluminium design provides sleek appearance and easy install
- 350° rotation with 0-90° tilt on the bracket
- Mirror finish anodized reflector
- Anti-glare design to create visual comfort
- Interchangeable 24° and 36° lens accessories ensuring suitability for a range of application installations
- Gold trim ring accessory available for unique appearance
- Triac dimmable as standard, DALI dimmable option also available



Powered by  
**CASAMBI**



Fitted with APRT2/GR/2



White

INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP
220/240V	50/60Hz	-20°C to 40°C	L80 36,000	90	3	60 °	1	IP20

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W	UGR
APRT2/P3/1/CW/W	Cool White - White	20W	4000K	2100lm	105lm/W	22
APRT2/P3/1/CW/B	Cool White - Black					
APRT2/P3/1/WW/W	Warm White - White	20W	3000K	1900lm	93lm/W	
APRT2/P3/1/WW/B	Warm White - Black					

CODE (OPTIONS)	DESCRIPTION
/DD	DALI Dimming (/DD3)

CODE (ACCESSORIES)	DESCRIPTION
APRT2/24/1	Interchangeable Lens 24°
APRT2/36/1	Interchangeable Lens 36°

CODE (ACCESSORIES)	DESCRIPTION
APRT/MP/1/W	Monopoint White
APRT/MP/1/B	Monopoint Black
APRT2/GR/2	Gold Ring Attachment

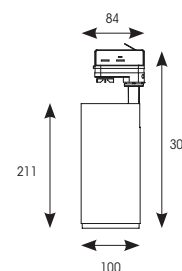




## Primo Three Circuit 3



- Three circuit modern and slimline LED track spot with integral driver suitable for hospitality, residential, retail and ancillary applications
- Lightweight aluminium design provides sleek appearance and easy install
- 350° rotation with 0-90° tilt on the bracket
- Mirror finish anodized reflector
- Anti-glare design to create visual comfort
- Interchangeable 24° and 36° lens accessories ensuring suitability for a range of application installations
- Gold trim ring accessory available for unique appearance
- Triac dimmable as standard, DALI dimmable option also available



Powered by  
**CASAMBI**



Fitted with APRT3/GR/1



White

INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP
220/240V	50/60Hz	-20°C to 40°C	L80 36,000	90	3	60 °	1	IP20

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W	UGR
APRT3/P3/1/CW/W	Cool White - White	30W	4000K	3000lm	100lm/w	22
APRT3/P3/1/CW/B	Cool White - Black					
APRT3/P3/1/WW/W	Warm White - White	30W	3000K	2800lm	93lm/W	
APRT3/P3/1/WW/B	Warm White - Black					

CODE (OPTIONS)	DESCRIPTION
/DD	DALI Dimming (/DD3)

CODE (ACCESSORIES)	DESCRIPTION
APRT3/24/1	Interchangeable Lens 24°
APRT3/36/1	Interchangeable Lens 36°

CODE (ACCESSORIES)	DESCRIPTION
APRT/MP/1/W	Monopoint White
APRT/MP/1/B	Monopoint Black
APRT3/GR/1	Gold Ring Attachment

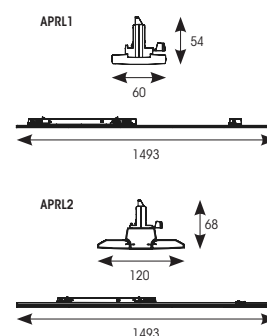




# Primo Libero Three Circuit Linear

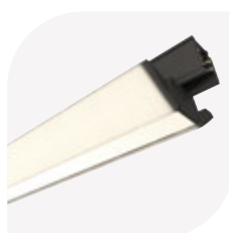


- Three circuit modern LED linear track light with integral driver suitable for commercial and retail applications
- Lightweight razor-thin aluminium profile design blends into the track system providing a minimal and sleek appearance
- Unique adjustable wing design can tilt up to 30° in either direction allowing more targeted area illumination, perfect for highlighting specific areas in retail applications. (Double versions have 2 adjustable wings and a central non-adjustable fixed line)
- Simple click and lock system for easy installation
- Versatile track adaptor design can slide to avoid track joints, ensuring a quick and easy install
- DALI dimmable as standard
- Compatible with all other Three Circuit Primo Track lighting products

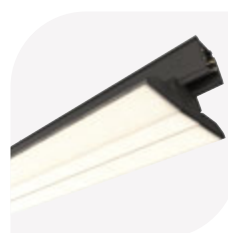


OCTO  
Compatible

Powered by  
CASAMBI



Dual 30° angled



Dual 0° angled



White Single

INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP
220/240V	50/60Hz	-25°C to 40°C	L80 60,000	90	3	50°*	1	IP20

\* APRL2/P3/1/\*\* 30°/90°

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W	UGR
APRL1/P3/1/CW/W/DD3	Cool White - White	35W - 50W	4000K	5300lm - 7500lm	140lm/w	22
APRL1/P3/1/CW/B/DD3	Cool White - Black			5000lm - 6700lm	135lm/W	
APRL1/P3/1/WW/W/DD3	Warm White - White		3000K	5100lm - 7200lm	140lm/W	
APRL1/P3/1/WW/B/DD3	Warm White - Black			5000lm - 6700lm	130lm/W	
APRL2/P3/1/CW/W/DD3	Cool White - White	35W - 50W	4000K	5000lm - 7100lm	140lm/W	22
APRL2/P3/1/CW/B/DD3	Cool White - Black			4700lm - 6400lm	130lm/W	
APRL2/P3/1/WW/W/DD3	Warm White - White		3000K	4800lm - 6700lm	130lm/W	
APRL2/P3/1/WW/B/DD3	Warm White - Black			4400lm - 6100lm	120lm/W	







# PENDANTS

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For a real design statement, our stylish pendant lights create a definite focal point and are ideal for use in residential, hospitality and retail applications. Available with OCTO smart lighting option, they are the perfect solution for design-led projects.



179

**RUBY**

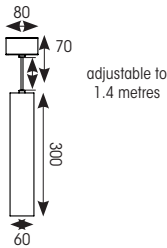
180

**KALA**



# Ruby

- Slim and modern LED pendant with die-cast housing suitable for residential, hospitality and retail applications
- White and black paint finish options with white bottom cover
- Triac dimmable as standard



OCTO  
Compatible

Powered by  
CASAMBI



White

INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP
220/240V	50/60Hz	-20°C to 25°C	L70 50,000	80	3	55°	1	IP20

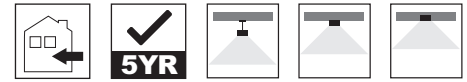
CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W	UGR
ARULEDP/WW/W	Warm White - White	15W	3000K	1300lm	87lm/W	23
ARULEDP/WW/B	Warm White - Black					



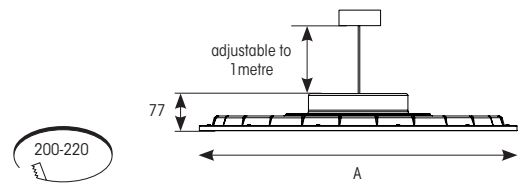


# Kala

- Architectural circular LED pendant with die-cast housing suitable for residential, hospitality and commercial applications
- CCT selectable between 3000K, 4000K and 6500K
- Intelligent 2 part construction separates pendant head from suspension, surface and recessing mounting kit accessories (sold separately) ensuring maximum versatility for a diverse range of installation applications
- Suspension kit includes ceiling rose, ensuring a quick and easy installation
- TPa diffuser as standard
- Triac dimmable as standard
- **Please note a suspension kit accessory or surface and recessing kit accessory are required for installation**



181



Powered by  
**CASAMBI**



Surface mounted

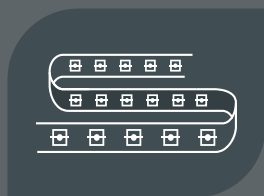
INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP
220/240V	50/60Hz	-10°C to 45°C	L80 50,000	80	6	110°	3	IP20

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W	UGR	A
AKAL1/1	400mm - CCT Selectable	25W	3000K/4000K/6500K	2800lm (4000K)	110lm/W	28	400mm
AKAL2/1	600mm - CCT Selectable	40W		4800lm (4000K)	120lm/W		600mm

CODE (ACCESSORIES)	DESCRIPTION
AKSK1/1	400mm Suspension Kit (with driver)
AKSK2/1	600mm Suspension Kit (with driver)

CODE (ACCESSORIES)	DESCRIPTION
AKSR1/1	400mm Surface and Recessed Kit (with driver)
AKSR2/1	600mm Surface and Recessed Kit (with driver)





# LED STRIP

The LED strip consists of 8 ranges including COB, dim-to-warm, eco, high efficiency, single cut, professional, ultra long and irregular bend. All are supplied with a self-adhesive back meaning no adhesive or fixings are required.

We have a solution for most industrial, commercial, hospitality, retail and residential settings. Our LED strip lights are available in RGBW, RGB, RGBTW and single colour options as well as IP20 and IP65 ratings.

184

**LED-CELL**  
STRIP

**LED-CELL**

208



**STRIP KITS**

210



**LED DRIVERS**

216



**ACCESSORIES**

## BESPOKE LED STRIP CUTTING

We understand that every project is unique, and off-the-shelf solutions don't always cut it—literally. That's why we're excited to introduce our Bespoke LED Strip Cutting Service, designed to meet your specific project requirements with precision and excellence.

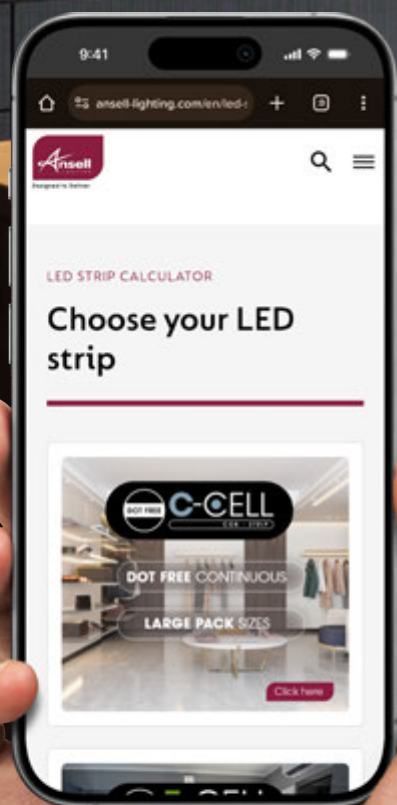
For information please visit the website or email  
**BespokeLEDCELL@anselluk.com**







## LED STRIP CALCULATOR



Our online LED strip calculator simplifies the process of choosing the correct strip, profiles and accessories for any job, no matter how big or small. The easy step-by-step process covers all aspects of selecting and ordering the correct products.

Simply run through your specification requirements and the calculator will work out all of the necessary parts you require. Add any accessories you will need and you are good to go. The calculator will produce a downloadable summary of everything you will need to order.

Visit [ansell-lighting.com/en/led-strip-calculator/](https://ansell-lighting.com/en/led-strip-calculator/) to find out more...

With a massive number of possibilities to choose from, our extensive range of **LED-CELL** strips cater for **every application**. The below step-by-step guide makes the process of selecting the strip you need, nice and simple.

## 1 CODE PART 1: STRIP MODEL/RANGE

Part 1 of our coding system is the model, or sometimes referred to as range. Reading through pages 4 to 17 will get you familiar with our ranges and give you a better idea of the range most suited to your installation. Our ranges are: COB C-CELL, ECO E-CELL, DIM-TO-WARM D-CELL, HIGH EFFICIENCY H-CELL, SINGLE CUT K-CELL, PROFESSIONAL P-CELL, ULTRA-LONG U-CELL and IRREGULAR BEND Z-CELL.

The first part of our coding system starts with the letter of each CELL. For example for C-CELL, the first part of the code would be 'C' followed by a '/'.

MODEL		MODEL		VOLTAGE		POWER / OUTPUT		IP RATING		COLOUR		COLOUR TEMP		LENGTH (M)		REVISION
C	COB	C	COB	24	24V	03	10W/m	20	IP20	01	White	22	2200K	S01	5m	01
								67	IP67			27	2700K	S02	10m	
												30	3000K	S05	50m	
												40	4000K			
												65	6500K			

## 2 CODE PART 2: VOLTAGE

Part 2 of the coding system is the voltage. All strip ranges, aside from U-CELL (which is 48V as standard) are 24V, so the next part of the code would be '24' (or '48' for any U-CELL strip). Following on from the previous step, your code so far would be C/24.

VOLTAGE		MODEL		VOLTAGE		POWER / OUTPUT		IP RATING		COLOUR		COLOUR TEMP		LENGTH (M)		REVISION
24	24V	C	COB	24	24V	03	10W/m	20	IP20	01	White	22	2200K	S01	5m	01
								67	IP67			27	2700K	S02	10m	
												30	3000K	S05	50m	
												40	4000K			
												65	6500K			

## 3 CODE PART 3: POWER/OUTPUT

Part 3 of the coding system is the power/output. Some strip ranges offer various power/output options. These options are indicated by a number, and the associated wattage per metre is shown in the description alongside. In the below example, '03' indicates 10W per metre. Following on from the previous step, your code would now be C/24/03. Please note, other ranges will have more wattage options to choose from.

POWER / OUTPUT		MODEL		VOLTAGE		POWER / OUTPUT		IP RATING		COLOUR		COLOUR TEMP		LENGTH (M)		REVISION
03	10W/m	C	COB	24	24V	03	10W/m	20	IP20	01	White	22	2200K	S01	5m	01
								67	IP67			27	2700K	S02	10m	
												30	3000K	S05	50m	
												40	4000K			
												65	6500K			

## 4 CODE PART 4: IP RATING

Part 4 of the coding system is the IP rating, and each range will offer various IP ratings, and some only one option. The code for IP rating is the same as the number rating itself, for example the code for IP20 strip would be '20'. Following on the from previous step, your code would now be C/24/03/20.

IP RATING											
20	IP20	MODEL	VOLTAGE		POWER / OUTPUT		IP RATING		COLOUR		REVISION
		C	COB	24	24V	03	10W/m	20	IP20	01	White
								67	IP67		
									22	2200K	S01
									27	2700K	S02
									30	3000K	S05
									40	4000K	
									65	6500K	

## 5 CODE PART 5: COLOUR

Part 5 of the coding system is the colour, and each range will offer various colour options. The colour refers to if the strip is singular white, tunable white, RGB or RGBW and these options are indicated by a number, and the associated colour is shown in the description alongside. In the below example, '01' indicates a white colour. Following on the from previous step, your code would now be C/24/03/01.

COLOUR											
01	White	MODEL	VOLTAGE		POWER / OUTPUT		IP RATING		COLOUR		REVISION
		C	COB	24	24V	03	10W/m	20	IP20	01	White
								67	IP67		
									22	2200K	S01
									27	2700K	S02
									30	3000K	S05
									40	4000K	
									65	6500K	

## 6 CODE PART 6: COLOUR TEMPERATURE

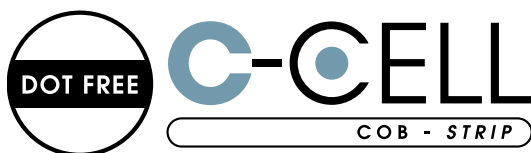
Part 6 of the code is the correlated colour temperature, or CCT more popularly, and each range will offer various CCT options. The code for a specific CCT is the same as the first 2 numbers of it's numerical value, for example the code for 2200K strip would be '22'. Following on the from previous step, your code would now be C/24/03/20/01/22.

COLOUR TEMP											
22	2200K	MODEL	VOLTAGE		POWER / OUTPUT		IP RATING		COLOUR		REVISION
		C	COB	24	24V	03	10W/m	20	IP20	01	White
								67	IP67		
									22	2200K	S01
									27	2700K	S02
									30	3000K	S05
									40	4000K	
									65	6500K	

## 7 CODE PART 7: LENGTH OF STRIP

Part 7 of the code is the strip length, and each range will offer various length options. These options are indicated by a number, and the associated length is shown in the description alongside. In the below example, 'S01' indicates 5 metres. Following on the from previous step, this example code is now complete and would be C/24/03/20/01/22/S01/01.

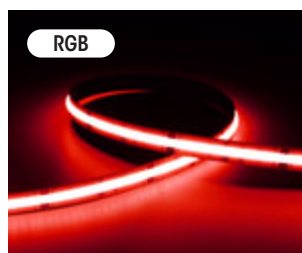
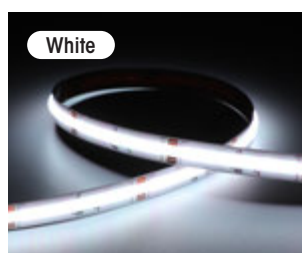
LENGTH (M)											
S01	5m	MODEL	VOLTAGE		POWER / OUTPUT		IP RATING		COLOUR		REVISION
S02	10m	C	COB	24	24V	03	10W/m	20	IP20	01	White
S05	50m							67	IP67		
									22	2200K	S01
									27	2700K	S02
									30	3000K	S05
									40	4000K	
									65	6500K	



- C-CELL dot-free LED strip suitable for residential, hospitality and retail applications
- Continuous phosphor, uniform dot-free output provides seamless light output for enhanced aesthetic appearance and allows product to be showcased as main lighting source, offering great installation versatility
- Single colour, RGB and tunable white flexible LED strip with self-adhesive back
- Fast fit plug and play connections remove the need for time consuming soldering of joints
- Large strip pack sizes and multiple connector packs offers great time saving and ease when working on a large scale project
- Joint and connection accessories sold separately
- High CRI 90 ensures the highest quality white light output
- **All drivers for LED strip listed on p210 - p215**
- **All LED strip accessories listed on p216 - p231**



**IP Options:** Available in IP20 and IP67



**Colour Options:** Single CCT, White Pro, Tunable White and RGB



**Continuous Phosphor:** Uniform dot-free output provides seamless light output for enhanced aesthetic appearance

DESCRIPTION	MODEL	VOLTAGE	OUTPUT	IP	COLOUR	CCT	LENGTH (M)	VERSION
Single CCT	C	24	03	20 / 67	01	22 / 27 / 30 / 40 / 65	S01 / S02 / S05	01
		24V	8W/m	IP20 or IP67	White	2200K or 2700K or 3000K or 4000K or 6500K	5m or 10m or 50m	1
White Pro	C	24	04	67	01	22 / 27 / 30 / 40 / 65	S01 / S02 / S03	01
		24V	14W/m	IP67	White	2200K or 2700K or 3000K or 4000K or 6500K	5m or 10m or 30m	1
Tunable White	C	24	05	20 / 67	02	00	S01 / S02 / S05	01
		24V	15W/m	IP20 or IP67	Tunable White	Tunable White	5m or 10m or 50m	1
RGB	C	24	04	20 / 67	03	00	S01 / S02 / S05	01
		24V	14W/m	IP20 or IP67	RGB	RGB	5m or 10m or 50m	1



## WHITE

IP20  41.66mm  8mm  
 IP67  41.66mm  10mm

## TUNABLE WHITE

IP20  50mm  10mm  
 IP67  50mm  12mm

# WHITE AND TUNABLE

Available in **2200K, 2700K, 3000K, 4000K and 6500K\***



\*Tunable white versions 2200K - 6500K

**Dot free** continuous output

**CRI 90** for high end retail and similar environments

**Up to 50M** reel length availability

## CODE BUILDER WHITE

MODEL		VOLTAGE		POWER / OUTPUT		IP RATING		COLOUR		COLOUR TEMP		LENGTH (M)		REVISION
C	COB	24	24V	03	8W/m	20	IP20	01	White	22	2200K	S01	5m	01
						67	IP67			27	2700K	S02	10m	
										30	3000K	S05	50m	
										40	4000K			
										65	6500K			

## CODE BUILDER TUNABLE WHITE

MODEL		VOLTAGE		POWER / OUTPUT		IP RATING		COLOUR		COLOUR TEMP		LENGTH (M)		REVISION
C	COB	24	24V	05	15W/m	20	IP20	02	Tunable White	00	TW	S01	5m	01
						67	IP67					S02	10m	
												S05	50m	



Column Header (Dark Grey Cells) = Overview of information being listed below

Left Part of Column (Grey Cells) = Part of code or codes to select from. For example, to specify **IP67** strip, use **'67'** from the **IP RATING** column

Right Part of Column (Black Cells) = Details of the code opposite for easy identification. For example **'00'** in **COLOUR TEMP** column refers to **TUNABLE WHITE**

COMPLETE CODE EXAMPLE - C/24/05/67/02/00/S01/01



IP67  22.7mm  12mm

# WHITE PRO

Available in **2200K, 2700K, 3000K, 4000K and 6500K**



**DOT FREE** continuous output

**IP67** for peace of mind  
with exposed outdoor use

Latest **LED TECHNOLOGY** delivers  
**HIGH CRI** and **LOW SDCM** values

## CODE BUILDER

MODEL		VOLTAGE		POWER / OUTPUT		IP RATING		COLOUR		COLOUR TEMP		LENGTH (M)		REVISION
C	COB	24	24V	04	14W/m	67	IP67	01	White	22	2200K	S01	5m	01
										27	2700K	S02	10m	
										30	3000K	S03	30m	
										40	4000K			
										65	6500K			

Column Header (Dark Grey Cells) = Overview of information being listed below

Left Part of Column (Grey Cells) = Part of code or codes to select from. For example, to specify **IP67** strip, use '**67**' from the **IP RATING** column

Right Part of Column (Black Cells) = Details of the code opposite for easy identification. For example '**22**' in **COLOUR TEMP** column refers to **2200K**

**COMPLETE CODE EXAMPLE** - C/24/04/67/01/22/S01/01

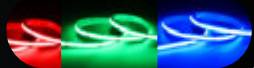




IP20  50mm  10mm  
IP67  50mm  12mm

## RGB

**FULL COLOUR CHANGE** via  
a range of handheld and  
**SMART** controllers



**DOT FREE** continuous output

**IP65** for peace of mind  
with exposed outdoor use

**Up to 50M** reel length availability

### CODE BUILDER

MODEL		VOLTAGE		POWER / OUTPUT		IP RATING		COLOUR		COLOUR TEMP		LENGTH (M)		REVISION
C	COB	24	24V	04	14W/m	20	IP20	03	RGB	00	RGB	S01	5m	01
						67	IP67					S02	10m	
												S05	50m	

Column Header (Dark Grey Cells) = Overview of information being listed below

Left Part of Column (Grey Cells) = Part of code or codes to select from. For example, to specify IP20 strip, use '20' from the IP RATING column

Right Part of Column (Black Cells) = Details of the code opposite for easy identification. For example '00' in COLOUR TEMP column refers to RGB

COMPLETE CODE EXAMPLE - C/24/04/20/03/00/S01/01



- D-CELL dim to warm LED strip suitable for residential and hospitality applications
- Warm 3000K - 1800K provides great versatility, offering a multi-use solution with one product. The 3000K colour temperature can be utilised for task lighting, but when dimmed and changed to 1800K, the output serves to create a more relaxed and intimate light setting
- Fast fit plug and play connections remove the need for time consuming soldering of joints
- Multiple connector packs offer great time saving and ease when working on a large scale project
- Joint and connection accessories sold separately
- High CRI 90 ensures the highest quality white light output
- **All drivers for LED strip listed on p210 - p215**
- **All LED strip accessories listed on p216 - p231**



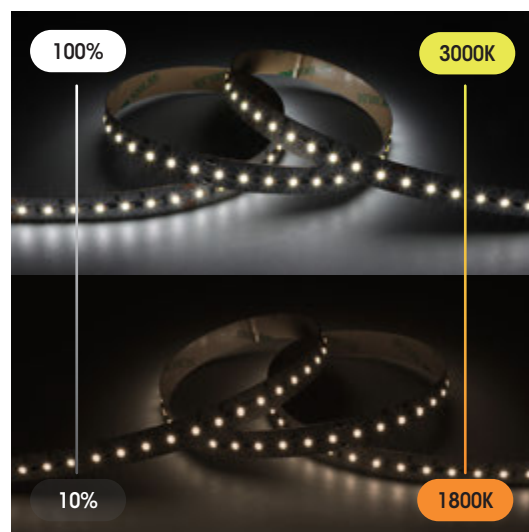
Connected by  
**wiz**



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**CASAMBI**



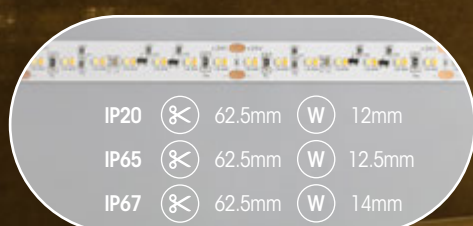
**IP Options:** Available in IP20, IP65 and IP67



**Dim-to-Warm:** 3000K when undimmed, colour temperature decreases down to 1800K when dimmed to 10%

DESCRIPTION	MODEL	VOLTAGE	OUTPUT	IP	COLOUR	CCT	LENGTH (M)	VERSION
Dim-to-Warm	D	24	02	20 / 65 / 67	06	00	S01	01
		24V	9.6W/m	IP20 or IP65 or IP67	Dim-to-Warm	Tunable White	5m	1





IP20	⊗	62.5mm	W	12mm
IP65	⊗	62.5mm	W	12.5mm
IP67	⊗	62.5mm	W	14mm

# DIM TO WARM

Dim to Warm **3000K DOWN TO 1800K** mimics traditional halogen and incandescent lighting

**WARM TONE** when dimmed provides softer, more intimate ambient lighting

**IP20, IP65 and IP67** for installation versatility for both interior and exterior applications

Dimmable via **traditional dimmer switch** or compatible **SMART controls**

## CODE BUILDER

MODEL		VOLTAGE		POWER / OUTPUT		IP RATING		COLOUR		COLOUR TEMP		LENGTH (M)		REVISION
D	Dim-to	24	24V	02	9.6W/m	20	IP20	06	Dim-to	00	TW	S01	5m	01
	Warm					65	IP65		Warm					
						67	IP67							

Column Header (Dark Grey Cells) = Overview of information being listed below

Left Part of Column (Grey Cells) = Part of code or codes to select from. For example, to specify **IP20** strip, use '20' from the **IP RATING** column

Right Part of Column (Black Cells) = Details of the code opposite for easy identification. For example '00' in **COLOUR TEMP** column refers to **TUNABLE WHITE**

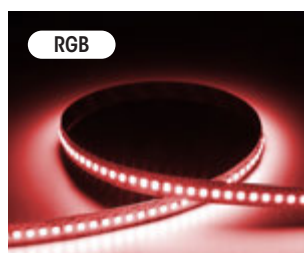
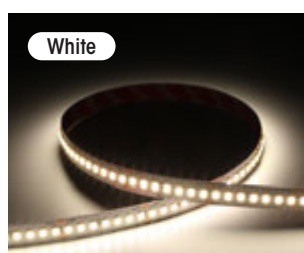
COMPLETE CODE EXAMPLE - D/24/02/20/06/00/S01/01



- E-CELL eco LED strip suitable for residential and commercial applications
- High LED density (196 LEDs per metre) provides a uniform output reducing spotting and providing a more seamless output of light compared to traditional LED strips
- Fast fit plug and play connections remove the need for time consuming soldering of joints
- Large strip pack sizes and multiple connector packs offers great time saving and ease when working on a large scale project
- Single colour, RGB and RGBW flexible LED strip with self-adhesive back
- Joint and connection accessories sold separately
- High CRI 90 ensures the highest quality white light output
- **All drivers for LED strip listed on p210 - p215**
- **All LED strip accessories listed on p216 - p231**



**IP Options:** Available in IP20 and IP65



**Colour Options:** Single CCT, RGB and RGBW



**High Density LEDs:** 196 LEDs per metre provides uniform output and reduced spotting for a more seamless output

DESCRIPTION	MODEL	VOLTAGE	OUTPUT	IP	COLOUR	CCT	LENGTH (M)	VERSION
Single CCT	E	24	01 / 03 / 04	20 / 65	01	30 / 40 / 65	S01 / S02 / S05	01
		24V	4.8W/m or 9.6W/m or 14.4W/m	IP20 or IP65	White	3000K or 4000K or 6500K	5m or 10m or 50m	1
RGB	E	24	01	20 / 65	03	00	S01 / S02 / S05	01
		24V	10W/m	IP20 or IP65	RGB	RGB	5m or 10m or 50m	1
RGBW	E	24	02	20 / 65	04	30 / 40 / 65	S01 / S02 / S05	01
		24V	15W/m	IP20 or IP65	RGBW	3000K or 4000K or 6500K	5m or 10m or 50m	1



4.8W  $\left(\frac{8}{\text{m}}\right)$  100mm  $\left(\frac{W}{\text{mm}}\right)$  8mm

9.6W  $\left(\frac{8}{\text{m}}\right)$  41.67mm  $\left(\frac{W}{\text{mm}}\right)$  8mm

14.4W  $\left(\frac{8}{\text{m}}\right)$  29.41mm  $\left(\frac{W}{\text{mm}}\right)$  10mm

# WHITE

Available in  
3000K, 4000K and 6500K



HIGH LED DENSITY

IP20 and IP65 for installation versatility  
for both interior and exterior applications

Up to 50M reel length availability

## CODE BUILDER

MODEL		VOLTAGE		POWER / OUTPUT		IP RATING		COLOUR		COLOUR TEMP		LENGTH (M)		REVISION
E	Eco	24	24V	01	4.8W/m	20	IP20	01	Single White	30	3000K	S01	5m	01
				03	9.6W/m	65	IP65			40	4000K	S02	10m	
				04	14.4W/m					65	6500K	S05	50m	

Column Header (Dark Grey Cells) = Overview of information being listed below

Left Part of Column (Grey Cells) = Part of code or codes to select from. For example, to specify IP20 strip, use '20' from the IP RATING column

Right Part of Column (Black Cells) = Details of the code opposite for easy identification. For example '30' in COLOUR TEMP column refers to 3000K

COMPLETE CODE EXAMPLE - E/24/01/20/01/30/S01/01





IP20 100mm W 10mm  
IP65 100mm W 10.5mm

## RGB

**FULL COLOUR CHANGE** via a range of handheld and **SMART** controllers



Range of **CONNECTORS, PROFILES AND CONTROLLERS** available

**IP20 and IP65** for installation versatility for both interior and exterior applications

**Up to 50M** reel length availability

### CODE BUILDER

MODEL		VOLTAGE		POWER / OUTPUT		IP RATING		COLOUR		COLOUR TEMP		LENGTH (M)		REVISION
E	Eco	24	24V	01	10W	20	IP20	03	RGB	00	RGB	S01	5m	01
						65	IP65					S02	10m	
												S05	50m	

Column Header (Dark Grey Cells) = Overview of information being listed below

Left Part of Column (Grey Cells) = Part of code or codes to select from. For example, to specify **IP20** strip, use '20' from the **IP RATING** column

Right Part of Column (Black Cells) = Details of the code opposite for easy identification. For example '00' in **COLOUR TEMP** column refers to **RGB**

**COMPLETE CODE EXAMPLE** - E/24/01/20/03/00/S01/01





IP20



100mm



12mm

IP65



100mm



12.5mm

# RGBW

**FULL COLOUR CHANGE  
(INCLUDING WHITE)** via  
a range of handheld and  
**SMART** controllers



**3000K, 4000K and 6500K**  
white options available

**IP20 and IP65** for installation versatility  
for both interior and exterior applications

**Up to 50M** reel length availability

## CODE BUILDER

MODEL		VOLTAGE		POWER / OUTPUT		IP RATING		COLOUR		COLOUR TEMP		LENGTH (M)		REVISION
E	Eco	24	24V	02	15W/m	20	IP20	04	RGBW	30	3000K	S01	5m	01
						65	IP65			40	4000K	S02	10m	
												S05	50m	

Column Header (Dark Grey Cells) = Overview of information being listed below

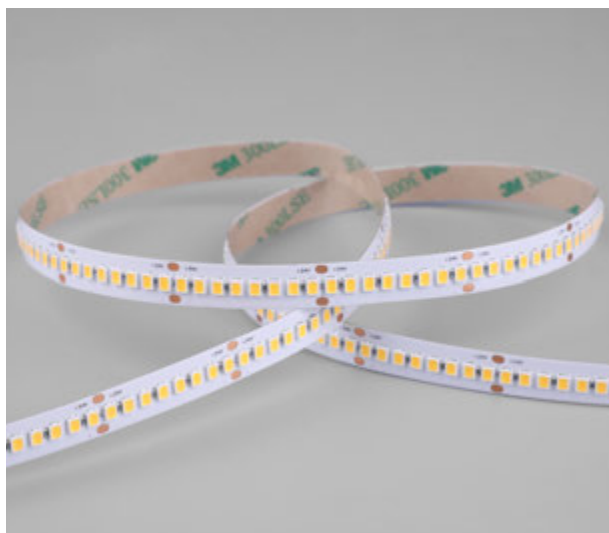
Left Part of Column (Grey Cells) = Part of code or codes to select from. For example, to specify IP20 strip, use '20' from the IP RATING column

Right Part of Column (Black Cells) = Details of the code opposite for easy identification. For example '30' in COLOUR TEMP column refers to 3000K

COMPLETE CODE EXAMPLE - E/24/02/20/04/30/S01/01



- H-CELL high efficiency LED strip suitable for high end residential, retail and commercial applications
- Super high efficiency (up to 190lm/W delivered) provides great energy saving benefits and can replace existing lighting as main source of light output
- High LED density (Up to 240 LEDs per metre) provides a uniform output reducing spotting and providing a more seamless output of light compared to traditional LED strips, coupled with a high CRI this ensures suitability for use within professional display and high end retail environments
- Fast fit plug and play connections remove the need for time consuming soldering of joints
- Large strip pack sizes and multiple connector packs offers great time saving and ease when working on a large scale project
- IP20, IP65 and IP67 options available provide maximum application versatility
- Joint and connection accessories sold separately
- High CRI 90 ensures the highest quality white light output
- **All drivers for LED strip listed on p210 - p215**
- **All LED strip accessories listed on p216 - p231**



**IP Options:** Available in IP20, IP65 and IP67\*



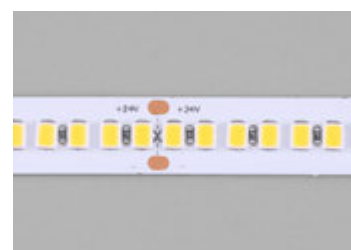
**Colour Options:** Single CCT (2200K, 2700K, 3000K, 4000K and 6500K)



Connected by  
**WIZ**



Powered by  
**CASAMBI**



**High Efficiency:** Upto 190lm/W with 240 LEDs per metre provides great energy saving benefits, and the ability to use as the main light source

DESCRIPTION	MODEL	VOLTAGE	OUTPUT	IP	COLOUR	CCT	LENGTH (M)	VERSION
Single	H	24	01 / 03	20 / 65 / 67	01	22 / 27 / 30 / 40 / 65	S01 / S02 / S05	01
CCT		24V	9.6W/m or 19.2W/m	IP20 or IP65 or IP67	White	2200K or 2700K or 3000K or 4000K or 6500K	5m or 10m or 50m	1

9.6W

19.2W

IP20 ⌀ 50mm W 10mm  
 IP65 ⌀ 50mm W 10mm  
 IP67 ⌀ 50mm W 12mm

IP20 ⌀ 33.33mm W 10mm  
 IP65 ⌀ 33.33mm W 10mm  
 IP67 ⌀ 33.33mm W 12mm

# WHITE

Available in **2200K, 2700K, 3000K, 4000K and 6500K**



Up to **190lm/W** efficiency and **240 LEDs** per metre

**IP20, IP65 and IP67** for installation versatility for both interior and exterior applications

**Up to 50M** reel length availability

## CODE BUILDER

MODEL		VOLTAGE		POWER / OUTPUT		IP RATING		COLOUR		COLOUR TEMP		LENGTH (M)		REVISION
H	High Efficiency	24	24V	01	9.6W/m	20	IP20	01	White	22	2200K	S01	5m	01
				03	19.2W/m	65	IP65			27	2700K	S02	10m	
						67	IP67			30	3000K	S05	50m	
										40	4000K			
										65	6500K			

Column Header (Dark Grey Cells) = Overview of information being listed below

Left Part of Column (Grey Cells) = Part of code or codes to select from. For example, to specify **IP20** strip, use '**20**' from the **IP RATING** column

Right Part of Column (Black Cells) = Details of the code opposite for easy identification. For example '**22**' in **COLOUR TEMP** column refers to **2200K**

COMPLETE CODE EXAMPLE - H/24/01/20/01/22/S01/01



- K-CELL single cut LED strip suitable for high end residential, hospitality and retail applications
- Extremely small cutting points (every 5.55mm for 5W, every 8.33mm for 14.4W) ensures complete control over the exact run length of strip, for applications where accurate and precise light placement is paramount
- High CRI ensures suitability for use within professional display and high end retail environments
- Fast fit plug and play connections remove the need for time consuming soldering of joints
- Joint and connection accessories sold separately
- High CRI 90 ensures the highest quality white light output
- **All drivers for LED strip listed on p210 - p215**
- **All LED strip accessories listed on p216 - p231**



Connected by  
**wiz**



Powered by  
**CASAMBI**



**IP Options:** Available in IP20 and IP67



**Colour Options:** Single CCT  
(2700K, 3000K, 4000K and 6500K)



**Single Cut:** Ultra small cutting points of  
5.55mm for 5W versions, and 8.33mm  
for 14W versions

DESCRIPTION	MODEL	VOLTAGE	OUTPUT	IP	COLOUR	CCT	LENGTH (M)	VERSION
Single CCT	K	24	01 / 03	20 / 67	01	27 / 30 / 40 / 65	S01 / S02 / S05	01
		24V	5W/m or 14.4W/m	IP20 or IP67	White	2700K or 3000K or 4000K or 6500K	5m or 10m or 50m	1





5W

14.4W

IP20  5.55mm  5mm  
 IP67  5.55mm  7.5mm

IP20  8.33mm  10mm  
 IP67  8.33mm  12mm

# WHITE

Available in **2700K, 3000K, 4000K and 6500K**



**Ultra small cutting points**  
offer complete control and installation flexibility

**IP20 and IP67** for installation versatility  
for both interior and exterior applications

**Up to 50M** reel length availability

## CODE BUILDER

MODEL		VOLTAGE		POWER / OUTPUT		IP RATING		COLOUR		COLOUR TEMP		LENGTH (M)		REVISION
K	Dual Cut	24	24V	01	5W	20	IP20	01	White	27	2700K	S01	5m	01
				03	14.4W	67	IP67			30	3000K	S02	10m	
										40	4000K	S05	50m	
										65	6500K			

Column Header (Dark Grey Cells) = Overview of information being listed below

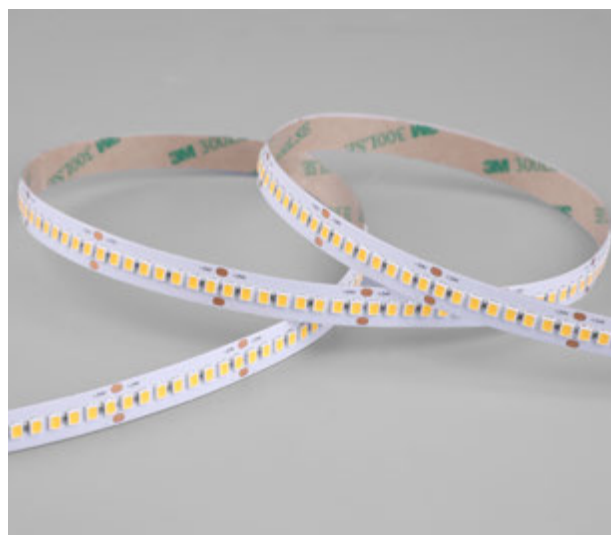
Left Part of Column (Grey Cells) = Part of code or codes to select from. For example, to specify **IP20** strip, use '**20**' from the **IP RATING** column

Right Part of Column (Black Cells) = Details of the code opposite for easy identification. For example '**27**' in **COLOUR TEMP** column refers to **2700K**

COMPLETE CODE EXAMPLE - K/24/01/20/01/27/S01/01



- P-CELL Professional LED strip suitable for high end residential, hospitality, retail and commercial applications
- Super high efficacy ensures peak performance, whilst also remaining economical and energy saving, helping to reduce overall energy consumption for all large scale installations
- Elite level LED chip technology with low SDCM produces the best quality white light
- High LED density (240 LEDs per metre) provides a uniform output reducing spotting and providing a more seamless output of light compared to traditional LED strips, coupled with a high CRI this ensures suitability for use within professional display and high end retail environments
- An extensive range of colour temperature options, IP ratings and power outputs offer the ultimate package of flexibility and versatility, suited for all high end applications
- Fast fit plug and play connections available
- Large strip pack sizes and multiple connector packs offers great time saving and ease when working on a large scale project
- Joint and connection accessories sold separately
- High CRI 97 ensures the highest quality white light output
- **All drivers for LED strip listed on p210 - p215**
- **All LED strip accessories listed on p216 - p231**



**IP Options:** Available in IP20, IP65 and IP67



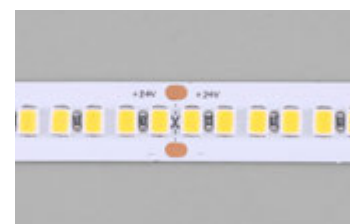
**Colour Options:** Single CCT (2200K, 2700K, 3000K, 4000K and 6500K)  
RGBW, RGBTW and Tunable White



Connected by  
**WIZ**



Powered by  
**CASAMBI**



**Professional Strip:** 240 LEDs per metre, combined with >97 CRI and low SDCM provide the highest quality light output

DESCRIPTION	MODEL	VOLTAGE	OUTPUT	IP	COLOUR	CCT	LENGTH (M)	VERSION
Single CCT	P	24	01 / 03 / 04 / 05	20 / 65 / 67	01	22 / 27 / 30 / 40 / 65	S01 / S02 / S05	01
		24V	4.8W/m or 9.6W or 14.4W/m or 19.2W/m	IP20 or IP65 or IP67	White	2200K or 2700K or 3000K or 4000K or 6500K	5m or 10m or 50m	1
RGBW	P	24	03 / 04	20 / 65 / 67	04	30 / 40 / 65	S01 / S02 / S05	01
		24V	18W/m or 20W/m	IP20 or IP65 or IP67	RGBW	3000K or 4000K or 6500K	5m or 10m or 50m	1
RGBTW	P	24	04	20 / 65 / 67	05	00	S01 / S02 / S05	01
		24V	18W/m	IP20 or IP65 or IP67	RGBTW	RGBTW	5m or 10m or 50m	1
Tunable White	P	24	02	20 / 65 / 67	02	00	S01 / S02 / S05	01
		24V	14.4W/m	IP20 or IP65 or IP67	Tunable White	TW	5m or 10m or 50m	1



## WHITE

4.8W &amp; 9.6W

IP20 &  
IP65

50mm



10mm

IP67



50mm



12mm

## TUNABLE WHITE

14.4W &amp; 19.2W

IP20 &  
IP65

33.33mm



10mm

IP67



33.33mm



12mm

IP20 &  
IP65

50mm



10mm

IP67



50mm



12mm

## WHITE AND TUNABLE

Available in **2200K, 2700K, 3000K, 4000K, 6500K** and **Tunable White**Up to **>97 CRI** and low SDCM  
with **240 LEDs** per metre**IP20, IP65 and IP67** for installation versatility  
for both interior and exterior applications**Up to 50M** reel length availability

## CODE BUILDER WHITE

MODEL		VOLTAGE		POWER / OUTPUT		IP RATING		COLOUR		COLOUR TEMP		LENGTH (M)		REVISION
P	Pro	24	24V	01	4.8W/m	20	IP20	01	White	22	2200K	S01	5m	01
				03	9.6W/m	65	IP65			27	2700K	S02	10m	
				04	14.4W/m	67	IP67			30	3000K	S05	50m	
				05	19.2W/m					40	4000K			
										65	6500K			

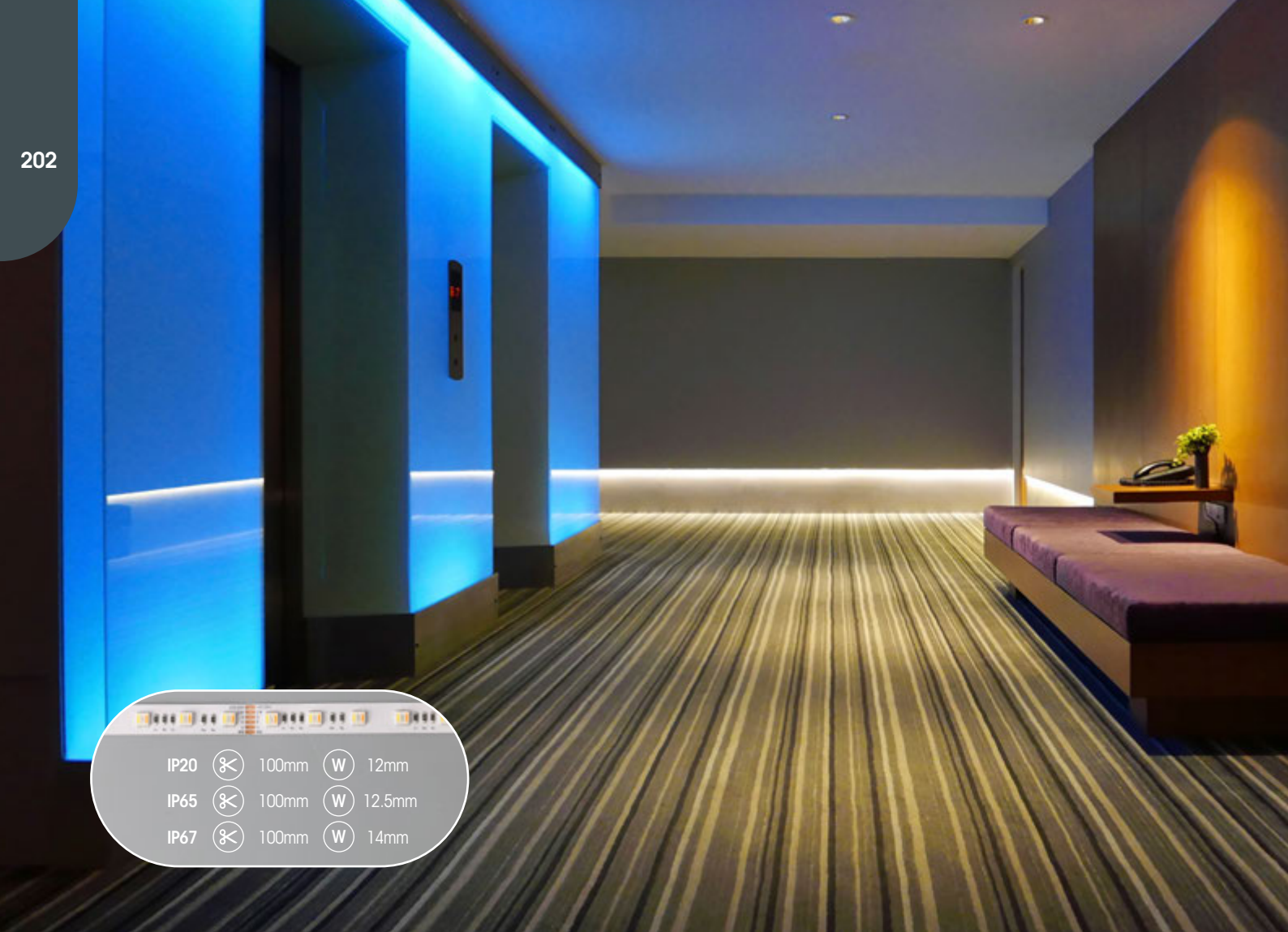
## CODE BUILDER TUNABLE WHITE

MODEL		VOLTAGE		POWER / OUTPUT		IP RATING		COLOUR		COLOUR TEMP		LENGTH (M)		REVISION
P	Pro	24	24V	02	14.4W/m	20	IP20	02	Tunable	00	TW	S01	5m	01
						65	IP65					S02	10m	
						67	IP67					S05	50m	

Column Header (Dark Grey Cells) = Overview of information being listed below

Left Part of Column (Grey Cells) = Part of code or codes to select from. For example, to specify **IP20** strip, use **'20'** from the **IP RATING** columnRight Part of Column (Black Cells) = Details of the code opposite for easy identification. For example **'00'** in **COLOUR TEMP** column refers to **TUNABLE WHITE**

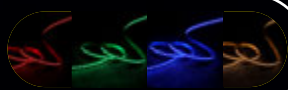
COMPLETE CODE EXAMPLE - P/24/02/20/02/00/S01/01



IP20		100mm		12mm
IP65		100mm		12.5mm
IP67		100mm		14mm

# RGBTW

Red, Green, Blue and Tunable  
White programmable output



Up to **>97 CRI** and low SDCM  
with **240 LEDs** per metre

**IP20, IP65 and IP67** for installation versatility  
for both interior and exterior applications

**Up to 50M** reel length availability

## CODE BUILDER

MODEL		VOLTAGE		POWER / OUTPUT		IP RATING		COLOUR		COLOUR TEMP		LENGTH (M)		REVISION
P	Pro	24	24V	04	18W/m	20	IP20	05	RGBTW	00	RGBTW	S01	5m	01
						65	IP65					S02	10m	
						67	IP67					S05	50m	

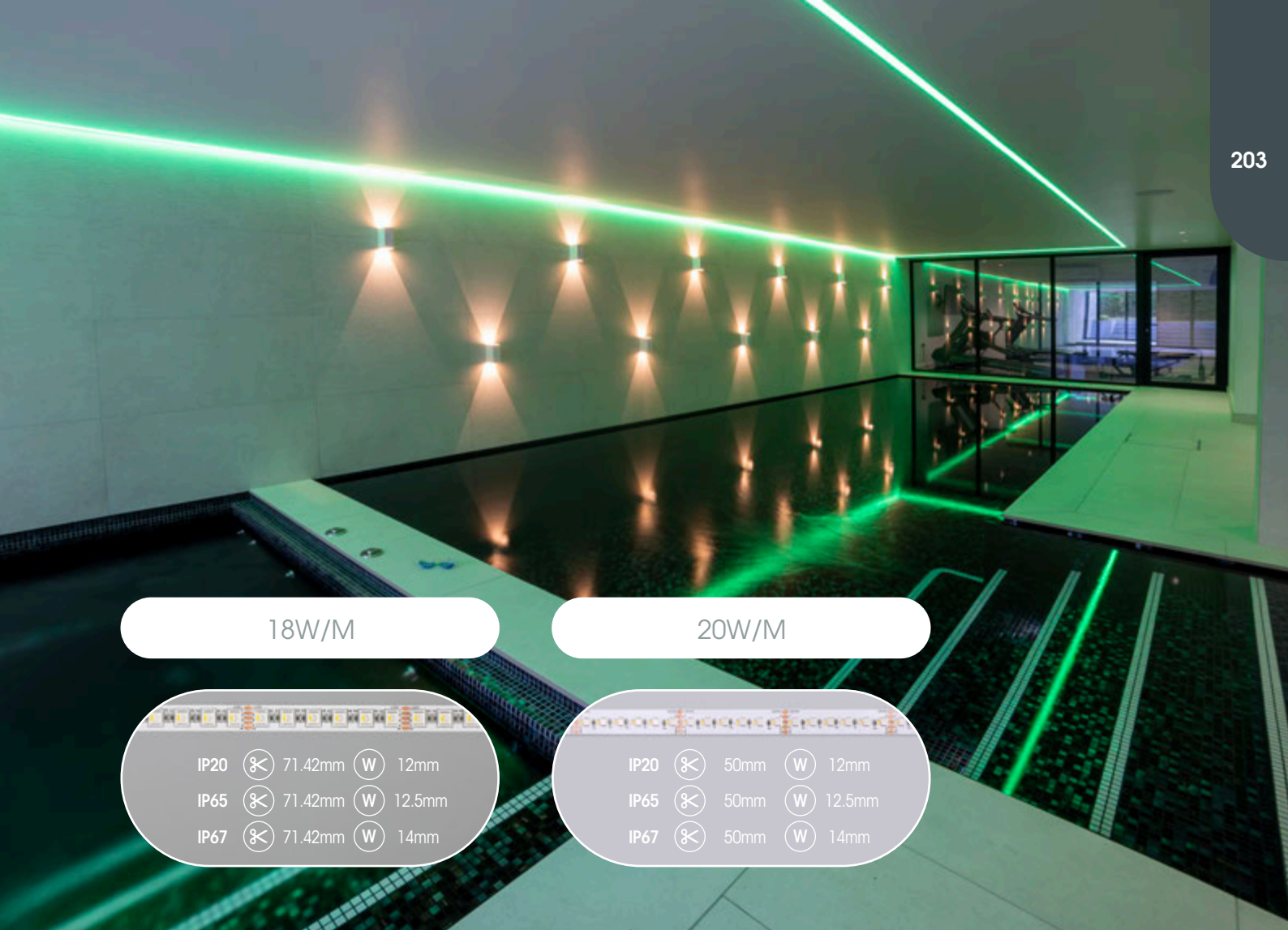
Column Header (Dark Grey Cells) = Overview of information being listed below

Left Part of Column (Grey Cells) = Part of code or codes to select from. For example, to specify **IP20** strip, use **'20'** from the **IP RATING** column

Right Part of Column (Black Cells) = Details of the code opposite for easy identification. For example **'00'** in **COLOUR TEMP** column refers to **RGBTW**

COMPLETE CODE EXAMPLE - P/24/04/20/05/00/S01/01





18W/M

20W/M

IP20 ⌀ 71.42mm W 12mm

IP65 ⌀ 71.42mm W 12.5mm

IP67 ⌀ 71.42mm W 14mm

IP20 ⌀ 50mm W 12mm

IP65 ⌀ 50mm W 12.5mm

IP67 ⌀ 50mm W 14mm

# RGBW

Red, Green, Blue and White  
programmable output



Ultra-high LED chip density  
with **240 LEDs** per metre

**IP20, IP65 and IP67** for installation versatility  
for both interior and exterior applications

**Up to 50M** reel length availability

## CODE BUILDER

MODEL		VOLTAGE		POWER / OUTPUT		IP RATING		COLOUR		COLOUR TEMP		LENGTH (M)		REVISION
P	Pro	24	24V	03	18W/m	20	IP20	04	RGBW	30	3000K	S01	5m	01
				04	20W/m	65	IP65			40	4000K	S02	10m	
						67	IP67			65	6500K	S05	50m	

Column Header (Dark Grey Cells) = Overview of information being listed below

Left Part of Column (Grey Cells) = Part of code or codes to select from. For example, to specify **IP20** strip, use **'20'** from the **IP RATING** column

Right Part of Column (Black Cells) = Details of the code opposite for easy identification. For example **'30'** in **COLOUR TEMP** column refers to **3000K**

COMPLETE CODE EXAMPLE - P/24/03/20/04/30/S01/01



- U-CELL Ultra long LED strip suitable for residential (external), hospitality, retail and commercial applications
- Low 48V input offers great reliability and safety for outdoor installations, as well as uniform brightness from the beginning to the end of each run
- Up to 50M can be run from a single power supply, great for external applications when suitable power supply locations are few and far between
- Available in IP20, IP65 and IP67 ratings, and in drums up to 50M ensuring suitability for any long length internal or external application
- Fast fit plug and play connections remove the need for time consuming soldering of joints
- Large strip pack sizes and multiple connector packs offers great time saving and ease when working on a large scale project
- Joint and connection accessories sold separately
- High CRI 90 ensures the highest quality white light output
- **All drivers for LED strip listed on p210 - p215**
- **All LED strip accessories listed on p216 - p231**



**IP Options:** Available in IP20, IP65 and IP67



**Colour Options:** Single CCT (3000K, 4000K and 6500K) and RGBW



OCTO  
Compatible

Connected by  
**wiz**



OCTO  
Compatible

Powered by  
**CASAMBI**



**Ultra Long:** Up to 50M run length on single power supplier

DESCRIPTION	MODEL	VOLTAGE	OUTPUT	IP	COLOUR	CCT	LENGTH (M)	VERSION
Single CCT	U	48	01 / 03	20 / 65 / 67	01	30 / 40 / 65	S03 / S05	01
		48V	4.8W/m or 9.6W/m	IP20 or IP65 or IP67	White	3000K or 4000K or 6500K	30m or 50m	1
RGBW	U	48	04	20 / 65 / 67	04	30 / 40 / 65	S03	01
		48V	14W/m	IP20 or IP65 or IP67	RGBW	3000K or 4000K or 6500K	20m	1



## WHITE

## RGBW

IP20 100mm W 12mm  
 IP65 100mm W 12.5mm  
 IP67 100mm W 14mm

IP20 166.7mm W 12mm  
 IP65 166.7mm W 12.5mm  
 IP67 166.7mm W 14mm

# WHITE AND RGBW

Red, Green, Blue and White  
programmable output



50M run on single power supply

IP20, IP65 and IP67 for installation versatility  
for both interior and exterior applications

Up to 50M\* reel length availability

\*only available for white strip

## CODE BUILDER WHITE

MODEL		VOLTAGE		POWER / OUTPUT		IP RATING		COLOUR		COLOUR TEMP		LENGTH (M)		REVISION
U	Ultra	48	48V	01	4.8W/m	20	IP20	01	White	30	3000K	S03	30m	01
	Long			03	9.6W/m	65	IP65			40	4000K	S05	50m	
						67	IP67			65	6500K			

## CODE BUILDER RGBW

MODEL		VOLTAGE		POWER / OUTPUT		IP RATING		COLOUR		COLOUR TEMP		LENGTH (M)		REVISION				
U	Ultra	48	48V	04	14W/m	20	IP20	04	RGBW	30	3000K	S03	20m	01				
	Long					65	IP65			40	4000K							
						67	IP67			65	6500K							

Column Header (Dark Grey Cells) = Overview of information being listed below

Left Part of Column (Grey Cells) = Part of code or codes to select from. For example, to specify IP20 strip, use '20' from the IP RATING column

Right Part of Column (Black Cells) = Details of the code opposite for easy identification. For example '30' in COLOUR TEMP column refers to 3000K

COMPLETE CODE EXAMPLE - U/48/04/20/04/30/S02/01

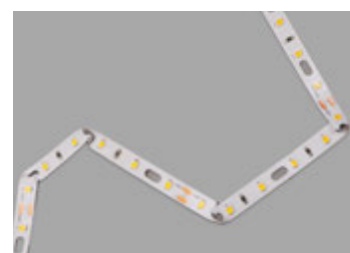


- Z-CELL irregular bend LED strip suitable for residential, hospitality, retail and commercial applications
- Distinctive PCB design allows strip to bend on the horizontal plane without the need for connectors whilst maintaining continuous light output with no dark spots
- Single colour and RGBW flexible LED strip with self-adhesive back
- Large strip pack sizes and multiple connector packs offers great time saving and ease when working on a large scale project
- Joint and connection accessories sold separately
- High CRI 90 ensures the highest quality white light output
- **All drivers for LED strip listed on p210 - p215**
- **All LED strip accessories listed on p216 - p231**



Connected by  
**wiz**

Powered by  
**CASAMBI**



**IP Options:** Available in IP20

**Colour Options:** Single CCT (2700K, 3000K, 4000K and 6500K) and RGBW

**Irregular bend:** Strip can bend on horizontal plane, allowing for installation into intricate areas without the need for connectors, reducing dark spots

DESCRIPTION	MODEL	VOLTAGE	OUTPUT	IP	COLOUR	CCT	LENGTH (M)	VERSION
Single CCT	Z	24	02	20	01	27 / 30 / 40 / 65	S01 / S02 / S05	01
		24V	7.2W/m	IP20	White	2700K or 3000K or 4000K or 6500K	5m or 10m or 50m	1

DESCRIPTION	MODEL	VOLTAGE	OUTPUT	IP	COLOUR	CCT	LENGTH (M)	VERSION
RGBW	Z	24	03	20	04	27 / 30 / 40	S01 / S02 / S05	01
		24V	12.6W/m	IP20	RGBW	2700K or 3000K or 4000K	5m or 10m or 50m	1



WHITE

RGBW

7.2W/M 8mm 100mm W

12.6W/M 12mm 125mm W

# WHITE AND RGBW

Red, Green, Blue and White  
programmable output



Flexible PCB allows strip to bend  
on horizontal plane

IP20 for interior residential, hospitality, retail  
and commercial applications

Up to 50M reel length availability

## CODE BUILDER WHITE

MODEL		VOLTAGE		POWER / OUTPUT		IP RATING		COLOUR		COLOUR TEMP		LENGTH (M)		REVISION
Z	Irregular Bend	24	24V	02	7.2W/m	20	IP20	01	White	27	2700K	S01	5m	01
										30	3000K	S02	10m	
										40	4000K	S05	50m	
										65	6500K			

## CODE BUILDER RGBW

MODEL		VOLTAGE		POWER / OUTPUT		IP RATING		COLOUR		COLOUR TEMP		LENGTH (M)		REVISION
Z	Irregular Bend	24	24V	03	12.6W/m	20	IP20	04	RGBW	27	2700K	S01	5m	01
										30	3000K	S02	10m	
										40	4000K	S05	50m	

Column Header (Dark Grey Cells) = Overview of information being listed below

Left Part of Column (Grey Cells) = Part of code or codes to select from. For example, to specify IP20 strip, use '20' from the IP RATING column

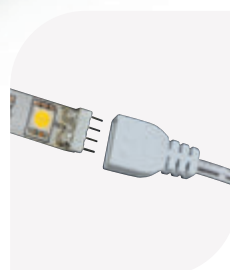
Right Part of Column (Black Cells) = Details of the code opposite for easy identification. For example '27' in COLOUR TEMP column refers to 2700K

COMPLETE CODE EXAMPLE - Z/24/03/20/04/27/S01/01

# Python White Flexible Strip Kits



- 5 metre flexible strip kit with self-adhesive back suitable for semi-commercial and residential applications
- Flexible quick-fit joint included
- Fast and easy-fit plug and play connection from driver to LED strip
- Cutting point every 80mm
- Strip width 10mm
- 6W per metre



Plug-in Connection  
from Strip to Driver



**Each Kit Includes:-**  
LED Driver, Flexible Quick-Fit Joint and 5M Strip

INPUT	HERTZ	TEMP	LIFETIME (HRS)	SDCM	BEAM ANGLE	CLASS	IP
230V	50/60Hz	-20°C to 45°C	L70 20,000	6	120°	2	IP20

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W
APYLED/KIT/CW	Cool White	30W	4000K	1800lm	80lm
APYLED/KIT/WW	Warm White		3000K	1600lm	75lm

CODE (ACCESSORIES)	DESCRIPTION
AMLED/LC	Flexible Quick-fit Joint

# Viper RGB Flexible Strip Kit



209

- 5 metre RGB flexible strip kit with self-adhesive back suitable for semi-commercial and residential applications
- Flexible quick-fit joint included
- Easy fit plug and play connection
- Cutting point every 100mm
- Strip width 10mm
- 7.2W per metre



## Each Kit Includes:-

Power Supply, Receiver, IR Controller, Flexible Quick-Fit Joint and 5M RGB Strip

INPUT	HERTZ	TEMP	LIFETIME (HRS)	SDCM	BEAM ANGLE	CLASS	IP
230V	50/60Hz	-20°C to 45°C	L70 25,000	5	120°	2	IP20

CODE	DESCRIPTION	WATTAGE	CCT
AVLED/KIT	5 Metre LED Strip Kit - RGB	36W	RGB

CODE (ACCESSORIES)	DESCRIPTION
AMLED/LC	Flexible Quick-fit Joint



## LED DRIVERS

# WHAT DO I NEED TO KNOW?



## WHICH LED DRIVER DO I NEED FOR MY LED STRIP?

We have a comprehensive selection of drivers available for all applications and installations. These pages outline this selection and give information as to what driver is best suited for different requirements.

### I DON'T NEED TO DIM MY LED STRIP

If you don't need to dim your LED strip the below selection of drivers will suit your needs, simply select whether you need 24V or 48V, the wattage required and the IP rating required.

#### 24V INDOOR

CODE	WATTAGE
AD15/24V	15W
AD30/24V	30W
AD60/24V	60W
AD75/24V	75W
AD100/24V	100W
AD120/24V	120W
AD150/24V	150W
AD200/24V	200W
AD240/24V	240W
AD320/24V	320W

#### 24V OUTDOOR

CODE	WATTAGE
AD100/24V/IP67	100W
AD150/24V/IP67	150W
AD200/24V/IP67	200W
AD320/24V/IP67	320W

#### 48V INDOOR

CODE	WATTAGE
AD60/48V	60W
AD100/48V	100W
AD150/48V	150W
AD240/48V	240W
AD320/48V	320W

#### 48V OUTDOOR

CODE	WATTAGE
AD100/48V/IP67	100W
AD150/48V/IP67	150W
AD200/48V/IP67	200W
AD320/48V/IP67	320W
AD480/48V/IP67	480W
AD600/48V/IP67	600W

### I NEED TO DIM MY LED STRIP BETWEEN 0-100% DIMMING RANGE

If you have up to 100W of 24V LED strip for indoor use one of our triac dimmable drivers is perfect for your needs. Simply select from the options below. If you need a different wattage, 48V or higher IP rated drivers please reference the options on the following page.

#### 24V INDOOR

CODE	WATTAGE
ADDIM50/24V	50W
ADDIM75/24V	75W
ADDIM100/24V	100W



## I NEED TO MORE SPECIALISED DIMMING OPTIONS

If you have over 100W of LED strip you need to dim, or need 1-10V dimming, switch-dim or DALI dimmable, then our list of drivers below will suit any requirement.

### 24V INDOOR

CODE	WATTAGE
ADDIM60/24V/DD	60W
ADDIM100/24V/DD	100W
ADDIM150/24V/DD	150W
ADDIM200/24V/DD	200W
ADDIM240/24V/DD	240W

### 24V OUTDOOR

CODE	WATTAGE
ADDIM60/24V/IP67/DD	60W
ADDIM100/24V/IP67/DD	100W
ADDIM150/24V/IP67/DD	150W
ADDIM200/24V/IP67/DD	200W
ADDIM240/24V/IP67/DD	240W

### 48V OUTDOOR

CODE	WATTAGE
ADDIM90/48V/IP67/DD	90W
ADDIM200/48V/IP67/DD	200W
ADDIM240/48V/IP67/DD	240W

## I WANT TO CONTROL AND DIM FROM MY PHONE AND SMART APP

Enhance your LED-CELL LED strip with a controller and a non-dimmable driver. Explore two innovative ecosystems for seamless control. Choose the ecosystem that aligns with your needs, effortlessly elevating your control and lighting ambiance.

**OCTO Embedded Connected by WiZ** is the smart, user-friendly, and versatile ecosystem that transforms your LED-CELL strip lighting experience. Easily customise settings through the WiZ app and enjoy seamless integration with popular voice assistants and smart home platforms.

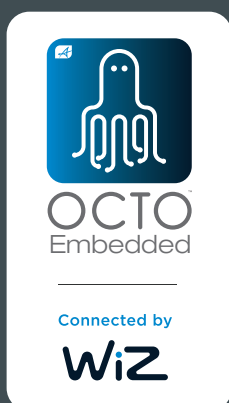
Elevate your lighting control with the advanced **OCTO Powered by Casambi** ecosystem. Offering advanced wireless control, enabling precise dimming, colour adjustments, and scene creation. Ideal for those seeking a sophisticated and customised lighting experience.

### CONNECTED BY WIZ

CODE	DESCRIPTION
AOCTOW/12-24V/DIM	12-24V Dimmable Controller
AOCTOW/12-24V/TW	12-24V Tunable White Controller
AOCTOW/12-24V/RGBTW	12-24V RGBTW Controller

### POWERED BY CASAMBI

CODE	DESCRIPTION
AOCTO/RGBW/BTC	Smart Single CCT/RGBW Controller



## NEED HELP WIRING YOUR DRIVER?

The following pages give a comprehensive process of wiring our **LED drivers**.

# LED Drivers

## Constant Voltage Non-Dimmable



- Constant voltage non-dimmable drivers for 24V and 48V LED applications
- IP20 and IP67 variants for internal and external use



CODE	VOLTAGE	WATTAGE	A	B	C	CLASS	IP
AD15/24V	24V	15W	82mm	36mm	24mm	2	IP20
AD30/24V		30W	147mm	48mm	24mm		
AD60/24V		60W	185mm	64mm	22mm		
AD75/24V		75W	170mm	57mm	32mm		
AD100/24V		100W	180mm	66mm	32mm		
AD120/24V		120W	205mm	71mm	35mm		
AD150/24V		150W	205mm	71mm	35mm		
AD200/24V		200W	205mm	71mm	35mm		
AD240/24V		240W	210mm	80mm	36mm		
AD320/24V		320W	210mm	80mm	36mm		
AD60/48V	48V	60W	185mm	64mm	22mm	2	IP20
AD100/48V		100W	180mm	66mm	32mm		
AD150/48V		150W	205mm	71mm	35mm		
AD240/48V		240W	210mm	80mm	36mm		
AD320/48V		320W	210mm	80mm	36mm		

A = Length

B = Height

C = Width

CODE	VOLTAGE	WATTAGE	A	B	C	CLASS	IP
AD100/24V/IP67	24V	100W	190mm	52mm	37mm	1	IP67
AD150/24V/IP67		150W	191mm	68mm	37mm		
AD200/24V/IP67		200W	191mm	68mm	37mm		
AD250/24V/IP67		250W	191mm	68mm	37mm		
AD320/24V/IP67		320W	250mm	71mm	41mm		
AD100/48V/IP67	48V	100W	190mm	52mm	37mm	1	IP67
AD150/48V/IP67		150W	191mm	68mm	37mm	1	
AD200/48V/IP67		200W	191mm	68mm	37mm	1	
AD320/48V/IP67		320W	252mm	90mm	44mm	2	
AD480/48V/IP67		480W	262mm	125mm	44mm	2	
AD600/48V/IP67		600W	280mm	144mm	48.5mm	2	

A = Length

B = Height

C = Width

## LED Triac Dimmable Drivers



213

- 24V dimmable drivers
- 0-100% dimming range
- Suitable for dimming 24V LED Flexible Strip



CODE	VOLTAGE	WATTAGE	A	B	C	CLASS	IP
ADDIM50/24V	24V	50W	180mm	66mm	32mm	2	IP20
ADDIM75/24V		75W	205mm	71mm	35mm		
ADDIM100/24V		100W	205mm	71mm	35mm		
			A = Length	B = Height	C = Width		

## 24V and 48V LED 1-10V, Switch Dim and DALI Dimmable Driver



- 24V and 48V dimmable driver with minimum value dimming adjustment feature
- 0-100% dimming range
- Suitable for dimming 24 and 48V LED Flexible Strip
- Loop-in, loop-out terminals for ease of installation
- IP20 and IP67 variants for internal and external use



CODE	VOLTAGE	WATTAGE	A	B	C	CLASS	IP
ADDIM60/24V/DD	24V	60W	361.5mm	30mm	21mm	2	IP20
ADDIM100/24V/DD		100W	361.5mm	30mm	21mm		
ADDIM150/24V/DD		150W	361.5mm	30mm	21mm		
ADDIM200/24V/DD		200W	430mm	32mm	23.5mm		
ADDIM240/24V/DD		240W	430mm	32mm	23.5mm		
ADDIM60/24V/IP67/DD	24V	60W	408mm	37mm	21.5mm	2	IP67
ADDIM100/24V/IP67/DD		100W	408mm	37mm	21.5mm		
ADDIM150/24V/IP67/DD		150W	408mm	37mm	21.5mm		
ADDIM200/24V/IP67/DD		200W	249mm	70mm	40mm		
ADDIM240/24V/IP67/DD		240W	249mm	70mm	40mm		
			A = Length	B = Height	C = Width		

CODE	VOLTAGE	WATTAGE	A	B	C	CLASS	IP
ADDIM90/48V/IP67/DD	48V	90W	171mm	63mm	37.5mm	2	IP67
ADDIM200/48V/IP67/DD		200W	249mm	70mm	40mm		
ADDIM240/48V/IP67/DD		240W	249mm	70mm	40mm		
			A = Length	B = Height	C = Width		

# LED Drivers

## Constant Current Non-Dimmable



- Constant current non-dimmable drivers for 350mA and 700mA LED applications
- Thermal, short circuit and overload protection



Constant Current 350mA



Constant Current 700mA

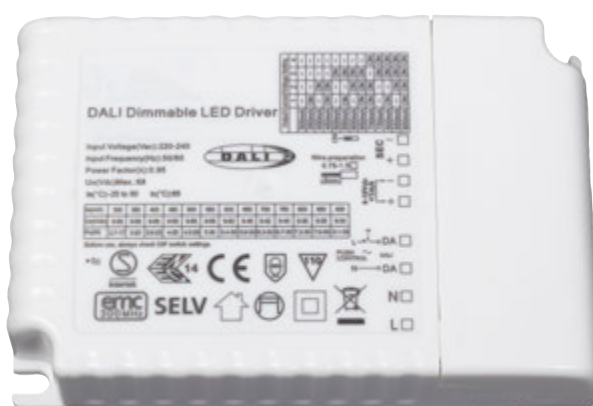
CODE	MA	WATTAGE	A	B	C	CLASS	IP
AD3W/350	350mA	1-3W	65mm	18mm	29mm	2	IP20
AD9W/350		1-9W	85mm	22mm	40mm		
ADK20W/350		6-20W	123mm	45mm	19mm		
AD3W/700	700mA	1-3W	56mm	20mm	39mm	2	IP20
ADK12W/700		3W-12W	123mm	45mm	19mm		
ADK20W/700		6W-20W	123mm	45mm	19mm		
			A = Length	B = Height	C = Width		



# Multi-current Dimmable Drivers



- Multi-current dimmable LED drivers
- Integral dip-switch allows selection of the output required
- Dimming options: 1-10V, Push Dim and DALI2
- Thermal, short circuit and overload protection



CODE	300MA	350MA	400MA	450MA	500MA	550MA
ADDIM/30/MC	7-40W	8-46W	9-50W	10-50W	11-50W	10-38W
600MA	650MA	700MA	750MA	800MA	850MA	900MA
6-30W	6-30W	7-30W	7-30W	8-30W	8-30W	9-30W

CODE	700MA	800MA	900MA	1050MA	1200MA	1300MA	1400MA
ADDIM/50/MC	7-40W	8-46W	9-50W	10-50W	11-50W	10-38W	13-50W

CODE	900MA	1050MA	1200MA	1400MA	1750MA
ADDIM/60/MC	8-52W	10-60W	11-60W	13-60W	15-60W



Terminals and dip-switch selection

CODE	WATTAGE	A	B	C	D	CLASS	IP RATING
ADDIM/30/MC	30W	103mm	22mm	67mm	94mm	2	IP20
ADDIM/50/MC	50W	123mm	24mm	79mm	111mm		
ADDIM/60/MC	60W	202mm	30mm	58mm	111mm		
		A = Length	B = Height	C = Width	D = Fixing Centres		





1

2

3

## WIRING MY LED STRIP

# WHAT DO I NEED TO KNOW?



6



### LED DRIVERS

We have a diverse selection of drivers available depending on your application, including dimmable and non-dimmable, IP20 and IP67 and from 15W up to 600W.

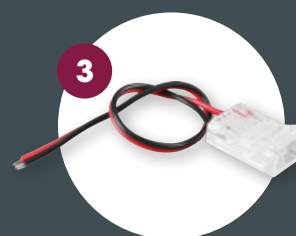
**For full details see p210 - p215**



### CONTROLLERS

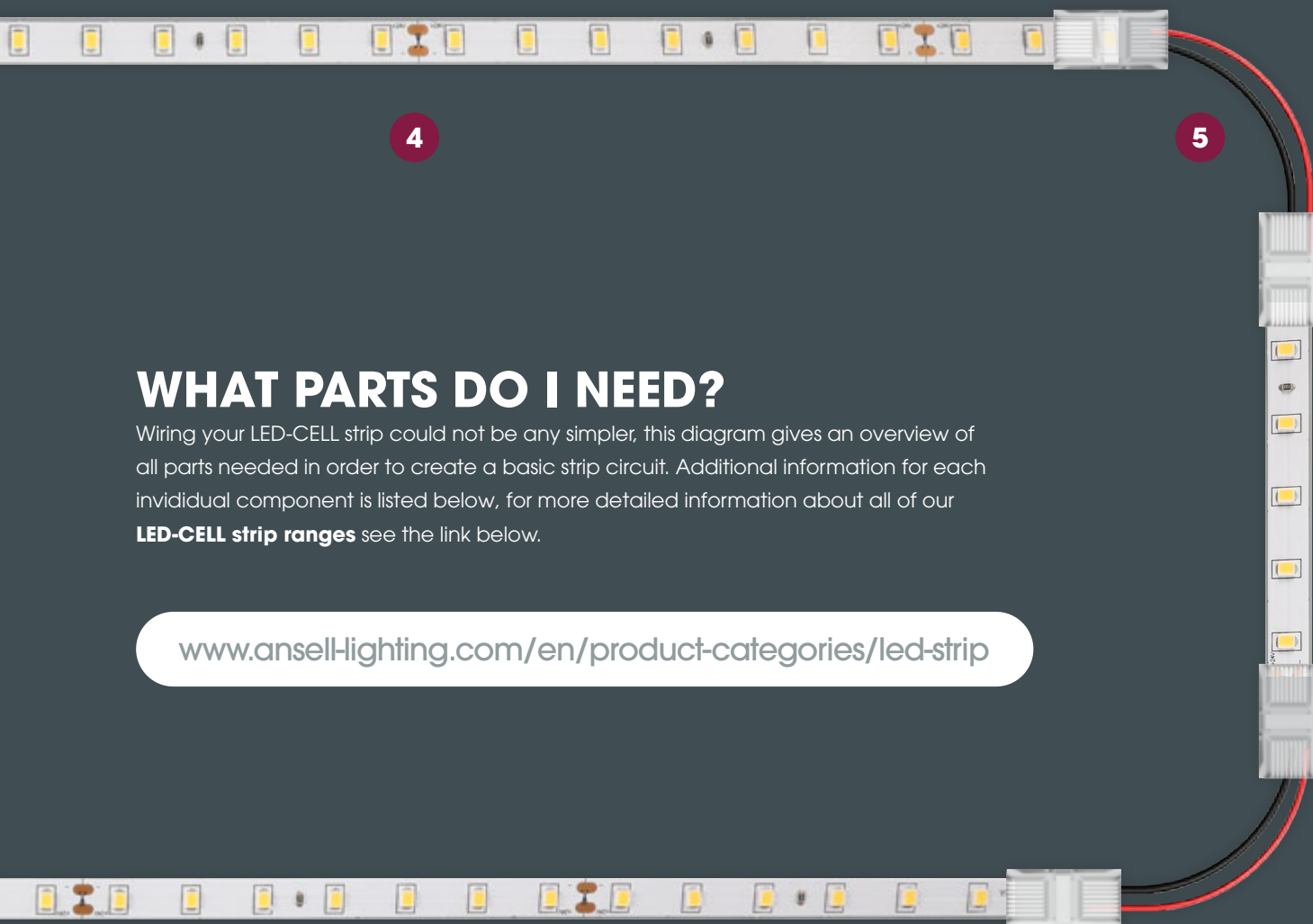
With a wide range of both Smart enabled and standard controllers we're sure to have whatever is required for your installation.

**For full details see p220 - p223.**



### PRE-WIRED CONNECTOR

Our pre-wired connectors ensure a quick and easy connection. Available in 8mm, 10mm and 12mm for all different colour strip models.



## WHAT PARTS DO I NEED?

Wiring your LED-CELL strip could not be any simpler, this diagram gives an overview of all parts needed in order to create a basic strip circuit. Additional information for each individual component is listed below, for more detailed information about all of our **LED-CELL strip ranges** see the link below.

[www.ansell-lighting.com/en/product-categories/led-strip](http://www.ansell-lighting.com/en/product-categories/led-strip)



### LED STRIP

With 8 different LED strip ranges available, we're sure to have you covered, whatever your specific needs may be.



### FLEXIBLE CONNECTOR

Our flexible connectors ensure a quick and easy connection. Available in 8mm, 10mm and 12mm for all different colour strip models.



### STRAIGHT CONNECTOR

Our straight connectors ensure a quick and easy connection. Available in 8mm, 10mm and 12mm for all different colour strip models.



## Connector without Cable

- Available in 5mm, 8mm, 10mm and 12mm
- Available for Single Colour, Tunable White, RGB, RGBW and RGBTW



CODE	DESCRIPTION
A/CNC/20/02/08/01	COB White Connector w/o cable IP20 8mm
A/CNC/20/04/10/01	COB RGB Connector w/o cable IP20 10mm
A/CNC/20/03/10/01	COB TW Connector w/o cable IP20 10mm
A/NC/20/02/05/01	White Connector w/o cable IP20 5mm
A/NC/20/02/08/01	White Connector w/o cable IP20 8mm
A/NC/20/02/10/01	White Connector w/o cable IP20 10mm
A/NC/20/02/12/01	White Connector w/o cable IP20 12mm
A/NC/20/03/10/01	TW Connector w/o cable IP20 10mm
A/NC/20/04/10/01	RGB Connector w/o cable IP20 10mm
A/NC/20/05/12/01	RGBW Connector w/o cable IP20 12mm
A/NC/20/06/12/01	RGBTW Connector w/o cable IP20 12mm

## Pre-Wired Connector

- Available in 8mm, 10mm and 12mm
- Available for Single Colour, Tunable White, RGB, RGBW and RGBTW



CODE	DESCRIPTION
A/CCS/20/02/08/01	COB White Pre-Wired Connector IP20 8mm
A/CCS/20/04/10/01	COB RGB Pre-Wired Connector IP20 10mm
A/CCS/20/03/10/01	COB Pre-Wired Connector IP20 10mm
A/CS/20/02/05/01	White Pre-Wired Connector IP20 5mm
A/CS/20/02/08/01	White Pre-Wired Connector IP20 8mm
A/CS/20/02/10/01	White Pre-Wired Connector IP20 10mm
A/CS/20/02/12/01	White Pre-Wired Connector IP20 12mm
A/CS/20/04/10/01	TW Pre-Wired Connector IP20 10mm
A/CS/20/04/10/01	RGB Pre-Wired Connector IP20 10mm
A/CS/20/05/12/01	RGBW Pre-Wired Connector IP20 12mm
A/CS/20/06/12/01	RGBTW Pre-Wired Connector IP20 12mm

## Flexible Connector

- Available in 5mm, 8mm, 10mm and 12mm
- Available for Single Colour, Tunable White, RGB, RGBW and RGBTW



CODE	DESCRIPTION
A/CFC/20/02/08/01	COB White Flexible Connector IP20 8mm
A/CFC/20/04/10/01	COB RGB Flexible Connector IP20 10mm
A/CFC/20/03/10/01	COB TW Flexible Connector IP20 10mm
A/SC/20/02/05/01	White Flexible Connector IP20 5mm
A/SC/20/02/08/01	White Flexible Connector IP20 8mm
A/SC/20/02/10/01	White Flexible Connector IP20 10mm
A/FC/20/02/12/01	White Flexible Connector IP20 12mm
A/FC/20/03/10/01	TW Flexible Connector IP20 10mm
A/FC/20/04/10/01	RGB Flexible Connector IP20 10mm
A/FC/20/05/12/01	RGBW Flexible Connector IP20 12mm
A/FC/20/06/12/01	RGBTW Flexible Connector IP20 12mm

## Straight Connector

- Available in 5mm, 8mm, 10mm and 12mm
- Available for Single Colour, Tunable White, RGB, RGBW and RGBTW



CODE	DESCRIPTION
A/CSC/20/02/08/01	COB White Straight Connector IP20 8mm
A/CSC/20/04/10/01	COB RGB Straight Connector IP20 10mm
A/CSC/20/03/10/01	COB TW Straight Connector IP20 10mm
A/SC/20/02/05/01	White Straight Connector IP20 5mm
A/SC/20/02/08/01	White Straight Connector IP20 8mm
A/SC/20/02/10/01	White Straight Connector IP20 10mm
A/SC/20/02/12/01	White Straight Connector IP20 12mm
A/SC/20/03/10/01	TW Straight Connector IP20 10mm
A/SC/20/04/10/01	RGB Straight Connector IP20 10mm
A/SC/20/05/12/01	RGBW Straight Connector IP20 12mm
A/SC/20/06/12/01	RGBTW Straight Connector IP20 12mm



## End Cap

- Available in IP65 and IP67
- Available in 8mm, 10mm and 12mm



CODE	DESCRIPTION
A/EC/65/08/01	End Cap IP65 8mm
A/EC/65/10/01	End Cap IP65 10mm
A/EC/65/12/01	End Cap IP65 12mm
A/EC/67/08/01	End Cap IP67 8mm
A/EC/67/10/01	End Cap IP67 10mm
A/EC/67/12/01	End Cap IP67 12mm

## End Cap with Hole

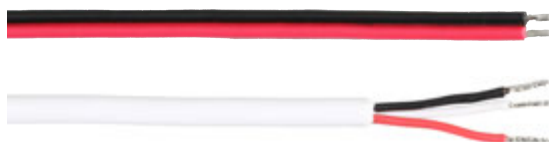
- Available in IP65 and IP67
- Available in 8mm, 10mm and 12mm



CODE	DESCRIPTION
A/EH/65/08/01	End Cap with Hole IP65 8mm
A/EH/65/10/01	End Cap with Hole IP65 10mm
A/EH/65/12/01	End Cap with Hole IP65 12mm
A/EH/67/08/01	End Cap with Hole IP67 8mm
A/EH/67/10/01	End Cap with Hole IP67 10mm
A/EH/67/12/01	End Cap with Hole IP67 12mm

## Cable

- Available from 2 core, up to 6 core
- Available in IP20 and IP67



CODE	DESCRIPTION
A/DC/20/02/01	DC Cable 2m IP20 2 Core
A/DC/20/03/01	DC Cable 2m IP20 3 Core
A/DC/20/04/01	DC Cable 2m IP20 4 Core
A/DC/20/05/01	DC Cable 2m IP20 5 Core
A/DC/20/06/01	DC Cable 2m IP20 6 Core
A/DC/67/02/01	DC Cable 2m IP67 2 Core
A/DC/67/03/01	DC Cable 2m IP67 3 Core
A/DC/67/04/01	DC Cable 2m IP67 4 Core
A/DC/67/05/01	DC Cable 2m IP67 5 Core
A/DC/67/06/01	DC Cable 2m IP67 6 Core

## Silicone



CODE	DESCRIPTION
A/SI/67/8/01	Silicone IP67

# REMOTES AND RECEIVERS

## WHAT DO I NEED TO KNOW?



## WHICH CONTROLLER OR RECEIVER DO I NEED FOR MY LED STRIP?

We have a comprehensive selection of controllers and receivers available for all applications and installations. This page outlines the selection and gives information as to what is best suited for different requirements.

### I ONLY NEED TO CONTROL ONE ZONE

If you only have a single zone of LED strip to control choosing a remote and receiver kit is the recommended option. Our offering includes kits for single colour, tunable white and RGB, all of which are listed below.

WHITE	
CODE	DESCRIPTION
A/KT/01/01/01	Single Colour 1 Zone

TUNABLE WHITE	
CODE	DESCRIPTION
A/KT/02/01/01	Tunable White 1 Zone

RGB	
CODE	DESCRIPTION
A/KT/03/01/01	RGB 1 Zone

### I NEED TO CONTROL UP TO 4 ZONES

If you have 4 zones of LED strip to control choosing a separate remote and receiver is the recommended option. Our offering includes remotes and receivers for single colour, tunable white, RGB and RGBW. Please note slimline remotes for RGBW and RGBTW are only available for one zone control.

### REMOTES

WHITE	
CODE	DESCRIPTION
A/RC/01/04/01	Single Colour 4 Zones

TUNABLE WHITE	
CODE	DESCRIPTION
A/RC/02/04/01	Tunable White 4 Zones

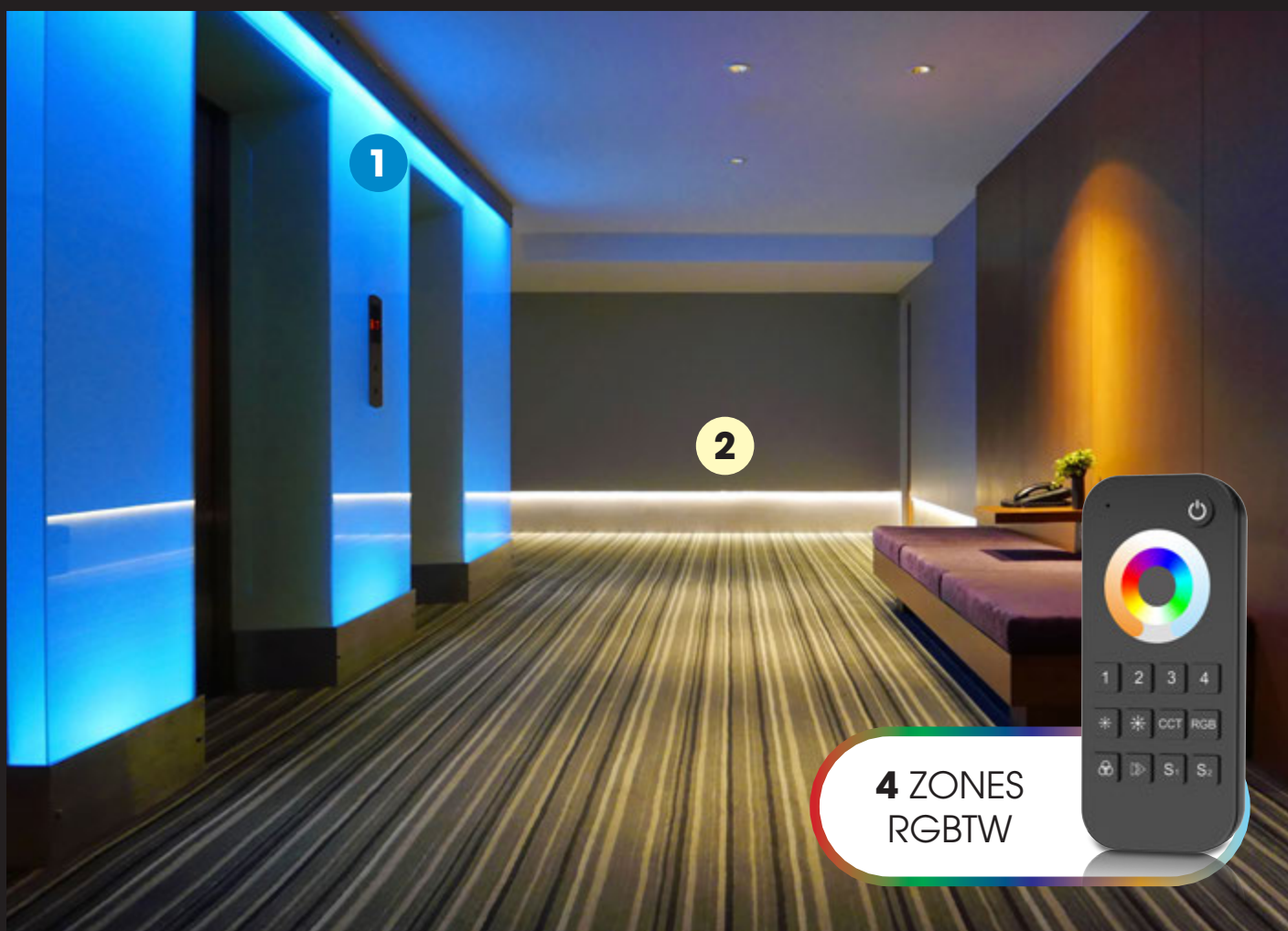
RGBTW	
CODE	DESCRIPTION
A/RC/05/04/01	RGBTW 4 Zones
A/SR/05/01/01	Slim RGBTW 1 Zone

RGB OR RGBW	
CODE	DESCRIPTION
A/RC/04/04/01	RGB RGBW 4 Zones
A/SR/04/01/01	Slim RGBW 1 Zone

### RECEIVERS

MULTI *	
CODE	DESCRIPTION
A/RC/01/04/01	Receiver White, Tunable White, RGB and RGBW

RGBTW	
CODE	DESCRIPTION
A/CO/05/01	Receiver RGBTW



## LED-CELL Accessories



### Remotes and Receivers

- Available for Single Colour, Tunable White, RGB, RGBW and RGBTW



CODE	DESCRIPTION
A/RC/01/04/01	Remote Single Colour 4 Zones
A/RC/02/04/01	Remote TW 4 Zones
A/RC/04/04/01	Remote RGB RGBW 4 Zones
A/RC/05/04/01	Remote RGBTW 4 Zones
A/SR/04/01/01	Slim Remote RGBW 1 Zone
A/SR/05/01/01	Slim Remote RGBTW 1 Zone
A/CO/06/01	Receiver White, Tunable White, RGB and RGBW
A/CO/05/01	Receiver RGBTW

\*Please note a remote and receiver are required for operation

### Remotes and Receiver Kits

- Available for Single Colour, Tunable White and RGB



CODE	DESCRIPTION
A/KT/01/01/01	Remote and Receiver Single Colour 1 Zone
A/KT/02/01/01	Remote and Receiver Kit TW 1 Zone
A/KT/03/01/01	Remote and Receiver Kit RGB 1 Zone

### OCTO Indoor Controller Connected by WiZ



CODE	DESCRIPTION
AOCTOW/12-24V/DIM	12-24V Dimmable Controller
AOCTOW/12-24V/TW	12-24V Tunable White Controller
AOCTOW/12-24V/RGBTW	12-24V RGBTW Controller

### OCTO Indoor CCT/RGBW Controller Powered by Casambi



CODE	DESCRIPTION
AOCTO/RGBW/BTC	Smart Single CCT/RGBW Controller





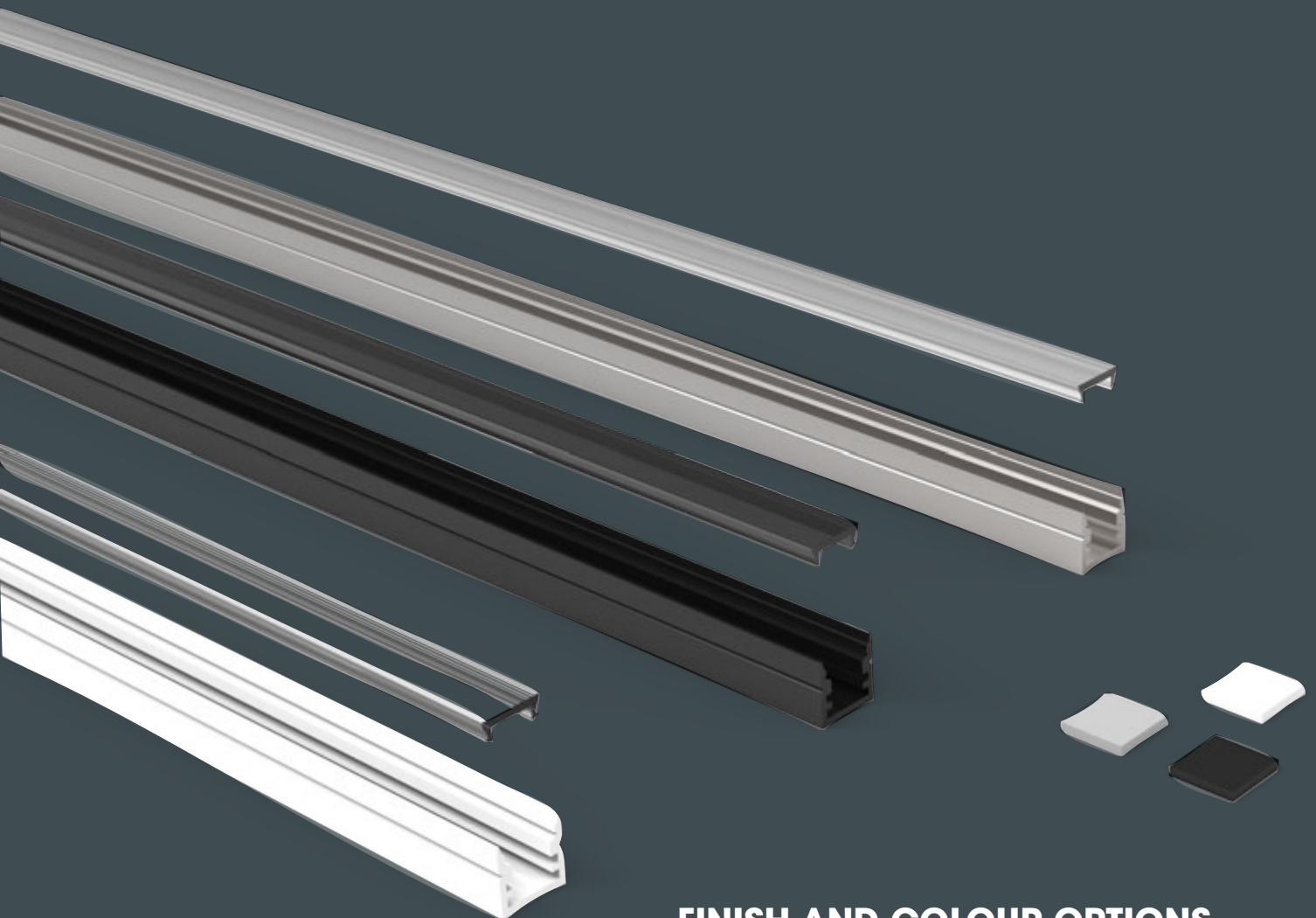
# ALUMINIUM PROFILES

## A COMPLETE GUIDE

To match the vast range of **LED-CELL** strip products, we have an equally impressive range of profile options available to cater for any specification.

### A PROFILE FOR EVERY SITUATION

The different profile options, including plaster in, suspended, cove, step edge, recessed, and surface, allow for versatile installation options and customised lighting designs. The opal diffuser is supplied with profiles as standard.



### FINISH AND COLOUR OPTIONS

All\* of our profiles and end caps come in 3 colour options, white, black and silver. The diffusers come in 3 finishes, clear, opal and translucent black.

\* Cove profile only available in silver finish with opal or clear diffuser.

# PROFILE CODING SYSTEM EXPLAINED

All of complete profile kit solutions come as standard with a 2 metre aluminium profile, end-caps, diffuser and mounting clips. To ensure you are ordering the correct kit, we have set out a guide to show you how our coding system works. The code diagram below outlines the steps needed to create the example code **A/AP/SM/01/20/SI/01**.

All of the individual parts which normally come as a part of a kit can also be ordered separately. So, if you need any spare parts, or want to **get creative with different colours and finishes**, we've got you covered. Contact our **Sales Team** for more information.

## 1 CODE PART 1: MOUNTING TYPE

Part 1 of the coding system is the mounting type. We offer several mounting types, these are; **SM** = Surface Mounting, **RE** = Recessed, **CO** = Cove, **PI** = Plaster in, **SU** = Suspended and **ST** = Step-edge. The example shown indicates a surface mounted profile has been selected.

A / AP / **1** SM / 01 / 20 / SI / 01

## 2 CODE PART 2: SIZE

Part 2 of the coding system is the size of the profile. Some have several size options available, whereas some only have 1. All available codes and sizing is shown on the following pages.

A / AP / SM / **2** 01 / 20 / SI / 01

## 3 CODE PART 3: IP RATING

Part 3 of the coding system is the IP rating of the profile. Some have both IP20 and IP65 options available, The code for IP rating is the same as the number rating itself, for example the code for IP20 profile would be '20'. The example shown indicates a IP20 profile has been selected.

A / AP / SM / 01 / **3** 20 / SI / 01

## 4 CODE PART 4: FINISHES

Part 4 of the coding system is the finishes of the profile. All are available in white, black and silver, aside from cove which is only available in silver. The code is the first 2 letters of the finish itself, the code for silver profile would be 'SI'. The example shown indicates a silver profile has been selected.

A / AP / SM / 01 / 20 / **4** SI / 01

## WANT MORE CUSTOMISATION?

### MORE INFORMATION

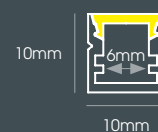
The following pages give a comprehensive overview of all of our **Profile Solutions**.

# SURFACE

Available in 6 size options including one **IP65 rated** option, our wide range of surface profiles will be suitable for many applications both internally and externally. These range from undercabinet installations in kitchens, inside wardrobes and many other residential and commercial applications.

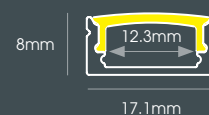
## 10mm x 10mm

			MOUNTING			SIZE		IP		FINISH		REVISION	
A	/	AP	/	SM	/	01	/	20	/	SI	/	01	



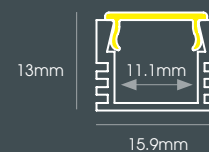
## 8mm x 17mm

			MOUNTING			SIZE		IP		FINISH		REVISION	
A	/	AP	/	SM	/	O2	/	20	/	SI	/	O1	



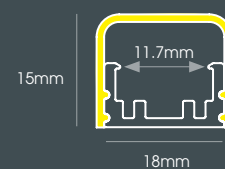
## 13mm x 16mm

			MOUNTING			SIZE		IP		FINISH		REVISION	
A	/	AP	/	SM	/	03	/	20	/	SI	/	01	



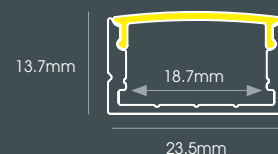
## 15mm x 18mm

			MOUNTING			SIZE		IP		FINISH		REVISION	
A	/	AP	/	SM	/	05	/	65	/	SI	/	01	



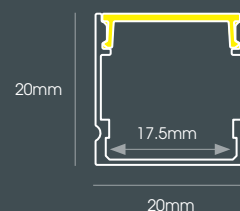
## 14mm x 23.5mm

			MOUNTING			SIZE		IP		FINISH		REVISION	
A	/	AP	/	SM	/	06	/	20	/	SI	/	01	



## 20mm x 20mm

			MOUNTING			SIZE		IP		FINISH		REVISION	
A	/	AP	/	SM	/	06	/	20	/	SI	/	01	



\* For white variant add 'WH' in place of 'SI' or black add 'BL' in place of 'SI' into the above product codes e.g. A/AP/SM/O1/20/WH/O1

\* Applicable for all profiles listed on this page

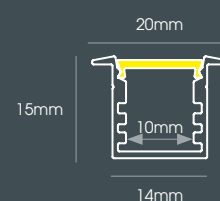


# RECESSED

Available in 5 size options including one **IP65 rated** option, our wide range of recessed profiles will be suitable for many applications both internally and externally. Primarily used as ceiling, wall and floor lighting the recessed profile makes LED-CELL strip extremely versatile. It can also be used for display lighting, accent lighting and also even step lighting, offering great versatility for most applications.

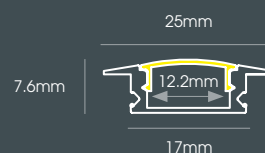
## 15mm x 20mm

MOUNTING			SIZE	IP	FINISH	REVISION						
A	/	AP	/	RE	/	01	/	20	/	SI	/	01



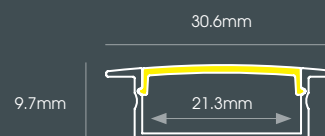
## 8mm x 25mm

MOUNTING			SIZE		IP		FINISH		REVISION			
A	/	AP	/	RE	/	02	/	20	/	SI	/	01



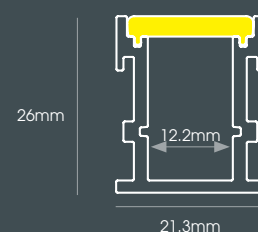
## 9mm x 30mm

MOUNTING			SIZE	IP	FINISH	REVISION						
A	/	AP	/	RE	/	03	/	20	/	SI	/	01



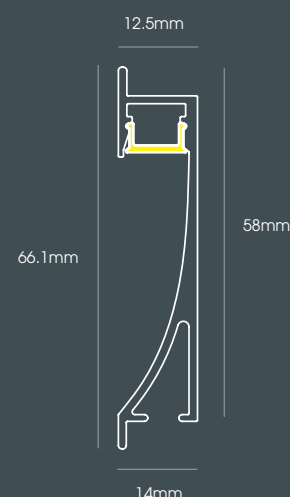
## 26mm x 21mm

MOUNTING			SIZE	IP	FINISH	REVISION						
A	/	AP	/	RE	/	04	/	65	/	SI	/	01



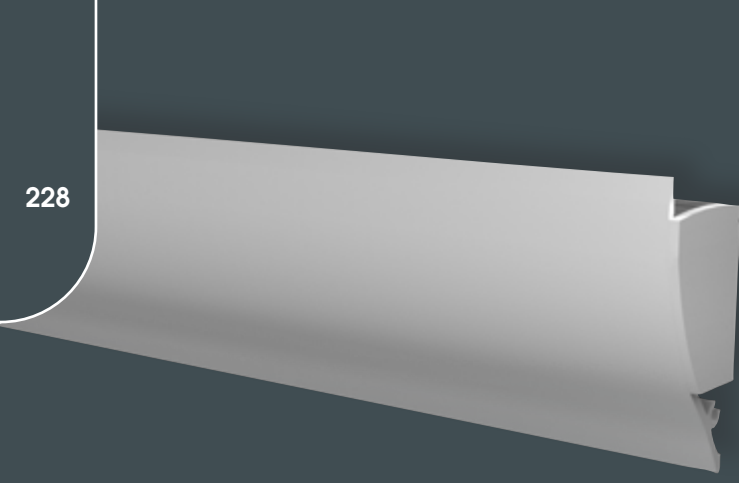
## 66mm x 12.5mm Wall Recessed

MOUNTING			SIZE	IP	FINISH	REVISION						
A	/	AP	/	WR	/	01	/	20	/	SI	/	01



\* For white variant add 'WH' in place of 'SI' or black add 'BL' in place of 'SI' into the above product codes e.g. **A/AP/RE/01/20/WH/01**

\* Applicable for all profiles listed on this page except Wall Recessed profile, this is only available in Silver.



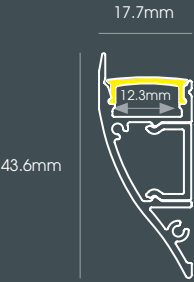
# COVE

The coving profile provides a hidden and diffused uplighting effect, minimizing glare and creating a soft ambiance, while also adding an elegant and decorative element to the room with sleek and stylish design.

## 43mm x 17.7mm

			MOUNTING			SIZE			IP			FINISH			REVISION		
A	/	AP	/	CO	/	02	/	20	/	SI	/	01					

\* No white or black options available for this profile

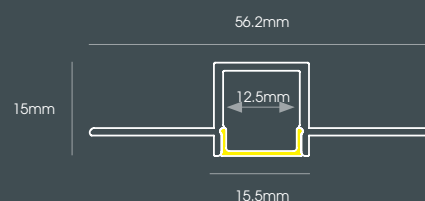


# PLASTER-IN

Available in 5 sizes and applications, our new plaster-in recessed profiles will help create a sleek and stylish finish.

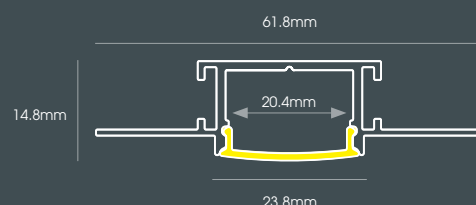
## 15mm x 15.5mm

MOUNTING				SIZE		IP		FINISH		REVISION		
A	/	AP	/	PI	/	O1	/	20	/	SI	/	O1



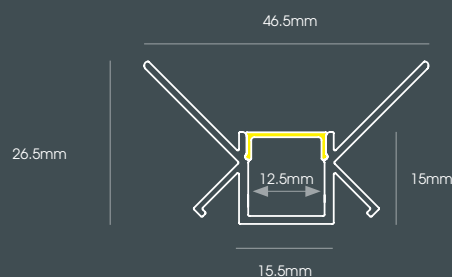
## 29mm x 14mm

MOUNTING				SIZE		IP		FINISH		REVISION		
A	/	AP	/	PI	/	O3	/	20	/	SI	/	O1



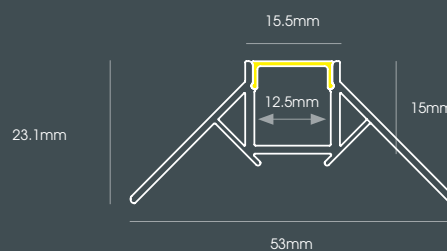
## 26.5mm x 46mm

MOUNTING				SIZE		IP		FINISH		REVISION		
A	/	AP	/	PI	/	10	/	20	/	SI	/	O1



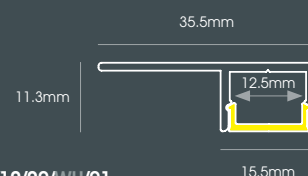
## 23mm x 53mm

MOUNTING				SIZE		IP		FINISH		REVISION		
A	/	AP	/	PI	/	11	/	20	/	SI	/	O1



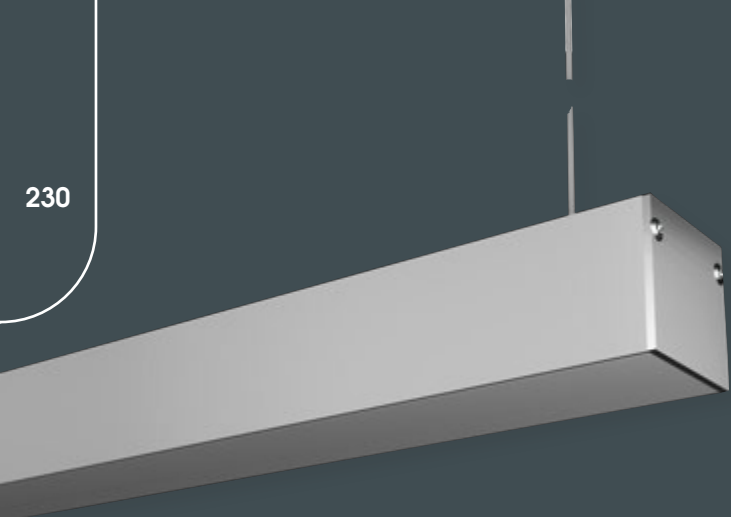
## 11mm x 35.5mm

MOUNTING				SIZE		IP		FINISH		REVISION		
A	/	AP	/	PI	/	12	/	20	/	SI	/	O1



\* For white variant add 'WH' in place of 'SI' or black add 'BL' in place of 'SI' into the above product codes e.g. **A/AP/PI/12/20/WH/O1**

\* Applicable for all profiles listed on this page

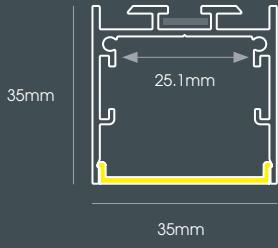


# SUSPENDED

The suspended profile allows for flexible and adjustable lighting placement, as it can be suspended at various heights and positions, creating a visually striking effect, as the suspended profile adds a sense of depth and dimension to the space while providing a diffused and uniform light distribution, creating a modern and stylish look decorative element to the room with sleek and stylish design.

## 35mm x 35mm

		MOUNTING			SIZE		IP		FINISH		REVISION	
A	/	AP	/	SU	/	01	/	20	/	SI	/	01



\* For white variant add 'WH' in place of 'SI' or black add 'BL' in place of 'SI' into the above product codes e.g. **A/AP/SU/01/20/WH/01**

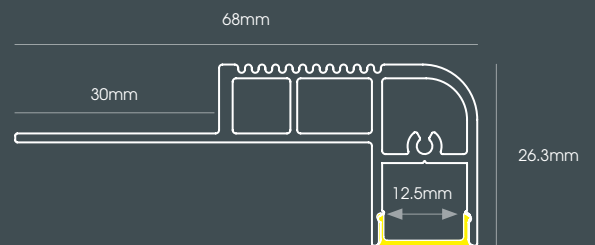


# STEP-EDGE

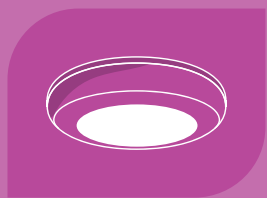
The step-edge profile enhances safety by providing illuminated steps for better visibility, and it adds a visually appealing accent to the staircase, creating a modern and decorative element to the room with sleek and stylish design.

**26.3mm x 68mm**

			MOUNTING			SIZE		IP		FINISH		REVISION	
A	/	AP	/	ST	/	01	/	65	/	SI	/	01	



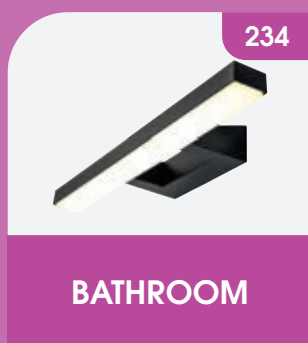
\* For white variant add 'WH' in place of 'SI' or black add 'BL' in place of 'SI' into the above product codes e.g. **A/AP/ST/01/65/WH/01**



# UNDERCABINET AND BATHROOM

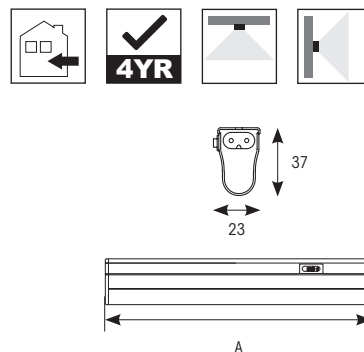
Ideal for illuminating worktops and wash areas, our under cabinet and bathroom lights deliver high quality directional output.

Easy to fit, they are the perfect solution for residential and hospitality projects, providing light to smaller areas as required. Cool white, warm white and CCT selectable models are available across the range, delivering different colour temperatures according to individual project specifications.

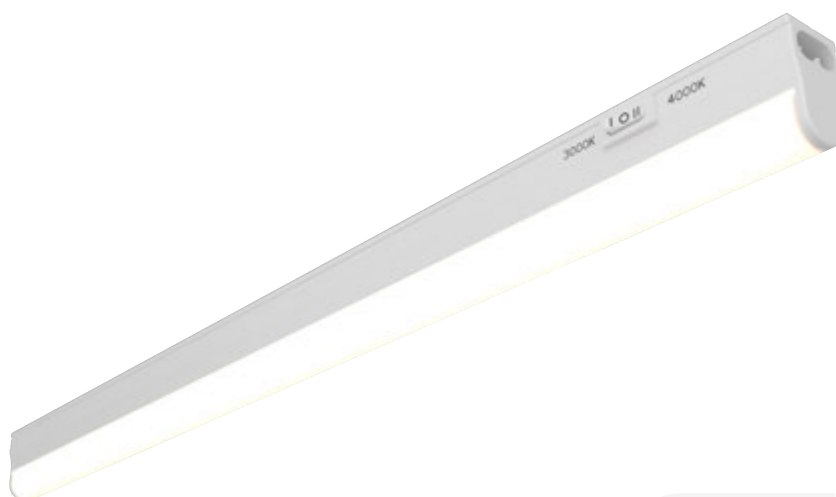


# Matrix

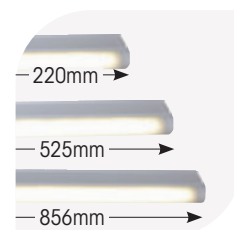
- CCT Selectable LED linklight with integral driver suitable for residential and retail applications
- Side mounted switch allows installer the choice of 3000K or 4000K colour temperature options
- Moulded spine fitted with integral switch and fixed diffuser
- Supplied with angled and straight fixing clips
- Supplied with 230V 1.5m mains power lead and linking plug adaptor
- End-to-end linking provides aesthetically pleasing seamless light output
- Linkable up to a maximum of twelve fittings
- Non-dimmable



233



End-to-end linking  
for seamless output  
(AMALL\*\*\*/1 required)



Additional lengths

INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP
220/240V	50/60Hz	-10°C to 40°C	L80 60,000	80	6	100/160°	2	IP20

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W	A	UGR
AMALL1/1	CCT Selectable	3W	3000K/4000K	300lm (4000K)	100lm/W (4000K)	220mm	21
AMALL2/1		5W		500lm (4000K)		300mm	22
AMALL3/1		8W		800lm (4000K)		500mm	22
AMALL4/1		14W		1400lm (4000K)		856mm	23

CODE (ACCESSORIES)	DESCRIPTION
AMALL250/1	250mm Link Lead
AMALL500/1	500mm Link Lead

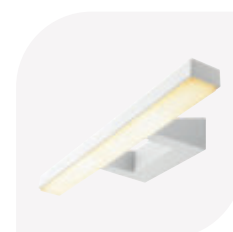
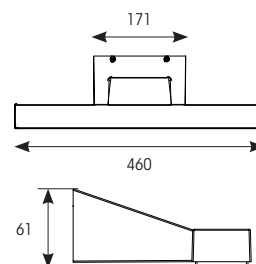
CODE (ACCESSORIES)	DESCRIPTION
AMALL1000/1	1000mm Link Lead



# Kaiser



- Architectural and modern bathroom light suitable for residential and hospitality applications
- Downward directional light output provides optimum illumination around sink and mirror area
- Die-cast aluminium finish in black or white in either 3000K or 4000K colour temperature options
- Non-dimmable



White

INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP
220/240V	50/60Hz	0°C to 25°C	L70 50,000	90	3	110/115°	2	IP44

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W	UGR
<b>AKAILED/W/CW</b>	Cool White - White	15W	4000K	1000lm	63lm	30
<b>AKAILED/B/CW</b>	Cool White - Black					
<b>AKAILED/W/WW</b>	Warm White - White	15W	3000K	940lm	59lm	28
<b>AKAILED/B/WW</b>	Warm White - Black					

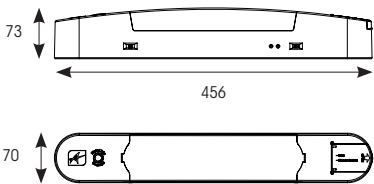




# Profile Dual Voltage Razor Light



- Ultra-slim unobtrusive modern dual voltage LED bathroom light suitable for residential and hospitality applications
- Directional light output provides optimum facial illumination
- All switches SELV rated for ultimate safety
- Night light function with four minute timed override switch for full power output
- Only 1.8W power consumption in night light mode
- Optional wiring facility for remote bedside operation of night light function
- USB 2A charge port
- 110/230V selectable shaver output and isolating transformer



Access to shaver connection and USB charge port via hinged protective cover. Simple SELV switch provides the ability to select required voltage.



Easy to operate SELV switch function provides the ability to select 100% brightness, night light mode and on/off settings.



Illuminated soft touch SELV switch for night light, with four minute timed override providing full brightness when required.

INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	BEAM ANGLE	CLASS	IP
220/240V	50/60Hz	0°C to 40°C	L70 50,000	70	60/80°	1	IP20

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W	UGR
APLEDDVRL	Cool White	8W	4000K	440lm	55lm/W	22

# Dual Voltage Shaver Socket



237

- Modern profile shaver socket with isolating transformer
- 115V and 230V outputs
- Supplied with screws and plastic covers



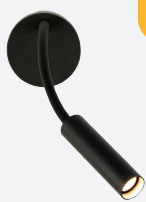
CODE	DESCRIPTION	CLASS	IP
ADVSS	Dual Voltage Shaver Socket	1	IP20





# WALL LIGHTS

We have an extensive range of wall lights spanning a myriad of shapes, sizes and aesthetic designs. From the ultra-modern, triangular shaped Arco to the traditional Latina fittings, our collection of indoor and outdoor luminaires caters for every application.



239

INDOOR



242

OUTDOOR



247

BI-DIRECTIONAL  
LED

266

BI-DIRECTIONAL  
GU10

272

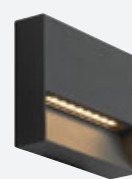
DIRECTIONAL  
LED

276

DIRECTIONAL  
GU10

278

PROJECTORS



280

LOW LEVEL



286

LANTERNS

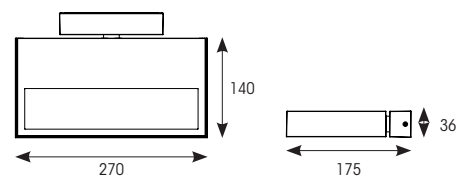


# Elite



239

- Dual purpose design allows installation in either an uplight or downlight orientation suitable for education, commercial and hospitality applications
- Adjustable installation bracket
- CCT selectable between 3000K and 4000K
- Triac dimmable as standard



Powered by  
**CASAMBI**



Adjustable tiltable  
installation bracket

INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP
220/240V	50/60Hz	-20°C to 25°C	L70 50,000	90	6	50/80°	1	IP20

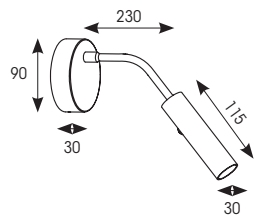
CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W	UGR
<b>AELI/1</b>	CCT Selectable	25W	3000K/4000K	2400lm (4000K)	95lm/W (4000K)	25



# Swan



- Adjustable LED reading light suitable for residential and hospitality applications
- Die-cast aluminium body with integral driver
- Easy dimming with convenient switch on the side of head
- Plug and play connector ensures quick and easy installation
- Available in black and white finish options



White

INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP
220/240V	50/60Hz	-10°C to 35°C	L70 55,000	90	6	40°	1	IP20

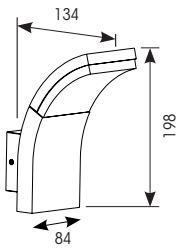
CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W
ASWA/B	Black	5W	3000K	400lm	80lm/W
ASWA/W	White				



# Senza



- Contemporary die-cast aluminium LED wall light suitable for residential and hospitality applications
- Standard and PIR options
- Graphite textured powder coat paint finish
- Non-dimmable



Matching  
Senza LED Bollard  
see p341



6 to 9 metres  
5 seconds to 8 minutes  
10 to 2000 LUX



PIR version

INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP	IK
220/240V	50/60Hz	-20°C to 45°C	L70 36,000	80	6	80/140°	1	IP54	IK07

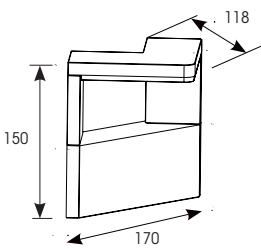
CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W
ASELED/WL/WW	Warm White	6W	3000K	410lm	68lm/W
ASELED/WL/PIR/WW	PIR - Warm White				



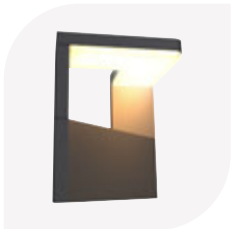
# Arco



- Ulmodern LED wall light suitable for residential and hospitality applications
- Graphite textured powder coat paint finish
- Available in 3000K and 4000K options
- Non-dimmable



Matching  
Arco LED Bollard  
see p342



Alternate angle



Light distribution

INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP	IK
220/240V	50/60Hz	-20°C to 45°C	L70 36,000	80	6	60/90°	1	IP54	IK07

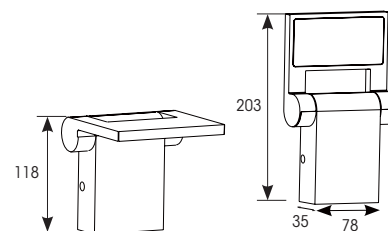
CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W
AARLED/WL	Cool White	11W	4000K	640lm	58lm/W
AARLED/WL/WW	Warm White	11W	3000K	470lm	46lm/W



# Tempo



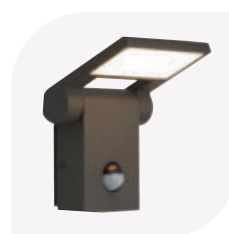
- Contemporary die-cast aluminium LED wall light suitable for residential and hospitality applications
- Adjustable head to 90° for variable direction of light
- Standard and PIR options
- Graphite textured powder coat paint finish
- Available in 3000K and 4000K options
- Non-dimmable



## PIR



6 to 10 metres  
8 seconds to 8 minutes  
5 to 200 LUX



PIR version (3000K only)



90° adjustable head

INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP	IK
220/240V	50/60Hz	-20°C to 45°C	L70 36,000	80	6	110°	1	IP54	IK07

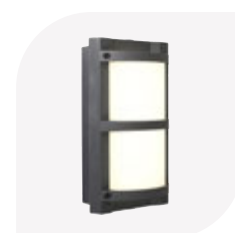
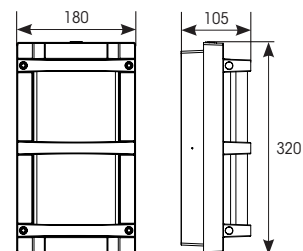
CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W
ATLED/WL	Cool White	10W	4000K	740lm	73lm/W
ATLED/WL/WW	Warm White		3000K	680lm	64lm/W
ATLED/WL/PIR/WW	PIR - Warm White				

# Tridon



245

- IP66 rated die-cast aluminium wall light with opal polycarbonate diffuser suitable for commercial, hospitality and industrial applications
- Internal CCT selector switch allows the installer to choose the CCT between 3000K and 4000K at the point of installation
- Rear fixing points allowing the option for BESA box mounting
- Horizontal side pilot holes accepting 20mm surface conduit entries
- Tamper-proof stainless steel allen key screws
- Microwave sensor and Photocell options available
- Non-dimmable
- Powered by Tridonic



Graphite

INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP	IK
220/240V	50/60Hz	-20°C to 40°C	L70 60,000	80	5	120°	1	IP66	IK09

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W
<b>ATRILED/B</b>	CCT Selectable - Black	8W	3000/4000K	700lm(4000K)	88lm/W(4000K)
<b>ATRILED/G</b>	CCT Selectable - Graphite				

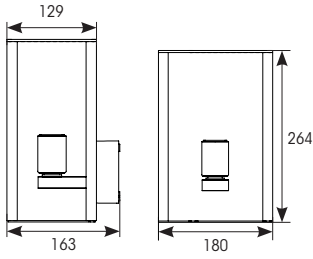
CODE (OPTIONS)	DESCRIPTION	CODE (OPTIONS)	DESCRIPTION
<b>/PC</b>	Electronic Photocell	<b>/MWS</b>	Integral Microwave Sensor



# Calore



- Ulmodern E27 exterior wall light suitable for residential and hospitality applications (supplied less lamp)
- Die-cast frame with tempered glass enclosure
- Textured powder coated anthracite finish
- Ideal for use with LED Filament lamps
- Option to add Bluetooth and WiFi enabled smart A60 filament lamp(s)
  - AOCTOW/A60/TW/AMB/E27
  - AOCTOW/A60/TW/CL/E27



OCTO  
Compatible

Connected by  
**WIZ**



CODE	DESCRIPTION	MAX WATTAGE	CLASS	IP	IK
ACAL/E27	E27	40W	1	IP44	IK08

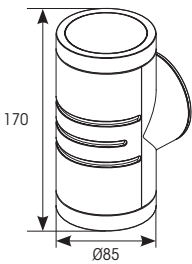


# Reef Bi-directional



247

- Durable outdoor bidirectional wall light suitable for residential and hospitality applications
- Polycarbonate construction ideal for coastal applications
- Choice of matt white or black finishes
- CCT selectable between 3000K, 4000K and 6000K
- Unique lockable installation base plate with push fit loop-in loop-out terminals for ease of installation
- Discrete PIR option available
- Non-dimmable



**PIR**



1 metres - 10 metres  
5 seconds to 12 minutes  
3 to 1000 LUX



White PIR



Unique Click and Lock  
Mounting Bracket

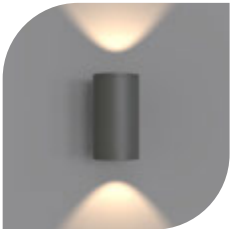
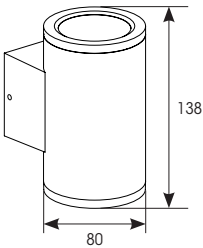
INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP	IK
220/240V	50/60Hz	-20°C to 40°C	L80 54,000	80	6	90°	2	IP65	IK08

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W
AREELEDWL	CCT Selectable - Black	10W	3000K/4000K/6000K	890lm (4000K)	89lm/W (4000K)
AREELEDWL/PIR	CCT Selectable - Black - PIR				
AREELEDWL/WH	CCT Selectable - White				
AREELEDWL/WH/PIR	CCT Selectable - White - PIR				



# Antila

- Bi-directional wall light suitable for residential and hospitality applications
- Die-cast aluminium construction with graphite paint finish
- 90° beam angle
- Non-Dimmable



Light Distribution

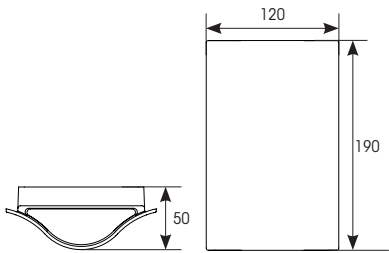


INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP	IK
220/240V	50/60Hz	-20 to 50°C	L80 50,000	80	3	30°	1	IP54	IK05

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W
ANTIALED	Cool White	12W	4000K	450lm	38lm/W

# Zart

- Bi-directional LED wall light suitable for residential and hospitality applications
- Die-cast aluminium construction with graphite paint finish
- 105° beam angle
- Non-dimmable



Light Distribution



INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP	IK
220/240V	50/60Hz	-20 to 50°C	L80 50,000	80	5	60°	1	IP54	IK08

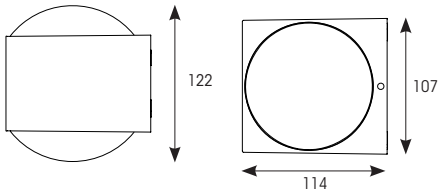
CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W
AZATLED	Cool White	12W	4000K	490lm	41lm



# Misano Square



- Architectural, modern exterior bi-directional square wall light suitable for semi-commercial and residential applications
- Die-cast aluminium construction with modern graphite, black or rust finishes
- Available in 3000K and 4000K options
- Non-dimmable



Rust



Graphite

INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP
220/240V	50/60Hz	-10°C to 40°C	L80 50,000	80	4	100°	1	IP65

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W
AMISASQ/GR/CW	Cool White - Graphite	11W	4000K	1100lm	100lm/W
AMISASQ/BL/CW	Cool White - Black				
AMISASQ/RU/CW	Cool White - Rust				
AMISASQ/GR/WW	Warm White - Graphite	11W	3000K	1100lm	100lm/W
AMISASQ/BL/WW	Warm White - Black				
AMISASQ/RU/WW	Warm White - Rust				





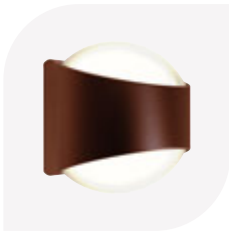
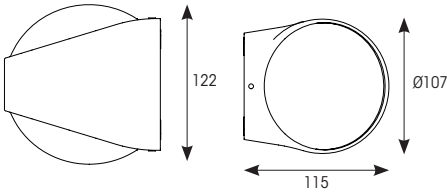




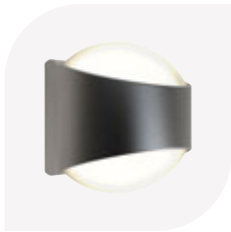
# Misano Curve



- Architectural, modern exterior bi-directional curved wall light suitable for semi-commercial and residential applications
- Die-cast aluminium construction with modern graphite, black or rust finishes
- Available in 3000K and 4000K options
- Non-dimmable



Rust



Graphite

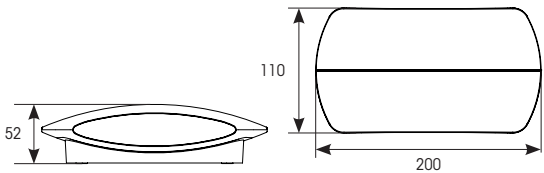
INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP
220/240V	50/60Hz	-10°C to 40°C	L80 50,000	80	4	100°	1	IP65

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W
AMISACU/GR/CW	Cool White - Graphite	11W	4000K	1100lm	100lm/W
AMISACU/BL/CW	Cool White - Black				
AMISACU/RU/CW	Cool White - Rust				
AMISACU/GR/WW	Warm White - Graphite	11W	3000K	1100lm	100lm/W
AMISACU/BL/WW	Warm White - Black				
AMISACU/RU/WW	Warm White - Rust				



# Segano

- Bi-directional wall light suitable for residential and hospitality applications
- Die-cast aluminium construction with polycarbonate diffuser
- 90° beam angle
- Non-dimmable



Light Distribution



INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP	IK
220/240V	50/60Hz	-20 to 50°C	L80 50,000	80	3	90°	1	IP54	IK08

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W
ASEGLED	Cool White	13W	4000K	610lm	47lm/W

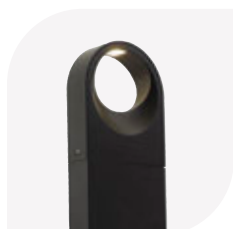
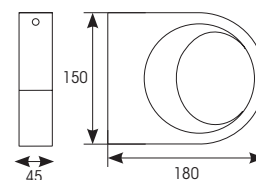


# Brock Wall Light



255

- Modern bi-directional wall light providing vivid angled light distribution suitable for residential and hospitality applications
- Die-cast aluminium body with a graphite powder coated anodized paint finish for enhanced durability
- Non-dimmable



Matching  
Brock LED Bollard  
see p344



INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP	IK
220/240V	50/60Hz	-20°C to 50°C	L80 66,000	80	3	50°	1	IP65	IK06

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W
ABRLED/WL/CW	Cool White	8W	4000K	450lm	57lm/W
ABRLED/WL/WW	Warm White		3000K		



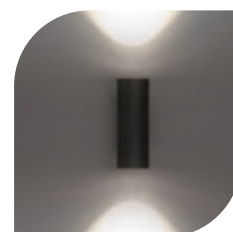
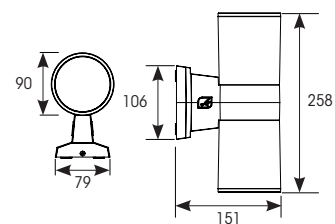


# Duo Midi



257

- Die-cast aluminium construction with black paint finish suitable for residential and hospitality applications
- CCT selectable between 3000K and 4000K
- 40° beam angle
- 1-10V dimmable as standard



Light Distribution



INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP	IK
220/240V	50/60Hz	-20°C to 40°C	L70 55,000	80	5	40°	1	IP65	IK08

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W
ADM1/1	CCT Selectable	11W	3000/4000/5000K	1300lm (4000K)	115lm/W
ADM2/1		23W		2600lm (4000K)	







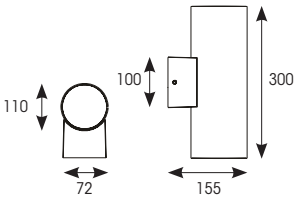


# Doppio

- Powerful architectural bi-directional wall light suitable for hospitality and retail applications
- Die-cast aluminium construction with graphite paint finish
- 20° beam angle
- Non-dimmable



259



INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP	IK
220/240V	50/60Hz	-20°C to 40°C	L80 90,000	80	5	20°	1	IP65	IK06

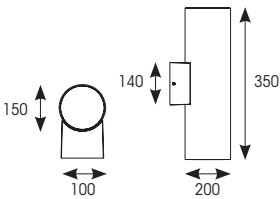
CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W
ADOLEDWL	Cool White	29W	4000K	2 x 850lm	50lm/W



# Doppio HP



- High performance architectural bi-directional wall light suitable for hospitality and retail applications
- Die-cast aluminium construction with graphite paint finish
- 20° beam angle
- Non-dimmable



INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP	IK
220/240V	50/60Hz	-20°C to 40°C	L80 90,000	80	3	20°	1	IP65	IK06

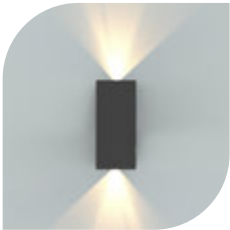
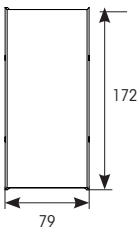
CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W
ADOLEDWL/HP	Cool White	56W	4000K	2 x 2800lm	100lm/W



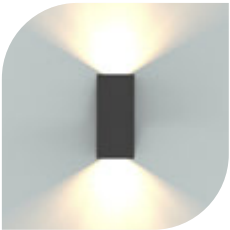
# Alto



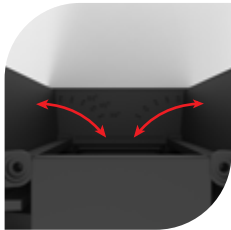
- Surface bi-directional die-cast wall light providing adjustable beam angle suitable for residential and hospitality applications
- Independent beam angle adjustment between up and down distribution
- Minimum beam angle 0°, maximum beam angle 90°
- Die-cast aluminium body with graphite powder coated anodized paint finish for enhanced durability
- Non-dimmable



30°  
Beam Angle



Full Open  
Beam Angle



Independent Beam  
Angle Adjustment

INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP	IK
220/240V	50/60Hz	-20°C to 50°C	L80 50,000	80	3	90°	1	IP54	IK05

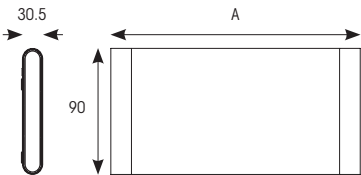
CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W
ALTOLED	Cool White	6W	4000K	320lm	56lm/W





# Pouri

- Ultra slim bi-directional wall light suitable for residential and commercial applications
- Die-cast aluminium construction with black paint finish
- CCT selectable between 3000K, 4000K and 6500K
- Non-dimmable



INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP	IK
220/240V	50/60Hz	-20°C to 45°C	L70 60,000	80	6	60/100°	1	IP65	IK08

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W	A
APOU1/1	CCT Selectable - 135mm	6W	3000K/4000K/6500K	600lm (4000K)	100lm/W	135mm
APOU2/1	CCT Selectable - 175mm	10W		1000lm (4000K)	100lm/W	175mm

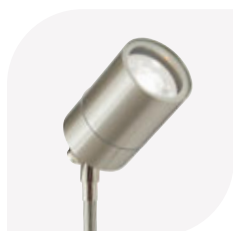
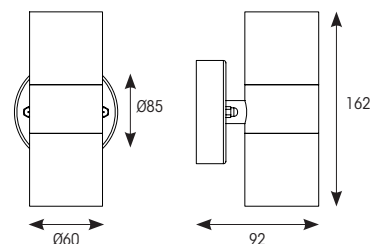


# Acero

## Collection — Bi-Directional



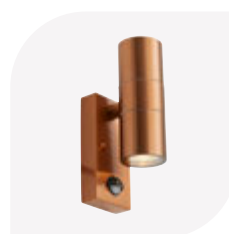
- GU10 wall light suitable for residential applications (supplied less lamp)
- 316L Marine grade stainless steel bi-directional wall light
- Stainless steel, black and copper finishes available
- Discrete PIR option available
- Option to add OCTO Connected by WiZ GU10 lamp
  - AOCTOW/GU10LED/TW
  - AOCTOW/GU10LED/RGBTW



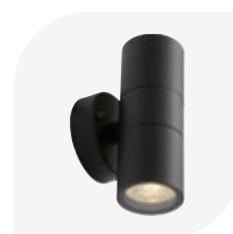
Matching  
Acero GU10 Spike Light  
see p360



Connected by  
**WiZ**



Copper - PIR



Black

INPUT	HERTZ	TEMP	CLASS	IP	IK
220/240V	50/60Hz	-10°C to 40°C	1	IP44	IK06

CODE	DESCRIPTION	MAX WATTAGE
AACERO/WL/SSL	GU10 - Stainless Steel	2 x 50W
AACERO/WL/BLK	GU10 - Black	
AACERO/WL/COP	GU10 - Copper	
AACERO/WL/SSL/PIR	GU10 - Stainless Steel - PIR	
AACERO/WL/BLK/PIR	GU10 - Black - PIR	
AACERO/WL/COP/PIR	GU10 - Copper - PIR	

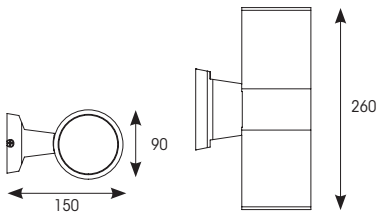






# Duo Midi

- Bi-directional wall light with housing in die-cast aluminium with a textured paint finish suitable for residential and hospitality applications (supplied less lamp)
- Large diameter housing to provide heat dissipation
- Option to add OCTO Connected by WiZ GU10 lamp
  - AOCTOW/GU10LED/TW
  - AOCTOW/GU10LED/RGBTW



Connected by  
**WiZ**



Silver Grey

CODE	DESCRIPTION	MAX WATTAGE	CLASS	IP	IK
ADM50GU10	GU10 - Black	2 x 50W	1	IP65	IK08
ADM50GU10/SG	GU10 - Graphite				



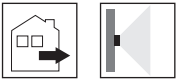




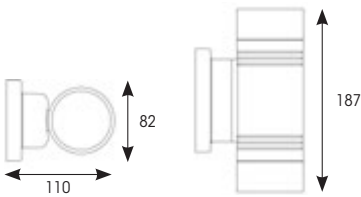


# Tandem

- Bi-directional wall light with aluminium construction with graphite textured paint finish suitable for commercial and residential applications - supplied less lamp
- Ideal for GU10 LED or GU10 mains halogen options
- Option to add OCTO Connected by WIZ GU10 lamps
  - AOCTOW/GU10LED/TW
  - AOCTOW/GU10LED/RGBTW



271



Connected by  
**WIZ**

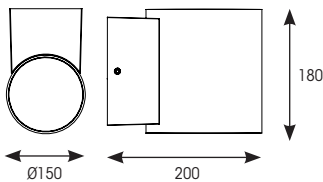


CODE	DESCRIPTION	MAX WATTAGE	CLASS	IP
ATA2X50	GU10	2 x 50W	1	IP55



# Doppio HP Directional

- Powerful architectural directional wall light suitable for hospitality and retail applications
- Die-cast aluminium construction with graphite paint finish
- Non-dimmable



INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP	IK
220/240V	50/60Hz	-20°C to 50°C	L80 90,000	80	3	20°	1	IP65	IK08

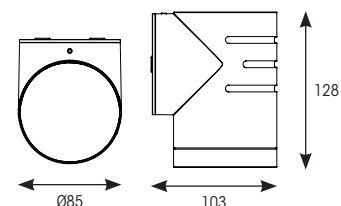
CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W
ADOSWL/HP	Cool White	28W	4000K	3200lm	115lm/W
ADOSWL/HP/WW	Warm White		3000K	3400lm	120lm/W



# Reef Directional



- Durable outdoor directional wall light suitable for residential and hospitality applications
- Installation in either upward or downward orientation
- Choice of matt white or black finishes
- Polycarbonate construction ideal for coastal applications
- CCT selectable between 3000K, 4000K and 6000K
- Unique lockable installation base plate with push fit loop-in loop-out terminals for ease of installation
- Non-dimmable



Connected by  
**WIZ**



Matching  
Reef Directional Wall Light  
Connected by WIZ  
see p52



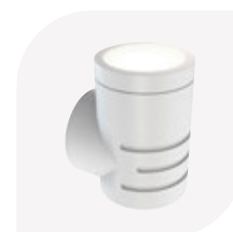
1 metres - 10 metres  
5 seconds to 12 minutes  
3 to 1000 LUX



only applies to 3000K variants



Unique Click and Lock  
Mounting Bracket



White

INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP	IK
220/240V	50/60Hz	-20°C to 40°C	L80 54,000	80	6	90°	2	IP65	IK08

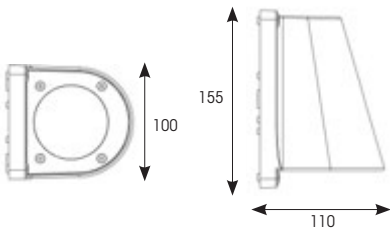
CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W
AREELEDWLD	CCT Selectable - Black	5W	3000K/4000K/6000K	430lm (3000K) - 410lm (6000K)	85lm/W (3000K) - 82lm/W (6000K)
AREELEDWLD/WH	CCT Selectable - White				





# Dugas

- Compact die-cast aluminium wall light suitable for residential and hospitality applications (supplied less lamp)
- Installation in either upward or downward orientation
- Luminaire design allows for installation of GU10 LED lamps
- Graphite textured paint finish
- Option to add OCTO Connected by WiZ GU10 lamp
  - AOCTOW/GU10LED/TW
  - AOCTOW/GU10LED/RGBTW



Connected by  
**WiZ**



CODE	DESCRIPTION	MAX WATTAGE	CLASS	IP
ADU50	GU10	50W	1	IP44

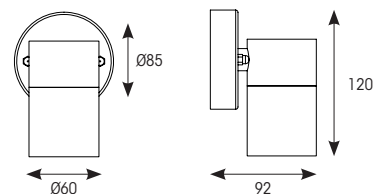
# Acero

## Collection — Directional



277

- GU10 wall light suitable for residential applications (supplied less lamp)
- 316L Marine grade stainless steel directional wall light
- Stainless steel, black and copper finishes available
- Discrete PIR option available
- Option to add OCTO Connected by WiZ GU10 lamp
  - AOCTOW/GU10LED/TW
  - AOCTOW/GU10LED/RGBTW



Matching  
Acero GU10 Spike Light  
see p360

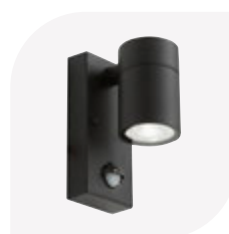


1 metre - 7 metres  
10 seconds to 5 minutes  
10 to 2000 LUX

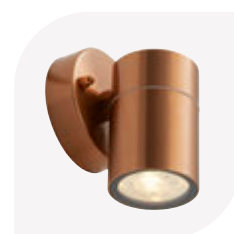


OCTO  
Compatible

Connected by  
**WiZ**



Black - PIR



Copper

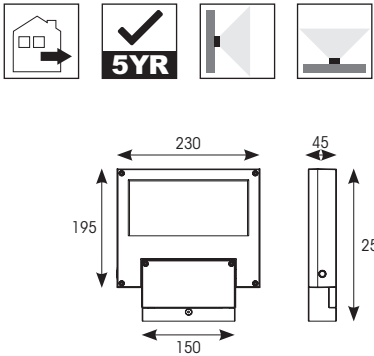
INPUT	HERTZ	TEMP	CLASS	IP	IK
220/240V	50/60Hz	-10°C to 40°C	1	IP44	IK06

CODE	DESCRIPTION	MAX WATTAGE
AACERO/WLD/SSL	Stainless Steel	50W
AACERO/WLD/BLK	Black	
AACERO/WLD/COP	Copper	
AACERO/WLD/SSL/PIR	Stainless Steel - PIR	
AACERO/WLD/BLK/PIR	Black - PIR	
AACERO/WLD/COP/PIR	Copper - PIR	



# Spirit Asymmetrical

- High performance LED projector light suitable for commercial applications
- Die-cast aluminium construction with textured graphite finish
- Non-dimmable
- Internal application examples:- Transport hubs, churches and historical buildings amongst other commercial applications. Ideal to improve atmosphere and brighten indoor spaces
- External application examples:- Commercial buildings to provide a sufficient wall washer effect for projected facades
- Powered by Tridonic



INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP	IK
220/240V	50/60Hz	0°C to 25°C	L90 36,000	80	3	40/100°	1	IP65	IK06

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W
ASPPLIED/ASY/CW	Cool White	24W	4000K	1700lm	71lm/W
ASPPLIED/ASY/WW	Warm White	24W	3000K	1600lm	66lm/W

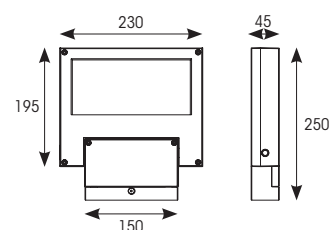


# Spirit Symmetrical



279

- High performance LED projector light suitable for commercial applications
- Die-cast aluminium construction with textured graphite finish
- Non-dimmable
- Internal application examples:- Historical buildings, churches and hotel lobbies. Ideal at improving atmosphere and brightening indoor spaces
- External application examples:- Communal and residential gardens, ideal for illuminating landscapes providing a sufficient floodlight effect
- Powered by Tridonic



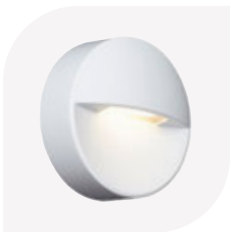
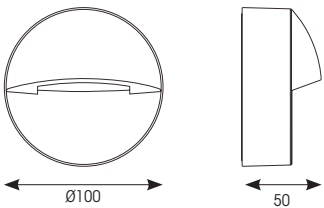
INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP	IK
220/240V	50/60Hz	0°C to 25°C	L90 36,000	80	3	65°	1	IP65	IK06

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W
ASPPLIED/SYM/CW	Cool White	24W	4000K	2200lm	90lm/W
ASPPLIED/SYM/WW	Warm White	24W	3000K	2000lm	83lm/W

# Pi Low Level



- Modern surface mounted ultra-slim low level light with downward light spill suitable for residential and hospitality applications
- Die-cast aluminium construction with choice of white or graphite paint finish
- Push fit loop-in loop-out terminals for ease of installation
- Anti-glare opal polycarbonate front diffuser
- CCT selectable between 3000K and 4000K
- Screwless front cover with concealed allen key access provides security and a sleek design
- Non-dimmable



only applies to 3000K variants

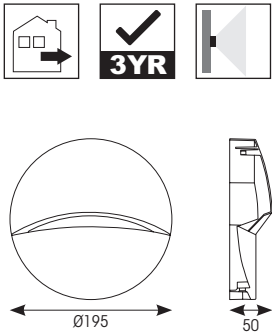
White

INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP	IK
220/240V	50/60Hz	0°C to 25°C	L80 60,000	80	3	20/60°	1	IP65	IK06

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W
APILLED/W	CCT Selectable - White	3W	3000K/4000K	60lm (4000K)	25lm/W (4000K)
APILLED/GR	CCT Selectable - Graphite				

# Matala

- Surface mounting ultra-slim low level circular pathway light with downward light-spill suitable for residential and hospitality applications
- Die-cast aluminium construction with graphite paint finish
- Screwless front cover with concealed allen key access
- Selectable CCT between 3000K and 4000K
- Pre-wired with 1 metre of rubber insulated cable for ease of installation
- Non-dimmable



281



INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP	IK
220/240V	50/60Hz	-20°C to 25°C	L70 50,000	80	5	85°	1	IP65	IK06

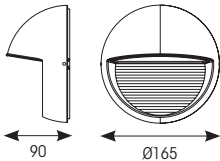
CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W
AMATROLED	CCT Selectable	7W	3000K/4000K	260lm (4000K)	37lm/W (4000K)



# Kappa



- Compact wall light with integral driver suitable for residential and hospitality applications
- Downward light spill ideal for pathway illumination
- Die-cast aluminium construction
- Non-dimmable



only applies to 3000K variants



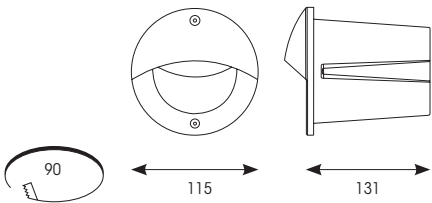
Silver Grey

INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP
220/240V	50/60Hz	0°C to 25°C	L70 60,000	70	6	90°	1	IP65

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LMW
AKLED/B	Cool White - Black	5W	4000K	270lm	60lm/W
AKLED/SG	Cool White - Silver Grey				
AKLED/B/WW	Warm White - Black		3000K	120lm	26lm/W
AKLED/SG/WW	Warm White - Silver Grey				



- Compact low level circular LED pathway light with downward light spill suitable for residential and hospitality applications
- Die-cast aluminium construction with graphite paint finish
- CCT selectable between 3000K and 4000K
- Supplied c/w plastic installation box and pre-wired with 1 metre of rubber insulated cable for ease of installation
- Non-dimmable



INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP
220/240V	50/60Hz	-20°C to 25°C	L70 50,000	80	5	70°	1	IP65

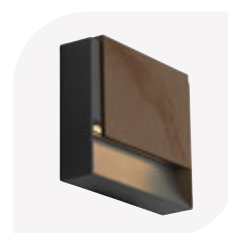
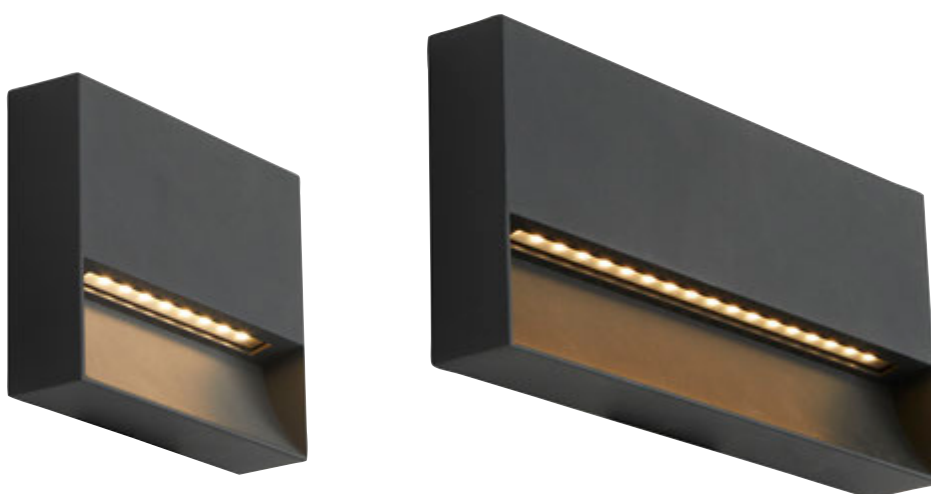
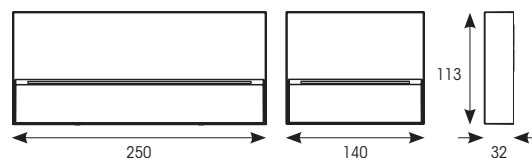
CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W
APCLEDWL	CCT Selectable	3W	3000K/4000K	70lm	23lm/W



# Galia Mini and Maxi



- Surface mounting ultra-slim low level square pathway light with downward light suitable for residential, hospitality and commercial applications
- Die-cast aluminium construction with textured graphite paint finish
- Two sizes available; Mini and Maxi
- Push-fit loop-in, loop-out terminals for ease and speed of installation
- Selectable CCT between 3000K and 4000K
- Modern concrete and rust cover options available
- Non-dimmable



Mini fitted with  
Rust cover option



Mini fitted with  
Concrete cover option

INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP	IK
220/240V	50/60Hz	-20°C to 40°C	L70 59,000	80	6	20°/100°	1	IP65	IK09

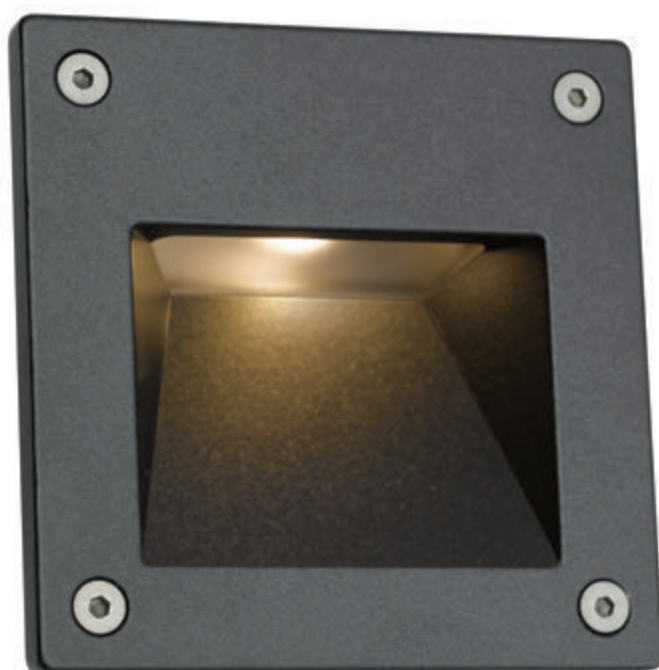
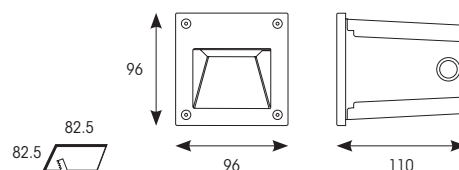
CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W
<b>AGALIA/MINI</b>	Mini - CCT Selectable				
<b>AGALIA/MINI/CONC</b>	Mini - CCT Selectable - Concrete	4W	3000K/4000K	120lm (4000K)	30lm/W (4000K)
<b>AGALIA/MINI/RUST</b>	Mini - CCT Selectable - Rust				
<b>AGALIA/MAXI</b>	Maxi - CCT Selectable				
<b>AGALIA/MAXI/CONC</b>	Maxi - CCT Selectable - Concrete	8W		220lm (4000K)	27lm/W (4000K)
<b>AGALIA/MAXI/RUST</b>	Maxi - CCT Selectable - Rust				

# Camini



285

- Compact low level square LED pathway light with downward light spill suitable for residential and hospitality applications
- Die-cast aluminium construction with graphite paint finish
- CCT selectable between 3000K and 4000K
- Supplied c/w plastic installation box and pre-wired with 1 metre of rubber insulated cable for ease of installation
- Non-dimmable



INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP
220/240V	50/60Hz	-20°C to 25°C	L70 60,000	80	5	70°	1	IP65

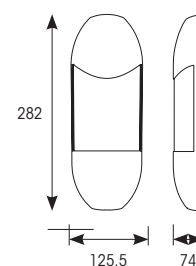
CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W
ACSQLEDWL	CCT Selectable	3W	3000K/4000K	80lm	22lm/W



# Leo Half Lantern

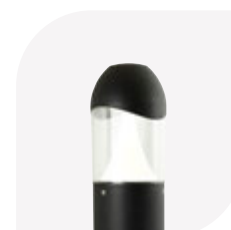


- Modern styled half wall lantern with polycarbonate construction suitable for commercial and residential applications
- White reflector with clear polycarbonate diffuser
- Polycarbonate construction is ideal for coastal applications
- PIR option for convenience and security. Incorporates manual override option
- CCT selectable between 3000K and 4000K
- Non-dimmable



Connected by  
**WIZ**

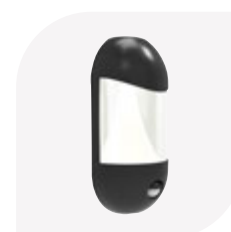
Matching  
Leo Polycarbonate Half  
Lantern and Bollard  
Connected by WIZ  
see p55 and p57



Matching  
Leo Bollard  
see p335



Max 10 metres  
8 seconds to 12 minutes  
0 to 1000 LUX



PIR version

INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP	IK
220/240V	50/60Hz	-10°C to 40°C	L70 54,000	80	6	130°	2	IP65	IK06

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W
ALEOLED/HL	CCT Selectable	8W	3000K/4000K	330lm (4000K)	41lm/W (4000K)
ALEOLED/HL/PIR	CCT Selectable - PIR				

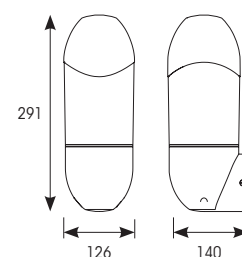


# Leo Wall Lantern



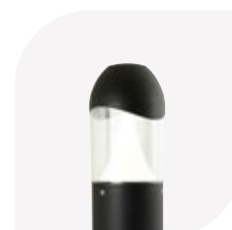
287

- Modern styled wall lantern with polycarbonate construction suitable for commercial and residential applications
- White reflector with clear polycarbonate diffuser
- Polycarbonate construction is ideal for coastal applications
- PIR option for convenience and security. Incorporates manual override option
- CCT selectable between 3000K and 4000K
- Non-dimmable



Connected by  
**WIZ**

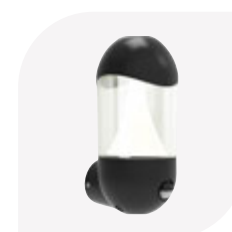
Matching  
Leo Polycarbonate Half  
Lantern and Bollard  
Connected by WIZ  
see p56 and p57



Matching  
Leo Bollard  
see p335



Max 10 metres  
8 seconds to 12 minutes  
0 to 1000 LUX



PIR version

INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP	IK
220/240V	50/60Hz	-10°C to 40°C	L70 54,000	80	6	130°	2	IP65	IK06

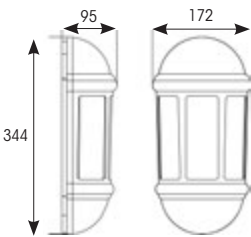
CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LMW
ALEOLED/WL	CCT Selectable	8W	3000K/4000K	450lm (4000K)	56lm/W (4000K)
ALEOLED/WL/PIR	CCT Selectable - PIR				



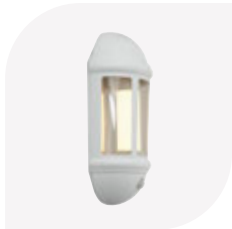
# Latina Half Lantern



- Contemporary IP65 half lantern and resistant to corrosion suitable for commercial and residential applications
- Textured polycarbonate finish and tinted lens
- LED light bar for uniform light output
- PIR option for convenience and security. Incorporates manual override option
- Colour matching PIR lens cover ensures discreet appearance
- Non-dimmable



Max 8 metres  
5 seconds to 8 minutes  
2 - 2000 LUX - Photocell Off



White - PIR

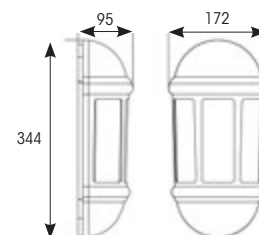
INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP	IK
220/240V	50/60Hz	-10 to 40°C	L70 60,000	80	6	110°	2	IP65	IK08

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W
ALHLLD/BL	Black	8W	3000K	400lm	53lm/W
ALHLLD/WH	White				
ALHLLD/PC/BL	Black - Photocell				
ALHLLD/PC/WH	White - Photocell				
ALHLLD/PIR/BL	Black - PIR				
ALHLLD/PIR/WH	White - PIR				

# Latina E27 Half Lantern



- Contemporary IP65 half lantern and resistant to corrosion suitable for commercial and residential applications (supplied less lamp)
- Textured polycarbonate finish and tinted lens
- PIR option for convenience and security. Incorporates manual override option
- Colour matching PIR lens cover ensures discreet appearance
- Option to add OCTO Connected by WiZ A60 filament lamp (only for use ALHL/BL and ALHL/WH)
  - AOCTOW/A60/TW/AMB/E27
  - AOCTOW/A60/TW/CL/E27

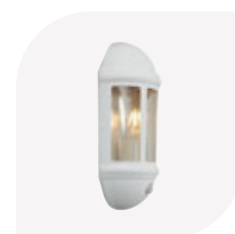


Max 8 metres  
5 seconds to 8 minutes  
2 - 2000 LUX - Photocell Off



Connected by  
**WiZ**

**E27 LED**  
Maximum Size



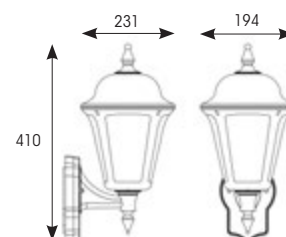
White - PIR

CODE	DESCRIPTION	MAX WATTAGE	CLASS	IP	IK
ALHL/BL	Black	42W	2	IP65	IK08
ALHL/WH	White				
ALHL/PC/BL	Black - Photocell				
ALHL/PC/WH	White - Photocell				
ALHL/PIR/BL	Black - PIR				
ALHL/PIR/WH	White - PIR				

# Latina Wall Lantern



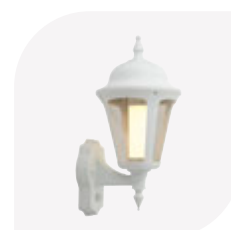
- Contemporary IP65 polycarbonate lantern range and resistant to corrosion suitable for commercial and residential applications
- LED light bar for uniform light output
- Unique design provides installer with option of top arm or bottom arm mounting, without the need of additional wiring (PIR version bottom arm mounting only)
- Textured polycarbonate finish and tinted lens
- PIR option for convenience and security. Incorporates manual override option
- Colour matching PIR lens ensures discreet appearance
- Non-dimmable



Max 8 metres  
5 seconds to 8 minutes  
2 - 2000 LUX - Photocell Off



Corner Bracket - Black



White - PIR

INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP	IK
220/240V	50/60Hz	-10 to 40°C	L70 60,000	80	6	360°	2	IP65	IK08

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W
ALWLLED/BL	Black	8W	3000K	550lm	68lm/W
ALWLLED/WH	White				
ALWLLED/PIR/BL	Black - PIR				
ALWLLED/PIR/WH	White - PIR				

CODE (ACCESSORIES)	DESCRIPTION
ALWL/CBB	Wall Lantern Corner Bracket Black

CODE (ACCESSORIES)	DESCRIPTION
ALWL/CBW	Wall Lantern Corner Bracket White

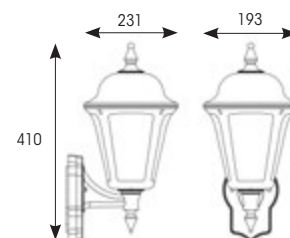


# Latina E27 Wall Lantern



291

- Contemporary IP65 polycarbonate lantern range and resistant to corrosion suitable for commercial and residential applications (supplied less lamp)
- Unique design provides installer with option of top arm or bottom arm mounting, without the need of additional wiring (PIR version bottom arm mounting only)
- Textured polycarbonate finish and tinted lens
- PIR option for convenience and security. Incorporates manual override option
- Colour matching PIR lens ensures discreet appearance
- Option to add OCTO Connected by WiZ A60 filament lamp (only for use ALWL/BL and ALWL/WH)
  - AOCTOW/A60/TW/AMB/E27
  - AOCTOW/A60/TW/CL/E27



Max 8 metres  
5 seconds to 8 minutes  
2 - 2000 LUX - Photocell Off

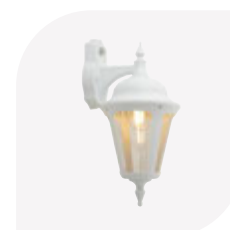


OCTO  
Compatible

Connected by  
**WiZ**



Corner Bracket - White



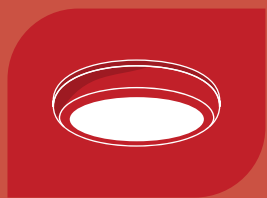
White - PIR Top Arm

CODE	DESCRIPTION	MAX WATTAGE	CLASS	IP	IK
ALWL/BL	E27 - Black	42W	2	IP65	IK08
ALWL/WH	E27 - White				
ALWL/PIR/BL	E27 - Black - PIR				
ALWL/PIR/WH	E27 - White - PIR				

CODE (ACCESSORIES)	DESCRIPTION
ALWL/CBB	Wall Lantern Corner Bracket Black

CODE (ACCESSORIES)	DESCRIPTION
ALWL/CBW	Wall Lantern Corner Bracket White



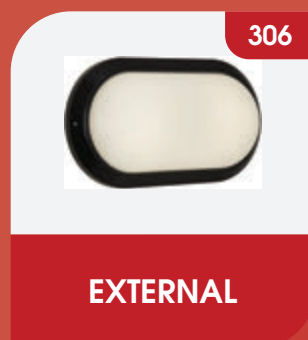
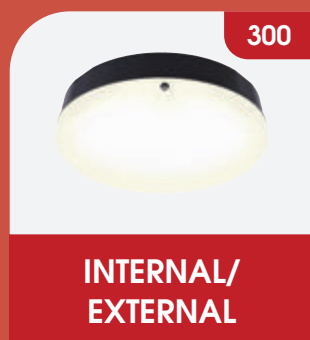
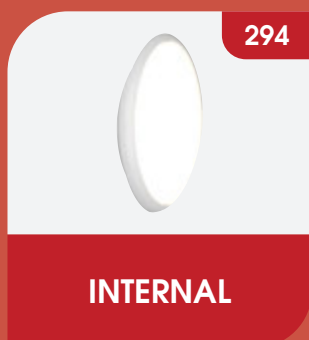


# BULKHEADS

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Regardless of the application, our robust and functional bulkhead lights provide powerful illumination to indoor and outdoor spaces.

Offering exceptional value for money, they are available in a range of shapes and sizes, colours and with trim accessories to enhance aesthetic appeal. CCT selectable, PIR, emergency and integral sensor options are available throughout the range with many products covered by a five-year warranty.

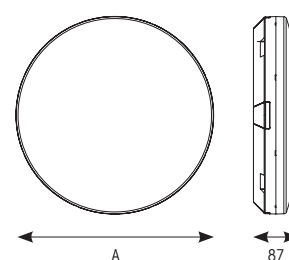




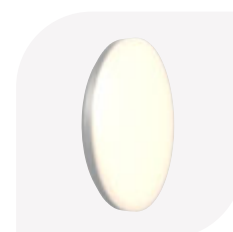
# Mercurial



- Utility LED wall/ceiling luminaire suitable for education and commercial applications and ancillary areas
- CCT selectable between 3000K and 4000K and power selectable; offering a choice of 2 outputs, in one luminaire (AMER1/1/\*\* only)
- Corridor function options available for effective reduction in energy consumption
- Side conduit entry covers retain sleek appearance when not in use
- Clip in gear tray ensures quick installation



Powered by  
**CASAMBI**



Silver

INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP	IK
220/240V	50/60Hz	-20°C to 40°C	L70 80,000	80	3	120°	2	IP54	IK07

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W	A
AMER1/1/W	CCT Selectable - White 370mm	13/20W	3000K/4000K	1900lm - 2700lm(4000K)	135lm/w (4000K)	370mm
AMER1/1/S	CCT Selectable - Silver 370mm					
AMER2/1/W	CCT Selectable - White 500mm	34W	3000K/4000K	4700lm (4000K)	130lm/w (4000K)	500mm
AMER2/1/S	CCT Selectable - Silver 500mm					

CODE (OPTIONS)	DESCRIPTION
/SM3	Self-Test Emergency
/DM3	DALI emergency
/OCTO	OCTO Smart Control

CODE (OPTIONS)	DESCRIPTION
/MWS	Integral Microwave Sensor
/DD	Digital Dimming (DD1/DD3/DD4)
/CF	Corridor Function

CODE (ACCESSORIES)	DESCRIPTION
ABSK/3	Bulkhead Suspension Kit

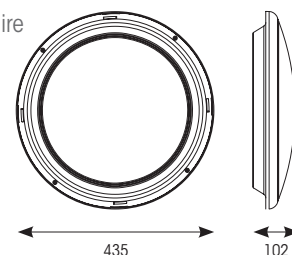




# Luna



- Polycarbonate wall/ceiling bulkhead with adjustable power and light output option suitable for education and commercial applications
- Power and CCT selectable; offering a choice of 2 outputs and 3 colour temperature options, in one luminaire
- White body finish with 4 different bezel finish accessory options including; white, chrome, satin chrome and black
- High efficiency up to 150lm/W
- Clip in diffuser, bezel and gear tray for a tool-less, simple and quick installation
- **Please note this product is supplied less bezel trim and one of our 4 different finish accessories are required for installation**



Powered by  
**CASAMBI**



Simple clip and connect  
bezel attachment for quick  
and easy installation



4 trim bezel options:  
Chrome, Black, Satin  
Chrome and White

INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP	IK
220/240V	50/60Hz	-25°C to 50°C	L80 50,000	80	3	115°	2	IP54	IK06

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W
ALUN/1	CCT Selectable	12W-22W	3000/4000/5000K	1700lm - 3100lm (4000K)	140lm (4000K)

CODE (OPTIONS)	DESCRIPTION
/SM3	Self-Test Emergency
/DM3	DALI emergency
/OCTO	OCTO Smart Control

CODE (OPTIONS)	DESCRIPTION
/MWS	Integral Microwave Sensor
/CF	Corridor Function
/DD	Digital Dimming (DD1/DD3/DD4)

CODE (ACCESSORIES)	DESCRIPTION
ALUN/1/BZ/CH	Chrome Bezel
ALUN/1/BZ/BL	Black Bezel

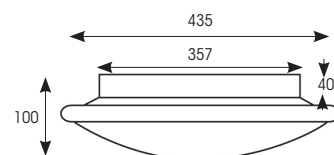
CODE (ACCESSORIES)	DESCRIPTION
ALUN/1/BZ/SC	Satin Chrome Bezel
ALUN/1/BZ/WH	White Bezel



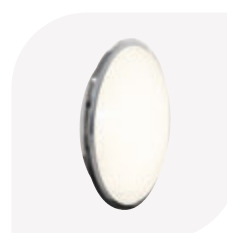
# Eclipse



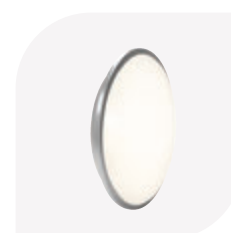
- LED wall/ceiling luminaire with adjustable power and light output option suitable for education and commercial applications and ancillary areas
- One product with integral driver dip-switch
- Internal CCT selector switch allows the installer to choose the CCT between 3000K and 4000K
- Corridor function options available for effective reduction in energy consumption
- Spun aluminium base with dished opal Visiluxe diffuser
- BESA box fixing versatile mounting options



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**CASAMBI**



Chrome



Satin Chrome

INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP	IK
220/240V	50/60Hz	-10°C to 25°C	L70 60,000	80	6	110°	1	IP20	IK08

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W
<b>AECLED/W/CCT</b>	CCT Selectable - White				
<b>AECLED/CH/CCT</b>	CCT Selectable - Chrome	11W-25W	3000K/4000K	1200lm - 2800lm (4000K)	108lm/W - 114lm/W (4000K)
<b>AECLED/SC/CCT</b>	CCT Selectable - Satin Chrome				

CODE (OPTIONS)	DESCRIPTION
<b>/M3</b>	Self-Test Emergency
<b>/DM3</b>	DALI Emergency
<b>/OCTO</b>	OCTO Smart Control

CODE (OPTIONS)	DESCRIPTION
<b>/DD</b>	Digital Dimming (DD1/DD3/DD4)
<b>/MWS</b>	Integral Microwave Sensor
<b>/CF</b>	Corridor Function

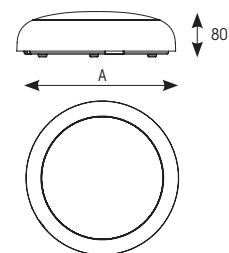
CODE (ACCESSORIES)	DESCRIPTION
<b>ABSK/3</b>	Bulkhead Suspension Kit
<b>ASBP/34</b>	3.6V 2000mAh Ni-CD Replacement Battery





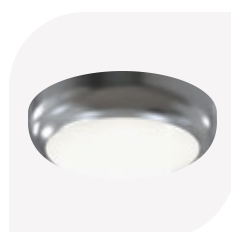


- Slim and modern bulkhead suitable for residential, commercial and industrial applications as well as ancillary areas
- High efficiency up to 145lm/W
- All polycarbonate construction with opal diffuser and white trim ring with optional chrome, satin chrome or graphite trim ring accessories
- CCT selectable between 3000K, 4000K and 6500K and power selectable; offering a choice of 3 outputs, in one luminaire
- Gear tray located on the bezel, allowing the base to be installed and then the bezel connected, this coupled with 4x 20mm conduit entry points on base ensure a quick and simple installation
- Two options of microwave sensor emergency
- Instant light output and unlimited switching

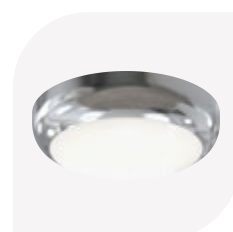


Connected by  
**WIZ**

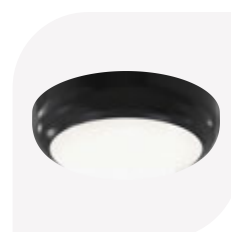
Matching  
OCTO Disco Slim  
Connected by WIZ  
see p48



Fitted with  
Chrome Trim Bezel



Fitted with  
Satin Chrome Trim Bezel



Fitted with  
Graphite Trim Bezel

INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP	IK
220/240V	50/60Hz	-20°C to 40°C	L70 54,000	80	5	110°	2	IP65	IK08

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W	A
ADIS1/1	CCT Selectable - 275mm	4W - 7W	3000/	480lm - 950lm (4000K)	120lm/W - 140lm/W (4000K)	275mm
ADIS2/1	CCT Selectable - 325mm	9W - 16W	4000/6500K	1200lm - 2300lm (4000K)	135lm/W - 145lm/W (4000K)	325mm

CODE (OPTIONS)	DESCRIPTION
/M3	Emergency
/SM3	Self-Test Emergency
/MWS	Integral Microwave Sensor
/CF	Corridor Function

CODE (ACCESSORIES)	DESCRIPTION
ADIS1BZ/CH/1	Chrome Trim Ring (ADIS1/1)
ADIS1BZ/SC/1	Satin Chrome Trim Ring (ADIS1/1)
ADIS1BZ/GR/1	Graphite Trim Ring (ADIS1/1)
ADIS2BZ/CH/1	Chrome Trim Ring (ADIS2/1)
ADIS2BZ/SC/1	Satin Chrome Trim Ring (ADIS2/1)
ADIS2BZ/GR/1	Graphite Trim Ring (ADIS2/1)



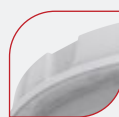
## DISCO EVO

ADIS1/1



### Multi CCT and Wattage

Dual power selectable with 3000/4000K and 6500K colour temperature options



### Conduit Entries

4x20mm entry points on the base, with markings on the diffuser ensure a quick and easily conduit installation



### Slim and Efficient

Upto 145lm/W inside a slender profile offers an efficient luminaire suitable for many applications



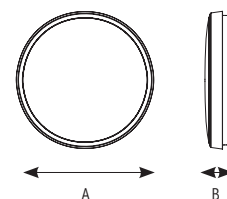
### Fast Install

Easy 2 part system allows base to be installed first, then the diffuser with integrated control gear to be connected via the push-fit terminals for a quick and simple installation

# Gamma and Gamma Mini

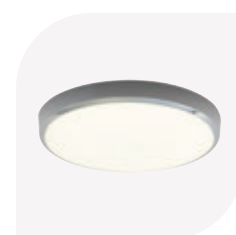


- Ultra slim modern polycarbonate wall/ceiling light suitable for education and residential applications and ancillary areas
- Matt white finish to body and diffuser with optional chrome trim ring
- CCT selectable between 3000K and 4000K
- Rear fixing bracket and terminal housing for ease of installation
- Microwave sensor set to 15 minutes at 3 metres (non-adjustable)
- /MWS and /MWS/M3 versions operate as "Primary" and can be used in conjunction with standard "Secondary"
- /MWS and MWS/M3 has integral photocell isolation switch
- Non-dimmable



Connected by  
**WIZ**

Matching  
OCTO Gamma and Gamma  
Mini Connected by WIZ  
see p46 and p47



Fitted with  
Chrome Trim Bezel

INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP	IK
220/240V	50/60Hz	-5°C to 35°C	L70 54,000	80	6	110°	2	IP54	IK09

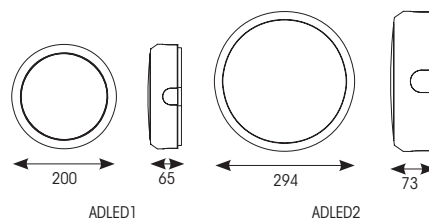
CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W	A	B
AGAMLED/CCT	CCT Selectable	17W	3000/4000K	1800lm (4000K)	106lm (4000K)	296mm	53mm
AMGAMLED/CCT		10W		1200lm (4000K)	115lm (4000K)	250mm	50mm

CODE (OPTIONS)	DESCRIPTION
/M3	Emergency
/MWS	Integral Microwave Sensor

CODE (ACCESSORIES)	DESCRIPTION
AGAMLEDBZ/CH	Gamma Chrome Trim Ring
AMGAMLEDBZ/CH	Gamma Mini Chrome Trim Ring
ASBP/24	4.8V 2Ah Ni-cd Replacement Battery



- All polycarbonate multi-purpose LED round bulkhead suitable for ancillary areas and industrial applications
- Push fit feed-in, feed-out terminals for speed and ease of installation
- Internal CCT selector switch allows the installer to choose the CCT between 3000K and 4000K
- Supplied c/w optional trim attachment which provides a more commercially aesthetic appearance
- Unique Visiluxe diffuser allows 90% light transmission from LED source for increased performance
- Instant light output and unlimited switching

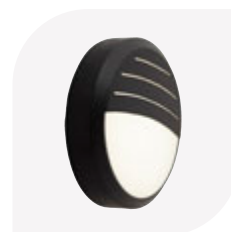


Connected by  
**WIZ**

Matching  
OCTO Delta  
Connected by WIZ  
see p50



Fitted with  
White Trim Bezel



Fitted with  
Black Trim Bezel

INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP	IK
220/240V	50/60Hz	-10°C to 40°C	L80 60,000	80	6	115°	2	IP65	IK08

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W
ADLED1/BV/CCT	CCT Selectable - Black	5W - 8W	3000/4000K	620lm - 1000lm(4000K)	140lm/W(4000K)
ADLED1/WV/CCT	CCT Selectable - White				
ADLED2/BV/CCT	CCT Selectable - Black	7W - 12W	3000/4000K	1000lm - 1700lm(4000K)	140lm/W(4000K)
ADLED2/WV/CCT	CCT Selectable - White				

CODE (OPTIONS)	DESCRIPTION
/PC	Electronic Photocell
/M3	Emergency (ADLED2/**/CCT only)

CODE (OPTIONS)	DESCRIPTION
/MWS	Integral Microwave Sensor (ADLED2/**/CCT only)
/CF	Corridor Function

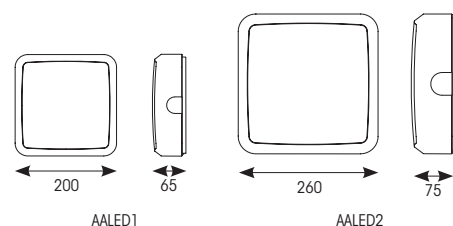
CODE (ACCESSORIES)	DESCRIPTION
ADLED2/BZ/EYE/B	Black Eyelid Bezel Trim (ADLED2/**/CCT only)
ADLED2/BZ/EYE/W	White Eyelid Bezel Trim (ADLED2/**/CCT only)

CODE (ACCESSORIES)	DESCRIPTION
ADLED2/BZ/GRILL/B	Black Louvred Bezel Trim (ADLED2/**/CCT only)
ADLED2/BZ/GRILL/W	White Louvred Bezel Trim (ADLED2/**/CCT only)

# Astro

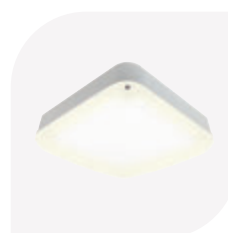


- All polycarbonate multi-purpose LED square bulkhead suitable for ancillary areas and industrial applications
- Push fit feed-in, feed-out terminals for speed and ease of installation
- Internal CCT selector switch allows the installer to choose the CCT between 3000K and 4000K
- Supplied c/w optional trim attachment which provides a more commercially aesthetic appearance
- Unique Visiluxe diffuser allows 90% light transmission from LED source for increased performance
- Instant light output and unlimited switching

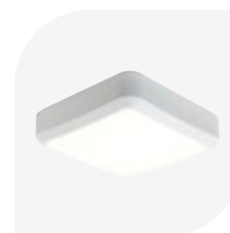


Connected by  
**WIZ**

Matching  
OCTO Astro  
Connected by WIZ  
see p49



White



Fitted with  
White Trim Bezel

INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP	IK
220/240V	50/60Hz	-10°C to 40°C	L80 60,000	80	6	115°	2	IP65	IK08

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W
AALED1/BV/CCT	CCT Selectable - Black	5W - 8W	3000/4000K	620lm - 1000lm(4000K)	140lm/W(4000K)
AALED1/WV/CCT	CCT Selectable - White				
AALED2/BV/CCT	CCT Selectable - Black	7W - 12W	3000/4000K	1000lm - 1700lm(4000K)	140lm/W(4000K)
AALED2/WV/CCT	CCT Selectable - White				

CODE (OPTIONS)	DESCRIPTION
/PC	Electronic Photocell
/M3	Emergency (AALED2/**/CCT only)

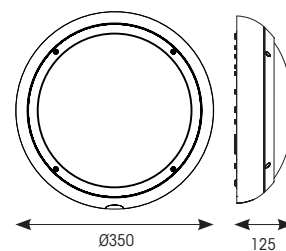
CODE (OPTIONS)	DESCRIPTION
/MWS	Integral Microwave Sensor (AALED2/**/CCT only)
/CF	Corridor Function



# Vision

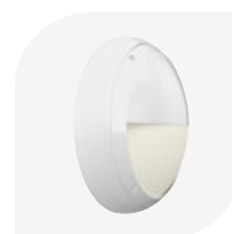


- IP65 CCT polycarbonate luminaire suitable for healthcare, educational, commercial and industrial applications
- CCT selectable between 3000K and 4000K and power selectable; offering a choice of 2 outputs, in one luminaire
- UV stabilised polycarbonate constructions allows installation into areas exposed to adverse weather conditions
- Top, bottom and side conduit entry covers retain sleek appearance when not in use
- Clip in gear tray ensures quick installation
- Corridor function options available for effective reduction in energy consumption
- Dimmable, Photocell, MWS and Emergency options available
- Powered by Tridonic



**OCTO**  
Option  
Available

Powered by  
**CASAMBI**



White Fitted with  
Plain Eyelid Accessory

INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP	IK
220/240V	50/60Hz	-10°C to 40°C	L80 54,000	80	6	110°	2	IP65	IK08

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W	TRADE
<b>AVIL/1/GR</b>	CCT Selectable - Graphite	9/18W	3000K/4000K	1300lm/2100lm (4000K 9/18W)	120/130lm/W (4000K 9/18W)	
<b>AVIL/1/W</b>	CCT Selectable - White					

CODE (OPTIONS)	DESCRIPTION
<b>/SM3</b>	Self-Test Emergency
<b>/DM3</b>	DALI emergency
<b>/PC</b>	Electronic Photocell
<b>/OCTO</b>	OCTO Smart Control

CODE (OPTIONS)	DESCRIPTION
<b>/MWS</b>	Integral Microwave Sensor
<b>/DD</b>	Digital Dimming (DD1/DD3/DD4)
<b>/CF</b>	Corridor Function

CODE (ACCESSORIES)	DESCRIPTION
<b>AVILED/GR/EYE</b>	Eyelid Accessory - Graphite
<b>AVILED/GR/LVD</b>	Louvred Accessory - Graphite

CODE (ACCESSORIES)	DESCRIPTION
<b>AVILED/W/EYE</b>	Eyelid Accessory - White
<b>AVILED/W/LVD</b>	Louvred Eyelid Accessory - White

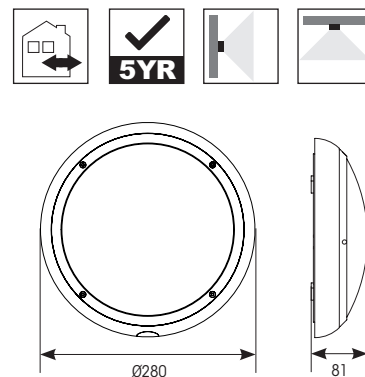






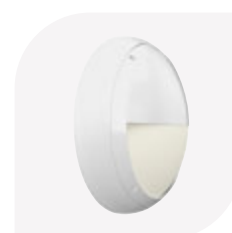


# Vision Mini



309

- IP65 polycarbonate LED luminaire suitable for external residential and hospitality applications and ancillary areas
- Polycarbonate construction allows installation into areas exposed to adverse weather conditions
- Non-dimmable



White Fitted with Plain Eyelid Accessory

INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP	IK
220/240V	50/60Hz	-10 to 40°C	L70 36,000	80	6	110°	2	IP65	IK09

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W
AVIMLED/GR	Graphite	9W	4000K	800lm	89lm
AVIMLED/W	White				

CODE (OPTIONS)	DESCRIPTION
/PC	Electronic Photocell

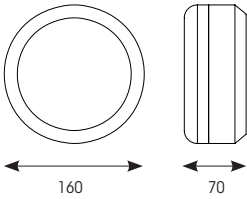
CODE (ACCESSORIES)	DESCRIPTION	CODE (ACCESSORIES)	DESCRIPTION
AVIMLED/GR/EYE	Eyelid Accessory - Graphite	AVIMLED/W/EYE	Eyelid Accessory - White
AVIMLED/GR/LVD	Louvred Accessory - Graphite	AVIMLED/W/LVD	Louvred Eyelid Accessory - White



Beta



- Multi-purpose compact surface LED bulkhead suitable for residential applications
- IP44 rating and suitable for bathroom use
- All polycarbonate construction
- Non-dimmable



INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP
220/240V	50/60Hz	0°C to 25°C	L70 36,000	70	6	115°	1	IP44

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W
ABELED/WW	Cool White	5W	4000K	440lm	87lm

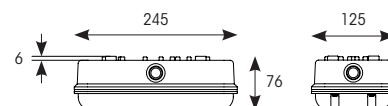


# Sleek



311

- All polycarbonate multi-purpose bulkhead suitable for external commercial applications
- Unique Visiluxe diffuser allows 90% light transmission from LED source for increased performance
- CCT selectable between 3000K and 4000K
- Instant light output and unlimited switching
- Non-dimmable



INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP	IK
220/240V	50/60Hz	-10°C to 40°C	L70 54,000	80	6	120°	2	IP65	IK08

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W
ASLE/1	CCT Selectable	5/8W	3000K/4000K	570/960lm(4000K, 5/8W)	114/119lm/w(4000K, 5/8W)

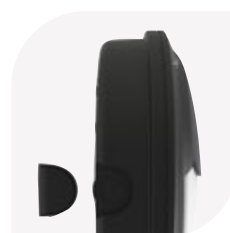
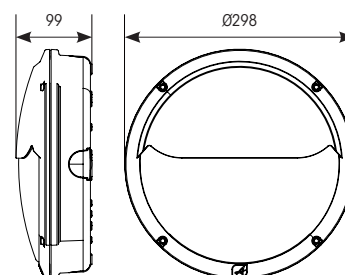
CODE (OPTIONS)	DESCRIPTION
/PC	Electronic Photocell



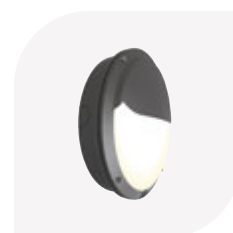
# Lucca



- IP66 rated die-cast aluminium wall light with opal polycarbonate diffuser suitable for education, commercial and industrial applications
- Tamper-proof stainless steel allen key screws
- One product with integral switches for multi-wattage and selectable CCT options
- Non-dimmable
- Powered by Tridonic



Removable 20mm conduit entry cover for ease of installation



Graphite

INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP	IK
220/240V	50/60Hz	-20°C to 25°C	L70 60,000	80	5	105/110°	1	IP66	IK08

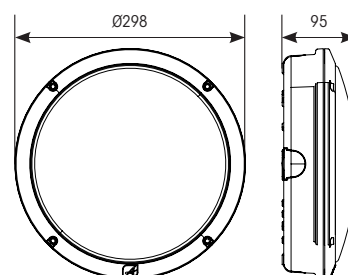
CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W
ALUCLED/B	CCT Selectable - Black	18 - 27W	3000/4000K	1300 - 1900lm (4000K, 18-27W)	69-71lm (4000K, 18-27W)
ALUCLED/G	CCT Selectable - Graphite				

CODE (OPTIONS)	DESCRIPTION
/M3	Emergency
/SM3	Self-Test Emergency
/DM3	DALI Emergency

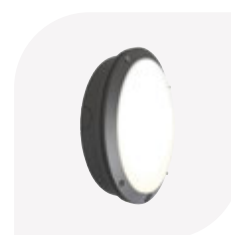
CODE (OPTIONS)	DESCRIPTION
/PC	Electronic Photocell
/MWS	Integral Microwave Sensor
/CF	Corridor Function



- IP66 rated die-cast aluminium wall light with opal polycarbonate diffuser suitable for education, commercial and industrial applications
- Tamper-proof stainless steel allen key screws
- One product with integral switches for multi-wattage and selectable CCT options
- Non-dimmable
- Powered by Tridonic



Removable 20mm conduit entry cover for ease of installation



Graphite

INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP	IK
220/240V	50/60Hz	-20°C to 25°C	L70 60,000	80	5	110°	1	IP66	IK08

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W
ANAPLED/B	CCT Selectable - Black	18-27W	3000/4000K	2500-3500lm(4000K, 18/27W)	134-127lm(4000K, 18/27W)
ANAPLED/G	CCT Selectable - Graphite				

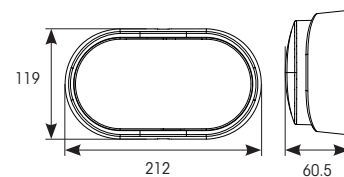
CODE (OPTIONS)	DESCRIPTION
/M3	Emergency
/SM3	Self-Test Emergency
/DM3	DALI Emergency

CODE (OPTIONS)	DESCRIPTION
/PC	Electronic Photocell
/MWS	Integral Microwave Sensor
/CF	Corridor Function

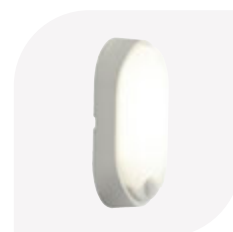
# Helder Oval



- All polycarbonate oval bulkhead suitable for external semi-commercial and residential applications
- Fast loop-in / loop-out connections
- CCT selectable between 3000K, 4000K and 6000K
- Body options of black or white
- Polycarbonate opal diffuser
- Non-dimmable



Min 6 metres  
5 seconds to 12 minutes  
3 - 10000 LUX



Fitted with  
White Trim Bezel

INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP
220/240V	50/60Hz	-5°C to 25°C	L80 54,000	80	6	110°	2	IP54

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W
AHELED/OB	CCT Selectable - Black	12W	3000/4000/6000K	1100lm (4000K)	96lm (4000K)
AHELED/OW	CCT Selectable - White				
AHELED/OB/PIR	CCT Selectable - Black - PIR				
AHELED/OW/PIR	CCT Selectable - White - PIR				

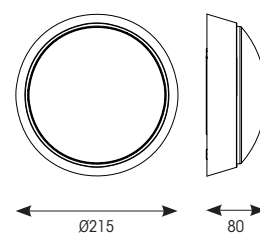


# Helder Circular

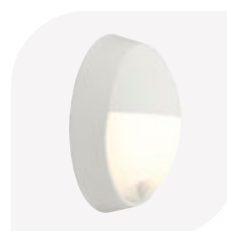


315

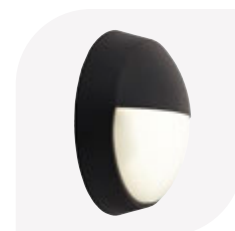
- All polycarbonate circular bulkhead suitable for external semi-commercial and residential applications
- Fast loop-in / loop-out connections
- CCT selectable between 3000K, 4000K and 6000K
- Body options of black or white with eyelid cover
- Polycarbonate opal diffuser
- Non-dimmable



Min 6 metres  
5 seconds to 12 minutes  
3 - 10000 LUX



Fitted with  
White Eyelid PIR



Fitted with  
Black Eyelid

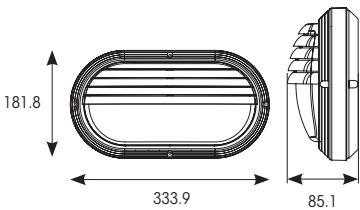
INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP
220/240V	50/60Hz	-5°C to 25°C	L80 54,000	80	6	110°	2	IP54

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W
AHELED/CB	Black	12W	3000/4000/6000K	1100lm (4000K)	88lm (4000K)
AHELED/CW	White				
AHELED/CB/PIR	Black - PIR	12.5W	3000/4000/6000K	660lm (4000K)	54lm (4000K)
AHELED/CW/PIR	White - PIR				
AHELED/EB	Eyelid Black	12W	3000/4000/6000K	660lm (4000K)	54lm (4000K)
AHELED/EW	Eyelid White				
AHELED/EB/PIR	Eyelid Black - PIR	12.5W	3000/4000/6000K	660lm (4000K)	54lm (4000K)
AHELED/EW/PIR	Eyelid White - PIR				

# Sorrento



- Shallow depth IP65 polycarbonate 2-In-1 LED bulkhead suitable for external commercial applications
- Internal CCT selector switch allows the installer to choose the CCT between 3000K and 4000K
- Supplied with both plain and louvred eyelid covers
- Non-dimmable



White Fitted with Plain Cover



Black Fitted with Louvred Eyelid Cover



White Fitted with Louvred Eyelid Cover

INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP	IK
220/240V	50/60Hz	-25°C to 25°C	L70 54,000	80	6	115°	2	IP65	IK08

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W
ASR2LED/B/CCT	CCT Selectable - Black	8W	3000/4000K	720lm (4000K)	90lm (4000K)
ASR2LED/W/CCT	CCT Selectable - White				









**WOLF**  
AWOLF/BLK

### Versatile Mounting

Multiple install options, either BESA or conduit box mounted at the rear and surface conduit side entry points makes the Wolf Mini versatile and convenient

### Easy Installation

Quickly disconnection of internal gear trays and push-fit terminals ensure a fast installation, upgradability and easy maintenance

### Optic

Specially designed optic provides enhanced glare control. This in conjunction with the CCT selectability and multi-wattage function ensures maximum versatility for any application

### Robust Design

The polycarbonate cover and die-cast housing provides IK10 rating protecting against external impacts and vandalism. This coupled with the IP65 rating ensures suitability for installation into an array of applications

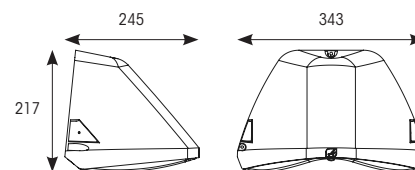


# Wolf



319

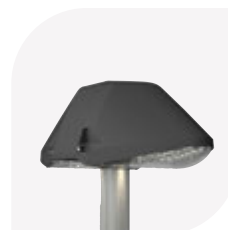
- Modern, robust die-cast aluminium low glare wall pack suitable for commercial and industrial applications
- Advanced lens technology offers wide distribution for optimum spacing and uniformity; whilst ensuring minimal uplight and light pollution
- Reduced light pollution with 0% upward light distribution, helps with compliance with Dark Skies recommendations
- Power selectable; offering a choice of 3 outputs, in one luminaire
- High efficiency up to 120 Lm/W
- Electrostatic paint finish for enhanced corrosion resistance
- Multiple conduit entry and BESA fixing points
- 20mm East and West side entry for surface conduit and through-wire
- Single and double post top bracket accessories available allowing installation onto lighting columns, suitable for car parks or walkways
- Dimmable and Smart options available



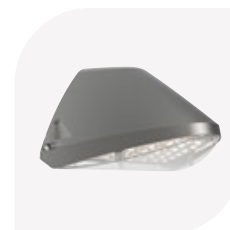
Powered by **CASAMBI**



Only applies to 3000K variant



Fitted on Double Post Top Bracket accessory



Silver Grey

INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP	IK
220/240V	50/60Hz	-20°C to 40°C	L80 84,000	80	5	70/140°	1	IP65	IK10

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W
<b>AWOLF/BLK</b>	CCT Selectable - Black	18W/20W/30W	3000K/4000K	2200/2400/3600lm (4000K)	120lm (4000K)
<b>AWOLF/SG</b>	CCT Selectable - Silver Grey				

CODE (OPTIONS)	DESCRIPTION
<b>/M3</b>	Emergency
<b>/SM3</b>	Self-Test Emergency
<b>/DM3</b>	DALI emergency

CODE (OPTIONS)	DESCRIPTION
<b>/OCTO</b>	OCTO Smart Control
<b>/MWS</b>	Integral Microwave Sensor
<b>/PC</b>	Electronic Photocell
<b>/DD</b>	Digital Dimming (DD1/DD3/DD4)

CODE (ACCESSORIES)	DESCRIPTION
<b>AWOLF/S/BLK/1</b>	Post Top Bracket - Single - Black
<b>AWOLF/S/SG/1</b>	Post Top Bracket - Single - Silver Grey

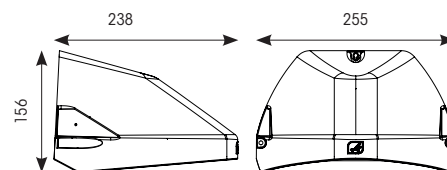
CODE (ACCESSORIES)	DESCRIPTION
<b>AWOLF/D/BLK/1</b>	Post Top Bracket - Double - Black
<b>AWOLF/D/SG/1</b>	Post Top Bracket - Single - Silver Grey



# Wolf Mini



- Modern, robust die-cast aluminium low glare wall pack suitable for commercial and industrial applications
- Advanced lens technology offers wide distribution for optimum spacing and uniformity; whilst ensuring minimal uplight and light pollution
- Reduced light pollution with 0% upward light distribution, helps with compliance with Dark Skies recommendations
- Power selectable; offering a choice of 2 outputs, in one luminaire
- High efficiency up to 125 Lm/W
- Electrostatic paint finish for enhanced corrosion resistance
- Multiple conduit, 20mm East and West side entries and rear BESA mounting
- Dimmable and Smart options available



Powered by  
**CASAMBI**



Only applies to 3000K variant

Silver Grey

INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP	IK
220/240V	50/60Hz	-20°C to 40°C	L80 84,000	80	3	70/140°	1	IP65	IK09

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W
AWOLF/MINI/BLK	CCT Selectable - Black	4/8W	3000K/4000K	500/1000lm (4000K)	125lm/W (4000K)
AWOLF/MINI/SG	CCT Selectable - Silver Grey				

CODE (OPTIONS)	DESCRIPTION
/SM3	Self-Test Emergency
/DM3	DALI Emergency
/OCTO	OCTO Smart Control

CODE (OPTIONS)	DESCRIPTION
/MWS	Integral Microwave Sensor
/PC	Electronic Photocell
/DD	Digital Dimming (DD1/DD3/DD4)



## WOLF MINI

AWOLF/MINI/BLK



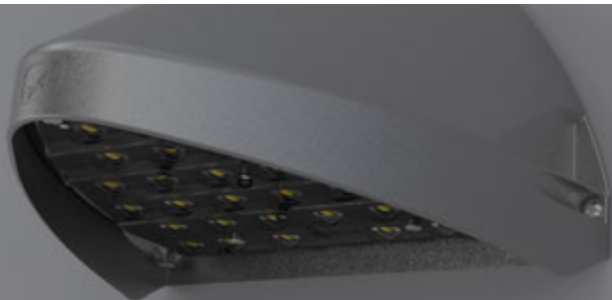
### Versatile Mounting

Multiple install options, either BESA or conduit box mounted at the rear and surface conduit side entry points makes the Wolf Mini versatile and convenient



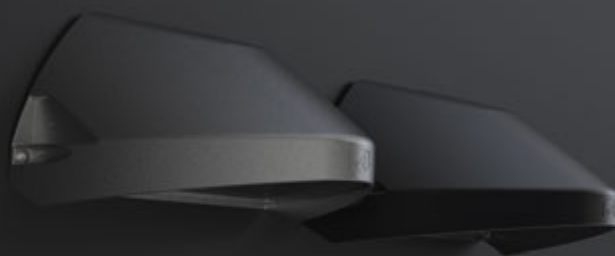
### Easy Installation

Quickly disconnection of internal gear trays and push-fit terminals ensure a fast installation, upgradability and easy maintenance



### CCT and Glare Control

Specially designed optic provides enhanced glare control. This in conjunction with the CCT (3000K & 4000K) selectability and multi-wattage function ensures maximum versatility for any application. Less than 1% upward light distribution reducing light pollution and supporting Dark Skies recommendations.



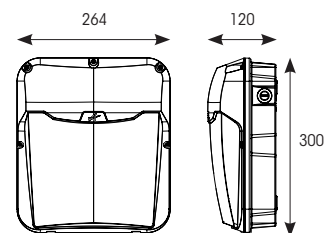
### Robust Design and Colour Options

The polycarbonate cover and die-cast housing provides IK10 rating protecting against external impacts and vandalism. This coupled with the IP65 rating ensures suitability for installation into an array of applications. Available in black and silver grey.

# Lynx



- Robust wall mounted luminaire for general accent illumination and suitable for education, commercial, industrial applications
- Integral emergency option provides downward illumination with a beam angle of 60°
- Power and CCT selectable; offering a choice of 2 outputs and 2 colour temperature options, in one luminaire
- Die-cast aluminium body with vandal resistant polycarbonate Fresnel lens diffuser
- Tamper-proof allen key screws supplied as standard
- Multiple conduit entry and BESA box fixing points
- Photocell and sensor options



**OCTO**  
Option  
Available

Powered by  
**CASAMBI**



Emergency Mode  
Beam Angle 60°

INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP	IK
220/240V	50/60Hz	-10°C to 40°C	L80 54,000	80	6	70°	1	IP65	IK08

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W
<b>ALWP/1</b>	CCT Selectable	18W-30W	3000/4000K	1400lm - 2200lm (4000K)	75lm/W (4000K)

CODE (OPTIONS)	DESCRIPTION
<b>/M3</b>	Emergency
<b>/PC</b>	Electronic Photocell
<b>/OCTO</b>	OCTO Smart Control

CODE (OPTIONS)	DESCRIPTION
<b>/DD</b>	Digital Dimming (DD1/DD3/DD4)
<b>/MWS</b>	Integral Microwave Sensor
<b>/CF</b>	Corridor Function

CODE (ACCESSORIES)	DESCRIPTION
<b>ASBP/33</b>	1.2V 1800mAh Ni-cd Battery

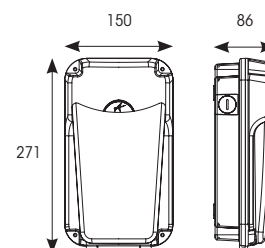


# Lynx Mini



323

- Robust compact wall mounted luminaire for general accent illumination and suitable for education, commercial, industrial applications
- All polycarbonate vandal resistant body with fresnel lens
- Tamper-proof allen key screws supplied as standard
- Multiple conduit entry and BESA box fixing points
- Hinged front face allows for a quick and easy installation
- Selectable CCT between 3000K and 4000K output
- Photocell and sensor options



INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP	IK
220/240V	50/60Hz	-10°C to 40°C	L70 60,000	80	6	25°/75°	2	IP65	IK08

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W
AMLWPLED/CCT	CCT Selectable	15W	3000/4000K	1200lm (4000K)	78lm/W (4000K)

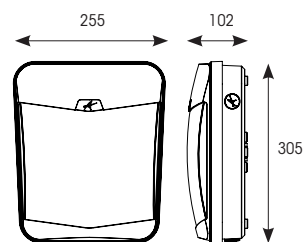
CODE (OPTIONS)	DESCRIPTION	CODE (OPTIONS)	DESCRIPTION
/PC	Electronic Photocell	/MWS	Integral Microwave Sensor



# Panther



- Durable compact wall mounted luminaire for general accent illumination and suitable for industrial applications
- All polycarbonate construction ideal for coastal and adverse weather applications
- Multiple conduit entry and BESA box fixing points
- Selectable CCT between 3000K, 4000K and 6500K output
- Supplied c/w optional trim attachment which provides a more commercially aesthetic appearance
- Photocell and sensor options



Powered by  
**CASAMBI**

INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP	IK
220/240V	50/60Hz	-10°C to 40°C	L80 60,000	80	6	80°	1	IP65	IK08

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W
<b>APANLED</b>	CCT Selectable	25W	3000/4000/6500K	2300lm (4000K)	91lm/W (4000K)

CODE (OPTIONS)	DESCRIPTION
<b>/M3</b>	Emergency
<b>/SM3</b>	Self-Test Emergency
<b>/DM3</b>	DALI emergency

CODE (OPTIONS)	DESCRIPTION
<b>/OCTO</b>	OCTO Smart Control
<b>/PC</b>	Electronic Photocell
<b>/MWS</b>	Integral Microwave Sensor



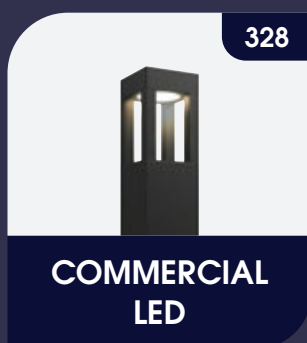


# BOLLARDS

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Ideal for illuminating pathways and patios, our attractive range of bollard lights provide reliable light in outdoor spaces.

Simple to install, both root and surface mountable products are available for environmental projects.



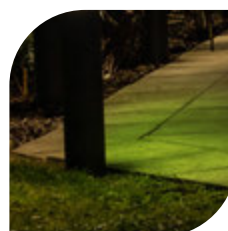
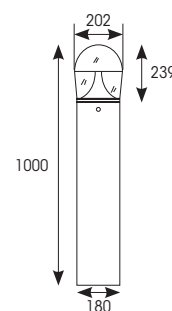




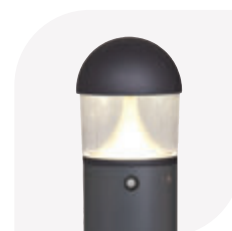
# Taurus



- Robust die-cast aluminium bollard with a textured graphite finish suitable for education, commercial and hospitality outdoor applications
- CCT selectable between 3000K and 4000K and power selectable; offering a choice of 3 outputs, in one luminaire
- High efficiency upto 100lm/w
- Die-cast aluminium head with polycarbonate lens
- Innovative base plate design allows greater installation flexibility
- Supplied c/w root mounting kit
- Integral emergency option
- Integral PIR option



Emergency Operation



PIR Option

INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP	IK
220/240V	50/60Hz	-25°C - 50°C	L80 72,000	80	5	140°	1	IP65	IK08

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W
<b>ATAUB/1</b>	CCT Selectable	10W-24W	3000K/4000K	1100lm - 2600lm (4000K)	110lm/W (4000K)
<b>ATAUB/1/PIR</b>	CCT Selectable - PIR				

CODE (OPTIONS)	DESCRIPTION
<b>/SM3</b>	Self-test Emergency

CODE (OPTIONS)	DESCRIPTION
<b>/PC</b>	Electronic Photocell

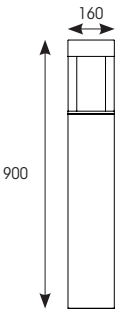




# Aries



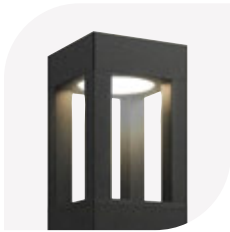
- Robust die-cast aluminium bollard with a choice of textured finishes suitable for commercial applications
- Supplied c/w root mounting kit
- Non-dimmable



only applies to 3000K variants



Graphite



Black

INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP	IK
220/240V	50/60Hz	-10°C to 40°C	L80 50,000	80	5	360°	1	IP65	IK08

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W
AARIES/900/GR/CW	Cool White - Graphite	20W	4000K	1300lm	65lm/W
AARIES/900/BL/CW	Cool White - Black				
AARIES/900/RU/CW	Cool White - Rust				
AARIES/900/GR/WW	Warm White - Graphite	20W	3000K	1300lm	65lm/W
AARIES/900/BL/WW	Warm White - Black				
AARIES/900/RU/WW	Warm White - Rust				



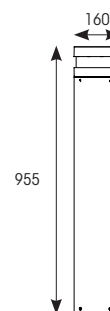




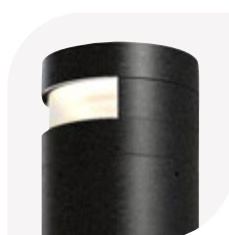
# Avio



- Robust die-cast aluminium bollard with a choice of textured finishes suitable for commercial applications
- Half-shield lens option to offer single direction output
- Supplied c/w expansion bolts for mounting
- Non-dimmable



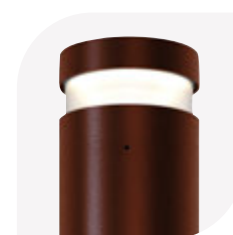
only applies to 3000K variants



Black - Fitted with  
Half Shield Accessory



Graphite



Rust

INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP	IK
220/240V	50/60Hz	-10°C to 40°C	L80 50,000	80	5	360°	1	IP65	IK08

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W
AAVIO/900/GR/CW	Cool White - Graphite	21W	4000K	800lm	37lm/W
AAVIO/900/BL/CW	Cool White - Black				
AAVIO/900/RU/CW	Cool White - Rust				
AAVIO/900/GR/WW	Warm White - Graphite		3000K		
AAVIO/900/BL/WW	Warm White - Black				
AAVIO/900/RU/WW	Warm White - Rust				

CODE (ACCESSORIES)	DESCRIPTION
AAVIO/HS/GR	Half Shield - Graphite
AAVIO/HS/BL	Half Shield - Black

CODE (ACCESSORIES)	DESCRIPTION
AAVIO/HS/RU	Half Shield - Rust

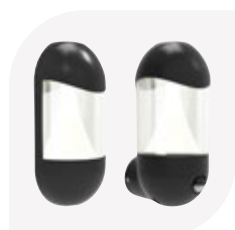








- Modern styled bollard with polycarbonate construction suitable for residential and hospitality applications
- White reflector with clear polycarbonate diffuser
- Polycarbonate construction is ideal for coastal applications
- Supplied c/w root mounting kit, can be surface mounted with rawbolts
- CCT selectable between 3000K and 4000K
- Non-dimmable
- Powered by Tridonic



Matching  
Leo Lanterns  
see p286 and p287



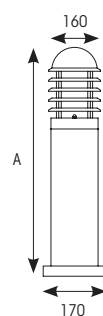
INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP	IK
220/240V	50/60Hz	-10 to 40°C	L70 36,000	80	6	130°	1	IP65	IK08

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W	A
ALEOLED/CCT/045/GR	CCT Selectable - 450mm	8W	3000/4000K	590lm (4000K)	74lm/W (4000K)	450mm
ALEOLED/CCT/075/GR	CCT Selectable - 750mm	12W		940lm (4000K)	76lm/W (4000K)	750mm
ALEOLED/CCT/100/GR	CCT Selectable - 1000mm			1000mm		

# Madrid

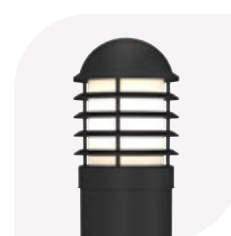


- High Grade AISI 316L stainless steel bollard (AMAD\*\*/1/SS) and die-cast extruded aluminium bollard (AMAD\*\*/1/B) suitable for residential, hospitality and commercial applications (supplied less lamp)
- Textured black powder coat finish (AMAD\*\*/1/B only)
- Louvred head design and opal polycarbonate diffuser
- Option to add OCTO Connected by WiZ A60 smart lamp
  - AOCTOW/A60LED/TW/E27
  - AOCTOW/A60/TW/FR/E27



Connected by

**WiZ**



Black



CODE	DESCRIPTION	MAX WATTAGE	CLASS	IP	IK	A
AMAD045/1/SS	E27 - 475mm - Stainless Steel	60W	1	IP44	IK05	475mm
AMAD075/1/SS	E27 - 775mm - Stainless Steel					775mm
AMAD100/1/SS	E27 - 1275mm - Stainless Steel					1275mm
AMAD045/1/B	E27 - 475mm - Black					475mm
AMAD075/1/B	E27 - 775mm - Black					775mm
AMAD100/1/B	E27 - 1275mm - Black					1275mm

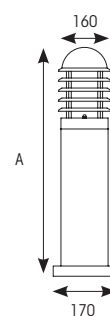
CODE (ACCESSORIES)	DESCRIPTION
ARMK3/1	Root Mounting Kit

# Murcia



337

- Die-cast aluminium bollard suitable for residential, hospitality and commercial applications (supplied less lamp)
- Textured black powder coat finish
- Four pillar head design with opal polycarbonate diffuser
- Option to add OCTO Connected by WiZ A60 smart lamp
  - AOCTOW/A60LED/TW/E27
  - AOCTOW/A60/TW/FR/E27



Connected by

WiZ

**E27 LED**  
Maximum Size



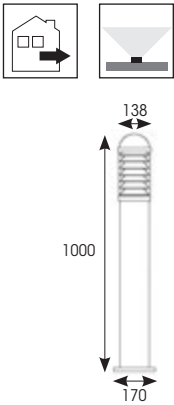
CODE	DESCRIPTION	MAX WATTAGE	CLASS	IP	IK	A
AMUR045/1/B	E27 - 475mm - Black	60W	1	IP44	IK05	475mm
AMUR075/1/B	E27 - 775mm - Black					775mm
AMUR100/1/B	E27 - 1275mm - Black					1275mm

CODE (ACCESSORIES)	DESCRIPTION
ARMK3/1	Root Mounting Kit



# Libra

- Die-cast aluminium bollard with polycarbonate diffuser suitable for residential and commercial applications (supplied less lamp)
- Internal stainless steel louvre
- Detachable head for easy access to lamp housing
- Suitable for surface mounting
- Supplied with root mounting kit
- Option to add OCTO Connected by WiZ A60 smart lamp
  - AOCTOW/A60LED/TW/E27
  - AOCTOW/A60/TW/FR/E27



CODE	DESCRIPTION	MAX WATTAGE	CLASS	IP
ALIB/100E27	E27 Bollard - Black	100W	1	IP65

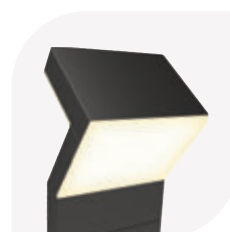
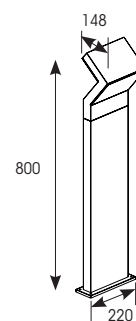


# Duet

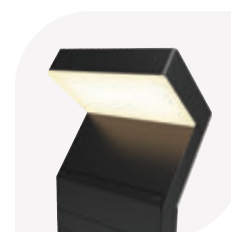


339

- Ultra modern bollard with die-cast aluminium body suitable for residential and hospitality applications
- Powder coated anodized graphite paint finish for enhanced durability
- Flange mounted base for surface fixing
- CCT selectable between 3000K and 4000K
- Non-dimmable



Light distribution from the front of the bollard



Light distribution from the rear of the bollard

INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP	IK
100/240V	50/60Hz	-20°C to 45°C	L70 36,000	80	6	110°	1	IP65	IK07

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W
ADULEDB/080	CCT Selectable	17W	3000K/4000K	1500lm	91lm/W



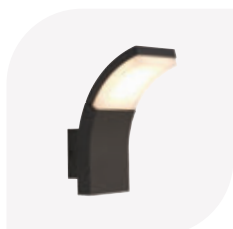
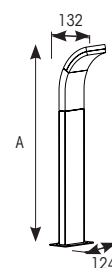


# Senza



341

- Contemporary die-cast aluminium LED bollard suitable for residential and hospitality applications
- Graphite textured powder coat paint finish
- Available in 3000K and 4000K options
- Flange mounted base for surface fixing
- Non-dimmable



Matching  
Senza Wall Light  
see p242



INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP	IK
100/240V	50/60Hz	-20°C to 45°C	L70 36,000	80	6	80/140°	1	IP54	IK07

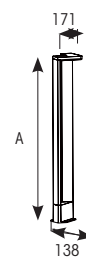
CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W	A
ASELEDB/060	600mm - Cool White	6W	4000K	410lm	68lm/W	600mm
ASELEDB/100	1000mm - Cool White					1000mm
ASELEDB/060/WW	600mm - Warm White	6W	3000K	410lm	68lm/W	600mm
ASELEDB/100/WW	1000mm - Warm White					1000mm



# Arco



- Ultra modern LED bollard suitable for residential and hospitality applications
- Graphite textured powder coated paint finish
- Flange mounted base for surface mounting
- Non-dimmable



Matching  
Arco Wall Light  
see p243



INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP	IK
100/240V	50/60Hz	-20°C to 45°C	L70 36,000	80	6	60/90°	1	IP54	IK07

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W	A
AARLEDB/060	600mm - Cool White	11W	4000K	640lm	58lm/W	600mm
AARLEDB/100	1000mm - Cool White					1000mm

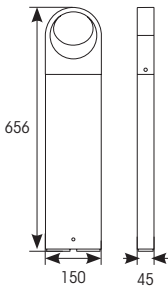




# Brock



- Modern bi-directional bollard providing vivid angled light distribution suitable for residential and hospitality applications
- Die-cast aluminium body with a graphite powder coated paint finish for enhanced durability
- Supplied c/w root mounting kit
- Available in 3000K and 4000K options
- Non-dimmable



Matching  
Brock Wall Light  
see p255



only applies to 3000K variant

INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP	IK
220/240V	50/60Hz	-20°C to 25°C	L80 66,000	80	3	50°	1	IP65	IK06

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W
ABRLEDB/650/CW	Cool White	8W	4000K	450lm	57lm
ABRLEDB/650/WW	Warm White		3000K		





# FEATURE LIGHTING

When it comes to highlighting specific design elements of buildings or outdoor spaces, our range of attractive spike, inground and projector lights are the ideal solution.

Robust and resilient, many luminaires come with a five year warranty and have a minimum IP rating of 65. Ideal for illuminating pathways, spotlighting garden features and creating outdoor lighting effects, our feature lighting is flexible and can be used in wide range of applications such as residential, commercial and hospitality settings

348



INGROUND LED

356



INGROUND GU10

358



SPIKE LIGHTS

362



FEATURE LIGHTS

364



BRICKLIGHTS

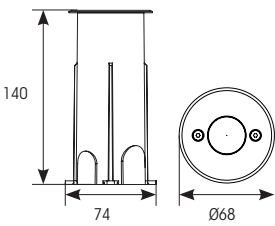




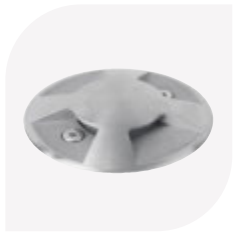


# Turlock

- Compact LED inground uplight suitable for commercial, hospitality and residential applications
- Die-cast aluminium construction with 316L stainless steel top frame
- Static load test to 2000kg
- Supplied c/w installation housing for additional protection and ease of installation
- Pre-wired with 1 metre of rubber insulated cable
- Non-dimmable



2-way Mini drive  
over cover



4-way Mini drive  
over cover

INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP	IK
220/240V	50/60Hz	-20 to 25°C	L70 84,000	80	5*	20°	1	IP67	IK10

\* Warm White SDCM 3

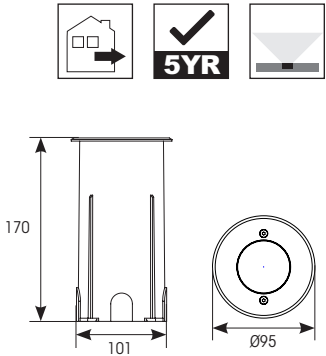
CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W
ATURWOLED/70	Cool White	3W	4000K	130lm	45lm/W
ATURWOLED/70/WW	Warm White		3000K	120lm	41lm/W

CODE (ACCESSORIES)	DESCRIPTION
ATURWOLED/70/2	2-Way Mini Drive Over Cover Accessory

CODE (ACCESSORIES)	DESCRIPTION
ATURWOLED/70/4	4-Way Mini Drive Over Cover Accessory

# Turlock

- High performance inground uplight suitable for commercial, hospitality and residential applications
- Static load test to 2000kg
- Supplied c/w installation housing for additional protection and ease of installation
- Die-cast aluminium construction with 316L stainless steel top frame
- Pre-wired with 1 metre of rubber insulated cable
- Non-dimmable



INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP	IK
220/240V	50/60Hz	-20 to 25°C	L70 84,000	80	3	20°	1	IP67	IK10

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W
ATURWOLED/95	Cool White	4W	4000K	320lm	80lm/W
ATURWOLED/95/WW	Warm White		3000K	300lm	75lm/W





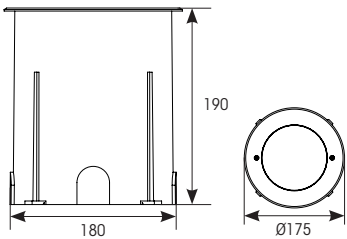


# Turlock

- High performance inground uplight suitable for commercial, hospitality and residential applications
- Supplied c/w installation housing for additional protection and ease of installation
- Die-cast aluminium construction with 316L stainless steel top frame
- Pre-wired with 1 metre of rubber insulated cable
- Static load test to 2000kg; suitable for vehicular and pedestrian traffic
- Triac dimmable as standard



351



INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP	IK
220/240V	50/60Hz	-20 to 25°C	L70 84,000	80	3	20°	1	IP67	IK10

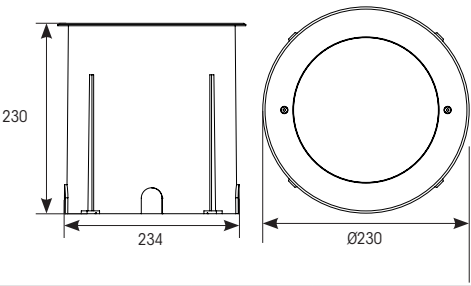
CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W
ATURWOLED/175	Cool White	8W	4000K	870lm	110lm/W
ATURWOLED/175/WW	Warm White		3000K	790lm	98lm/W



# Turlock



- High performance inground uplight suitable for commercial, hospitality and residential applications
- Supplied c/w installation housing for additional protection and ease of installation
- Die-cast aluminium construction with 316L stainless steel top frame
- Pre-wired with 1 metre of rubber insulated cable
- Static load test to 2000kg; suitable for vehicular and pedestrian traffic
- Non-dimmable



INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP	IK
220/240V	50/60Hz	-20 to 25°C	L70 84,000	80	3	20°	1	IP67	IK10

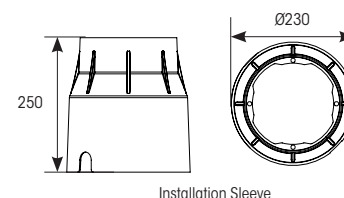
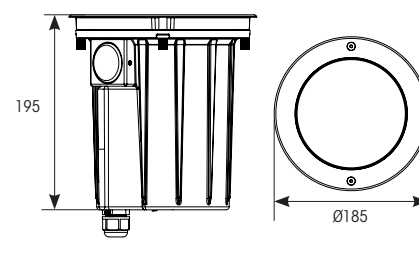
CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LMW
ATURWOLED/230	Warm White	19W	4000K	2200lm	116lm/W
ATURWOLED/230/WW	Cool White		3000K	2000lm	106lm/W

# Fresno



353

- High performance LED adjustable inground uplight suitable for commercial and hospitality applications
- 304L stainless steel bezel and powder coated aluminium housing
- Supplied c/w installation housing for additional protection and ease of installation
- Integral driver and pre-wired with 2 metres of rubber insulated cable
- Static load test to 2000kg; suitable for vehicular and pedestrian traffic
- Non-dimmable



Adjustable 30° beam angle

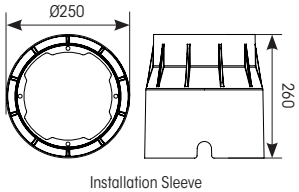
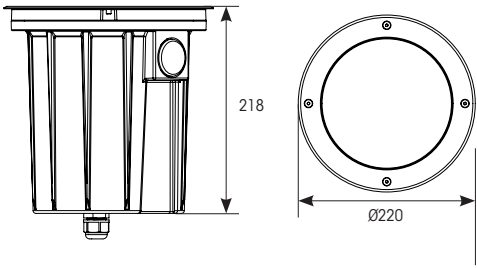
INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP	IK
220/240V	50/60Hz	-20 to 40°C	L80 50,000	80	3	20°	1	IP67	IK10

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W
AFRWOLED/185	Warm White	15W	3000K	900lm	60lm/W
AFRWOLED/185/CW	Cool White	15W	4000K	1100lm	73lm/W



# Fresno

- High performance LED adjustable inground uplight suitable for commercial and hospitality applications
- 304L stainless steel bezel and powder coated aluminium housing
- Supplied c/w installation housing for additional protection and ease of installation
- Integral driver and pre-wired with 2 metres of rubber insulated cable
- Static load test to 2000kg; suitable for vehicular and pedestrian traffic
- Non-dimmable



Adjustable 30° beam angle

INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP	IK
220/240V	50/60Hz	-20 to 40°C	L80 50,000	80	3	20°	1	IP67	IK10

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LMW
AFRWOLED/220	Warm White	20W	3000K	1000lm	50lm/W
AFRWOLED/220/CW	Cool White	20W	4000K	1100lm	54lm/W

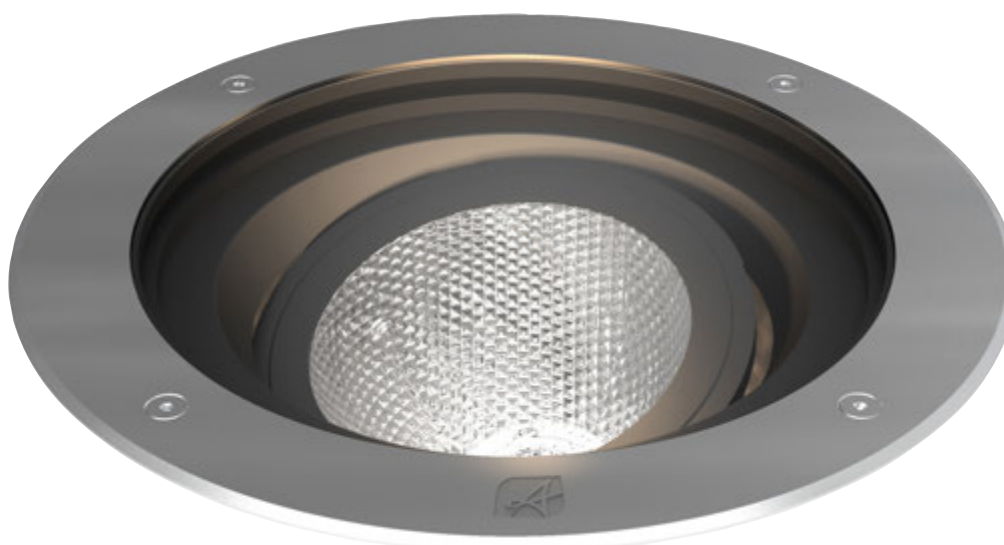
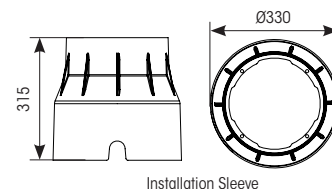
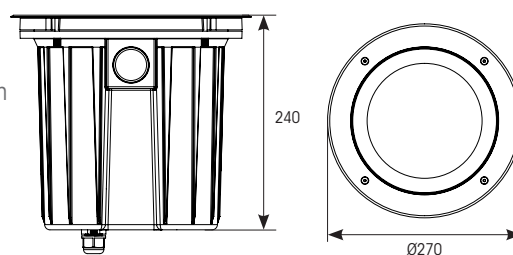


# Fresno



355

- High performance LED adjustable inground uplight suitable for commercial and hospitality applications
- 304L stainless steel bezel and powder coated aluminium housing
- Supplied c/w installation housing for additional protection and ease of installation
- Integral driver and pre-wired with 2 metres of rubber insulated cable
- Static load test to 2000kg; suitable for vehicular and pedestrian traffic
- Non-dimmable



Adjustable 30° beam angle

INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP	IK
220/240V	50/60Hz	-20 to 40°C	L80 50,000	80	3	20°	1	IP67	IK10

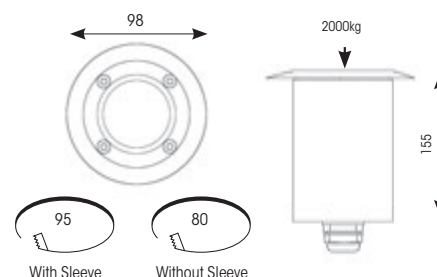
CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W
AFRWOLED/270	Warm White	30W	3000K	1800lm	59lm/W
AFRWOLED/270/CW	Cool White	30W	4000K	2000lm	65lm/W



# GU10 Inground Uplight



- GU10 inground uplight suitable for residential applications
- Supplied with GU10 lampholder
- Compact inground uplight which accepts 12V and LED lamps
- Housing in die-cast aluminium with clear toughened glass diffuser of 10mm thickness
- 316 stainless steel top ring and stainless steel allen key screws
- Static load test to 2000kg; suitable for vehicular and pedestrian traffic
- Supplied with recessed sleeve in high resistant thermoplastic
- Option to add OCTO Connected by WiZ smart GU10 lamp
  - AOCTOW/GU10LED/TW
  - AOCTOW/GU10LED/RGBTW
- **Caution: surface glass temperature will get very hot under normal halogen operation. It is recommended to use GU10 LED lamps for cooler operation.**



OCTO  
Compatible

Connected by

WiZ



## GU10 LED

Maximum Size



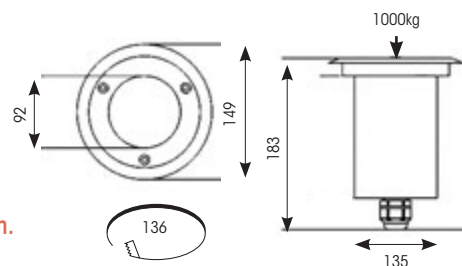
CODE	DESCRIPTION	MAX WATTAGE	CLASS	IP	IK
AW050	GU10/MR16	50W	1 (GU10), 3 (MR16)	IP67	IK10

# GU10 Adjustable Inground Uplight



357

- GU10 adjustable inground uplight suitable for residential applications
- Die-cast aluminium housing with a clear toughened glass diffuser of 8mm thickness
- 304 stainless steel top ring and stainless steel allen key screws
- Adjustable lampholder to allow up to 15° vertical inclination of lamp
- Suitable for pedestrian traffic with a static impact resistance of up to 1000kgs
- Option to add OCTO Connected by WiZ smart GU10 lamp
  - AOCTOW/GU10LED/TW
  - AOCTOW/GU10LED/RGBTW
- **Caution: surface glass temperature will get very hot under normal halogen operation. It is recommended to use GU10 LED lamps for cooler operation.**



Connected by  
**WiZ**



## GU10 LED

Maximum Size

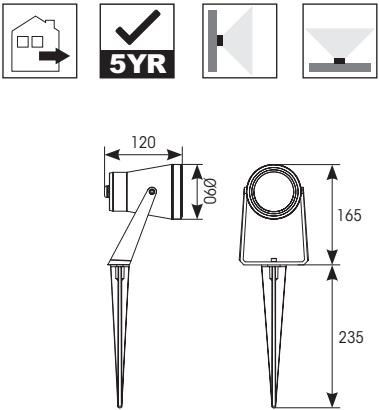


CODE	DESCRIPTION	MAX WATTAGE	CLASS	IP	IK
AWO/GU10	GU10	50W	1	IP65	IK10



# Garletta GU10

- Spike light suitable for residential or hospitality applications
- Dual purpose garden spotlight supplied with wall mounting bracket and spike
- Polycarbonate construction suitable for coastal areas
- Pre-wired with 2 metres of rubber insulated cable
- Suitable for GU10 LED lamps only as detailed
- Option to add OCTO Connected by WiZ smart GU10 lamp
  - AOCTOW/GU10LED/TW
  - AOCTOW/GU10LED/RGBTW



Wall Mounting

CODE	DESCRIPTION	MAX WATTAGE	CLASS	IP	IK
AGAR/GU10	GU10	5W	2	IP65	IK08



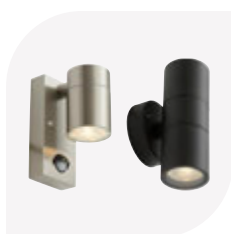
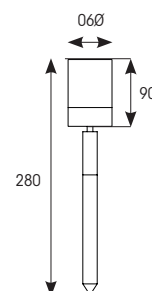


# Acero

## Collection — Spike



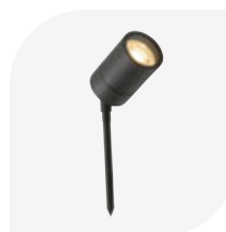
- 316L Marine grade stainless steel spike light suitable for residential applications
- Ideal for GU10 LED
- Stainless steel, black and copper finishes available
- Pre-wired with 2 metre of rubber insulated cable for ease of installation
- Option to add OCTO Connected by WiZ smart GU10 lamp
  - AOCTOW/GU10LED/TW
  - AOCTOW/GU10LED/RGBTW



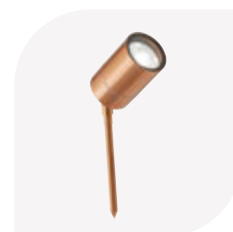
Matching  
Acero GU10 Wall Lights  
see p266 and p277



Connected by  
**WiZ**



Black



Copper

INPUT	HERTZ	TEMP	CLASS	IP	IK
220/240V	50/60Hz	-10°C to 40°C	1	IP44	IK06

CODE	DESCRIPTION	MAX WATTAGE
AACERO/SL/BLK	GU10 LED - Black	50W GU10
AACERO/SL/COP	GU10 LED - Copper	
AACERO/SL/SSL	GU10 LED - Stainless Steel	



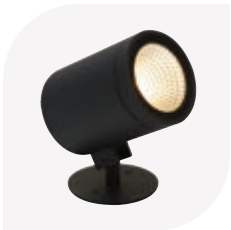
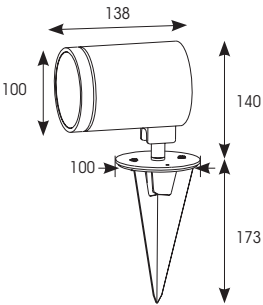




# Rondo Surface/Spike Light



- High performance LED feature light suitable for hospitality and retail applications
- Suitable for surface or spike mounting (spike accessory included)
- 40° beam angle
- Die-cast aluminium construction with textured graphite paint finish
- Pre-wired with 2 metres of H07RN-F cable
- Non-dimmable



Surface Mounting

INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP
220/240V	50/60Hz	-20°C to 40°C	L70 50,000	80	6	40°	1	IP65

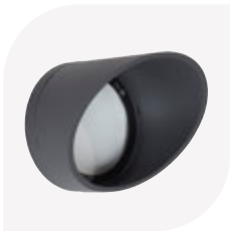
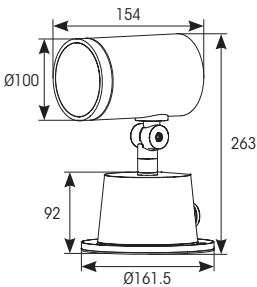
CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W
AROLEDSSS	Cool White	17W	4000K	1500lm	88lm/W



# Lazer Projector



- High performance LED projector light suitable for hospitality and retail applications
- Push fit loop-in loop-out for ease of installation
- Die-cast aluminium construction with textured graphite paint finish
- Hood accessory available
- Non-dimmable



Hood Accessory

INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP
220/240V	50/60Hz	-20°C to 40°C	L70 50,000	90	6	30°	1	IP66

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W
ALAZPLED2	Warm White	24W	3000K	2500lm	102lm/W

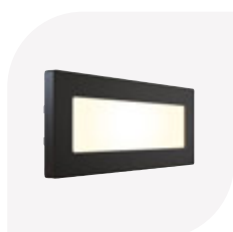
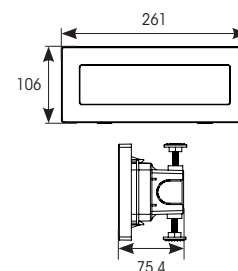
CODE (ACCESSORIES)	DESCRIPTION
ALAZPLED/H	Hood Accessory



# Mattone



- Universal polycarbonate LED bricklight suitable for residential and hospitality applications
- Plain frame or eyelid option in black and brushed chrome finishes
- Unique adjustable feet allows for installation into multiple brick apertures
- Polycarbonate construction ideal for coastal applications
- Pre-wired with 500mm of rubber insulated cable
- Supplied c/w installation housing for additional protection and ease of installation
- CCT selectable between 3000K and 4000K
- Non-dimmable



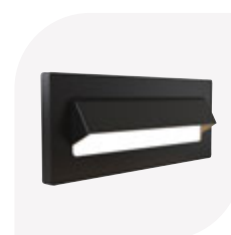
Matching Mattone  
Connected by WiZ  
see p59



Brushed Chrome finish



Installed with  
Surface Mounting Box (not  
available in brushed chrome)



Eyelid

INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP	IK
220/240V	50/60Hz	-10°C to 40°C	L70 54,000	80	6	100°	2	IP65	IK06

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W
AMATBLED	CCT Selectable - Black	2W	3000K/4000K	100lm (4000K)	51lm/W (4000K)
AMATB/EYE	CCT Selectable - Eyelid - Black				
AMATBLED/BC	CCT Selectable - Brushed Chrome				
AMATB/EYE/BC	CCT Selectable - Eyelid - Brushed Chrome				

CODE (ACCESSORIES)	DESCRIPTION
AMATB/SMB	Surface Mounted Box

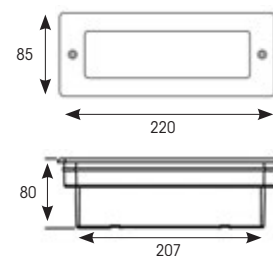




# Fidenza



- Recessed bricklight light suitable for commercial and residential applications
- Die-cast aluminium housing and front cover
- Frosted front glass
- Metal back box with cable entries for ease of installation
- Optional grill and hood front covers
- CCT selectable between 3000K and 4000K
- Non-dimmable



Grill Cover Fitted



Eyelid Cover Fitted

INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP	IK
220/240V	50/60Hz	-20°C to 25°C	L70 50,000	80	5	80/95°	1	IP65	IK02

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W
<b>AFBLLED</b>	CCT Selectable	2W	3000/4000K	150lm	66lm/W

CODE (ACCESSORIES)	DESCRIPTION
<b>AFBL/GRILL</b>	Front Grill Cover

CODE (ACCESSORIES)	DESCRIPTION
<b>AFBL/EYE</b>	Front Eyelid Cover







# FLOODLIGHTS

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Our range of asymmetrical and symmetrical floodlights are suitable for a wide range of outdoor settings including residential and industrial sites as well as sports grounds and car parks.

Built to withstand the elements, all products in the range have a minimum IP65 rating with Aztec Coastal products resilient enough for installation in corrosive areas such as swimming pools and coastal locations. Photocell and PIR options are available across the range, offering added control over output.

372

**COMMERCIAL**

382

**RESIDENTIAL**





# Asymmetrical vs Symmetrical Floodlights



## Asymmetrical

- Asymmetrical light is directed in front of the fixture and where illuminance is required
- Integrated advanced optics that allow to direct the light beam
- Ideal for use in built up areas such sports grounds, open car parks and tennis courts where light pollution for neighbouring properties is a consideration
- Asymmetrical floodlights are able to provide up to 50% better output utilisation into the intended illuminated area and achieve up to 50% less light pollution



## Direct upward light



## Symmetrical

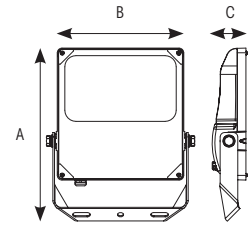
- Symmetrical light sources distribute light evenly in all directions,
- Suitable for general lighting of open spaces
- Ideal for installation in large spaces such as construction sites, outdoor storage and warehouse yards

**AZTEC LED**

## Asymmetrical



- High performance die-cast aluminium LED floodlight suitable for industrial applications
- High output, high efficiency asymmetric lens technology for anti-light pollution
- Pre-installed breathable gland prevents internal moisture accumulation
- Bracket design allows installation without removing mounting bracket
- High efficiency up to 143 Lm/W
- Pre-wired with 1.5 metre of rubber insulated cable for ease of installation
- Non-dimmable



INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP	IK
220/240V	50/60Hz	-30°C to 50°C	L80 54,000	70	5	60°x120°	1	IP66	IK08

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W	A	B	C	WINDAGE
AAZLED50/ASY	Daylight	50W	5000K	6800lm	136lm	267mm	190mm	55mm	0.07
AAZLED100/ASY		100W		14000lm	143lm	314mm	230mm	61mm	0.09
AAZLED150/ASY		150W		21000lm	141lm	360mm	260mm	67mm	0.11
AAZLED200/ASY		200W		28000lm	141lm	398mm	300mm	70mm	0.14
AAZLED300/ASY		300W		43000lm	142lm	470mm	363mm	80mm	0.2

CODE (OPTIONS)	DESCRIPTION
/PC	Electronic Photocell

CODE (ACCESSORIES)	DESCRIPTION
AAZLED/60PMA	60mm Pole Mount Adaptor
AAZLED/76PMA	76mm Pole Mount Adaptor

CODE (ACCESSORIES)	DESCRIPTION
AAZLED/40-90PCA	40-90mm Pole Clamp Accessory 50-150W
AAZLED/40-150PCA	40-150mm Pole Clamp Accessory 200W-300W



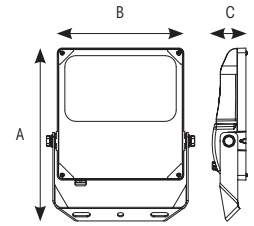




# AZTEC LED Symmetrical



- High performance die-cast aluminium LED floodlight with symmetrical light distribution suitable for industrial applications
- High output, high efficiency floodlight
- Pre-installed breathable gland prevents internal moisture accumulation
- Bracket design allows installation without removing mounting bracket
- High efficiency up to 148 Lm/W
- Pre-wired with 1.5 metre of rubber insulated cable for ease of installation
- Non-dimmable



INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP	IK
220/240V	50/60Hz	-30°C to 50°C	L80 54,000	70	5	115°	1	IP66	IK08

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W	A	B	C	WINDAGE
AAZLED50	Daylight	50W	5000K	7000lm	140lm	267mm	190mm	55mm	0.07
AAZLED100		100W		15000lm	148lm	314mm	230mm	61mm	0.09
AAZLED150		150W		22000lm	145lm	360mm	260mm	67mm	0.11
AAZLED200		200W		29000lm	143lm	398mm	300mm	70mm	0.14
AAZLED300		300W		44000lm	147lm	470mm	363mm	80mm	0.2

CODE (OPTIONS)	DESCRIPTION
/PC	Electronic Photocell

CODE (ACCESSORIES)	DESCRIPTION
AAZLED/60PMA	60mm Pole Mount Adaptor
AAZLED/76PMA	76mm Pole Mount Adaptor

CODE (ACCESSORIES)	DESCRIPTION
AAZLED/40-90PCA	40-90mm Pole Clamp Accessory 50-150W
AAZLED/40-150PCA	40-150mm Pole Clamp Accessory 200W-300W





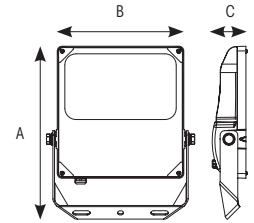


**AZTEC** LED  
**COASTAL**

## Asymmetrical



- High performance die-cast marine grade aluminium LED floodlight suitable for industrial and coastal applications
- 304L stainless steel mounting bracket and fixings
- Marine grade construction ideal for coastal and adverse weather, swimming pool and chemical plant applications
- High output, high efficiency asymmetric lens technology for anti-light pollution
- Pre-installed breathable gland prevents internal moisture accumulation
- Pre-wired with 1.5 metre of rubber insulated cable for ease of installation
- Concentrated saline 3,000 hour salt spray test to EN ISO 9227
- High purity aluminium construction, surface electrophoresis and corrosion-proof treatment
- Salt mist spray test verified
- Non-dimmable



INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP	IK
220/240V	50/60Hz	-30°C to 50°C	L80 B10 54,000	70	5	60°x120°	1	IP66	IK08

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W	A	B	C	WINDAGE
AAZCLED50/ASY	Daylight	50W	5000K	6800lm	136lm	267mm	190mm	55mm	0.07
AAZCLED100/ASY		100W		14000lm	143lm	314mm	230mm	61mm	0.09
AAZCLED150/ASY		150W		21000lm	141lm	360mm	260mm	67mm	0.11
AAZCLED200/ASY		200W		28000lm	141lm	398mm	300mm	70mm	0.14
AAZCLED300/ASY		300W		42500lm	142lm	470mm	363mm	80mm	0.2

CODE (OPTIONS)	DESCRIPTION
/PC	Electronic Photocell

CODE (ACCESSORIES)	DESCRIPTION
AAZLED/60PMA	60mm Pole Mount Adaptor
AAZLED/76PMA	76mm Pole Mount Adaptor

CODE (ACCESSORIES)	DESCRIPTION
AAZLED/40-90PCA	40-90mm Pole Clamp Accessory 50-150W
AAZLED/40-150PCA	40-150mm Pole Clamp Accessory 200W-300W





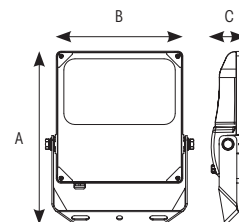


**AZTEC** LED  
**COASTAL**

## Symmetrical



- High performance die-cast marine grade aluminium luminaire with symmetrical light distribution suitable for industrial and coastal applications
- 304L stainless steel mounting bracket and fixings
- Suitable for highly corrosive environments; including coastal and swimming pool applications
- Pre-installed breathable gland prevents internal moisture accumulation
- Pre-wired with 1.5 metre of rubber insulated cable for ease of installation
- Concentrated saline 3,000 hour salt spray test to EN ISO 9227
- High purity aluminium construction, surface electrophoresis and corrosion-proof treatment
- Salt mist spray test verified
- Non-dimmable



INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP	IK
220/240V	50/60Hz	-30°C to 50°C	L80 B10 54,000	70	5	115°	1	IP66	IK08

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W	A	B	C	WINDAGE
AAZCLED50	Daylight	50W	5000K	7000lm	140lm	267mm	190mm	55mm	0.07
AAZCLED100		100W		14800lm	148lm	314mm	230mm	61mm	0.09
AAZCLED150		150W		21800lm	145lm	360mm	260mm	67mm	0.11
AAZCLED200		200W		28500lm	143lm	398mm	300mm	70mm	0.14
AAZCLED300		300W		44000lm	147lm	470mm	363mm	80mm	0.2

CODE (OPTIONS)	DESCRIPTION
/PC	Electronic Photocell

CODE (ACCESSORIES)	DESCRIPTION
AAZLED/60PMA	60mm Pole Mount Adaptor
AAZLED/76PMA	76mm Pole Mount Adaptor

CODE (ACCESSORIES)	DESCRIPTION
AAZLED/40-90PCA	40-90mm Pole Clamp Accessory 50-150W
AAZLED/40-150PCA	40-150mm Pole Clamp Accessory 200W-300W

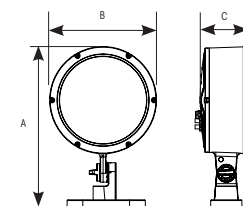




# Kamar



- High performance projector with a vast number of customisation options suitable for all commercial, hospitality, retail and industrial applications
- Die-cast construction provides sleek and modern appearance, perfect for architectural applications
- Beam angle options ranging from 8° up to 60° ensure suitability for most applications
- Multiple control options available, DALI (as standard), DMX and Casambi (35W and 100W only) as well as an extensive collection of CCT options (2000K, 2200K, 2700K, 3000K, 4000K, 5000K, TW, RGBW) provide complete control and light output for even the most complex of projects
- Low glare hood and honeycomb film accessories available for projects when glare optimisation and upward lighting are considerations

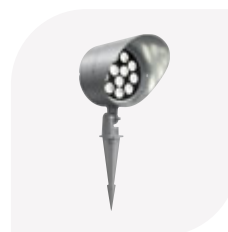


**OCTO**  
Option  
Available

Powered by  
**CASAMBI**



DIMENSIONS	A	B	C
<b>AKAR1</b>	330mm	219.5mm	100mm
<b>AKAR3</b>	452mm	450mm	160mm
<b>AKAR4</b>	452mm	450mm	160mm



Fitted with Hood and  
Spike Accessory



RGB

INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	CLASS	IP	IK
220/240V	50/60Hz	-30°C to 50°C	L70 54,000	80	1	IP66	IK08

MODEL	REVISION	CCT	BEAM ANGLE	CONTROLS
<b>AKAR1</b> 35W	<b>1</b>	<b>22</b> 2200K	<b>NB</b> 8° Symmetrical	<b>DD3</b> DALI
<b>AKAR3</b> 100W		<b>27</b> 2700K	<b>MB</b> 12° Symmetrical	<b>DMX</b> RDM DMX
<b>AKAR4</b> 150W		<b>30</b> 3000K	<b>WB</b> 30° Symmetrical	<b>OCTO</b> OCTO (35W and 100W only)
		<b>40</b> 4000K	<b>UWB</b> 60° Symmetrical	
		<b>50</b> 5000K	<b>ASY</b> 20° x 60° Asymmetrical	
		<b>TW</b> Tunable White		
		<b>RGBW27</b> RGBW & 2700K		
		<b>RGBW30</b> RGBW & 3000K		
		<b>RGBW40</b> RGBW & 4000K		

## SELECT A WATTAGE

Example - **AKAR1** = 35W

## SELECT A CCT OPTION

Example - **22** = 2200K

## SELECT A BEAM ANGLE OPTION

Example - **NB** = 8° Symmetrical

## SELECT A BEAM ANGLE OPTION

Example - **DD3** = DALI

CODE (ACCESSORIES)	DESCRIPTION
<b>AKAR1/1/SA</b>	Ground Spike Accessory
<b>AKAR1/1/CP/RGBW</b>	RGBW Connector Plug

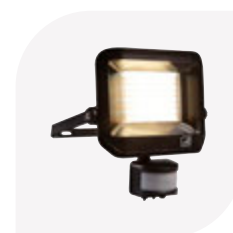
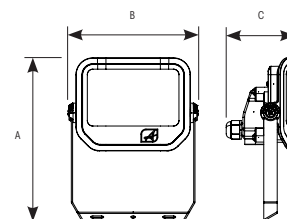
CODE (ACCESSORIES)	DESCRIPTION
<b>AKAR1/1/HA</b>	Hood Accessory (35W)
<b>AKAR2/1/HA</b>	Hood Accessory (100W & 150W)
<b>AAZLED/40-150PCA</b>	40-150mm Pole Clamp Accessory (100W & 150W)







- Modern slimline LED floodlight with sleek unique design suitable for residential and commercial applications
- Die-cast construction and heat sink design providing optimised thermal characteristics for optimum LED life and performance
- CCT selectable between 3000K, 4000K and 6000K
- Plug and play PIR complete with manual override facility
- Loop-in, loop-out junction back on the rear of the fitting
- Pre-installed breathable gland prevents internal moisture accumulation
- Bracket design allows installation without removing mounting bracket
- Black textured paint finish



20W fitted with  
PIR accessory

INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP	IK
220/240V	50/60Hz	-20°C to 40°C	L70 74,000	80	6	90°	1	IP65	IK06

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W	A	B	C	WINDAGE
ATEL10/1/B	CCT Selectable	10W	3000/ 4000K/ 6000K	900lm (4000K)	90lm/w (4000K)	193mm	153mm	81mm	0.03
ATEL20/1/B		20W		1700lm (4000K)	90lm/w (4000K)	225mm	188mm	81mm	0.04
ATEL30/1/B		30W		2900lm (4000K)	98lm/w (4000K)	225mm	188mm	81mm	0.04
ATEL50/1/B		50W		4600lm (4000K)	98lm/w (4000K)	252mm	218mm	81mm	0.05

CODE (ACCESSORIES)	DESCRIPTION
ATEL/PIR/B	Floodlight PIR Black





**TELIC**  
ATEL20/1/B



### CCT Selectable

Integral CCT switch allows the installer a choice of either 3000K, 4000K OR 6000K colour temperature options



### PIR Option

Modern floodlight with optional PIR attachment, which can be attached after installation without the need for extra wiring



### Easy Installation

Junction box with loop-in, loop-out terminal design eliminates need for separate connection box, giving you a fast and flexible installation, whilst reducing waste with no pre-leaded cable



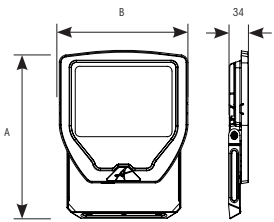
### Prismatic Diffuser

Prismatic diffuser design reduces glare and hides LEDs from view

# Calinor Evo



- Compact, slim and robust designed LED floodlight suitable for residential and commercial applications
- Polycarbonate front trim provides excellent corrosion resistance
- Toughened microprism glass for visual comfort, uniformity and durability
- Bracket design allows installation without removing mounting bracket
- Pre-wired with 1 metre of rubber insulated cable for ease of installation and easy integration with Floodbox accessory
- Breather gland acts to minimise risk of water ingress
- Polycarbonate spike accessory allowing installation into lawn and garden applications
- PIR versions complete with manual override facility
- Non-dimmable



PIR version

INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP	IK
220/240V	50/60Hz	-15°C to 40°C	L80 69,000	80	5	100°	1	IP65	IK06

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W	A	B	WINDAGE
ACAE10/1/CW/B	Cool White	10W	4000K	1100lm	112lm/W	147mm	100mm	0.02
ACAE20/1/CW/B		20W		2200lm	112lm/W	175mm	125mm	0.02
ACAE30/1/CW/B		30W		3300lm	110lm/W	195mm	146mm	0.03
ACAE50/1/CW/B		50W		5400lm	111lm/W	246mm	190mm	0.05

CODE (OPTIONS)	DESCRIPTION
/WW	Warm White Versions

CODE (OPTIONS)	DESCRIPTION
/PIR	PIR Versions

For PIR variant add 'PIR' onto the above product codes e.g. **ACAE10/1/CW/B/PIR**

CODE (ACCESSORIES)	DESCRIPTION
AMFLSA	Floodlighting Spike Accessory



## CALINOR EVO

ACAE30/1/CW/B



### Angled Bracket

Bracket design allows installation without removing mounting bracket saving installation time



### Slim Design

Slim design with 180° folding bracket provides sleek and modern appearance, whilst also reducing overall footprint



### High Efficiency

Delivering up to 110lm/W lowering energy costs compared with traditional floodlight fittings



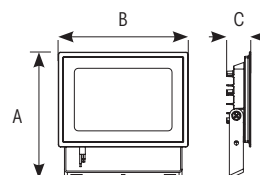
### Micro Prism Diffuser

Toughened microprism glass for visual comfort, uniformity and durability

# Eden



- Compact and economic aluminium LED floodlight suitable for semi commercial applications
- Bracket design allows installation without removing mounting bracket
- PIR versions complete with manual override facility (10W-50W only)
- Pre-wired with 1 metre of rubber insulated cable for ease of installation
- Polycarbonate spike accessory allowing installation into lawn and garden applications (10W-30W only)
- Non-dimmable



10 Metres  
10 Seconds - 7 Minutes  
3 - 2000 LUX  
Detection Angle - 120°



PIR option

INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP	IK
220/240V	50/60Hz	-20°C to 40°C	L80 54,000	80	5	110°	1	IP65/IP54(PIR)	IK06

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W	A	B	C	WINDAGE
AEDELED10/CW	Cool White	10W	4000K	950lm	95lm/W	117mm	114mm	29.5mm	0.02
AEDELED20/CW		20W		1800lm	92lm/W	132mm	138mm	30mm	0.02
AEDELED30/CW		30W		2800lm	92lm/W	163mm	167mm	31mm	0.03
AEDELED50/CW		50W		4400lm	87lm/W	175mm	197mm	35mm	0.04
AEDELED70/CW		70W		7000lm	100lm/W	218mm	241mm	36mm	0.05
AEDELED100/CW		100W		11000lm	113lm/W	276mm	285mm	44mm	0.08
AEDELED150/CW		150W		16500lm	110lm/W	328mm	347mm	53mm	0.12
AEDELED200/CW		200W		22000lm	113lm/W	366mm	390mm	62mm	0.15

For Warm white variant replace 'CW' with 'WW' into the above product codes e.g. **AEDELED10/WW**

CODE (OPTIONS)	DESCRIPTION	CODE (OPTIONS)	DESCRIPTION
/WW	Warm White Versions	/PIR	PIR Versions (only 10W-50W)

For PIR variant add 'PIR' onto the above product codes e.g. **AEDELED10/CW/PIR**

CODE (ACCESSORIES)	DESCRIPTION
AMFLSA	Floodlighting Spike Accessory

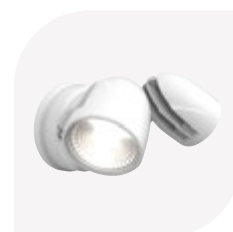
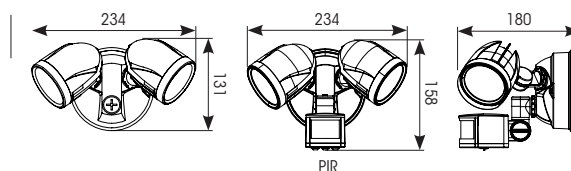




# Zeker



- Flexible, compact and economic aluminium LED twin head floodlight suitable for residential applications
- Twin adjustable heads provide greater flexibility and coverage
- Selectable CCT between 3000K, 4000K and 6000K
- PIR versions complete with 8hr manual override facility
- Non-dimmable



White

INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP
220/240V	50/60Hz	-20°C - 45°C	L70 54,000	80	6	90°	1	IP65/IP54(PIR)

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W
AZEKER/BL	CCT Selectable - Black	25W	3000K/4000K/6000K	2600lm (4000K)	106lm (4000K)
AZEKER/WH	CCT Selectable - White				
AZEKER/BL/PIR	CCT Selectable - Black - PIR				
AZEKER/WH/PIR	CCT Selectable - White - PIR				







# MINI

# FLOOD BOX



## 20mm Side and Top or Bottom Drill-outs

Side drill-outs for M20 multi-wiring, conduit entry or sensor applications making it easier to install



## M6 Universal Fixing Point

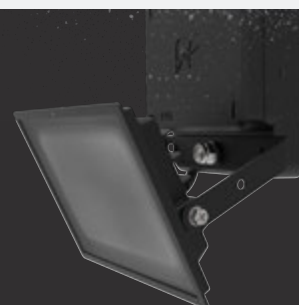
Combined with locking washer and shakeproof nut. Easy to use junction box design to be installed with a floodlight quickly and easily. M6 fixing point can be used at both the top and bottom of the Flood Box



## Flexible Installations

Polycarbonate enclosure is suitable for housing smart wireless controls and associated wiring. Provides flexibility when installing mini floodlights, allowing you to add on optional extras. Suitable for floodlights up to 5kg, this includes Eden and Calinor EVO

**\*Connectors not included**



## IP65 IK07 Rated Polycarbonate

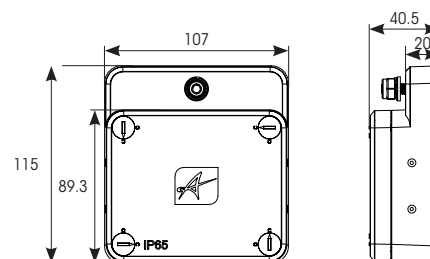
Ideal for coastal areas to house wireless controls and wiring without being damaged by the harsh weather conditions and is designed with UV stabilised polycarbonate with IK07 impact resistance



# IP65 Mini Floodlight Wall Box



- Unique, innovative IP65 adaptable installation box for mini floodlights (up to 5Kg)
- Universal mounting allows for neat, tidy and speedy installation
- Polycarbonate construction ideal for coastal and adverse weather applications
- Central M6 fixing bolt with locking washer and shakeproof nut
- 20mm side and top drill outs for conduit, cable gland or sensor mounting
- Generous, polycarbonate enclosure, suitable for housing smart wireless controls
- IK07 impact rating offers superior product durability
- Captive quick-release cover screws



CODE	DESCRIPTION	IP	IK
AMFLWB	IP65 Mini FloodBox	IP65	IK08



# STREETLIGHTS

---

Available in a selection of modern styles, our street lights are ideal for illuminating a variety of applications.

Choose from streetlights and post tops with G3 glare ratings, surge protection, electronic photocell and digital dimming options.

393

**POST TOPS**

399

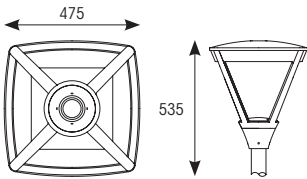
**STREET LIGHTS**

# Asuri



393

- Modern die-cast aluminium post top lantern suitable for hospitality and retail applications
- Electrostatic paint finish for enhanced corrosion resistance
- Ideal for large car parks and large open areas
- Adjustable spigot bracket 50-76mm supplied as standard
- Powered by Philips



only applies to 3000K variants

INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP	IK
220/240V	50/60Hz	-40° to 55°C	L70 50,000	70	5	135°	1	IP66	IK10

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W	WINDAGE
ASULED/1/CW	Cool White	42W	4000K	3300lm	80lm/W	0.08
ASULED/2/CW	Cool White	63W	4000K	4400lm	70lm/W	0.08
ASULED/1/WW	Warm White	42W	3000K	3000lm	77lm/W	0.08
ASULED/2/WW	Warm White	63W	3000K	4300lm	73lm/W	0.08

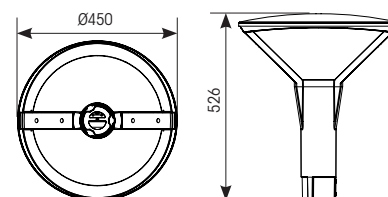
CODE (OPTIONS)	DESCRIPTION
/PC	Electronic Photocell



# Helix



- Modern die-cast aluminium post top lantern Ideal for large car parks and large open areas
- CCT selectable between 3000K and 4000K and power selectable; offering a choice of 4 outputs, in one luminaire
- Electrostatic paint finish for enhanced corrosion resistance
- Advanced lens technology providing optimum performance and control.
- Suitable for residential and commercial use
- 76mm spigot bracket



only applies to 3000K variants

INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP	IK
220/240V	50/60Hz	-30°C to 50°C	L80 100,000	70	4	145°	1	IP66	IK08

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W	WINDAGE
AHPT/1	CCT Selectable	20W - 75W	3000K/4000K	2500lm - 8800lm (4000K)	118lm (4000K)	0.24

CODE (OPTIONS)	DESCRIPTION
/DD	Digital Dimming (DD3)

CODE (ACCESSORIES)	DESCRIPTION
AHPT/1/60SBA	60mm Spigot Bracket Accessory



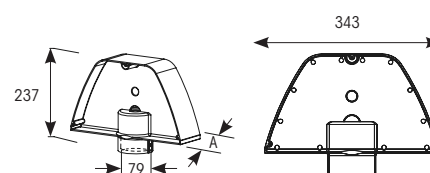




# Wolf Post Top



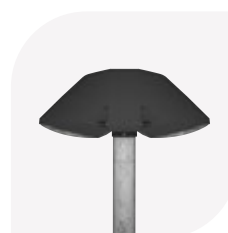
- Modern, robust die-cast aluminium low glare post top suitable for car parks and open areas
- Advanced lens technology offers wide distribution for optimum spacing and uniformity; whilst ensuring minimal uplight and light pollution
- Reduced light pollution with 0% upward light distribution, helps with compliance with Dark Skies recommendations
- Power selectable; offering a choice of 3 outputs, in one luminaire
- High efficiency up to 120 Lm/W
- Electrostatic paint finish for enhanced corrosion resistance
- 76mm spigot bracket
- Dimmable and Smart options available
- **Please note bulkhead and bracket are sold separately and both are required for installation to create post top product**



Powered by  
**CASAMBI**



Only applies to 3000K variant



Black - Twin



Silver Grey - Single

INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP	IK
220/240V	50/60Hz	-20°C to 40°C	L80 84,000	80	5	70/140°	1	IP65	IK10

CODE	DESCRIPTION	A
AWOLFB/S/BLK/1	Post Top Bracket - Single - Black	92mm
AWOLFB/S/SG/1	Post Top Bracket - Single - Silver Grey	
AWOLFB/D/BLK/1	Post Top Bracket - Double - Black	91mm
AWOLFB/D/SG/1	Post Top Bracket - Single - Silver Grey	

**STEP 1:** Select appropriate bracket from list above. e.g **AWOLFB/S/BLK/1** for a single bracket in black

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W
AWOLF/BLK	CCT Selectable - Black	18W/20W/30W	3000K/4000K	2200/2400/3600lm (4000K)	120lm (4000K)
AWOLF/SG	CCT Selectable - Silver Grey				

**STEP 2:** Select the correct Wolf Wallpack code from above. e.g **AWOLF/BLK**. Please note double brackets will require 2 bulkhead fittings for installation

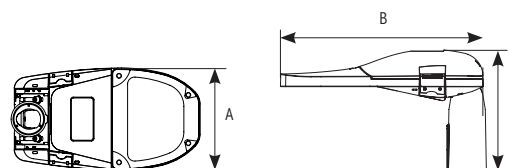








- Modern die-cast aluminium street light suitable for residential and commercial applications
- Die-cast aluminium construction for optimal heat dissipation and performance
- UV stabilized polycarbonate cover
- Toolless gear tray removal for ease of maintenance
- Built in anti-tamper isolation facility
- Compatible with post top or side entry utility 76mm spigot
- G3 Glare Rating
- Surge protection
- Available in standard, complete with photocell option



Adjustable 48-60mm  
Spigot Bracket

INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP	IK
220/240V	50/60Hz	-20 to 50°C	L70 50,000	70	5	120°x70°	1	IP66	IK08

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W	WINDAGE	A	B	C
AONIXLED/1	Cool White	14W	5000K	2000lm	150lm/W	0.04	220mm	400mm	237mm
AONIXLED/2		27W		3900lm			220mm	400mm	237mm
AONIXLED/3		41W		6200lm		0.07	281mm	550mm	243mm
AONIXLED/4		55W		8200lm			281mm	550mm	243mm

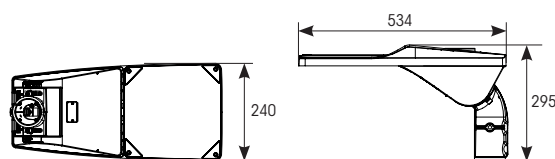
CODE (OPTIONS)	DESCRIPTION
/PC	Electronic Photocell

CODE (ACCESSORIES)	DESCRIPTION
AONIXLED/SBA	48-60mm Spigot Bracket
AONIXLED/WB	Wall Bracket

# Magna



- Modern die-cast aluminium street light suitable for residential and commercial applications
- Die-cast aluminium construction for optimal heat dissipation and performance
- UV stabilized polycarbonate cover
- Toolless gear tray removal for ease of maintenance
- Built in anti-tamper isolation facility
- Compatible with post top or side entry utility 76mm spigot
- Advanced lens technology providing optimum performance and control.
- G3 Glare Rating
- Surge protection
- Available in standard, complete with photocell option



only applies to 3000K variants



Side entry utility 76mm  
Spigot Bracket

INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP	IK
220/240V	50/60Hz	-30°C to 50°C	L80 100,000	70	3	50°x140°	1	IP66	IK09

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W	WINDAGE
AMAGLED/1	Cool White	30W	4000K	5300lm	152lm/W	0.16
AMAGLED/2		50W		7800lm	152lm/W	
AMAGLED/3		70W		11000lm	151lm/W	
AMAGLED/1/WW	Warm White	30W	3000K	4700lm	150lm/W	0.16
AMAGLED/2/WW		50W		7700lm	152lm/W	
AMAGLED/3/WW		70W		10500lm	148lm/W	

CODE (OPTIONS)	DESCRIPTION
/PC	Electronic Photocell

CODE (ACCESSORIES)	DESCRIPTION
AMAGLED/60SBA	60mm Spigot Bracket





# HIGH LOW BAY

---

From racking aisles to workshops or even car showrooms, our high/lowbay luminaires are ideal for commercial, retail and industrial settings.

They are robust and resilient, and come with warranty period of up to 6 years, for added peace of mind. A range of options and accessories are available across the collection including emergency, OCTO smart control, digital dimming and microwave sensors.

405

**HIGHBAY**

410

**HIGHBAY LINEAR**

415

**DECORATIVE  
HIGHBAY**



High/lowbays are designed to illuminate open areas and racking aisles and are ideal for commercial, retail and industrial settings. From high performance to more economical options, our luminaires are suitable for a wide range of applications with optional extras to ensure optimum results.



## Z LED **PLUS**

High efficiency (200+lm/W), 1-10V Dimmable as standard, IP65



## Z LED **PERFORMANCE**

Multiple Optics (accessory),  
1-10V Dimmable as standard, IP65



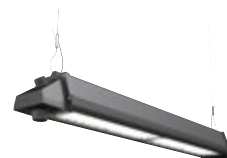
## Z LED **ECO**

IP65



## Z LED **opti-X**

1-10V Dimmable as standard, Multi-beam angle,  
Multi-wattage, IP65



## Z LED **LINEAR**

1-10V Dimmable as standard, IP65



## **FORCE** **LINE** LED

High Impact Resistance, IP65



## **OPTI-LINEAR**

1-10V Dimmable as standard, IP20





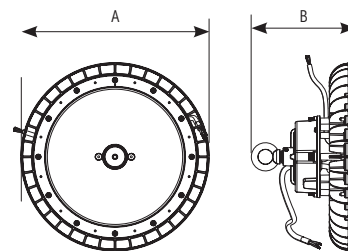


# Z LED PLUS



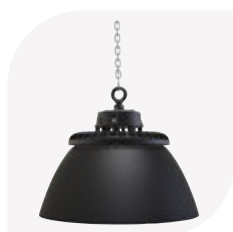
405

- Industry leading super high efficiency (200 lm/W minimum) robust LED low/high bay suitable for industrial, commercial and retail applications
- Overall power consumptions reduced to offer traditional light output comparable to 100W, 150W and 200W but offering more accelerated energy savings
- High specification IP65 and IK08 ratings
- Die-cast powder coated construction and heatsink for optimum thermals and performance
- Alternative installation options by means of drop rods, jack chain and catenary wire.
- Bracket accessories available for ceiling or wall mounting
- Pre-wired with 3M of H05RN-F cable for ease and speed of installation
- 1-10V dimmable as standard

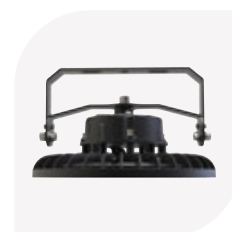


**OCTO**  
Option  
Available

Powered by  
**CASAMBI**



AZLEDPLUS/REF -  
Aluminium Reflector



AZLEDPLUS/FB1 -  
Mounting Bracket

INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP	IK
220/240V	50/60Hz	-35°C to 50°C	L80 100,000	70	4	110°	1	IP65	IK08

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W	A	B
AZLEDPLUS/1		75W		15000lm		265mm	152mm
AZLEDPLUS/2	Cool White	115W	4000K	23000lm	200lm	265mm	152mm
AZLEDPLUS/3		150W		30000lm		300mm	162mm

\* For Daylight variant add 'DL' at the end of the above codes e.g. **AZLEDPLUS/1/DL**

CODE (OPTIONS)	DESCRIPTION
/DL	Daylight Versions
/M3	Emergency
/OCTO	OCTO Smart Control
/DD	Digital Dimming (DD3)
/MWS	Microwave Sensor

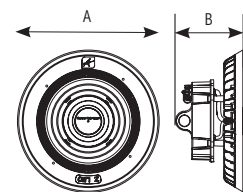
CODE (ACCESSORIES)	DESCRIPTION
AZLEDPLUS/REF1	Z LED PLUS 1 & 2 High Bay Aluminium Reflector
AZLEDPLUS/REF2	Z LED PLUS 3 High Bay Aluminium Reflector
AZLEDPLUS/FB1	Z LED PLUS High Bay Mounting Bracket



# Z LED PERFORMANCE



- Robust, high efficacy, LED low/high bay for industrial, commercial and retail applications
- CCT selectable between 4000K, 5000K and 6500K
- Intelligent plug and play emergency pack option offers a quick and simple conversion from standard to emergency highbay
- Plug and play microwave and PIR sensor options, offering maximum energy saving
- Die-cast powder coated construction and heatsink for optimum thermals and performance
- Alternative installation options by means of jack chain and catenary wire
- Additional 55° narrow lens option ideal for racking aisles
- Bracket accessories available for ceiling or wall mounting
- Pre-wired with 1.5M of H07RN-F cable for ease and speed of installation
- 1-10V dimmable as standard
- Integrated 6kV surge protection



INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP	IK
220/240V	50/60Hz	-20°C to 40°C	L90 50,000	80	6	120°	1	IP65	IK10

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W	A	B
AZLP1/1	CCT Selectable	100W	4000K/5000K/6500K	18000lm	180lm/W	255mm	124mm
AZLP2/1		150W		27000lm		310mm	130mm
AZLP3/1		200W		36000lm		355mm	135mm

CODE (OPTIONS)	DESCRIPTION
/DD	Digital Dimming (DD3)

CODE (OPTIONS)	DESCRIPTION
/OCTO	OCTO Smart Control

CODE (ACCESSORIES)	DESCRIPTION
AHHB/1	Hawk Highbay Emergency Kit
AZLP/MWS	Z LED Performance Plug-in MWS Sensor
AZLP/PIR	Z LED Performance Plug-in PIR Sensor
AZLP/P	Z-LED Performance Sensor Programmer
AZLP/FB1/1	Z LED Performance 1 Mounting Bracket
AZLP/FB2/1	Z LED Performance 2 Mounting Bracket
AZLP/FB3/1	Z LED Performance 3 Mounting Bracket

CODE (ACCESSORIES)	DESCRIPTION
AZLP1/REF/1	Z LED Performance 1 Aluminium Reflector
AZLP2/REF/1	Z LED Performance 2 Aluminium Reflector
AZLP3/REF/1	Z LED Performance 3 Aluminium Reflector
AZLP1/L55	Z-LED Performance 1 High Bay 55° Lens
AZLP2/L55	Z-LED Performance 2 High Bay 55° Lens
AZLP3/L55	Z-LED Performance 3 High Bay 55° Lens



# Z LED PERFORMANCE

407

FITTED WITH **HAWK HIGHBAY** EMERGENCY KIT

Super fast install utilising speedy terminals and pre-wired connection

IP65 Self-Test/DALI and OCTO Insight Wireless Emergency pack

Innovative heat shield disperses heat around and away from the Hawk Emergency pack

Easy plug-in emergency plug and socket

Heavy duty snap-hook allows for fast and secure installations; also ensuring perfect weight distribution for horizontal hanging

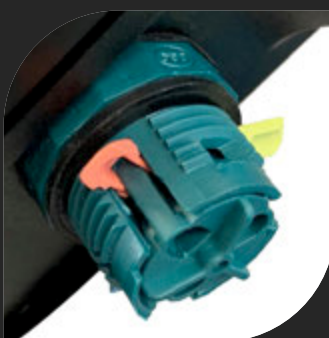


IP65 plug-in programmable PIR and microwave sensor options, with built-in daylight sensor, provides flexible controls for all applications



## Self-Test Indicator

Self-Test indicator provides instant and clear reading, ensuring a quick and simple testing process



## Lever Terminals

Fast fit lever terminals ensure a quick and easy installation



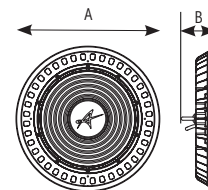
## CCT Switch

**Easily accessible** CCT switch placement ensures easy selection during installation

# Z LED **ECO**



- Sleek and robust LED low/high bay for industrial applications and ancillary areas
- Die-cast powder coated construction and heatsink for optimum thermals and performance
- Lensed diffuser design helps to control the beam angle, offering better light distribution
- High efficiency up to 120lm/w
- Integral on-board driver reduces the overall size and weight of product, resulting in a slim, lightweight and easy to install unit
- Installation eye-bolt supplied as standard
- Alternative installation options by means of drop rods, jack chain and catenary wire.
- IP66 and IK09 ratings
- Pre-wired with 1M of H05RN-F cable for ease and speed of installation



INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP	IK
220/240V	50/60Hz	-45°C to 45°C	L80 54,000	80	6	90°	1	IP66	IK09

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W	A	B
AZLE1/1/CW	Cool White	100W	4000K	11000lm	120lm/W	253mm	80mm
AZLE2/1/CW		150W		17500lm		308mm	84mm
AZLE3/1/CW		200W		23500lm		354mm	87mm

\* For Daylight variant replace 'CW' with 'DL' into the above codes e.g. **AZLE1/1/DL**

CODE (OPTIONS)	DESCRIPTION
/DL	Daylight Versions



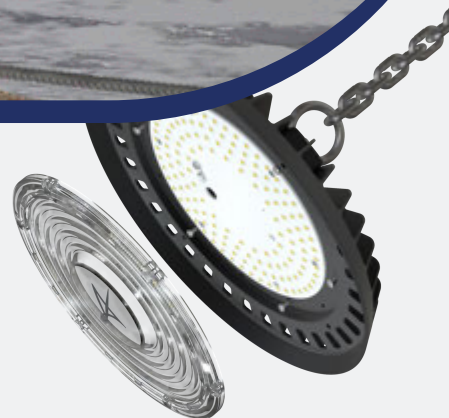
## Z LED ECO

AZLE1/1/CW



### Installation Options

High bay can be installed by means of drop rods, jack chain and catenary wire, providing flexibility depending on the ceiling type



### High Efficiency

Offering up to 120lm/W the ZLED ECO is more energy efficient than traditional high bay fittings, reducing energy consumption and lowering running costs.



### Lensed Diffuser

Provides more controlled beam angle and improved light distribution ensuring applications are lit effectively



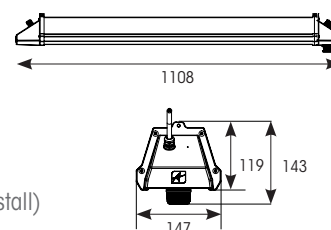
### Driver on Board

Providing a slim and lightweight high bay that is easy to install

# Z LED opti-X



- Powerful and durable multi-wattage and multi-beam angle surface-mounted IP65 linear high bay, perfect for the demands of all industrial applications, including warehouses, sorting areas, and production facilities
- Enhanced functionality with two switches, allowing users to adjust the output between 100W, 150W, and 200W and change the angle between four beam angle options: 40x80 / 50x100 / 70x120 / 100x120. This adaptability fits perfectly in diverse applications, such as in rented warehouses, where end-users can modify the installation to their specific needs with a simple switch change
- Versatile installations at different heights possible when utilising the multi-output feature, catering to various racking heights and open areas, thanks to the changeable optic
- All-in-one solution for multiple projects with just one item to stock, providing cost-efficiency and convenience
- Surface mounting possible with AZPLLED/LC accessory
- 1.5m Suspension kit supplied as standard
- Die-cast aluminium construction provides enhanced thermal performance for longer LED lifespan
- Plug and play microwave sensor option, offering maximum energy saving
- 0/1-10V dimmable as standard (installer must drill through pilot hole and use an IP rated gland on install)



Powered by  
**CASAMBI**

INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP	IK
220/240V	50/60Hz	-30°C to 40°C	L80 60,000	80	3	40-120° *	1	IP65	IK10

\* Narrow = 40°/80° Medium = 50°/100° Wide = 70°/120° Very Wide = 100°/120°

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W
AZLX/1/CW	Cool White	100W/150W/200W	5000K	17000lm / 24000lm / 30000lm	150lm

CODE (OPTIONS)	DESCRIPTION
/SM3	Self-Test Emergency
/DD	Digital Dimming (DD3)
/OCTO	OCTO Smart Control

CODE (ACCESSORIES)	DESCRIPTION
AZPLLED/MWS	High Bay Plug-in Microwave sensor
AZPLLED/LC	High Bay Linking Connector
AZPLLED/MWSP	High Bay Microwave Sensor Programmer





# Z LED opti-X

## Microwave Sensor

Microwave sensor option improves overall functionality and provides great energy saving benefits.

- IP65 Rated Enclosure.
- Upto 12M Mounting height ideal for low and high level applications.
- Detection Radius of 8M.
- Programmable by remote – options include, hold time, stand by dim level, daylight sensor and many more. (\*not daylight harvesting)



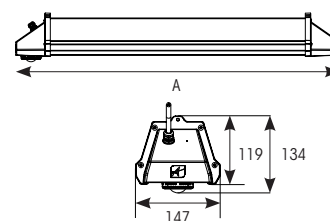
## Multi...functional

Multi-wattage and Multi-beam angle selectable ensures suitability for a range of applications.

# Z LED LINEAR



- Powerful and durable surface mounted IP65 linear high bay, perfect for the demands of industrial applications
- Surface mounting possible with AZPLLED/LC accessory
- 1.5m Suspension kit supplied as standard
- Die-cast aluminium construction provides enhanced thermal performance for longer LED lifespan
- Plug and play microwave sensor option, offering maximum energy saving
- 0/1-10V dimmable as standard



Powered by  
**CASAMBI**



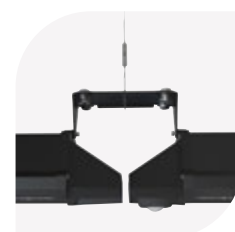
AZPLLED/MWS -  
Microwave Sensor

## Microwave Sensor

- IP65 Rated Enclosure.
- Upto 12M Mounting height ideal for low and high level applications.
- Detection Radius of 8M.
- Programmable by remote – options include, hold time, stand by dim level, daylight sensor and many more. (\*not daylight harvesting)



Suitable for  
surface mounting



AZPLLED/LC -  
Linking Connector

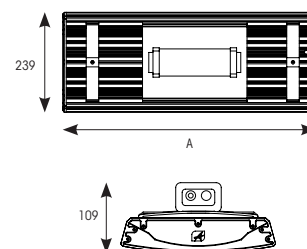
INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP	IK
220/240V	50/60Hz	-30°C to 40°C	L80 54,000	80	5	25/115°	1	IP65	IK10

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W	A
AZPLLED/1		100W		14000lm		658mm
AZPLLED/2	Cool White	150W	5000K	21000lm	140lm	890mm
AZPLLED/3		200W		28000lm		1122mm

CODE (OPTIONS)	DESCRIPTION
/M3	Emergency
/DD	Digital Dimming (DD3)
/OCTO	OCTO Smart Control

CODE (ACCESSORIES)	DESCRIPTION
AZPLLED/MWS	High Bay Plug-in Microwave sensor
AZPLLED/LC	High Bay Linking Connector
AZPLLED/MWSP	High Bay Microwave Sensor Programmer

- Powerful and robust IP65 low/high bay suitable for industrial applications
- Mounting brackets supplied as standard for droptrod or chain/wire installation (suspension kit not included)
- Die-cast aluminium construction provides enhanced thermal performance for longer LED lifespan
- Anti-glare polycarbonate diffuser maximises performance and light output
- Powered by Philips



Powered by  
**CASAMBI**



INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP	IK
220/240V	50/60Hz	-20°C to 25°C	L80 60,000	80	5	105°	1	IP65	IK09

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W	A
<b>AFLLED2</b>	Cool White - 600mm	150W	4000K	16500lm	110lm/W	600mm
<b>AFLLED4</b>	Cool White - 1200mm	240W		31000lm	130lm/W	1200mm

CODE (OPTIONS)	DESCRIPTION	CODE (OPTIONS)	DESCRIPTION
<b>/M3</b>	Emergency	<b>/MWS</b>	Integral Microwave Sensor
<b>/DD</b>	Digital Dimming (AFLLED2 DD3/DD4) (AFLLED4 DD4)	<b>/OCTO</b>	OCTO Smart Control

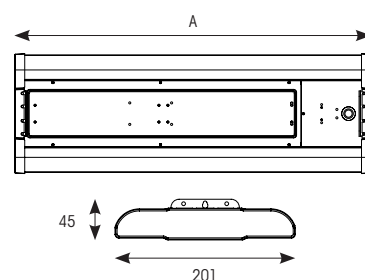
CODE (ACCESSORIES)	DESCRIPTION
<b>AZLED/MWSP</b>	High Bay Microwave Sensor Programmer

\*AZLED/MWSP required to programme on site. This product is no longer supplied with an inbuilt dipswitch.

# Opti-Linear



- LED low bay suitable for industrial and commercial applications
- Ideal for any retro-fit applications replacing any traditional light sources
- Fast install/wiring via access hatch on the back of the product with push fit terminals
- Instant light output and unlimited switching
- Supplied c/w 1.5 metre catenary suspension kit
- Mild Steel powder coat construction
- 1-10V dimmable as standard



INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP	IK
220/240V	50/60Hz	-30°C to 45°C	L80 54,000	80	5	50/100°	1	IP20	IK08

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W	A
AOLLBLED/1	Cool White	77W	4000K	11000lm	144lm	597mm
AOLLBLED/2		156W		21000lm	134lm	1197mm
AOLLBLED/3		202W		26000lm	131lm	1197mm

CODE (OPTIONS)	DESCRIPTION	CODE (OPTIONS)	DESCRIPTION
/M3	Self-Test Emergency	/MWS	Integral Microwave Sensor

CODE (ACCESSORIES)	DESCRIPTION
AZLED/MWSP	High Bay Microwave Sensor Programmer

\* AZLED/MWSP required to programme on site. This product is no longer supplied with an inbuilt dipswitch.

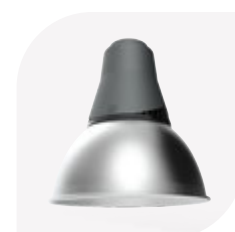
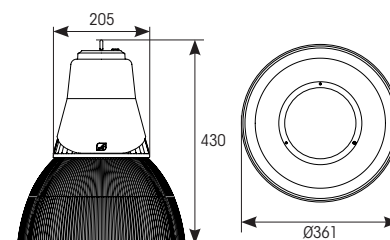


# Deco High Bay



415

- Decorative modern LED CCT selectable pendant suitable for industrial, commercial and retail applications
- Supplied with either polycarbonate refractor or aluminium reflector
- Matt grey textured powder coated finish



Aluminium reflector

INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP	IK
220/240V	50/60Hz	-20 to 25°C	L70 54,000	80	5	65°	1	IP20	IK06

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W
ADHBLED1/PC	CCT Selectable - c/w PC Refractor	40W	3000K/4000K	4600lm (4000K)	116lm/W (4000K)
ADHBLED2/PC		96W		10500lm (4000K)	
ADHBLED1/ALU	CCT Selectable - c/w Aluminium Reflector	40W	3000K/4000K	4500lm (4000K)	112lm/W (4000K)
ADHBLED2/ALU		96W		11500lm (4000K)	119lm/W (4000K)

CODE (OPTIONS)	DESCRIPTION
/DD	Digital Dimming (DD1/DD3)

CODE (ACCESSORIES)	DESCRIPTION
ADHBLED/PC/BC	PC Bottom Cover (360mm)
ADHBLED/SK	Suspension Kit





# BATTENS AND WEATHERPROOFS

Whether you're looking for a robust lighting solution for industrial buildings, storerooms, car parks or other challenging spaces, we have right product for you. Our resilient range of weatherproofs come with IP65 rating as standard and offer warranties of up to 7 years for additional peace of mind.

Our battens are available in a wide choice of options, offering you a choice of CCT selectability, multi-wattage, OCTO smart control, dimmable and sensor functionality.

417



IP69K

418



WEATHERPROOFS

424



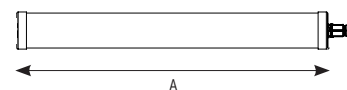
BATTENS

# Apex

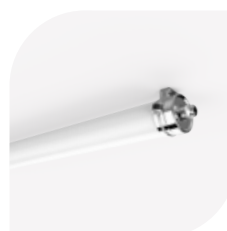


417

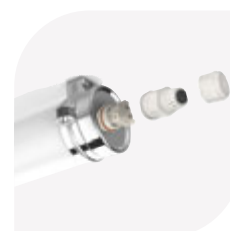
- Industrial IP69K tubular surface or suspended Ideal for harsh applications such as garages, food industry, chemical plants and agriculture
- IP69K rating allows cleaning with high pressure and high temperature water
- 316 Marine grade stainless steel end caps and fixings
- PMMA IK09 body, resistant to mechanical stress
- Quick and easy electrical connection without opening the luminaire
- Fast latching stainless steel mounting brackets provided, with optional suspension kit for versatile mounting
- Non-dimmable



AAPEXLED/4 fitted with AAPEXLED/SK



AAPEXLED/4 Surface Mounted



Screwless, fast-fit terminals for ease and speed of installation

INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP	IK
220/240V	50/60Hz	-20°C to 40°C	L80 60,000	80	3	100/130°	1	IP69K	IK09

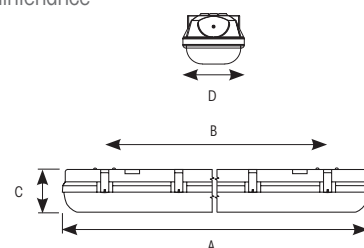
CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W	A
AAPEXLED/4	Cool White - 1200mm	35W	4000K	5700lm	162lm/W	1200mm
AAPEXLED/5	Cool White - 1500mm	45W	4000K	7700lm	170lm/W	1500mm

CODE (ACCESSORIES)	DESCRIPTION
AAPEXLED/SK	Suspension Kit





- Ultra slim IP65 LED robust non-corrosive batten ideal for industrial applications and ancillary areas
- High efficiency up to 161 Lm/W
- Unique base design caters for multiple installation methods
- Installer friendly embedded features aid accurate and fast installation for any application
- Quick release LED array / gear tray assembly provides the installer the means to faster installation / maintenance
- Fast latching / permanently located stainless steel side clips ensure a quick and secure connection
- Tested and approved to BSEN60598-2-24. For use in areas at risk of fire due to combustible dusts or fibers - applications such as hay storage, feed, riding halls, industrial buildings, and warehouses
- Self-test emergency option with Li-ion battery technology, reducing charge time and running costs
- High output 5ft options available
- Powered by Tridonic



Powered by  
**CASAMBI**

INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP	IK
220/240V	50/60Hz	-10°C - 40°C	L80 54,000	80	3	100/120°	1	IP65	IK07

CODE	DESCRIPTION	WATAGE	CCT	LUMENS	LM/W	A	B	C	D
<b>ATORPLED4</b>	Cool White - 1 x 1200mm	20W	4000K	2300lm	117lm/W	1265mm	860mm	70mm	85mm
<b>ATORPLED5</b>	Cool White - 1 x 1500mm	29W	4000K	3200lm	111lm/W	1565mm	960mm	70mm	85mm
<b>ATORPLED6</b>	Cool White - 1 x 1800mm	35W	4000K	3700lm	106lm/W	1865mm	1200mm	70mm	85mm
<b>ATORPLED2X4</b>	Cool White - 2 x 1200mm	41W	4000K	4500lm	109lm/W	1265mm	860mm	70mm	115mm
<b>ATORPLED2X5</b>	Cool White - 2 x 1500mm	61W	4000K	6300lm	103lm/W	1565mm	960mm	70mm	115mm
<b>ATORPLED2X6</b>	Cool White - 2 x 1800mm	78W	4000K	8200lm	105lm/W	1865mm	1200mm	70mm	115mm
<b>ATORPLED2X5/HO/1</b>	Cool White - 2 x 1500mm - HO	79W	4000K	13000lm	161lm/W	1565mm	960mm	70mm	115mm
<b>ATORPLED2X5/HO/2</b>	Cool White - 2 x 1500mm - HO	115W	4000K	18000lm	158lm/W	1565mm	960mm	70mm	115mm

CODE (OPTIONS)	DESCRIPTION
<b>/M3</b>	Emergency (Self Test as standard)
<b>/DM3</b>	DALI Emergency
<b>/OCTO</b>	OCTO Smart Control

CODE (OPTIONS)	DESCRIPTION
<b>/DD</b>	Digital Dimming (DD1/DD3/DD4)
<b>/MWS</b>	Integral Microwave Sensor
<b>/CF</b>	Corridor Function

CODE (ACCESSORIES)	DESCRIPTION
<b>ATORPLED/SSKIT/SINGLE</b>	316L Stainless Steel Kit Single
<b>ATORPLED/SSKIT/TWIN</b>	316L Stainless Steel Kit Twin





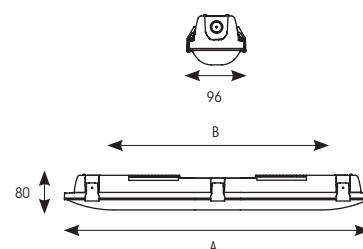
# TORNADO

## EVO

ELEMENT PROTECTION



- IP65 non-corrosive batten suitable for industrial applications and ancillary areas
- High efficiency up to 160 Lm/W
- CCT selectable between 4000K, 5000K and 6500K and power selectable; offering a choice of 2 outputs, in one luminaire
- Slim sloped diffuser design creates sleek appearance and offers greater light distribution
- LED performance allows point-to-point replacement of existing fluorescent luminaires
- Lockable heavy-duty stainless steel clips supplied as standard for added safety and security
- Whole luminaire illuminates during emergency operation rather than a small area, allowing less emergency versions required on an installation



OCTO  
Option  
Available

Powered by  
**CASAMBI**



INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP	IK
220/240V	50/60Hz	-20°C to 40°C	L80 100,000	80	3	120°	1	IP65	IK08

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W	A	B
ATORE2/1	CCT Selectable - 600mm	9W/18W	4000K/5000K/6500K	1600lm - 3100lm (4000K)	160lm/W (4000K)	600mm	280mm
ATORE4/1	CCT Selectable - 1200mm	20W/40W		3100lm - 6200lm (4000K)		1200mm	840mm
ATORE5/1	CCT Selectable - 1500mm	30W/60W		4700lm - 9300lm (4000K)		1500mm	1040mm
ATORE6/1	CCT Selectable - 1800mm	35W/70W		5400lm - 10800lm (4000K)		1800mm	1353mm

CODE (OPTIONS)	DESCRIPTION
/SM3	Self-Test Emergency
/DM3	DALI Emergency
/OCTO	OCTO Smart Control

CODE (OPTIONS)	DESCRIPTION
/DD	Digital Dimming (DD1/DD3/DD4)
/MWS	Integral Microwave Sensor
/CF	Corridor Function





## TORNADO EVO

ATORE6/1



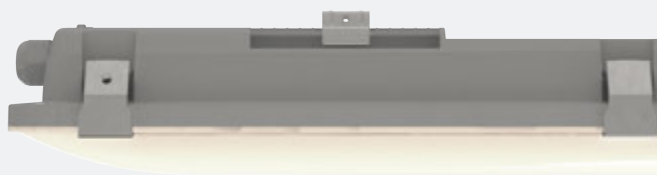
### Multi CCT and Wattage

Dual power selectable with 4000/5000K and 6500K colour temperature options



### Range of Sizes

Available in 2ft, 4ft, 5ft and 6ft options in a single body size luminaire with high and low output versions



### Sloped Design

Sloped diffuser design provides sleek appearance and enhanced light distribution



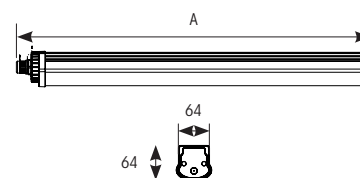
### Slim and Efficient

Upto 160lm/W inside a slender profile offers an efficient luminaire suitable for many applications

# Thunder ECO



- Robust, high performance LED non-corrosive suitable for ancillary areas and industrial applications
- Power selectable; offering high and low output option in each length
- Twist off end cap and push fit terminals aid fast and easy installation
- Supplied complete with versatile stainless steel mounting clips. Clips can be located anywhere along the spine of the luminaire
- Non-dimmable



Cable Entry Point

INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP	IK
220/240V	50/60Hz	-20°C to 40°C	L80 54,000	80	6	100/140°	1	IP65	IK08

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W	A
<b>ATHECO2/CW</b>	Cool White - 1 x 600mm	10W - 19W		1200lm - 2100lm	121lm/W - 109lm/W	635mm
<b>ATHECO4/CW</b>	Cool White - 1 x 1200mm	21W - 31W	4000K	2800lm - 3900lm	131lm/W - 124lm/W	1235mm
<b>ATHECO5/CW</b>	Cool White - 1 x 1500mm	32W - 47W		4300lm - 5900lm	133lm/W - 124lm/W	1535mm
<b>ATHECO2/DL</b>	Daylight - 1 x 600mm	10W - 19W		1200lm - 2100lm	123lm/W - 112lm/W	635mm
<b>ATHECO4/DL</b>	Daylight - 1 x 1200mm	21W - 31W	6500K	2700lm - 3800lm	126lm/W - 118lm/W	1235mm
<b>ATHECO5/DL</b>	Daylight - 1 x 1500mm	32W - 47W		4100lm - 5800lm	131lm/W - 122lm/W	1535mm

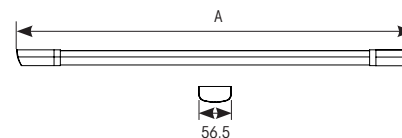


# Ecoline



423

- Slim, robust economic LED batten suitable for ancillary areas and industrial applications
- Excellent light uniformity through high transmittance polycarbonate diffuser
- Supplied complete with versatile mounting clips. Clips can be located anywhere along the spine of the luminaire
- CCT selector conveniently located under batten end cap
- Selectable CCT between 3000K, 4000K and 6500K
- Pre-wired with 600mm cable
- Non-dimmable



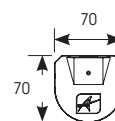
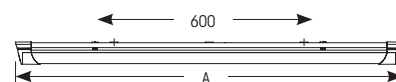
INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP	IK
220/240V	50/60Hz	-20°C to 40°C	L70 50,000	80	6	120°	2	IP20	IK06

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W	A
AECOLN/CCT/2	CCT Selectable - 600mm	18W		2000lm (4000K)	110lm/W (4000K)	690mm
AECOLN/CCT/4	CCT Selectable - 1200mm	30W	3000K/4000K/6500K	3900lm (4000K)	130lm/W (4000K)	1200mm
AECOLN/CCT/5	CCT Selectable - 1500mm	35W		4700lm (4000K)	134lm/W (4000K)	1500mm



# Topline EVO

- High performance, multi-wattage LED CCT batten suitable for industrial and multi-purpose applications
- Selectable CCT between 3000K, 4000K and 5700K
- High efficiency up to 140 lm/W
- Power selectable; offering high and low output option in each length
- Excellent light uniformity through high transmittance polycarbonate diffuser
- Instant light output with unlimited switching
- Innovative spring clip gear tray release aids fast and easy installation
- Self-test, lithium emergency option
- Dimmable and Smart options available
- Powered by Tridonic



Powered by  
**CASAMBI**



INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP	IK
220/240V	50/60Hz	-10°C to 40°C	L80 54,000	Ra 80	6	105/140°	1	IP20	IK06

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W	A
ATLEVO4	CCT Selectable - 1200mm	18W - 31W		2500lm - 4300lm (4000K)		1224mm
ATLEVO5	CCT Selectable - 1500mm	24W - 43W	3000K/4000K/5700K	3300lm - 6000lm (4000K)	140lm/W	1527mm
ATLEVO6	CCT Selectable - 1800mm	32W - 56W		4400lm - 7800lm (4000K)		1747mm

CODE (OPTIONS)	DESCRIPTION
/SM3	Self-Test Emergency
/DM3	DALI Emergency
/OCTO	OCTO Smart Control

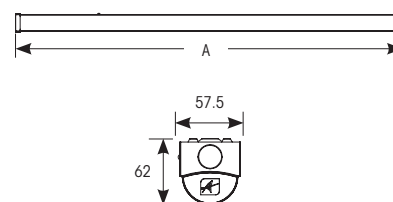
CODE (OPTIONS)	DESCRIPTION
/DD	Digital Dimming (DD1/DD3/DD4)
/MWS	Integral Microwave Sensor
/CF	Corridor Function



# NouLine



- High performance LED batten suitable for industrial applications and ancillary areas
- Selectable CCT between 3000K, 4000K and 6500K
- High efficiency up to 140lm/W
- Power selectable; offering high and low output option in each length
- Excellent light uniformity through high transmittance polycarbonate diffuser
- Instant light output with unlimited switching
- Push fit terminals for ease and speed of installation
- Multiple conduit entry and BESA fixing points
- Non-dimmable



Multiple install options, either BESA or conduit box mounted at the top and conduit end entry points

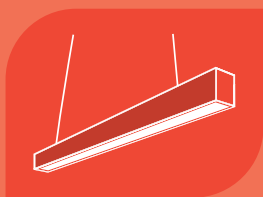
INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP
220/240V	50/60Hz	-20°C to 30°C	L70 54,000	80	6	110/150°	1	IP20

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W	A
<b>ANOU4/2</b>	CCT Selectable - 1 x 1200mm	19W/38W		2600lm - 5100lm (4000K)		1170mm
<b>ANOU5/2</b>	CCT Selectable - 1 x 1500mm	25W/50W	3000K/4000K/6500K	3600lm - 6900lm (4000K)	140lm/W	1470mm
<b>ANOU6/2</b>	CCT Selectable - 1 x 1800mm	35W/50W		4900lm - 6900lm (4000K)		1770mm

CODE (OPTIONS)	DESCRIPTION	CODE (OPTIONS)	DESCRIPTION
<b>/SM3</b>	Self-Test Emergency	<b>/MWS</b>	Integral Microwave Sensor







# COMMERCIAL LINEAR

From modern suspended linears to flexible surface fittings, our commercial linear products combine streamlined aesthetics with a range of functional options to deliver the optimum lighting solution in commercial, retail and educational settings.

Ideal for open areas and corridors, products have been well designed to aid easy installation. Products in the range cover a wide selection of features including bi-directional lighting output, selectable CCT and UGR<19 compliance. Emergency, OCTO smart control and dimming options are also available.

433



**SUSPENDED  
LINEAR**

442



**SURFACE OR  
SUSPENDED LINEAR**

453



**SURFACE  
LINEAR**

454



**RECESSED  
LINEAR**





# Suspended Linears

Suitable for a wide range of settings including commercial, retail and educational applications, Ansell's suspended linears provide a modern aesthetic to any install. Our suspended linear products include a range of functionality and options from selectable CCT, UGR<19, dimmable and also the ability to link products creating a continuous linear fitting.



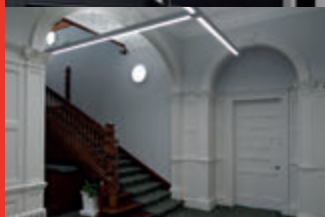
**OTTO  
EVO**  
LED Linear

CCT Selectable, Power Selectable UGR19, High Efficiency, Linkable, Infill



**Sidu**

UGR6, Linkable, 1-10V Dimmable as Standard



**Vasco**

CCT Selectable, Linkable



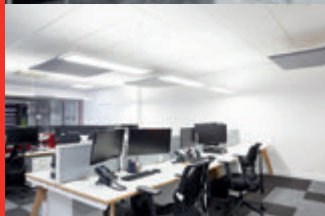
**Millau**

CCT Selectable



**Humber**

UGR19, Linkable



**Brooklyn**

1-10V Dimmable as standard



**Blade**

CCT Selectable





# Surface Linears

431

Designed for a wide range of applications, surface linears can illuminate open areas and corridors in offices and classrooms as well as public buildings and much more. Ansell Lighting's surface linears provide flexibility for installations with a range of optional extras such as emergency, DALI and dimming available.



## Adrina

UGR19, CCT Selectable, Power Selectable, High Efficiency



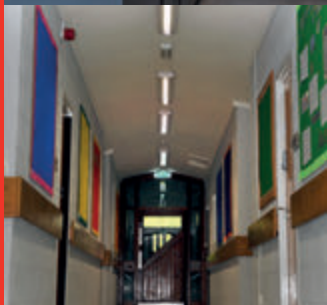
## Gemini

UGR19, CCT Selectable, Power Selectable, High Efficiency



## Oxford

CCT Selectable, Power Selectable, High Efficiency



## Crescent

UGR19



## Proline EVO

Branded Driver



## Otto Evo

**110°**  
Beam  
Angle



**OTTO EVO**  
AOTEVLED5



### CCT Selectable

Integral CCT switch allows the installer a choice of either 3000K or 4000K colour temperature options

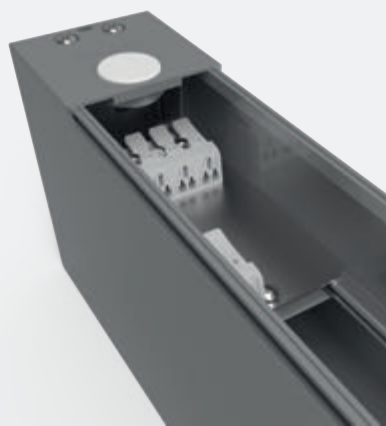


### Mounting Aid

Sliding mounting bracket and installation markings added to the diffuser aid a quick, versatile and simple install

### Push Fit Terminals

Push fit loop-in, loop-out terminals ensure a fast and easy installation

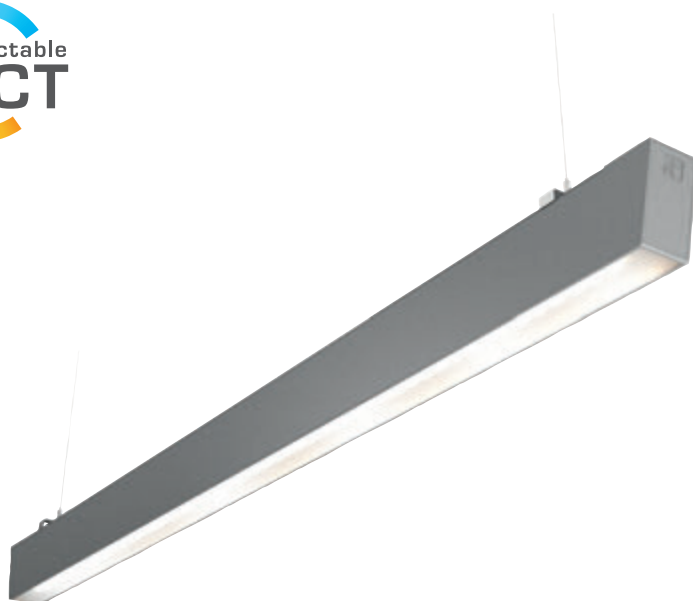
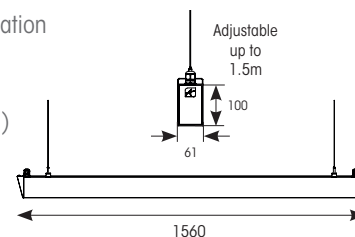


### Easy Access

Specially designed diffuser is easily removable allowing almost instant access to internal components



- Architectural suspended linear for office, retail and educational applications
- Slim profile available in white and aluminium finishes
- Adjustable bracket system allows complete flexibility for mounting installation
- Specially designed diffuser allows installer quick access to wiring ensuring a quick and easy installation
- CCT selectable between 3000K and 4000K and power selectable; offering a choice of 2 outputs, in one luminaire
- Supplied bi-directional light output as standard (directional only option can be selected if required)
- Suitable for individual or continuous suspension
- Die-Cast aluminium end caps
- Supplied c/w 1.5m suspension kit as standard



OTTO  
Option  
Available

Powered by  
CASAMBI



White



AOTEVLED/90 -  
90° Corner Connector

INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP
220/240V	50/60Hz	0°C to 25°C	L80 60,000	80	3	110°	1	IP20

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LMW	UGR
AOTEVLED5	1 x 1500mm - Aluminium	25W/42W	3000K/4000K	2800lm/4200lm (4000K)	112lm/W / 100lm/W (4000K)	23
AOTEVLED2X5	2 x 1500mm - Aluminium	58W/66W		7100lm/8000lm (4000K)	122lm/W / 122lm/W (4000K)	25

For white variant add 'W' into the above product codes e.g. **AOTEVLED5/W**

\* UGR Value based on (4H - 8H)

CODE (OPTIONS)	DESCRIPTION
/M3	Emergency
/DD	Digital Dimming (DD1/DD3/DD4)

CODE (OPTIONS)	DESCRIPTION
/MWS	Integral Microwave Sensor
/CF	Corridor Function
/OCTO	OCTO Smart Control

CODE (ACCESSORIES)	DESCRIPTION
AOTEVLED500	500mm Infill - Aluminium
AOTEVLED1000	1000mm Infill - Aluminium
AOTEVLED1500	1500mm Infill - Aluminium

For white variant add 'W' into the above product codes e.g. **AOTEVLED500/W**

CODE (ACCESSORIES)	DESCRIPTION
AOTEVLED/90	90° Corner Connector - Aluminium
AOTEVLED/90/W	90° Corner Connector - White



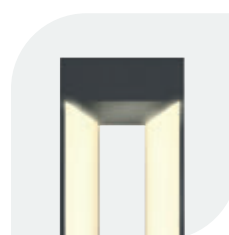
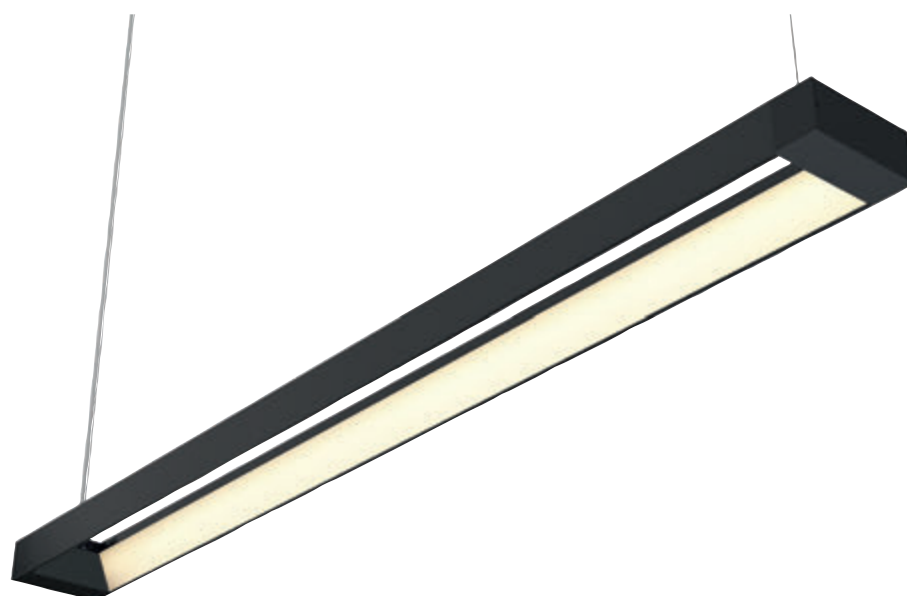
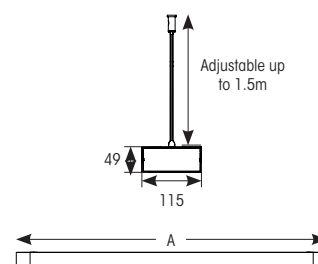
**Millau**

**150°**  
Beam  
Angle





- Architectural suspended linear for commercial applications
- Black powder coated die-cast aluminium construction provides a modern and sleek appearance
- Selectable CCT between 3000K, 4000K and 6000K output
- Internal mirrored reflector and opal diffuser provide optimum distribution and light output
- Supplied with 1.5 metre suspension kit including ceiling rose
- Non-dimmable



Hollow design provides ultra-modern appearance



Top View

INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP
220/240V	50/60Hz	-20 to 45°C	L70 50,000	80	6	150°	1	IP20

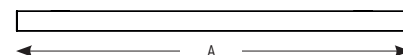
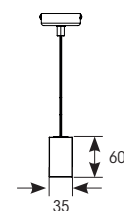
CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W	UGR	A
AMILLED4	1200mm - Selectable CCT	38W	3000K/4000K/6000K	3500lm (4000K)	93lm/W (4000K)	23	1222mm
AMILLED5	1500mm - Selectable CCT	57W		4400lm (4000K)	80lm/W (4000K)	22	1622mm

\* UGR Value based on (4H - 8H)

# Humber



- Suitable for office, retail and commercial applications
- Supplied with 1.5 metre suspension kit as standard
- Slim aluminium profile, black powder coated which provides a modern and sleek appearance
- Black polycarbonate reflector design with individual optics helps achieve low UGR compliant luminaire ideal for most interior lighting
- 1-10V dimmable as standard



Powered by  
**CASAMBI**



INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP
220/240V	50/60Hz	-20°C to 40°C	L90 100,000	90	5	30°	1	IP20

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W	UGR	A
AHUMLED4/CW	1200mm - Cool White	22W	4000K	1900lm	86lm/W	10	1200mm
AHUMLED4/WW	1200mm - Warm White		3000K	1800lm	80lm/W		
AHUMLED5/CW	1500mm - Cool White	26W	4000K	2200lm	84lm/W	10	1500mm
AHUMLED5/WW	1500mm - Warm White		3000K	2100lm	81lm/W		

\* UGR Value based on (4H - 8H)

CODE (OPTIONS)	DESCRIPTION
/OCTO	OCTO Smart Control

## Humber

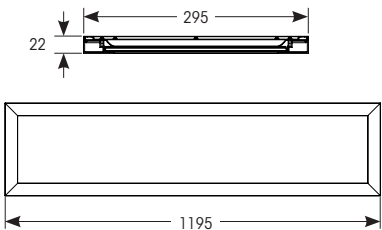


**30°**  
Beam  
Angle

# Brooklyn



- High performance bi-directional suspendable LED linear suitable for retail and office applications
- Integral LED driver provides a unique aesthetically pleasing design
- White anodised aluminium frame
- Supplied c/w 1.2m suspension kit as standard
- 1-10V dimmable as standard



OCTO  
Option  
Available

Powered by  
CASAMBI



INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP
220/240V	50/60Hz	-20°C to 40°C	L70 50,000	80	6	120°	1	IP20

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W	UGR
ABROLED	1200 x 300 - Cool White	35W	4000K	4100lm	117lm/W	22

\* UGR Value based on (4H - 8H)

CODE (OPTIONS)	DESCRIPTION
/OCTO	OCTO Smart Control



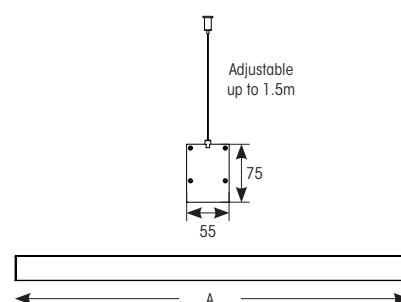
## Brooklyn



**120°**  
Beam  
Angle

# Vasco

- Aluminium bi-directional suspended or surface linear suitable for education, commercial and retail applications
- Aluminium extruded construction with integral driver
- Supplied bi-directional light output as standard with 30% upward light and 70% downward light ratio (downward only option can be selected if required, please note light output changes in downward only mode)
- Opal diffuser provides optimal light uniformity
- Selectable CCT between 3000K, 4000K and 6500K output
- Pre-wired with 1.5 metre cable
- Adjustable suspension points c/w suspension kit
- Surface and track mounting available using AVAS/WM/1 and AVAS/P3/1/\* accessories
- 1-10V dimmable as standard



Powered by  
**CASAMBI**



AVASLED/LC -  
Linking Connector



Black



Fitted with AVASLED/90/B  
90° Corner Connector

INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP
220/240V	50/60Hz	-20 to 45°C	L80 70,000	80	6	130°	1	IP20

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W	UGR	A
AVASLED	1200mm - Aluminium	50W	3000K/4000K/6500K	5300lm (4000K)	105lm/W (4000K)	24	1204mm
AVASLED5	1500mm - Aluminium	60W		6300lm (4000K)	105lm/W (4000K)	23	1204mm
AVASLED/LO	1200mm - Aluminium - LO	15W	3000K/4000K/6500K	1600lm (4000K)	105lm/W (4000K)	20	1504mm
AVASLED5/LO	1500mm - Aluminium - LO	20W		2000lm (4000K)	103lm/W (4000K)	20	1504mm

For black variant add 'B' into the above product codes e.g. **AVASLED5/B**

\* UGR Value based on (4H - 8H)

CODE (ACCESSORIES)	DESCRIPTION
AVASLED/LC	Continuous Linking Connector
AVASLED/90	90° Corner Connector - Aluminium
AVASLED/90/B	90° Corner Connector - Black

CODE (ACCESSORIES)	DESCRIPTION
AVAS/WM/1	Wall Mounting Kit
AVAS/P3/1/W	Track Adaptor - White
AVAS/P3/1/B	Track Adaptor - Black

CODE (OPTIONS)	DESCRIPTION
/M3	Emergency
/SM3	Self-Test Emergency

CODE (OPTIONS)	DESCRIPTION
/OCTO	OCTO Smart Control



Vasco

**130°**  
Beam  
Angle





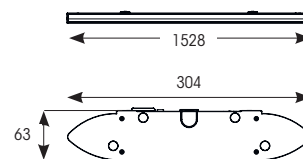




# Adrina



- High specification linear luminaire suitable for education, commercial and large retail applications
- UGR<19 (unified glare rating) compliant luminaire assisting to eliminate glare for visual comfort (AADRINA5 only)
- Supplied bi-directional light output as standard (directional only option can be selected if required)
- CCT selectable between 3000K and 4000K
- Suitable for individual or continuous surface or suspension mounting
- Dimmable and OCTO options available
- Powered by Tridonic



(AADRINA5 only)



OCTO  
Option  
Available

Powered by  
**CASAMBI**



AADRINA5 fitted with  
AADRINA/SK

INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP
220/240V	50/60Hz	-20°C to 45°C	L80 100,000	80	3	90°	1	IP20

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W	UGR
<b>AADRINA5</b>	1500mm - CCT Selectable	27W	3000K/4000K	3600lm (4000K)	130lm/W (4000K)	19
<b>AADRINA2X5</b>	1500mm - CCT Selectable HO	50W		6800lm (4000K)		20

\* UGR Value based on (4H - 8H)

CODE (OPTIONS)	DESCRIPTION
/SM3	Self-Test Emergency
/OCTO	OCTO Smart Control
/DD	Digital Dimming (DD1/DD3/DD4)

CODE (ACCESSORIES)	DESCRIPTION
<b>AADRINA/SK</b>	Adrina Suspension Kit
<b>AADRINA/SMK</b>	Adrina Surface Mounting Kit
<b>AADRINA/600</b>	Adrina Infill 600mm

## Adrina

**90°**  
Beam  
Angle



**ADRINA**  
AADRINA5



### CCT Selectable

Integral CCT switch allows the installer a choice of either 3000K or 4000K colour temperature options



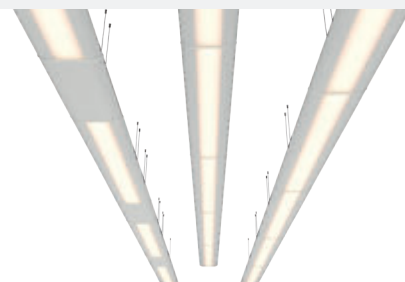
### UGR<19 Rated

UGR>19 design reduces glare for users making it ideal for installation into offices, classrooms and retail environments



### Surface or Suspended Mounting

Flexible installation with both surface and suspension mounting options available



### Continuous Suspension

Ideal for large spaces, connect the fittings together to create a seamless row of suspended fittings



## Gemini



**70°**  
Beam  
Angle



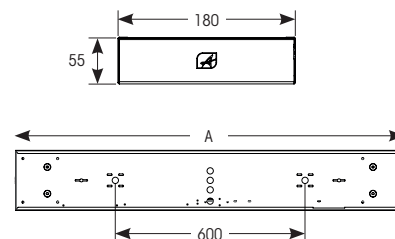


# Gemini



447

- High specification fully enclosed linear luminaire suitable for most commercial and educational applications
- Push pin release design feature ensures a quick and easy installation
- Microprism diffuser for enhanced photometric performance
- Robust steel construction
- CCT selectable between 3000K and 4000K and power selectable; offering a choice of 2 outputs, in one luminaire
- Suitable for surface and suspension
- Powered by Philips



Powered by  
**CASAMBI**



INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP
220/240V	50/60Hz	-20°C to 50°C	L70 54,000	80	3	70°	1	IP20

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W	UGR	A
<b>AGELED4</b>	1200mm - CCT Selectable	21W - 35W	3000K/4000K	2900lm - 4700lm (4000K)	135lm/W (4000K)	18	1250mm
<b>AGELED5</b>	1500mm - CCT Selectable	25W - 40W	3000K/4000K	3300lm - 5300lm (4000K)	131lm/W (4000K)	18	1530mm

\* UGR Value based on (4H - 8H)

CODE (OPTIONS)	DESCRIPTION
<b>/M3</b>	Emergency
<b>/SM3</b>	Self-Test Emergency
<b>/DM3</b>	DALI Emergency

CODE (OPTIONS)	DESCRIPTION
<b>/OCTO</b>	OCTO Smart Control
<b>/DD</b>	Digital Dimming (DD1/DD3/DD4)

CODE (ACCESSORIES)	DESCRIPTION
<b>ASK1</b>	Suspension Kit 1.3m



## Proline EVO



**120°**  
Beam  
Angle

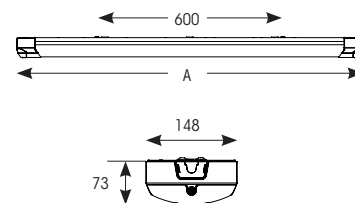


# Proline EVO



449

- Surface linear suitable for educational and commercial applications
- Modern contemporary fully enclosed high performance surface luminaire
- Steel powder coated body with reeded opal polycarbonate diffuser and retained end caps
- Low glare and uniform light distribution
- CCT selectable between 3000K and 4000K and power selectable; offering a choice of 2 outputs, in one luminaire
- Self-test emergency option
- Corridor Function for dimmable microwave sensor options
- Powered by Philips and Tridonic drivers



Powered by CASAMBI



INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP
220/240V	50/60Hz	-10°C to 40°C	L70 54,000	80	6	120°	1	IP20

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W	UGR	A
APRE4/1	1200mm - CCT Selectable	21W - 36W		2800lm - 4700lm (4000K)			1220mm
APRE5/1	1500mm - CCT Selectable	24W - 42W	3000K/4000K	3200lm - 5600lm (4000K)	130lm/W (4000K)	22	1525mm
APRE6/1	1800mm - CCT Selectable	30W - 53W		4300lm - 7400lm (4000K)		25	1820mm

\* UGR Value based on (4H - 8H)

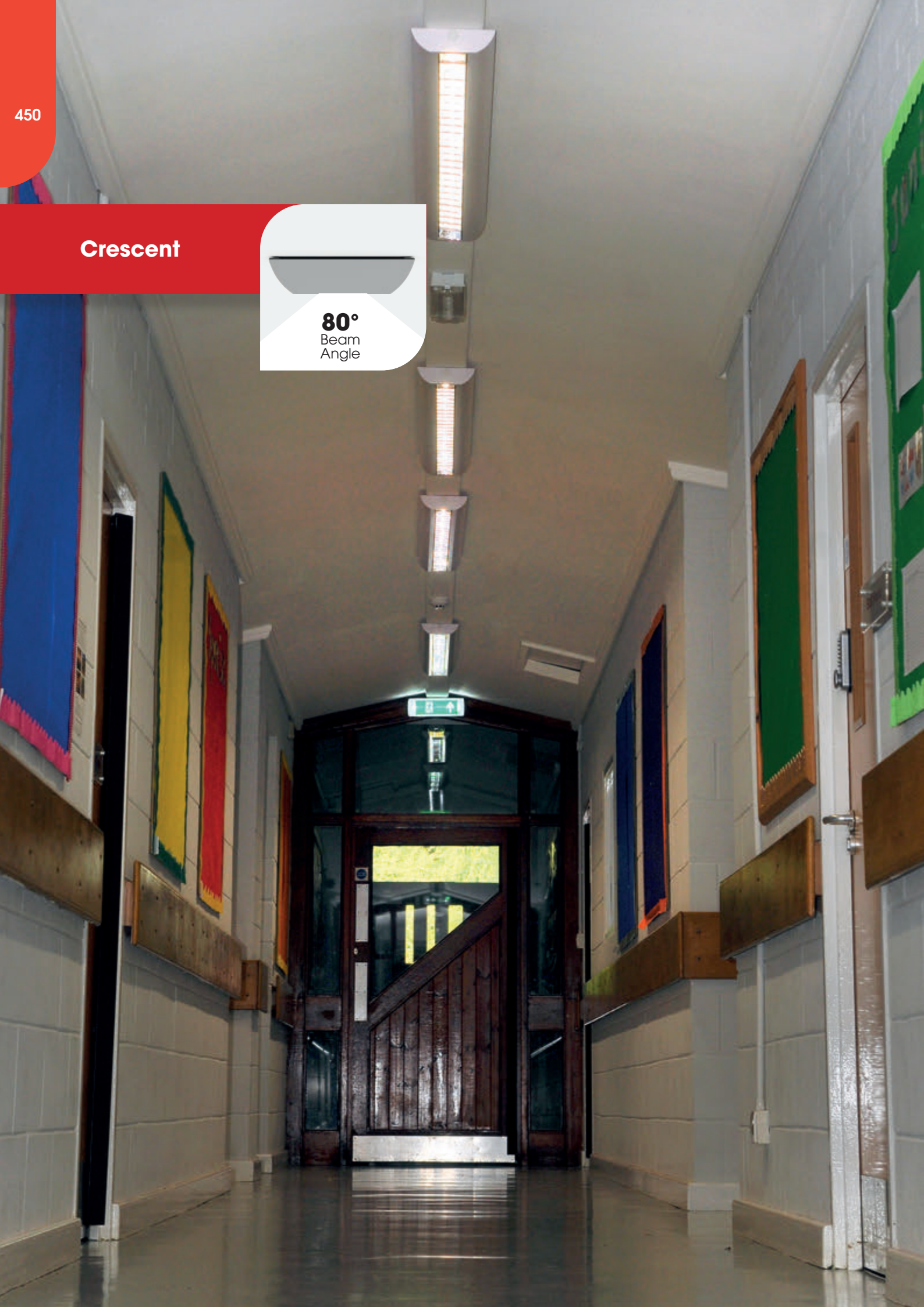
CODE (OPTIONS)	DESCRIPTION
/SM3	Self-Test Emergency
/DM3	DALI Emergency
/OCTO	OCTO Smart Control

CODE (OPTIONS)	DESCRIPTION
/DD	Digital Dimming (DD1/DD3/DD4)
/MWS	Integral Microwave Sensor
/CF	Corridor Function





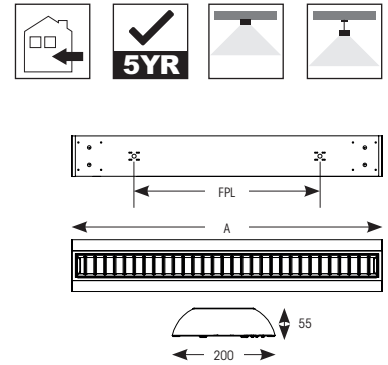
## Crescent





# Crescent

- High specification fully enclosed linear luminaire suitable for most commercial and educational applications
- Steel powder coated body for enhanced durability
- Polycarbonate diffuser and polished louvre for excellent photometric performance
- CCT selectable between 3000K and 4000K and power selectable; offering a choice of 2 outputs, in one luminaire
- Suitable for surface mounting and suspension
- Powered by Philips



451



Powered by **CASAMBI**



INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP
220/240V	50/60Hz	-20°C to 50°C	L80 100,000	80	3	80°	1	IP20

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W	UGR	A	FPL
<b>ACRESLED4</b>	1 x 1200 - CCT Selectable	21W - 35W	3000K/4000K	3100lm - 4900lm (4000K)	146lm - 139lm/W (4000K)	18	1200mm	600mm
<b>ACRESLED5</b>	1 x 1500 - CCT Selectable	23W - 40W	3000K/4000K	3000lm - 5600lm (4000K)	133lm - 139lm/W (4000K)	19	1500mm	900mm

\* UGR Value based on (4H - 8H)

CODE (OPTIONS)	DESCRIPTION
/M3	Emergency
/SM3	Self-Test Emergency
/DM3	DALI Emergency

CODE (OPTIONS)	DESCRIPTION
/OCTO	OCTO Smart Control
/DD	Digital Dimming (DD1/DD3/DD4)

CODE (ACCESSORIES)	DESCRIPTION
ASK1	Suspension Kit 1.3m



**Oxford**

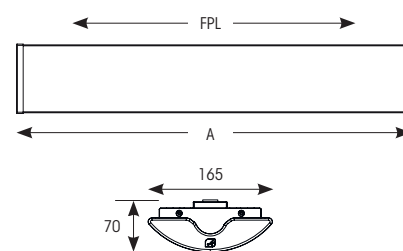


**110°**  
Beam  
Angle



# Oxford

- Surface linear suitable for educational and commercial applications
- Modern fully enclosed surface luminaire with curved low profile appearance
- This is a widely used style of fitting within the educational sector
- CCT selectable between 3000K, 4000K and 5000K and power selectable; offering a choice of 2 outputs, in one luminaire
- Steel body with polycarbonate diffuser and plastic end caps
- Dimmable options
- Powered by Philips



453



Powered by  
**CASAMBI**



INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP
220/240V	50/60Hz	-20°C to 40°C	L80 50,000	80	5	110°	1	IP20

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W	UGR	A	FPL
AOXL4/1	1200mm - CCT Selectable	21/32W	3000K/4000K /5000K	2900lm - 5000lm (4000K)	140lm/W	24	1190mm	
AOXL5/1	1500mm - CCT Selectable	22/38W		3100lm - 5400lm (4000K)			1470mm	610mm
AOXL6/1	1800mm - CCT Selectable	32/49W		4500lm - 6900lm (4000K)			1800mm	

\* UGR Value based on (4H - 8H)

CODE (OPTIONS)	DESCRIPTION
/M3	Emergency
/SM3	Self-Test Emergency
/DM3	DALI Emergency

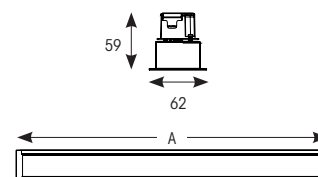
CODE (OPTIONS)	DESCRIPTION
/OCTO	OCTO Smart Control
/DD	Digital Dimming (DD1/DD3/DD4)
/MWS	Integral Microwave Sensor
/CF	Corridor Function



# Blade



- Architectural aluminium recessed linear suitable for retail, commercial and educational applications
- Aluminium construction provides a modern and sleek appearance
- Perfect for recessed continuous installation to create a seamless line of light when using connector accessories and the roll-on diffuser
- Selectable CCT between 3000K, 4000K and 6500K output
- Suitable for individual or continuous mounting
- Non-dimmable



Powered by  
**CASAMBI**



Installed with 90°  
connector accessory



90°, X and T Connectors  
for installation versatility

INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP
220/240V	50/60Hz	-20°C to 45°C	L70 54,000	80	6	110°	2	IP40

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W	UGR	A
<b>ABLA060/1/W</b>	600mm - Selectable CCT	15W		1600lm (4000k)	105lm/W		615mm
<b>ABLA120/1/W</b>	1200mm - Selectable CCT	30W	3000K/4000K/6500K	3400lm (4000k)	113lm/W	27	1208mm
<b>ABLA150/1/W</b>	1500mm - Selectable CCT	37W		4200lm (4000k)	118lm/W		1505mm

CODE (OPTIONS)	DESCRIPTION	TRADE
<b>/OCTO</b>	OCTO Smart Control	

\*UGR Value based on (4H - 8H)

CODE (ACCESSORIES)	DESCRIPTION
<b>ABLA/LC/1</b>	Linkable Connector
<b>ABLA/X/1</b>	X Connector
<b>ABLA/T/1</b>	T Connector
<b>ABLA/90/1</b>	90° Connector

CODE (ACCESSORIES)	DESCRIPTION
<b>ABLA/12M/1</b>	Opal Diffuser Roll 12m
<b>ABLA/24M/1</b>	Opal Diffuser Roll 24m
<b>AHUMLED/KIT</b>	Maintained/Non-maintained - Emergency Pack
<b>ADDIM30/MC</b>	30W Multi-current Dimmable LED Driver
<b>ADDIM50/MC</b>	50W Multi-current Dimmable LED Driver



**Blade**

**110°**  
Beam  
Angle

HAWKEYE  
EXHIBITS



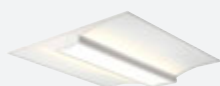
# COMMERCIAL MODULAR

Designed for a wide range of applications including commercial, retail and educational settings, we have a wide range of recessed LED panels and moduls available. Meeting a variety of project specifications, our panels incorporate innovative design features to meet the most common lighting requirements such as UGR<19 ratings, robust IP ratings and high levels of efficacy. Options including emergency self-test, OCTO smart control and digital dimming are available throughout the range.

460

**RECESSED PANEL**

482

**RECESSED DIRECT/  
INDIRECT**

492

**FRAME PANEL**





# Recessed Panels

Designed for multiple applications including commercial, retail and educational settings, we have a wide range of LED panels on offer. From IP65 rated, UGR<19 and economical options, our panels are flexible and come in a range of optional extras, including emergency self-test, OCTO smart control and digital dimming.



## Pace PLUS

Back-Lit, Super High Efficiency



## Pace UGR19

Back-Lit, TPa, UGR19, High Efficiency, CCT Selectable, Multi-wattage, OCTO Tunable White Option Available



## Endurance UGR19

Edge-Lit, TPa, UGR19, High Output, Multiple Sizes



## Defender

Backlit, IP65, Power Selectable, High Efficiency



# Recessed Modulares

459

High performance and stylish LED recessed panels provide flexibility and are suitable for a wide range of applications, including commercial offices and settings, retail as well as educational, healthcare and public buildings. With emergency options, OCTO smart control as well as dimming functionality, our recessed panels provide flexibility for installation and a modern aesthetic.



## Volo

HCL, Integral Sensor, Tunable White, UGR19, Mounting Options



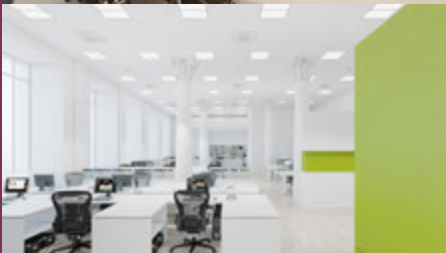
## Juno

HCL, Tunable White, UGR19



## Siipa Solo

Tunable White



## Siipa Dual

Tunable White



## Lota

CCT Selectable



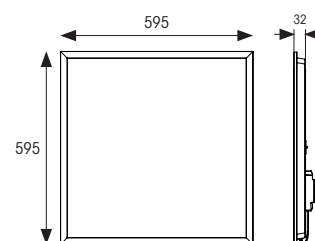
## Spektrum

CCT Selectable

# Pace UGR<19 600x600



- Backlit LED panel suitable for education, commercial and ancillary area applications
- Slimline design allows for installation into shallow ceiling voids
- CCT selectable between 3000K, 4000K and 6500K and power selectable; offering a choice of 3 outputs, in one luminaire
- UGR<19 (unified glare rating) compliant luminaire assisting to eliminate glare for visual comfort
- Dimmable and OCTO options available
- TPa as standard
- **Switch Dim, DALI and 0-10V dimming capability using the multi dimmable driver accessories ADDIM/50/MC (see p215 for more information)**
- **Self-Test Panel Pod and Sensor Pod compatible (see p478 - p479 for more information)**



Powered by  
**CASAMBI**



AIRMLED/POD/3NM/ST  
Emergency Pod fitted

INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP
220/240V	50/60Hz	-20°C to 40°C	L80 60,000	80	6	90°	2	IP40

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W	UGR
APAC1/60/1	600 x 600 CCT Selectable	20W - 30W	3000K/4000K/6500K	2500lm - 3700lm(4000K)	125lm/W (4000K)	19

AIRMLED/POD/3NM/ST	Emergency Pod	5W
APOD/1/3NM/DA	Emergency Pod DALI	3W
AIRMLED/POD/MWS	Sensor Pod	

\* UGR Value based on (4H - 8H)

CODE (OPTIONS)	DESCRIPTION
/DM3	DALI Emergency
/OCTO	OCTO Smart Control

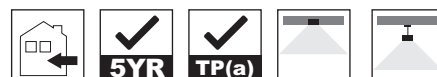
CODE (ACCESSORIES)	DESCRIPTION
AARX60K/1	600x600 Anti-Ligature Kit
ASRF/60/1	600x600 Skylight Recessed Frame
ADDIM/30/MC	30W Multi-current Dimmable LED Driver

CODE (ACCESSORIES)	DESCRIPTION
APACLED/SK	Pace Suspension Kit
APRK/60	600x600 Plasterboard Recessed Kit

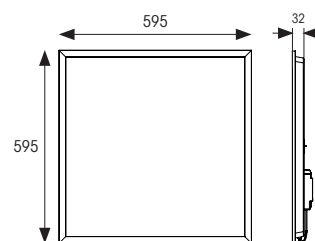




# Pace Tunable White 600x600



- Backlit OCTO enabled LED panel suitable for education, commercial and ancillary area applications
- Slimline design allows for installation into shallow ceiling voids
- UGR<19 (unified glare rating) compliant luminaire assisting to eliminate glare for visual comfort
- One product provides complete control of colour temperature selection, ranging between 2700K and 6500K. Colour selection achieved via the Casambi App
- Full dimming control and circadian rhythm option via Casambi App
- Dimmable emergency option available
- TPa as standard
- **Self-Test Panel Pod and Sensor Pod compatible (see p478 - p479 for more information)**



Powered by  
**CASAMBI**



AIRMLD/POD/3NM/ST  
Emergency Pod fitted

INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP
220/240V	50/60Hz	-20°C to 40°C	L80 60,000	80	3	90°	2	IP40

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LMW	UGR
APAC1/60/1/TW/OCTO	600 x 600 Tunable White	40W	2700K - 6500K	3600lm - 4000lm (2700K - 6500K)	100lm/W	18

AIRMLD/POD/3NM/ST	Emergency Pod	5W
APOD/1/3NM/DA	Emergency Pod DALI	3W
AIRMLD/POD/MWS	Sensor Pod	

\* UGR Value based on (4H - 8H)

CODE (ACCESSORIES)	DESCRIPTION
APACLED/SK	Pace Suspension Kit
APRK/60	600x600 Plasterboard Recessed Kit
AARX60K/1	600x600 Anti-Ligature Kit
ASRF/60/1	600x600 Skylight Recessed Frame

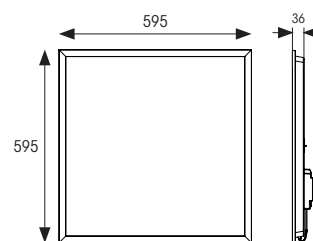


# Pace RGBW 600x600

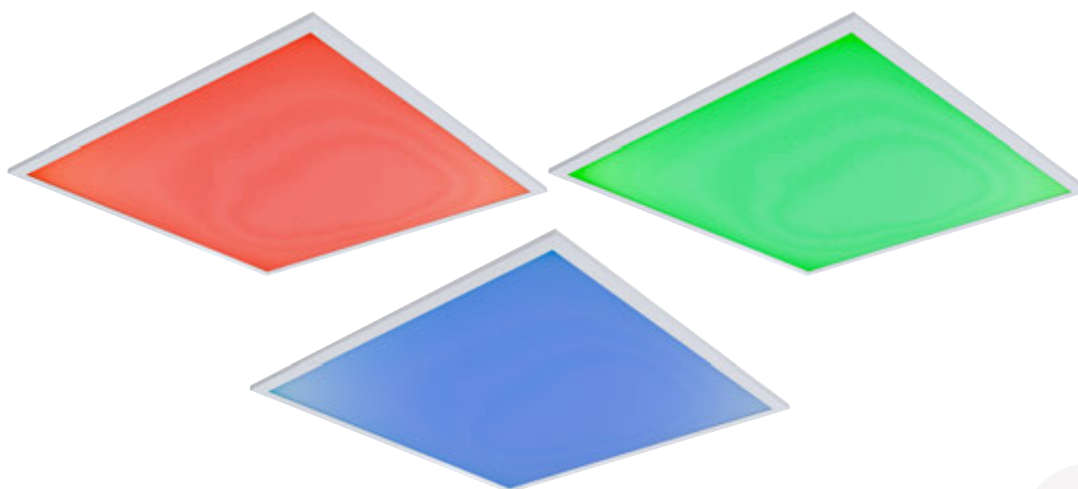


463

- Backlit OCTO enabled LED panel suitable for education, commercial and ancillary area applications
- Slimline design allows for installation into shallow ceiling voids
- UGR<19 (unified glare rating) compliant luminaire assisting to eliminate glare for visual comfort
- Create the ambience of your choice with 16 million colours, as well as 4000K cool white light
- Full dimming control and circadian rhythm option via Casambi App
- Dimmable emergency option available
- TPa as standard



Powered by  
**CASAMBI**



White

INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP
220/240V	50/60Hz	0°C to 40 °C	L80 54,000	80	5	120°	2	IP20

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W
APAC/60/1/RGBW/OCTO	600 x 600 RGBW	50W	4000K and RGB	3900lm (White Output)	110lm/W

\* UGR Value based on (4H - 8H)

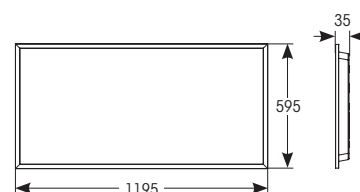
CODE (ACCESSORIES)	DESCRIPTION
APACLED/SK	Pace Suspension Kit
APRK/60	600x600 Plasterboard Recessed Kit
AARX60K/1	600x600 Anti-Ligature Kit
ASRF/60/1	600x600 Skylight Recessed Frame



# Pace UGR<19 1200x600



- Backlit LED panel suitable for education, commercial and ancillary area applications
- Slimline design allows for installation into shallow ceiling voids
- UGR<19 (unified glare rating) compliant luminaire assisting to eliminate glare for visual comfort
- Cool white, warm white and daylight options
- Dimmable and OCTO options available
- TPa as standard
- **Switch Dim, DALI and 0-10V dimming capability using the multi dimmable driver accessories ADDIM/50/MC (see p215 for more information)**
- **Self-Test Panel Pod and Sensor Pod compatible (see p478 - p479 for more information)**



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AIRMLD/POD/3NM/ST  
Emergency Pod fitted

INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP
220/240V	50/60Hz	-10°C to 40°C	L80 54,000	80	3	80°	2	IP44

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LMW	UGR
APACLED1/120/CW	1200 x 600 - Cool White	46W	4000K	5500lm	120lm/W	17
* For Warm White variant replace 'CW' with 'WW', and for Daylight product replace 'CW' with 'DL' into the above codes e.g. <b>APACLED1/120/WW</b>						
AIRMLD/POD/3NM/ST	Emergency Pod	5W				
APOD/1/3NM/DA	Emergency Pod DALI	3W				
AIRMLD/POD/MWS	Sensor Pod					

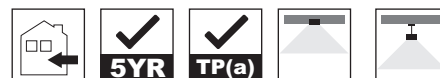
\* UGR Value based on (4H - 8H)

CODE (OPTIONS)	DESCRIPTION
/WW	Warm White Versions
/DL	Daylight Versions
/DM3	DALI Emergency
/OCTO	OCTO Smart Control

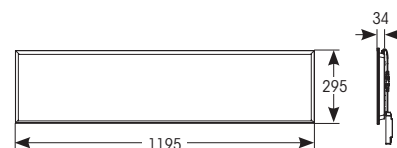
CODE (ACCESSORIES)	DESCRIPTION
APRK/120	1200x600 Plasterboard Recessed Kit
ADDIM/50/MC	50W Multi-current Dimmable LED Driver



## Pace UGR<19 1200x300



- Backlit LED panel suitable for education, commercial and ancillary area applications
- Slimline design allows for installation into shallow ceiling voids
- UGR<19 (unified glare rating) compliant luminaire assisting to eliminate glare for visual comfort
- Cool white, warm white and daylight options
- Dimmable and OCTO options available
- TPa as standard
- **Switch Dim, DALI and 0-10V dimming capability using the multi dimmable driver accessories ADDIM/30/MC (see p215 for more information)**
- **Self-Test Panel Pod and Sensor Pod compatible (see p478 - p479 for more information)**



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**CASAMBI**



AIRMLED/POD/3NM/ST  
Emergency Pod fitted

INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP
220/240V	50/60Hz	-10°C to 40°C	L80 54,000	80	3	80°	2	IP44

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LMW	UGR
<b>APACLED1/30/CW</b>	1200 x 300 - Cool White	27W	4000K	3400lm	125lm/W	19

\* For Warm White variant replace 'CW' with 'WW', and for Daylight product replace 'CW' with 'DL' into the above codes e.g. **APACLED1/30/WW**

<b>AIRMLED/POD/3NM/ST</b>	Emergency Pod	5W
<b>APOD/1/3NM/DAL</b>	Emergency Pod DALI	3W
<b>AIRMLED/POD/MWS</b>	Sensor Pod	

\* UGR Value based on (4H - 8H)

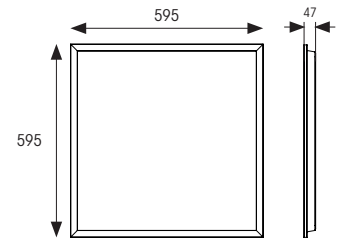
CODE (OPTIONS)	DESCRIPTION
<b>/WW</b>	Warm White Versions
<b>/DL</b>	Daylight Versions
<b>/DM3</b>	DALI Emergency
<b>/OCTO</b>	OCTO Smart Control

CODE (ACCESSORIES)	DESCRIPTION
<b>APACLED/SK</b>	Pace Suspension Kit
<b>APRK/30</b>	1200x300 Plasterboard Recessed Kit
<b>ADDIM/30/MC</b>	30W Multi-current Dimmable LED Driver





- Industry leading super high efficiency (up to 180lm/W) backlit LED panel suitable for education, commercial and ancillary area applications
- Slimline design allows for installation into shallow ceiling voids
- UGR<19 (unified glare rating) compliant luminaire assisting to eliminate glare for visual comfort
- Power selectable; offering a choice of 4 outputs, in one luminaire
- Dimmable and OCTO options available
- TPa as standard
- **Switch Dim, DALI and 0-10V dimming capability using the multi dimmable driver accessories ADDIM30/MC (see p215 for more information)**



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INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP
220/240V	50/60Hz	-20°C to 40°C	L90 52,000	80	3	80°	2	IP20

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LMW	UGR
<b>APACP/60/CW</b>	600 x 600 Cool White	12W - 18W	4000K	2100lm - 3100lm	180lm/W	18

\* UGR Value based on (4H - 8H)

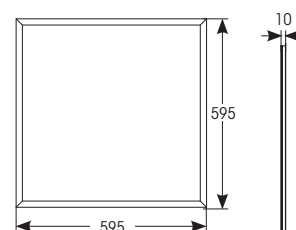
CODE (OPTIONS)	DESCRIPTION
<b>/DM3</b>	DALI Emergency
<b>/OCTO</b>	OCTO Smart Control

CODE (ACCESSORIES)	DESCRIPTION
<b>APACLED/SK</b>	Pace Suspension Kit
<b>APRK/60</b>	600x600 Plasterboard Recessed Kit
<b>AARX60K/1</b>	600x600 Anti-Ligature Kit
<b>ASRF/60/1</b>	600x600 Skylight Recessed Frame
<b>ADDIM/30/MC</b>	30W Multi-current Dimmable LED Driver

# Endurance UGR<19 600x600



- Edge lit LED panel suitable for education, commercial and ancillary area applications
- UGR<19 (unified glare rating) compliant luminaire assisting to eliminate glare for visual comfort
- Cool white, warm white and daylight options
- White anodised aluminium frame for visual compatibility with ceiling grid
- TPa as standard
- Surface mounting frame option
- **Switch Dim, DALI and 0-10V dimming capability using the multi dimmable driver accessories ADDIM/30/MC (see p215 for more information)**
- **Self-Test Panel Pod and Sensor Pod compatible (see p478 - p479 for more information)**



Powered by  
**CASAMBI**



AIRMLD/POD/3NM/ST  
Emergency Pod fitted



INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP
220/240V	50/60Hz	-20°C to 40°C	L80 76,000	80	3	80°	2	IP44

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LMW	UGR
AERMLD3/60/CW	600 x 600 - Cool White	30W	4000K	3600lm	113lm/W	17
AERMLD3/HO/60/CW	600 x 600 - Cool White - HO	30W	4000K	4300lm	139lm/W	18
AERMLD3/60/LO/CW	600 x 600 - Cool White - LO	19W	4000K	2500lm	110lm/W	17

\* For Warm White variant replace 'CW' with 'WW', and for Daylight product replace 'CW' with 'DL' into the above codes e.g. **AERMLD3/60/WW**

AIRMLD/POD/3NM/ST	Emergency Pod	5W
APOD/1/3NM/DA	Emergency Pod DALI	3W
AIRMLD/POD/MWS	Sensor Pod	

\* UGR Value based on (4H - 8H)

CODE (OPTIONS)	DESCRIPTION
/WW	Warm White Versions
/DL	Daylight Versions
/OCTO	OCTO Smart Control

CODE (ACCESSORIES)	DESCRIPTION
AERMLD/SK	2 Metre Suspension Kit
ASMF60/1	Surface Mounting Frame*
AERMLD/60/CGCB/KIT	Concealed Grid Ceiling Kit
APRK/60	600x600 Plasterboard Recessed Kit*
AARX60K/1	600x600 Anti-Ligature Kit
ASRF/60/1	600x600 Skylight Recessed Frame
ADDIM/30/MC	30W Multi-current Dimmable LED Driver

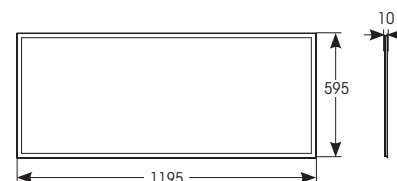
\* (L600mm x W600mm x D75mm)



# Endurance UGR<19 1200x600



- Edge lit LED panel suitable for education, commercial and ancillary area applications
- UGR<19 (unified glare rating) compliant luminaire assisting to eliminate glare for visual comfort
- Cool white, warm white and daylight options
- White anodised aluminium frame for visual compatibility with ceiling grid
- Surface mounting frame option
- TPa as standard
- **Switch Dim, DALI and 0-10V dimming capability using the multi dimmable driver accessories ADDIM/60/MC (see p215 for more information)**
- **Self-Test Panel Pod and Sensor Pod compatible (see p478 - p479 for more information)**



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AIRMLED/POD/3NM/ST  
Emergency Pod fitted

INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP
220/240V	50/60Hz	-20°C to 40°C	L80 76,000	80	3	80°	2	IP44

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W	UGR
<b>AERMLED3/120/CW</b>	1200x600 - Cool White	60W	4000K	5800lm	97lm/W	17

<b>AIRMLED/POD/3NM/ST</b>	Emergency Pod	5W
<b>APOD/1/3NM/DAL</b>	Emergency Pod DALI	3W
<b>AIRMLED/POD/MWS</b>	Sensor Pod	

\* UGR Value based on (4H - 8H)

CODE (OPTIONS)	DESCRIPTION
<b>/WW</b>	Warm White Versions
<b>/DL</b>	Daylight Versions
<b>/OCTO</b>	OCTO Smart Control

CODE (ACCESSORIES)	DESCRIPTION
<b>ASMF120/1</b>	1200x600 Surface Mounting Frame
<b>APRK/120</b>	1200x600 Plasterboard Recessed Kit
<b>ADDIM/60/MC</b>	60W Multi-current Dimmable LED Driver





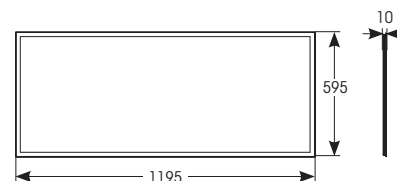


# Endurance 1200x600



473

- Edge lit LED panel suitable for education, commercial and ancillary area applications
- Cool white, warm white and daylight options
- White anodised aluminium frame for visual compatibility with ceiling grid
- Surface mounting frame option
- TPa as standard
- **Switch Dim, DALI and 0-10V dimming capability using the multi dimmable driver accessories ADDIM/60/MC (see p215 for more information)**
- **Self-Test Panel Pod and Sensor Pod compatible (see p478 - p479 for more information)**



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AIRMLD/POD/3NM/ST  
Emergency Pod fitted

INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP
220/240V	50/60Hz	-20°C to 40°C	L80 76,000	80	4	110°	2	IP40

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W	UGR
<b>AERMLD2/120/CW</b>	1200 x 600 - Cool White	60W	4000K	5400lm	88lm/W	20

\* For Warm White variant replace 'CW' with 'WW', and for Daylight product replace 'CW' with 'DL' into the above codes e.g. **AERMLD2/120/WW**

<b>AIRMLD/POD/3NM/ST</b>	Emergency Pod	5W
<b>APOD/1/3NM/DA</b>	Emergency Pod DALI	3W
<b>AIRMLD/POD/MWS</b>	Sensor Pod	

\* UGR Value based on (4H - 8H)

CODE (OPTIONS)	DESCRIPTION
<b>/WW</b>	Warm White Versions
<b>/DL</b>	Daylight Versions
<b>/OCTO</b>	OCTO Smart Control

CODE (ACCESSORIES)	DESCRIPTION
<b>ASMF120/1</b>	1200x600 Surface Mounting Frame
<b>APRK/120</b>	1200x600 Plasterboard Recessed Kit
<b>ADDIM/60/MC</b>	60W Multi-current Dimmable LED Driver

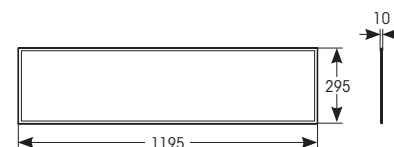




# Endurance 1200x300



- Edge lit LED panel suitable for education, commercial and ancillary area applications
- Cool white, warm white and daylight options
- White anodised aluminium frame for visual compatibility with ceiling grid
- Surface mounting frame option
- **Switch Dim, DALI and 0-10V dimming capability using the multi dimmable driver accessories ADDIM/30/MC (see p215 for more information)**
- **Self-Test Panel Pod and Sensor Pod compatible (see p478 - p479 for more information)**



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**CASAMBI**



AIRMLED/POD/3NM/ST  
Emergency Pod fitted

INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP
220/240V	50/60Hz	-20°C to 40°C	L80 60,000	80	3	110°	2	IP40

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LMW	UGR
<b>AERMLED2/30/CW</b>	1200 x 300 - Cool White	30W	4000K	3300lm	105lm/W	21

\* For Warm White variant replace 'CW' with 'WW', and for Daylight product replace 'CW' with 'DL' into the above codes e.g. **AERMLED2/30/WW**

<b>AIRMLED/POD/3NM/ST</b>	Emergency Pod	5W
<b>APOD/1/3NM/DA</b>	Emergency Pod DALI	3W
<b>AIRMLED/POD/MWS</b>	Sensor Pod	

CODE (OPTIONS)	DESCRIPTION
<b>/WW</b>	Warm White Versions
<b>/DL</b>	Daylight Versions
<b>/OCTO</b>	OCTO Smart Control

CODE (ACCESSORIES)	DESCRIPTION
<b>AERMLED/SK</b>	2 Metre Suspension Kit
<b>ASMF30/1</b>	1200x300 Surface Mounting Frame
<b>APRK/30</b>	1200x300 Plasterboard Recessed Kit
<b>ADDIM/30/MC</b>	30W Multi-current Dimmable LED Driver





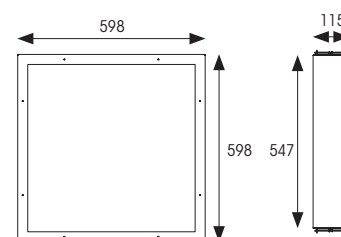
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Consultancy

Seed  
Consultancy

# Defender IP65



- Backlit clean air LED panel suitable for education, commercial and healthcare applications
- High quality steel housing with welded frame and secured by Easy Fix style brackets
- Selectable CCT between 4000K and 6500K output
- Frame fitted with TP(a) rated diffuser providing excellent diffusion and outstanding light transmission
- Powered by Tridonic



Powered by  
**CASAMBI**



Easy Fix style bracket



115mm depth

INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP	IK
220/240V	50/60Hz	-20°C to 50°C	L70 80,000	80	3	110°	1	IP65	IK07

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LMW	UGR
<b>ADELED</b>	600 x 600 - CCT Selectable	20/33W	4000K/6500K	2800lm - 4500lm (4000K )	141lm/w - 135lm/W (4000K)	17

\* UGR Value based on (4H - 8H)

CODE (OPTIONS)	DESCRIPTION
/M3	Emergency
/SM3	Self-Test Emergency
/DM3	DALI Emergency

CODE (OPTIONS)	DESCRIPTION
/DD	Digital Dimming (DD1/DD3/DD4)
/OCTO	OCTO Smart Control



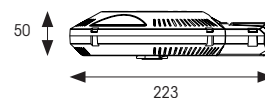




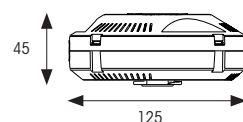
**Panel Pod™**  
**Emergency**



- Integral Self-Test emergency pods to convert any Pace and Endurance panel to emergency, instantly
- LiFePO4 Lithium battery provides improved energy consumption, product reliability and lifetime
- Simple, quick twist and lock fixing
- 6 way fast wire plug in connector for speed and ease of installation (APOD/1/3NM/DA only)
- Supplied with a pre-wired 1 Metre cable for ease of installation
- Tri-colour LED shows green for healthy running condition, red/flashing for fault conditions and white for emergency operation
- Patent Protected. GB 2522285B (United Kingdom)
- Patent Protected. EP 2957826B (Europe)
- Self-test as standard (AIRMLD/POD/3NM/ST) with DALI and DALI+ option (APOD/1/3NM/DA)



APOD/1/3NM/DA



AIRMLD/POD/3NM/ST



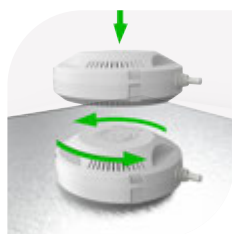
AIRMLD/POD/3NM/ST



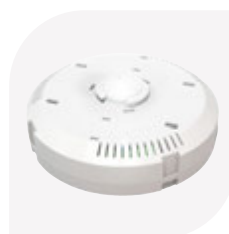
APOD/1/3NM/DA



**Step 1:** Unscrew coin plug from back of Ansell LED Panels



**Step 2:** Locate and twist Panel Pod into position. Connect incoming supply to pre-leaded cable



Underside view  
AIRMLD/POD/3NM/ST



Underside view  
APOD/1/3NM/DA

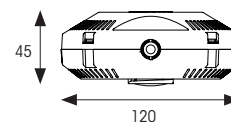
INPUT	HERTZ	TEMP	LIFETIME (HRS)	BEAM ANGLE	CLASS	IP
220/240V	50/60Hz	0°C - 40°C	L70 50,000	120°	1	IP20

CODE	DESCRIPTION	WATTAGE	CCT	EMERGENCY MODE
<b>AIRMLD/POD/3NM/ST</b>	Self-Test Emergency Pod - Non Maintained	5W	6500K	190lm
<b>APOD/1/3NM/DA</b>	Self-Test Emergency Pod DALI - Non Maintained	3W	6500K	190lm

CODE (ACCESSORIES)	DESCRIPTION
<b>ASBP/21</b>	6.4V 3Ah Li-FePO4 Replacement Battery



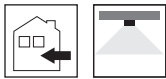
- Converts Pace and Endurance panels to microwave sensor operation
- Provides detection area of 360° with a detection angle of 120°
- Simple twist and lock connection
- Pre-wired 300mm 4-core flex for easy installation
- Fast and efficient installation
- Adjustable time delay and distance
- Patent Protected. GB 3268665B (United Kingdom)
- Patent Protected. EP 3268665B (Europe)



INPUT	HERTZ	TEMP	CLASS	IP
220/240V	50/60Hz	0°C to 40°C	1	IP20

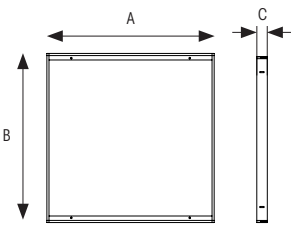
CODE	DESCRIPTION
<b>AIR/LED/POD/MWS</b>	Sensor Pod

CODE (ACCESSORIES)	DESCRIPTION
<b>ASBP/21</b>	6.4V 3Ah Li-FePO4 Replacement Battery



# Surface Mounting Frames for Recessed Panels

- Robust powder coated white steel frame construction
- Frame sizes available for the following recessed LED panel sizes\*:-  
600x600, 1200x600 and 1200x300
- Kit comes as 4 separate, easy to assemble pieces that require no tools or screws, ensuring a quick and easy installation
- Only applicable for use with Endurance LED recessed panel ranges  
**ASMF60/1 for use with Endurance 600x600 Panels (p468)**  
**ASMF30/1 for use with Endurance 1200x300 Panels (p474)**  
**ASMF120/1 for use with Endurance 1200x600 Panels (p470 and p473)**



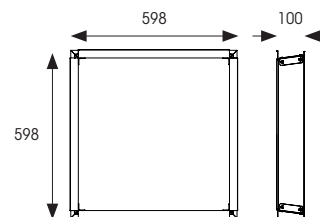
1200x600 and 1200x300 frames

CODE	DESCRIPTION	IP	A	B	C
ASMF60/1	Surface Mounted Frame 600x600	IP20	600mm	600mm	63mm
ASMF30/1	Surface Mounted Frame 1200x300		1200mm	300mm	
ASMF120/1	Surface Mounted Frame 600x1200		600mm	1200mm	

# Skylight Recessing Frame for Recessed Panels



- Robust powder coated white steel skylight recessing frame suitable for education, commercial, healthcare, hospitality and retail applications
- Recessed design gives the impression of a skylight or light tunnel appearance, creating an interesting and visually appealing focal point for the ceiling
- Frame available for 600x600 recessed LED panel only
- Kit comes as 4 separate, easy to assemble pieces that require no tools or screws, ensuring a quick and easy installation
- **Only applicable for use with Endurance LED and Pace LED 600x600 recessed panel ranges (p460, p462, p463, p467, p468)**



Frame



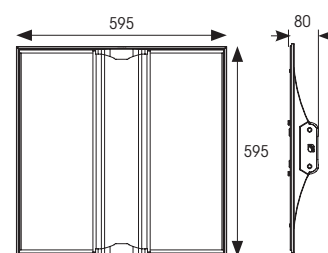
Frame with Panel Installed

CODE	DESCRIPTION	IP
ASRF/60/1	600x600 Skylight Recessed Frame	IP20

# Volo



- Architectural LED recessed modular suitable for education, commercial and healthcare applications
- High performance indirect recessed luminaire
- Can be surface and suspended, suspension kit supplied separately
- Dual direct/indirect output. Direct from the centre micro-prism central diffuser coupled with indirect output from the side diffuser sections. Providing a perfect combination for task and ambient lighting from one source
- Selectable CCT between 3000K and 4000K
- OCTO tunable white option (3000K-6500K)
- Integral PIR option discreetly positioned in the end cap
- High performance optics provide high efficiency while still offering optimum glare control and comfort for task/office applications
- TP(a) as standard



Powered by  
**CASAMBI**



PIR Module

INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP
220/240V	50/60Hz	-20°C to 50°C	L80 82,000	80	3	85°	1	IP40

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LMW	UGR
<b>AVOLO</b>	600 x 600 - CCT Selectable	21/ 34W	3000K/ 4000K	2700lm - 4200lm (4000K)	128lm/W - 124lm/W (4000K)	17
<b>AVOLO/TW/OCTO</b>	600 x 600 - Tunable White	42W	2700K- 6500K	3200lm - 3700lm (2700K - 6500K)	76lm/W - 88lm/W (2700K - 6500K)	17

\* UGR Value based on (4H - 8H)

CODE (OPTIONS)	DESCRIPTION	CODE (OPTIONS)	DESCRIPTION
<b>/M3</b>	Emergency	<b>/PIR</b>	PIR
<b>/SM3</b>	Self-Test Emergency	<b>/DD</b>	Digital Dimming (DD1/DD3/DD4)
<b>/DM3</b>	DALI Emergency	<b>/OCTO</b>	OCTO Smart Control

CODE (ACCESSORIES)	DESCRIPTION
<b>AVOLO/SK</b>	Suspension Kit 1.5m
<b>AARX60K/1</b>	600x600 Anti-Ligature Kit





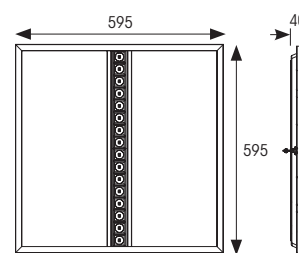


# Juno

- Architectural LED recessed modular suitable for education, commercial and healthcare applications
- UGR<19 (unified glare rating) compliant luminaire assisting to eliminate glare for visual comfort
- Dual direct / indirect output. Direct from the centre micro-prism centre line coupled with indirect output from the side diffuser sections. Providing a perfect combination for task and ambient lighting from one source
- Black polycarbonate micro reflector low glare design
- Micro-prism diffuser design ensures reduced glare and visual comfort
- Power and CCT selectable; offering a choice of 4 outputs and 3 colour temperature options, in one luminaire
- OCTO compatible tunable white version available with CCT selection between 2700K-5000K ideal for any Human Centric Lighting requirements
- TPa as standard



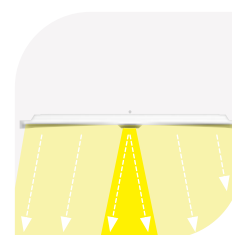
485



Micro-prism diffuser design ensures reduced glare and visual comfort



Black polycarbonate micro reflector design provides low glare



Indirect illumination provided from the side and direct illumination from the centre

INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP
220/240V	50/60Hz	-10°C to 45°C	L70 54,000	80	6	70°	2	IP40

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LMW	UGR
<b>AJUN/1</b>	600 x 600 - Cool White	20W - 36W	3000K/4000K/6500K	2500lm - 4400lm (4000K)	125lm/W (4000K)	18
<b>AJUN/1/TW/OCTO</b>	600 x 600 - Tunable White		2700K - 5000K	4100lm - 4200lm (3000K-6500K)		

\* UGR Value based on (4H - 8H)

CODE (OPTIONS)	DESCRIPTION
<b>/DM3</b>	DALI Emergency
<b>/OCTO</b>	OCTO Smart Control

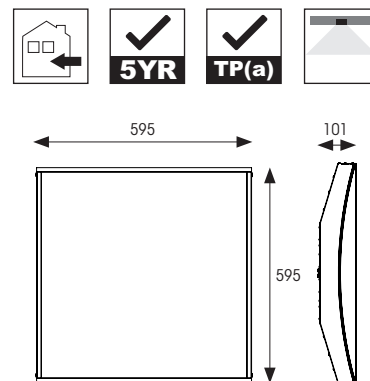
CODE (OPTIONS)	DESCRIPTION
<b>/DD</b>	Digital Dimming (DD1/DD3/DD4)

CODE (ACCESSORIES)	DESCRIPTION
<b>AARX60K/1</b>	600x600 Anti-Ligature Kit



# Siipa Solo

- High performance indirect recessed luminaire Ideal for office or commercial applications
- One piece curved diffuser provides a unique aesthetic
- Selectable CCT between 3000K, 4000K and 6500K
- TP(a) as Standard



Powered by  
**CASAMBI**



INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP
220/240V	50/60Hz	-20°C to 50°C	L80 100,000	80	5	80°	2	IP20

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W	UGR
<b>ASPASL</b>	600 x 600 - CCT Selectable	19W	3000K/4000K/6500K	2300lm (4000K)	122lm/W (4000K)	16

\* UGR Value based on (4H - 8H)

CODE (OPTIONS)	DESCRIPTION
<b>/M3</b>	Emergency
<b>/SM3</b>	Self-Test Emergency
<b>/DM3</b>	DALI Emergency

CODE (OPTIONS)	DESCRIPTION
<b>/OCTO</b>	OCTO Smart Control
<b>/DD</b>	Digital Dimming (DD1/DD3/DD4)

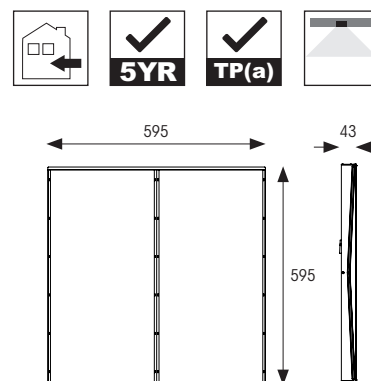
CODE (ACCESSORIES)	DESCRIPTION
<b>AARX60K/1</b>	600x600 Anti-Ligature Kit





# Siipa Dual

- High performance indirect recessed luminaire Ideal for office or commercial applications
- Selectable CCT between 3000K, 4000K and 6500K
- TP(a) as Standard



Powered by  
**CASAMBI**



INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP
220/240V	50/60Hz	-20°C to 40°C	L80 100,000	80	5	90°	2	IP20

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W	UGR
<b>ASPADL</b>	600 x 600 - CCT Selectable	19W	3000K/4000K/6500K	2200lm (4000K)	119lm/W (4000K)	18

\* UGR Value based on (4H - 8H)

CODE (OPTIONS)	DESCRIPTION
<b>/M3</b>	Emergency
<b>/SM3</b>	Self-Test Emergency
<b>/DM3</b>	DALI Emergency

CODE (OPTIONS)	DESCRIPTION
<b>/OCTO</b>	OCTO Smart Control
<b>/DD</b>	Digital Dimming (DD1/DD3/DD4)

CODE (ACCESSORIES)	DESCRIPTION
<b>AARX60K/1</b>	600x600 Anti-Ligature Kit

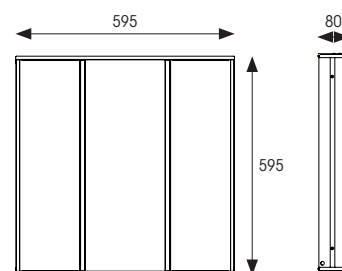




# Lota



- Recessed luminaire suitable for educational or commercial applications
- UGR<19 (unified glare rating) compliant luminaire ideal for most interior
- Selectable CCT between 3000K, 4000K and 6000K output
- Powder coated steel construction
- TP(a) as Standard



Powered by  
**CASAMBI**



INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP
220/240V	50/60Hz	-20°C to 40°C	L80 54,000	80	6	85°	2	IP20

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W	UGR
<b>ALOTLED</b>	600 x 600 - CCT Selectable	31W	3000K/4000K/6500K	3200lm (4000K)	110lm/W (4000K)	17

CODE (OPTIONS)	DESCRIPTION
<b>/M3</b>	Emergency
<b>/SM3</b>	Self-Test Emergency
<b>/DM3</b>	DALI Emergency

CODE (OPTIONS)	DESCRIPTION
<b>/OCTO</b>	OCTO Smart Control
<b>/DD</b>	Digital Dimming (DD1/DD3/DD4)

CODE (ACCESSORIES)	DESCRIPTION
<b>AARX60K/1</b>	600x600 Anti-Ligature Kit

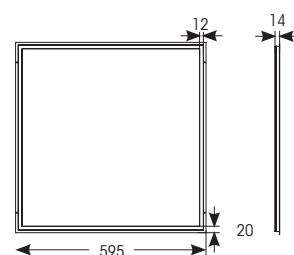




# Spektrum



- Minimalist LED panel frame for commercial and architectural applications
- Hollow illuminated frame allows installation of standard ceiling panel to sit inside frame and level with grid
- Integral switch allows the installer a choice of 3000K, 4000K and 6500K colour temperature options
- More decorative option for general illumination
- Retains all fire integrity of the ceiling



Powered by  
**CASAMBI**



INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP
220/240V	50/60Hz	-20°C to 45°C	L70 50,000	80	6	125°	2	IP20

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W	UGR
<b>ASPELED/60/CCT</b>	600 x 600 - CCT Selectable	27W	3000K/4000K/6500K	3000lm (4000K)	112lm/W (4000K)	20

\* UGR Value based on (4H - 8H)

CODE (OPTIONS)	DESCRIPTION
/M3	Emergency
/SM3	Self-Test Emergency
/DM3	DALI Emergency

CODE (OPTIONS)	DESCRIPTION
/OCTO	OCTO Smart Control
/DD	Digital Dimming (DD1/DD3/DD4)





# HEALTHCARE

Healthcare is a demanding environment, requiring lighting which allows healthcare staff to see clearly to diagnose, treat and care, whilst creating a space which ensures patients are calm and relaxed.

Our range of lighting for healthcare environments includes robust bulkheads with a wide range of features including corridor function, dimmable, photocell, microwave sensor and emergency options. We also offer ultra-robust linears and cornice fittings as well as thoughtfully designed anti-ligature fixtures for the protection of individuals who are deemed to be at risk.

495



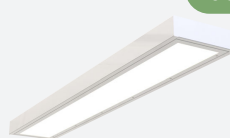
**ANTI-LIGATURE  
KITS**

498



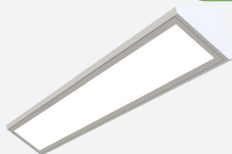
**BULKHEAD**

500



**LINEAR**

501



**CORNICE**

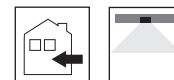
502



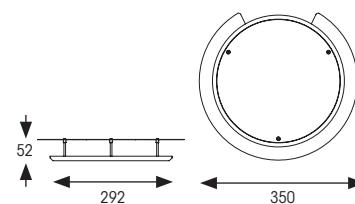
**RECESSED LINEAR**



# ARX Downlight Kit



- Anti-ligature downlight recessing frame kit suitable for healthcare and education applications
- Slimline design blends into ceiling giving aesthetically pleasing, near seamless appearance of ceiling integration
- TP(a) polycarbonate diffuser and anti-tamper screws provides durability and resistance to vandalism
- **Suitable for use with all Comfort (p118 - p121) ranges and AVANTLED4 and AVANTLG4/\*\* Vantage downlight ranges (p122 - p124)**
- **Please note: This product comes supplied less downlight**



Fitted with  
Comfort Downlight



Kit uninstalled

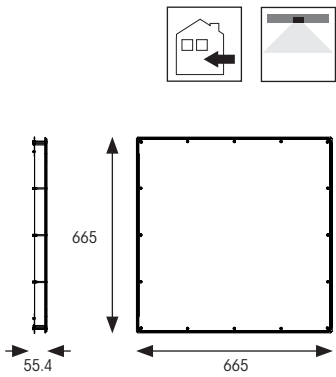


Fitted with  
Vantage Downlight

CODE	DESCRIPTION	IP	IK
AARXDLK/1	Downlight Anti-Ligature Kit	IP20	IK10

# ARX 600x600 Kit

- Anti-ligature 600x600 recessing frame kit suitable for healthcare and educational applications
- Slimline design blends into ceiling giving aesthetically pleasing, near seamless appearance of ceiling integration
- TP(a) polycarbonate diffuser and anti-tamper screws provides durability and resistance to vandalism
- **Suitable for use with all Pace, Endurance, Juno, Neptune, Lota, Siipa Solo and Siipa Dual 600x600 ranges**
- **Please note: This product comes supplied less 600x600 panel**



Fitted with  
Pace 600x600 Panel

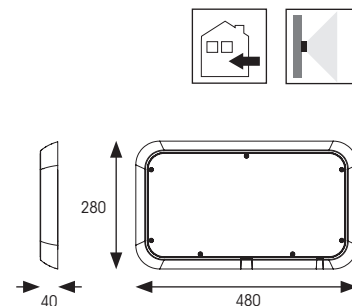


Kit uninstalled

CODE	DESCRIPTION	IP	IK
AARX60K/1	600x600 Anti-Ligature Kit	IP20	IK10

## ARX Adler Exit Box

- Anti-ligature Adler exit box surface frame kit suitable for healthcare and education applications
- Slimline frame design provides sleek appearance
- TP(a) polycarbonate diffuser and anti-tamper screws provides durability and resistance to vandalism
- **Only suitable for use with Adler exit box (p514)**
- **Please note: This product comes supplied less Adler Exit Box**



Fitted with  
White Exit Box



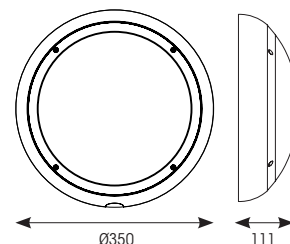
Kit uninstalled

CODE	DESCRIPTION	IP	IK
AARXADK/1	Anti Ligature Exit Box Kit	IP20	IK10

# ARX Bulkhead



- Anti-Ligature IP65 IK10 CCT polycarbonate luminaire suitable for healthcare and educational applications
- CCT selectable between 3000K and 4000K and power selectable; offering a choice of 2 outputs in one luminaire
- IK10 polycarbonate construction ensures maximum strength and durability
- Deep bezel design mounts flush with installation surface, not allowing access to the rear of the fitting without first removing the bezel
- Anti-tamper screws prevent vandalism or removal of bezel with standard tools
- Clip in gear tray ensures quick installation
- Corridor function options available for effective reduction in energy consumption
- Dimmable, MWS and Emergency options available
- Powered by Tridonic



INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP	IK
220/240V	50/60Hz	-10°C to 40°C	L80 90,000	80	6	110°	2	IP65	IK10

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W
AARXB/1	CCT Selectable	10W - 18W	3000K/4000K	1300lm - 2200lm (4000K)	130lm/W - 120 lm/W (4000K)

CODE (OPTIONS)	DESCRIPTION
/SM3	Self-Test Emergency
/DM3	DALI emergency
/MWS	Integral Microwave Sensor

CODE (OPTIONS)	DESCRIPTION
/DD	Digital Dimming (DD1/DD3/DD4)
/CF	Corridor Function

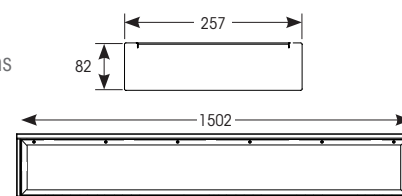




# ARX Surface Linear



- Ultra robust anti-ligature surface linear fitting suitable for healthcare, education and external subway/walkway applications
- IK10 and IP65 ratings ensure anti-vandal resistance and suitability for anti-ligature applications
- Intelligently designed 2 part construction means fewer screws when removing and re-attaching front frame, ensuring a quick and easy installation
- CCT selectable between 4000K, 5000K and 6500K and power selectable; offering a choice of 4 outputs in one luminaire



Black

INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP	IK
220/240V	50/60Hz	-20°C to 40°C	L80 90,000	80	4	100°	1	IP65	IK10

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W	UGR
AARXL5/1/W	1500mm - White	14/28/43/57W	4000K/5000K/6500K	1800-7300lm (4000K)	130lm/W (4000K)	20
AARXL5/1/B	1500mm - Black					

\* UGR Value based on (4H - 8H)

CODE (OPTIONS)	DESCRIPTION
/SM3	Self-Test Emergency
/DM3	DALI Emergency

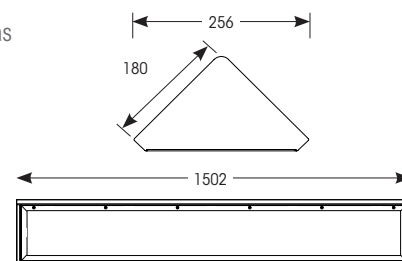
CODE (OPTIONS)	DESCRIPTION
/DD	Digital Dimming (DD1/DD3/DD4)
/MWS	Integral Microwave Sensor
/OCTO	OCTO Smart Control

# ARX Cornice



501

- Ultra robust anti-ligature Cornice fitting suitable for healthcare, education and external subway/walkway applications
- IK10 and IP65 ratings ensure anti-vandal resistance and suitability for anti-ligature applications
- Intelligently designed 2 part construction means fewer screws when removing and re-attaching front frame, ensuring a quick and easy installation
- CCT selectable between 4000K, 5000K and 6500K and power selectable; offering a choice of 4 outputs in one luminaire



Black

INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP	IK
220/240V	50/60Hz	-20°C to 40°C	L80 90,000	80	4	100°	1	IP65	IK10

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W	UGR
AARXC5/1/W	1500mm - White	14/28/43/57W	4000K/5000K/6500K	1800-7300lm (4000K)	130lm/W (4000K)	20
AARXC5/1/B	1500mm - Black					

\* UGR Value based on (4H - 8H)

CODE (OPTIONS)	DESCRIPTION
/SM3	Self-Test Emergency
/DM3	DALI Emergency

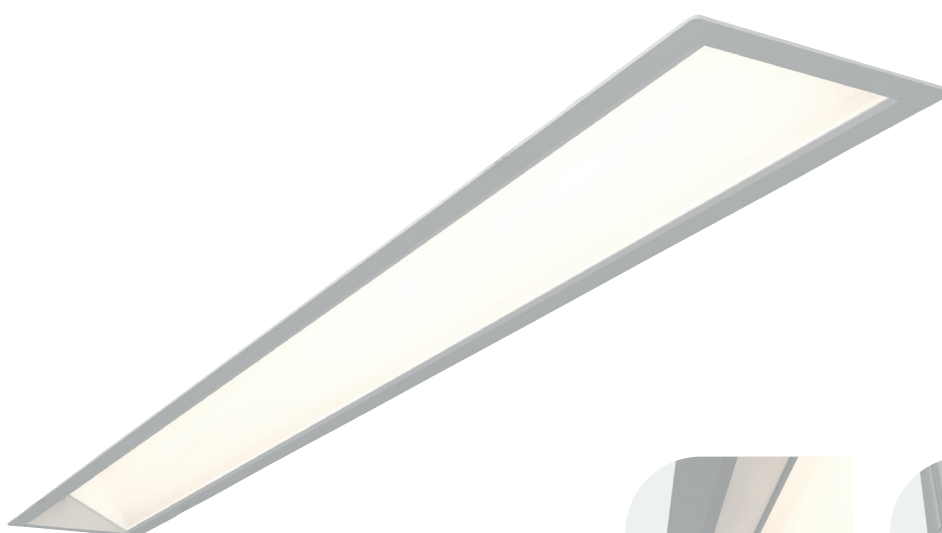
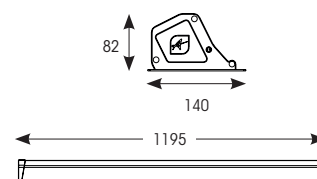
CODE (OPTIONS)	DESCRIPTION
/DD	Digital Dimming (DD1/DD3/DD4)
/MWS	Integral Microwave Sensor
/OCTO	OCTO Smart Control



# Hope Asymmetric Linear



- Anti-Ligature asymmetrical recessed linear suitable for healthcare applications
- CCT selectable between 3000K, 4000K and 5000K and power selectable; offering a choice of 2 outputs, in one luminaire
- Specially designed angled polycarbonate diffuser provides asymmetric light output, directing the light down and outwards, allowing installation into the perimeter or corridor and circulation areas, perfect for healthcare applications
- Integral fixing clips allow for installation into plasterboard ceilings
- High efficiency up to 120lm/w
- Dimmable and Emergency options, standard and Self-Test Emergency available using the Hawk Kit Emergency Pack



Angled diffuser provides asymmetric light output



Special clip design allows for installation into plasterboard ceilings

INPUT	HERTZ	TEMP	LIFETIME (HRS)	CRI	SDCM	BEAM ANGLE	CLASS	IP
220/240V	50/60Hz	-25°C to 50°C	L80 54,000	80	5	75°/110°	2	IP40

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W	UGR
AHOPL4/1	1200mm - Selectable CCT	18W-28W	3000/4000/5000K	2200lm - 3300lm (4000K)	120lm/W (4000K)	24

\* UGR Value based on (4H - 8H)

CODE (OPTIONS)	DESCRIPTION
/SM3	Self-Test Emergency
/DD	Digital Dimming (DD1/DD3/DD4)

CODE (ACCESSORIES)	DESCRIPTION
AHUEMKIT/LI	Maintained/Non-maintained - Universal Emergency Pack







# EMERGENCY

From exit boxes to downlights, bulkheads to signs, our comprehensive range of emergency lights meet all project specifications.

The majority of our fittings are powered by pulse charging lithium battery, making our emergency luminaires reliable and long-lasting, with most products having a five or six year battery life and warranty. Many products such as the Guardian Bulkhead and Adler Exit Sign also incorporate intelligent self-test technology, eliminating the requirement for manual testing for speedy and accurate maintenance.

508



BULKHEAD

514



EXIT BOX

520



EXIT SIGN

526



TWINSPOT

530

RECESSED  
DOWNLIGHT

536

SURFACE  
DOWNLIGHT

539



WALL

540



TRACK

542



ACCESSORIES



# LITHIUM BATTERY TECHNOLOGY

## SMALLER BATTERY

Lithium has a smaller form factor allowing more flexibility with luminaire design

## PROTECTION

Lithium batteries are installed with protection. Constant monitoring against short circuit, over-charging and even mechanical damage

## LOWER PARASITIC LOAD

Lower parasitic load; reduced power consumption. Therefore reduced costs and reduced carbon footprint.

## PULSE CHARGING

Pulse charging instead of trickle charging. Less strain on components; therefore electronics last longer and longer warranties can be offered.

## ECO

### 5 YEAR

Battery Warranty  
Product Warranty



## PRO

### 6 YEAR

Battery Warranty  
Product Warranty



# SIMPLE SELF-TEST

## BENEFITS

### Convenience

Test results are carried out by observation rather than manually testing each fitting. No need to isolate mains supply to test, ensuring minimal disruption to normal running of office and/or site.

### Cost Saving

No requirements for key switches or data cables. Dedicated maintenance personnel are required only to record and rectify faults; not initiate testing and inspection.

### Compliance

No possibility of missed scheduled tests; automatic monthly and annual tests provides building compliance, ensuring adherence to all relevant emergency and automatic testing standards.

### Easy Fault Identification

Bi-colour indicators display system status. Green LED indicates test complete and a healthy system. Constant red LED indicates a battery failure. Slow flashing red LED indicates system / duration test failure. Fast flashing red LED indicates Lamp / LED failure

## WHAT IS SELF-TEST?

Self-Test is an intelligent emergency system, integral to each luminaire, that conducts routine functional and duration testing, in-line with the relevant standards and therefore offering full compliance. Self-test eliminates the requirements for manual testing; automatic fault indicators allow for speedy, accurate maintenance.

## HOW IT WORKS

When the unit is first installed the fitting will randomly select a test date of between 200 and 365 days. Once this date is set it will continue to test at the same time every year for a full 3 hour test. Once the product has been on charge for 24 hours, the luminaire will illuminate for 5 seconds for test purposes. Every 30 days the installation will be tested for 10 minutes and the luminaire will show either regular function, or a fault as shown in the diagram below.

#### Test Mode

The luminaire will illuminate during test conditions



#### Regular Function

The luminaire will show a constant green LED in normal conditions



#### Battery Failure

(Constant red LED)  
The luminaire will show a red light to indicate the failure (please see below for full diagnosis)



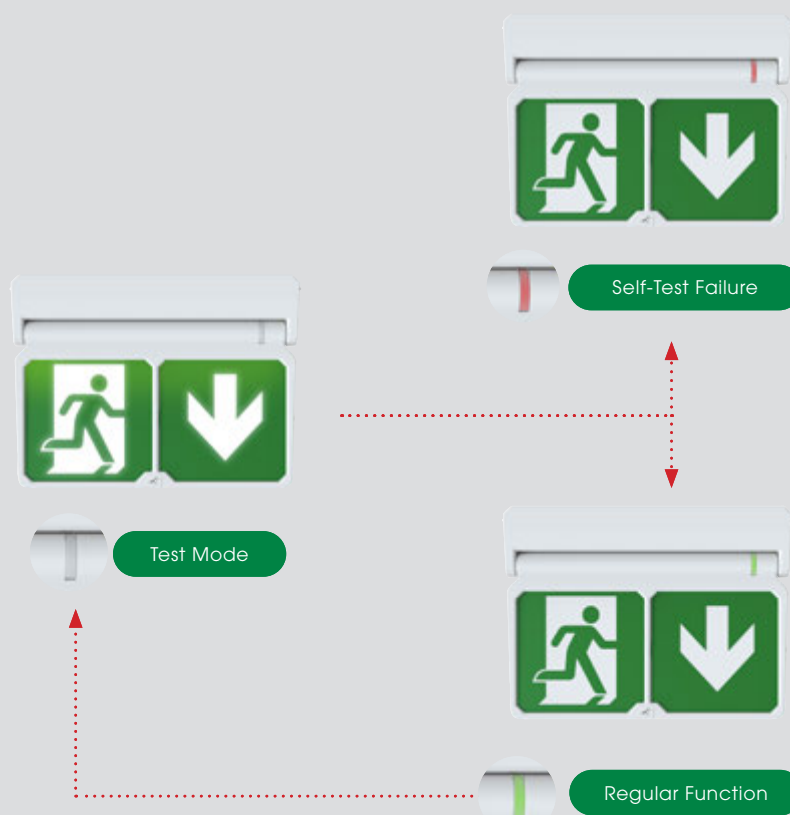
#### System Failure

(Slow flashing red LED)  
If the system fails the 10 minute / 3 hour duration test then the red LED will flash slowly



#### Lamp/LED Failure

(Fast flashing red LED)  
If the lamp/LED's fail the red light will flash quickly





# SELF-TEST RANGE

507

508



Guardian

511



Kite

512-513



Osprey Range

514



Adler Slim Exit Box

516



EndLED

518



Encore

519



Watchman

520



Adler Exit Sign

522



Eagle

523



Kestrel

524



Razzo

525



Harrier

526



Condor

527



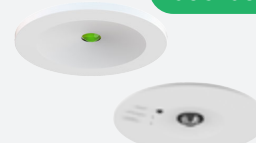
Raptor

528



Owl High Output

530-531



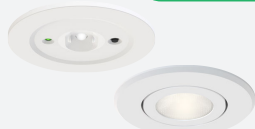
Signal and Signal Pro

532



Merlin

533-534



Beacon

535



Raven

536-538



Falcon and Falcon Pro

539



Falcon Wall

540



Legion

542



Panel Pod Emergency

545-546

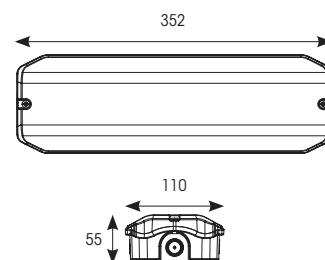


Hawk

# Guardian



- Ultra-slim profile LED polycarbonate bulkhead
- Supplied with self-adhesive legend
- Self-test as standard
- 20mm side, end and rear cable entries
- LiFePO4 Lithium battery provides improved energy consumption, product reliability and lifetime
- Quick release LED array/gear tray assembly provides the installer the means to faster installation/maintenance
- Viewing distance 18 metres



	Open (Anti-Panic) area (0.5 Lux Minimum)**				
Mounting Height (M)					
2.5		3	6.5	3	6.5
4		3	7.5	3	7.5
6		2.5	8	2.5	8

	Escape route 2 metres wide (1 Lux minimum) *				
Mounting Height (M)					
2.5		3	7.5	1.8	4.5
4		3	7	1	3.5
-		-	-	-	-

INPUT	HERTZ	TEMP	LIFETIME (HRS)	BEAM ANGLE	CLASS	IP	IK
220/240V	50/60Hz	5°C to 40°C	L70 36,000	130°	2	IP65	IK08

CODE	DESCRIPTION	WATTAGE	CCT	STANDARD MODE	EMERGENCY MODE
AGLED/3M	Daylight - Maintained / Non-Maintained	3W	6500K	173lm	167lm

CODE (ACCESSORIES)	DESCRIPTION
AGLED/KIT	Semi-Recessing Kit
ASBP/30/LI	3.2V 1500mAh LiFePO4 Replacement Battery



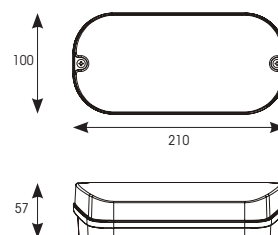




# Swift



- IP65 Compact Emergency Bulkhead
- Supplied with self-adhesive legend
- Optic design provides optimum performance for escape route lighting
- Side and rear cable entries
- Screwless gear tray for ease of installation
- Viewing distance 17 metres



Open (Anti-Panic) area (0.5 Lux Minimum) **					
Mounting Height (M)	Transverse to Wall	Transverse to Transverse	Axial to Wall	Axial to Axial	
2.5	2.5	6	1.98	6	
4	2.24	7.5	1.98	6	
6	2.24	5.9	1.98	5.79	

Escape route 2 metres wide (1 Lux minimum) *					
Mounting Height (M)	Transverse to Wall	Transverse to Transverse	Axial to Wall	Axial to Axial	
2.5	1.48	5	1.48	5.6	
4	1.2	4	0.72	4.5	
-	-	-	-	-	

INPUT	HERTZ	TEMP	LIFETIME (HRS)	BEAM ANGLE	CLASS	IP	IK
220/240V	50/60Hz	0°C to 40°C	L70 50,000	105°/120°	1	IP65	IK08

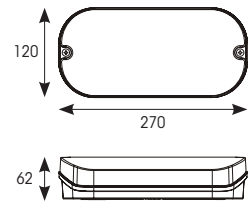
CODE	DESCRIPTION	WATTAGE	CCT	STANDARD MODE	EMERGENCY MODE
ASWTLED/3M	Daylight - Maintained / Non-Maintained	3W	6500K	173lm	64lm

CODE (ACCESSORIES)	DESCRIPTION
ASBP/1	3.6V 600mAh Ni-Cd Replacement Battery





- Modern ultra-slim profile IP65 LED polycarbonate bulkhead
- Self-test as standard
- Aesthetically designed for modern appearance
- Supplied with self-adhesive legend
- 20mm side and rear cable entries
- Hinged screwless gear tray for ease of installation
- Viewing distance 20 metres



Open (Anti-Panic) area (0.5 Lux Minimum) **					
Mounting Height (M)	Transverse to Wall	Transverse to Transverse	Axial to Wall	Axial to Axial	
2.5	2.1	6	2.1	6	
4	2.4	7	2.4	7	
6	2.1	7	2.1	7	

Escape route 2 metres wide (1 Lux minimum) *					
Mounting Height (M)	Transverse to Wall	Transverse to Transverse	Axial to Wall	Axial to Axial	
2.5	1.5	5	1.3	5.5	
4	1.3	5	1.2	5.5	
-	-	-	-	-	

INPUT	HERTZ	TEMP	LIFETIME (HRS)	BEAM ANGLE	CLASS	IP	IK
220/240V	50/60Hz	0°C to 40°C	L70 50,000	120°	1	IP65	IK08

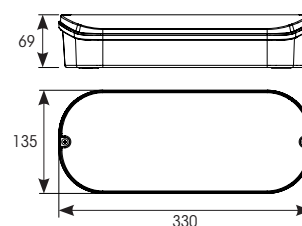
CODE	DESCRIPTION	WATTAGE	CCT	STANDARD MODE	EMERGENCY MODE
AKTLED/3M/ST	Daylight - Maintained / Non-Maintained	3W	6500K	138lm	67lm

CODE (ACCESSORIES)	DESCRIPTION
ASBP/22/LI	3.2V 1000mAh Li-FePO4 Replacement Battery

# Osprey High Rack



- Modern slim profile IP65 LED polycarbonate bulkhead
- Compact high polished reflector design to provide required light level from high mounting heights
- High performance LED's and optical performance allows increased spacing ratios
- Self-test as standard
- Aesthetically designed for modern appearance
- 20mm side and rear cable entries



	Open (Anti-Panic) area (0.5 Lux Minimum) **				
	Mounting Height (M)	Transverse to Wall	Transverse to Transverse	Axial to Wall	Axial to Axial
	10	5.2	14.5	5.2	14.5
	15	5.2	18	5.2	18

	Escape route 2 metres wide (1 Lux minimum) *				
	Mounting Height (M)	Transverse to Wall	Transverse to Transverse	Axial to Wall	Axial to Axial
	2.5	-	-	4.5	20
	4	-	-	2.5	17

INPUT	HERTZ	TEMP	LIFETIME (HRS)	BEAM ANGLE	CLASS	IP	IK
220/240V	50/60Hz	0°C to 40°C	L70 50,000	60°/100°	1	IP65	IK08

CODE	DESCRIPTION	WATTAGE	CCT	STANDARD MODE	EMERGENCY MODE
AOSLED/3M/ST	Maintained / Non-Maintained	8W	6500K	550lm	405lm

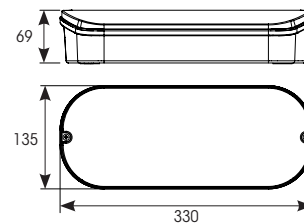
CODE (ACCESSORIES)	DESCRIPTION
ASBP/15/LI	6.4V 5500mAh-5 Li-FePO4 Replacement Battery

# Osprey Cold Store



513

- Modern slim profile IP65 LED polycarbonate bulkhead
- Compact high polished reflector design to provide required light level from high mounting heights
- High performance LED's and optical performance allows increased spacing ratios
- Cold store option incorporates an intelligent integral heat management system to operate in cold store applications down to -30°C
- Self-test as standard
- Aesthetically designed for modern appearance
- 20mm side and rear cable entries



**COLD  
STORE**

	Open (Anti-Panic) area (0.5 Lux Minimum)**				
	Mounting Height (M)	Transverse to Wall	Transverse to Transverse	Axial to Wall	Axial to Axial
	10	5.2	14	5.2	14
	15	5.2	17	5.2	17

	Escape route 2 metres wide (1 Lux minimum) *				
	Mounting Height (M)	Transverse to Wall	Transverse to Transverse	Axial to Wall	Axial to Axial
	10	-	-	4.5	20
	15	-	-	1.6	14.5

INPUT	HERTZ	TEMP	LIFETIME (HRS)	BEAM ANGLE	CLASS	IP	IK
220/240V	50/60Hz	-30°C to 5°C	L70 50,000	60°/100°	1	IP65	IK08

CODE	DESCRIPTION	WATTAGE	CCT	STANDARD MODE	EMERGENCY MODE
AOSLED/3M/CS	Maintained / Non-Maintained - Cold Store	22W	6500K	445lm	354lm

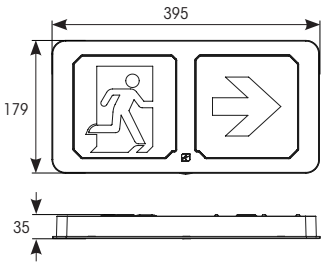
CODE (ACCESSORIES)	DESCRIPTION
ASBP/16	4.8V 4Ah Ni-Cd Replacement Battery (for use with Cold Store fitting)



# Adler Slim Exit Box



- Low profile compact and modern polycarbonate LED exit box
- Rotatable legends to reduce waste and increase flexibility
- LiFePO4 Lithium battery provides improved energy consumption, product reliability and lifetime
- Self-test emergency as standard
- 20mm side cable entries, plus rear BESA mounting
- Available in black and white finishes



Fitted with Anti Ligature Exit Box Kit



Rotatable legend design allows for selection of direction



Black

INPUT	HERTZ	TEMP	LIFETIME (HRS)	CLASS	IP
220/240V	50/60Hz	5°C to 40°C	L70 54,000	2	IP20

CODE	DESCRIPTION	WATTAGE	CCT	VIEWING DISTANCE
AADLSE/W	Maintained / Non-Maintained - White	2W	6500K	35 metres
AADLSE/BLK	Maintained / Non-Maintained - Black			

CODE (ACCESSORIES)	DESCRIPTION
ASBP/31/LI	6.4V 1500mAh LiFePO4 Replacement Battery
AARXADK/1	Anti Ligature Exit Box Kit

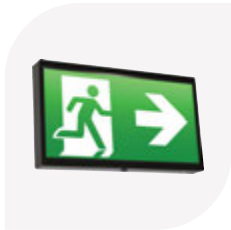
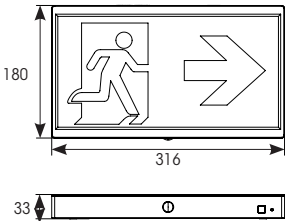




# EndLED



- Low profile compact and modern polycarbonate LED exit box
- LiFePO4 Lithium battery provides improved energy consumption, product reliability and lifetime
- Self-test emergency as standard
- Supplied with all legend options - arrow down, arrow up and arrow left/right
- 20mm top and rear cable entries
- Available in black and white finishes



Black

INPUT	HERTZ	TEMP	LIFETIME (HRS)	CLASS	IP
220/240V	50/60Hz	5°C to 40°C	L70 54,000	2	IP20

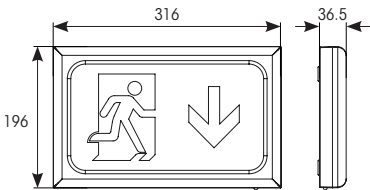
CODE	DESCRIPTION	WATTAGE	CCT	VIEWING DISTANCE
AENLED/LI/3M/ST	Maintained / Non-Maintained - White	2.5W	6500K	30 metres
AENLED/LI/3M/ST/B	Maintained / Non-Maintained - Black			
AENLED/LI/3M/DA	Maintained / Non-Maintained - DALI - White	2.5W	6500K	30 metres
AENLED/LI/3M/DA/B	Maintained / Non-Maintained - DALI - Black			

CODE (ACCESSORIES)	DESCRIPTION
ASBP/18	3.2V 1500mAh Li-FePO4 Lithium Replacement Battery



# Encore

- Ultra slim modern LED exit box
- LiFePO4 Lithium battery provides improved energy consumption, product reliability and lifetime
- Neat picture frame appearance compared to conventional fluorescent exit signs
- Supplied with all legend options - arrow down, arrow up and arrow left/right
- Available in white and silver grey finishes
- Self-test option



Silver Grey

INPUT	HERTZ	TEMP	LIFETIME (HRS)	CLASS	IP
220/240V	50/60Hz	0°C to 40°C	L70 50,000	1	IP20

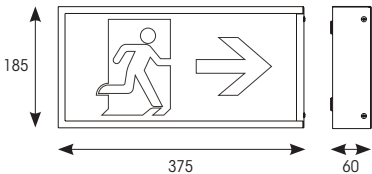
CODE	DESCRIPTION	WATTAGE	CCT	VIEWING DISTANCE
AENC/1/W	Maintained/Non-Maintained - White	3W	6500K	29 metres
AENC/1/SG	Maintained/Non-Maintained - Silver Grey			
AENC/1/W/ST	Maintained/Non-Maintained - White - Self-test			

CODE (ACCESSORIES)	DESCRIPTION
ASBP/32/LI	3.2V 1500mAh LiFePO4 Replacement Battery





- Slim white steel LED exit box with legend
- LiFePO4 Lithium battery provides improved energy consumption, product reliability and lifetime
- Self-test emergency as standard
- Larger dimensions enables easy retrofit replacement of fluorescent products



INPUT	HERTZ	TEMP	LIFETIME (HRS)	CLASS	IP
220/240V	50/60Hz	0°C to 40°C	L70 50,000	1	IP20

CODE	DESCRIPTION	WATTAGE	CCT	VIEWING DISTANCE
AWAT/1	Maintained / Non-Maintained	3W	6500K	37 metres

CODE (ACCESSORIES)	DESCRIPTION
AG8/L/AD	Legend - Arrow Down
AG8/L/AR	Legend - Arrow Right

CODE (ACCESSORIES)	DESCRIPTION
AG8/L/AL	Legend - Arrow Left
AG8/L/AU	Legend - Arrow Up

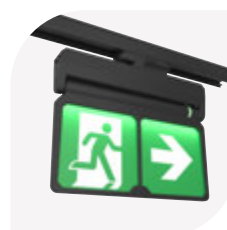
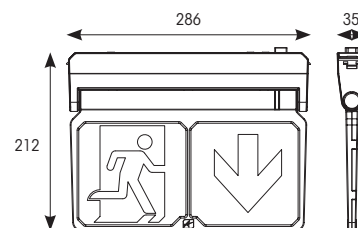
CODE (BATTERY)	DESCRIPTION
ASBP/3/LI	3.2V 1500mAh LiFePO4 Replacement Battery



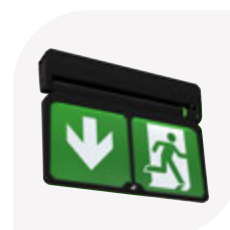
# Adler Exit Sign



- Light weight contemporary Ansell design, multiple install options LED Exit Sign
- Rotatable legends to reduce waste and increase flexibility
- One fitting that enables choice of five different mounting options:  
Suspension, Recessed, Ceiling surface, Wall surface, Side arm wall mounting
- 1 metre suspension cable supplied as standard
- LiFePO4 Lithium battery provides improved energy consumption, product reliability and lifetime
- Available in black and white finishes
- Self-test emergency as standard
- DALI Emergency option available
- Track adaptor option available allowing installation into Primo Three Circuit Track Systems



AADL/P3/3M/B Three  
Circuit Track



Black

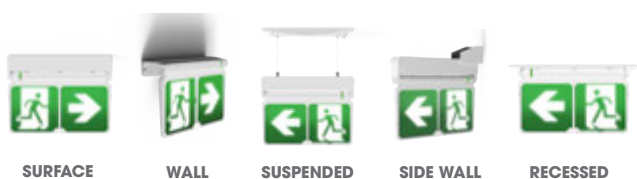
INPUT	HERTZ	TEMP	LIFETIME (HRS)	CLASS	IP
220/240V	50/60Hz	0°C to 40°C	L70 50,000	1	IP20

CODE	DESCRIPTION	WATTAGE	CCT	VIEWING DISTANCE
AADL/3M/W	Maintained / Non-Maintained - White			
AADL/3M/W/DM3	Maintained / Non-Maintained - White - DALI	2W	6500K	25 metres
AADL/P3/3M/W	Maintained / Non-Maintained - White - Three Circuit Track			
AADL/3M/BLK	Maintained / Non-Maintained - Black			
AADL/3M/BLK/DM3	Maintained / Non-Maintained - Black - DALI	2W	6500K	25 metres
AADL/P3/3M/B	Maintained / Non-Maintained - Black - Three Circuit Track			

CODE (ACCESSORIES)	DESCRIPTION
AADL/WB/W	Wall Bracket - White
AADL/WB/BLK	Wall Bracket - Black

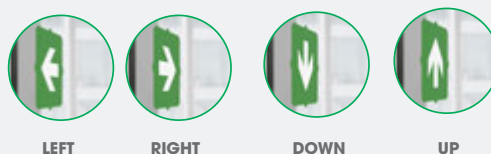
CODE (ACCESSORIES)	DESCRIPTION
AADL/SRK/W	Semi-Recessing Kit - White
AADL/SRK/BLK	Semi-Recessing Kit - Black

CODE (ACCESSORIES)	DESCRIPTION
ASBP/22/LI	3.2V 1000mAh Li-FePO4 Replacement Battery



## Mounting Options

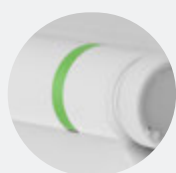
This one fitting enables a choice of five different mounting options: Suspension, Recessed, Ceiling surface, Wall surface, Side arm wall mounting. To side wall mount and recess, additional accessories are required.



## Rotatable Legend

The arrow legend can be rotated according to the needs of the space, this reduces waste and increases flexibility. There is no need to order separate legends when ordering.

Supplied with **2x** arrow legends and **2x** running man legends



## Simple Self-Test

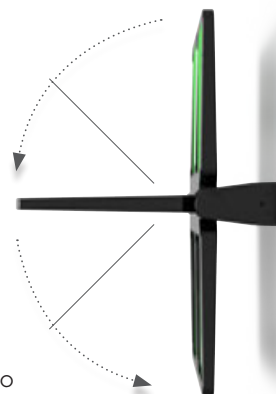
The Self-Test indicators on both the Slim Exit Sign and Exit box have been strategically placed, allowing complete visibility and easy identification of emergency status with just a glance.



**0°-180°  
ROTATION**

## Adjustable Design

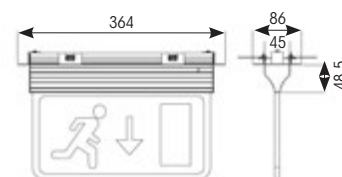
The Exit Sign has been designed with flexibility in mind. The unique ratchet adjustment design allows the legend to be adjusted and fixed at any angle between 0-180, ensuring the Adler Slim Exit Sign can be installed almost anywhere.



# Eagle



- Modern, slim, 5-In-1 LED Exit Sign
- One fitting that enables choice of three different mounting options :- suspension, recessed or side arm wall mounting
- 1 metre suspension cable supplied as standard
- Supplied with all legend options - arrow down, arrow up and arrow left/right
- Viewing distance 25 metres
- Self-test option



Left to right: Suspension, Wall Mounting, Side Arm Wall Mounting, Surface, Recessed

Silver

INPUT	HERTZ	TEMP	LIFETIME (HRS)	CLASS	IP
220/240V	50/60Hz	0°C to 40°C	L70 50,000	1	IP20

CODE	DESCRIPTION	WATTAGE	CCT	VIEWING DISTANCE
AE3LED/3M/W	Maintained/Non-Maintained - White	3W	6500K	25 metres
AE3LED/3M/SI	Maintained/Non-Maintained - Silver			
AE3LED/3M/W/ST	Maintained/Non-Maintained - White - Self-test			

CODE (ACCESSORIES)	DESCRIPTION
AE3LED/SWB/W	Side Wall Bracket Accessory - White
AE3LED/SWB/SI	Side Wall Bracket Accessory - Silver
AE3LED/CPA/W	Ceiling Plate Accessory - White
AE3LED/CPA/SI	Ceiling Plate Accessory - Silver

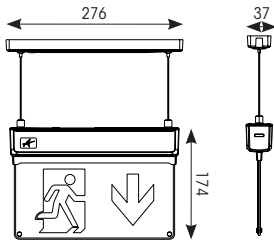
CODE (ACCESSORIES)	DESCRIPTION
AE3LED/ALAR	Double Sided Legend - Arrow Left and Right
AE3LED/L/AD	Double Sided Legend - Arrow Down
AE3LED/L/AU	Double Sided Legend - Arrow Up

CODE (ACCESSORIES)	DESCRIPTION
ASBP/22/LI	3.2V 1000mAh Li-FePO4 Replacement Battery





- Ultra slim suspended LED emergency exit sign
- LiFePO4 Lithium battery provides improved energy consumption, product reliability and lifetime
- 40cm suspension cable supplied as standard
- Supplied with all legend options - arrow down, arrow up and arrow left/right
- Viewing distance 24 metres
- Self-test emergency as standard



INPUT	HERTZ	TEMP	LIFETIME (HRS)	CLASS	IP
220/240V	50/60Hz	0°C to 40°C	L70 50,000	1	IP20

CODE	DESCRIPTION	WATTAGE	CCT	VIEWING DISTANCE
AKESLED/3M	Maintained/Non-Maintained	2W	6500K	24 metres

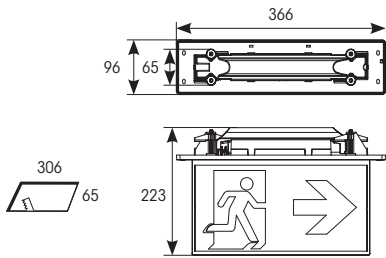
CODE (ACCESSORIES)	DESCRIPTION
ASBP/22/LI	3.2V 1000mAh Li-FePO4 Replacement Battery



Razzo



- Slim low profile recessed LED exit sign
- Supplied c/w all legends
- If not connected to DALI network self-test mode operates automatically
- Available in black and white finishes
- DALI emergency as standard



Black

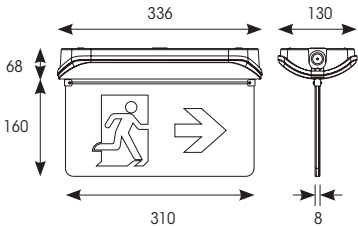
INPUT	HERTZ	TEMP	LIFETIME (HRS)	CLASS	IP
220/240V	50/60Hz	5°C to 40°C	L70 54,000	2	IP20

CODE	DESCRIPTION	WATTAGE	CCT	VIEWING DISTANCE
ARAZLED/LI/3M/DA	Maintained / Non-Maintained - White	4W	6500K	24 metres
ARAZLED/LI/3M/DA/B	Maintained / Non-Maintained - Black			

CODE (ACCESSORIES)	DESCRIPTION
ASBP/19	6.4V 1500mAh LiFePO4 Lithium Replacement Battery



- Self-test as standard
- Optional hanging blade legends (supplied with self-adhesive legend as standard) for enhanced appearance
- Aesthetically designed for modern appearance
- 20mm side and rear cable entries
- High output LED performance and distribution allows maximum spacing providing reduced cost



Installed without blade legend

INPUT	HERTZ	TEMP	LIFETIME (HRS)	BEAM ANGLE	CLASS	IP
220/240V	50/60Hz	0°C to 40°C	L70 50,000	110°	1	IP65

CODE	DESCRIPTION	WATTAGE	CCT	STANDARD MODE	VIEWING DISTANCE
AHARLED/3M/ST	Maintained/Non-Maintained	3W	6500K	130lm	25 metres

CODE (ACCESSORIES)	DESCRIPTION
AHARLED/ALAR	Double Sided Legend - Arrow Left and Right
AHARLED/L/AD	Double Sided Legend - Arrow Down
AHARLED/L/AU	Double Sided Legend - Arrow Up

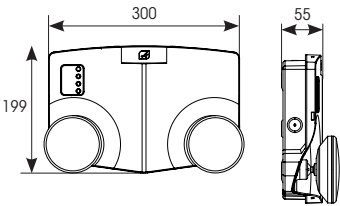
CODE (ACCESSORIES)	DESCRIPTION
ASBP/5/LI	3.2V 1500mAh Li-FePO4 Replacement Battery



# Condor



- Sleek modern polycarbonate moulded decorative twin spot
- Individual adjustable LED array's allowing the end user to aim output into the desired location
- Decorative design suitable for retail application
- Available in black and white finishes
- Self-test as standard



Black

INPUT	HERTZ	TEMP	LIFETIME (HRS)	BEAM ANGLE	CLASS	IP	IK
220/240V	50/60Hz	0°C to 40°C	L70 50,000	70°	1	IP20	IK08

CODE	DESCRIPTION	WATTAGE	CCT	EMERGENCY MODE
ACTSLED/W/3NM	Daylight - White - Twin Spot	5W	6500K	440lm
ACTSLED/B/3NM	Daylight - Black - Twin Spot			

CODE (ACCESSORIES)	DESCRIPTION
ASBP/28/LI	3.2V 5500mAh-6 Li-FePO4 Replacement Battery

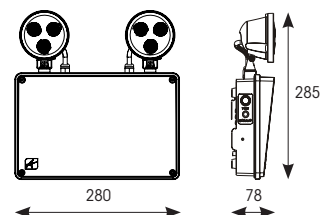


# Raptor



527

- Compact modern twin spot suitable for industrial and retail applications
- Standard option offers impressive 500 lumen output with high output option giving over 700 lumen outputs, ensuring suitability for a range of applications
- Moulded polycarbonate heads
- Individual adjustable heads allowing ultimate versatility up or down to aim output to desired height
- Self-test as standard with DALI emergency option



Black

INPUT	HERTZ	TEMP	LIFETIME (HRS)	BEAM ANGLE	CLASS	IP	IK
220/240V	50/60Hz	5°C to 40°C	L70 60,000	65°	2	IP66	IK06

CODE	DESCRIPTION	WATTAGE	CCT	EMERGENCY MODE
ARAP/1/W	Non-Maintained - White	3W	6500K	500lm
ARAP/1/B	Non-Maintained - Black			
ARAP/HO/1/W	Non-Maintained - White - HO	5W	6500K	730lm
ARAP/HO/1/B	Non-Maintained - Black - HO			
ARAP/1/W/DA	Non-Maintained - White - DALI	4W	6500K	600lm
ARAP/1/B/DA	Non-Maintained - Black - DALI			

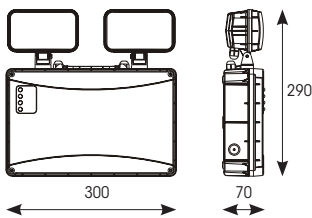
CODE (ACCESSORIES)	DESCRIPTION
ASBP/35	9.6V 1500mAh LiFePO4 Replacement Battery
ASBP/36	3.2V 6600mAh LiFePO4 Replacement Battery
ASBP/37	9.6V 3300mAh LiFePO4 Replacement Battery



# Owl High Output



- Self-test Twin LED emergency floodlight for industrial applications
- Robust white moulded enclosure
- Moulded polycarbonate heads
- Self-test as standard



INPUT	HERTZ	TEMP	LIFETIME (HRS)	BEAM ANGLE	CLASS	IP	IK
220/240V	50/60Hz	0°C to 40°C	L70 50,000	60°	1	IP66	IK08

CODE	DESCRIPTION	WATTAGE	CCT	EMERGENCY MODE
ATSLED/3NM/ST/HO	Non-Maintained	3W	6500K	706lm

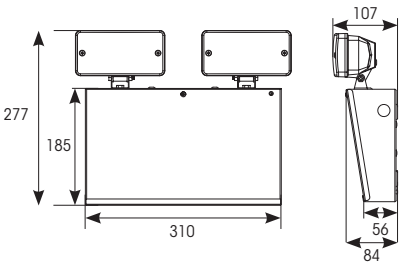
CODE (ACCESSORIES)	DESCRIPTION
ASBP/6/LI	6.4V 5.5Ah-5 Li-FePO4 Replacement Battery

# Twin Spot



529

- Twin LED emergency floodlighting for industrial applications
- LiFePO4 Lithium battery provides enhanced product lifetime
- Robust metal enclosure in an opal colour
- Moulded polycarbonate heads



INPUT	HERTZ	TEMP	LIFETIME (HRS)	BEAM ANGLE	CLASS	IP	IK
220/240V	50/60Hz	0°C to 40°C	L70 60,000	60°	1	IP20	IK10

CODE	DESCRIPTION	WATTAGE	CCT	EMERGENCY MODE
ATWS/1/NM	Non-Maintained	2W	6500K	440lm

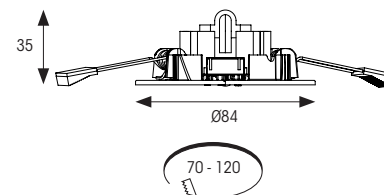
CODE (ACCESSORIES)	DESCRIPTION
ASBP/7/LI	3.2V 5500mAh LiFePO4 Replacement Battery



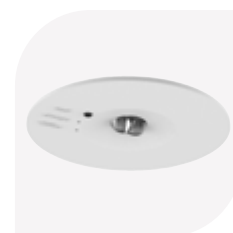
# Signal Pro



- LiFePO4 Lithium battery provides enhanced product lifetime
- Supplied with open area and escape route interchangeable lenses
- High specification optic design and performance allows increased spacing providing reduced cost
- DALI emergency as standard
- 70mm to 120mm cut-out
- If not connected to DALI network Self-test mode operates automatically



Open Area Lens



Escape Route Lens

Open (Anti-Panic) area (0.5 Lux Minimum) **					
Mounting Height (M)	Transverse to Wall	Transverse to Transverse	Axial to Wall	Axial to Axial	
2.5	4	8	4	8	
4	4.7	9	4.7	9	
6	4.9	9.5	4.9	9.5	

Escape route 2 metres wide (1 Lux minimum) *					
Mounting Height (M)	Transverse to Wall	Transverse to Transverse	Axial to Wall	Axial to Axial	
2.5	-	-	6	14	
4	-	-	5.5	16	
6	-	-	-	-	

INPUT	HERTZ	TEMP	LIFETIME (HRS)	BEAM ANGLE	CLASS	IP
220/240V	50/60Hz	5°C to 40°C	L80 72,000	Open area - 144° Escape route - 143°x120°	2	IP20

CODE	DESCRIPTION	WATTAGE	CCT	EMERGENCY MODE
ASPRLED/LI/3M/DA	Non-Maintained	2.5W	6500K	Open area - 240lm Escape route - 230lm

CODE (ACCESSORIES)	DESCRIPTION
ASBP/19	6.4V 1500mAh LiFePO4 Lithium Replacement Battery

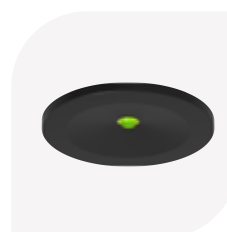
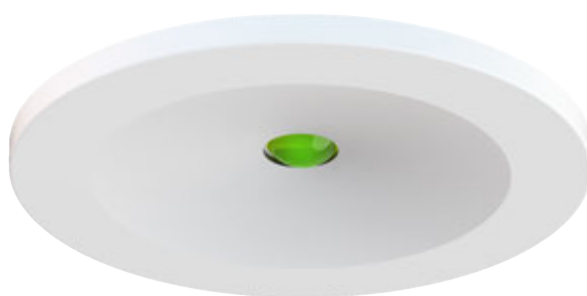
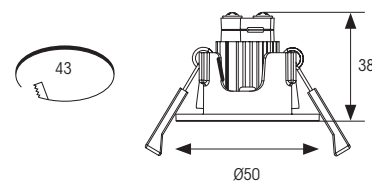


# Signal



531

- Economic and compact LED Non-Maintained fixed downlight ideal for use in hotel bedrooms
- Integral selector switch provides option of high/medium/low brightness of green charging indicator
- White and black powder coat paint finish
- LED combines power and green charge indicator
- Dimmable switch included for green charge indicator
- 3 hour emergency output
- Self-test as standard




Black



Included switch allows dimming for green LED charge indicator

Open (Anti-Panic) area (0.5 Lux Minimum)* *				
Mounting Height (M)	Transverse to Wall	Transverse to Transverse	Axial to Wall	Axial to Axial
2.5	3	6.5	3	6.5
4	3	8.5	3	8.5
6	3	9.5	3	9.5



Escape route 2 metres wide (1 Lux minimum) *					
Mounting Height (M)	Transverse to Wall	Transverse to Transverse	Axial to Wall	Axial to Axial	
2.5	-	-	2.5	6.8	
4	-	-	2.2	7	

INPUT	HERTZ	TEMP	LIFETIME (HRS)	BEAM ANGLE	CLASS	IP	IK
220/240V	50/60Hz	0°C to 40°C	L70 50,000	110°	1	IP20	IK08

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS
ASLED/3NM	Non-Maintained - White	2W	6500K	110lm
ASLED/3NM/B	Non-Maintained - Black			

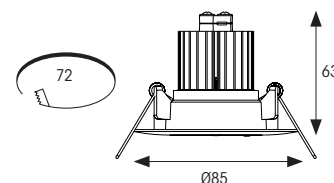
CODE (ACCESSORIES)	DESCRIPTION
ASBP/8/LI	3.2V 1500mAh Li-FePO4 Replacement Battery



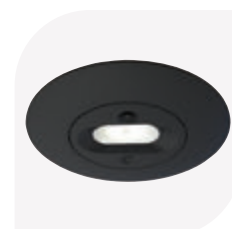
# Merlin



- Ultra-low profile recessed self-test emergency downlight
- Supplied with open area and escape route interchangeable lenses
- High specification optic design and performance allows increased spacing providing reduced cost
- Available in black and white finishes
- Self-test as standard with DALI emergency option
- Up to 17.8 metres spacing between luminaires



Open Area



Black - Escape Route

	Open (Anti-Panic) area (0.5 Lux Minimum) **				
	Mounting Height (M)	Transverse to Wall	Transverse to Transverse	Axial to Wall	Axial to Axial
	2.5	3	6.5	3	6.5
	4	4	9.5	4	9.5
	6	5	11.5	5	11.5
	2.5	3	5.5	3	5.5
	4	4	8	4	8
	6	5	10	5	10

	Escape route 2 metres wide (1 Lux minimum) *				
	Mounting Height (M)	Transverse to Wall	Transverse to Transverse	Axial to Wall	Axial to Axial
	2.5	-	-	6	14.5
	4	-	-	8	19.6
	2.5	-	-	5.8	12.5
	4	-	-	8	18

INPUT	HERTZ	TEMP	LIFETIME (HRS)	BEAM ANGLE	CLASS	IP	IK
220/240V	50/60Hz	0°C to 40°C	L70 50,000	Open area - 110° / Escape route - 15°x135°	1	IP20	IK08

CODE	DESCRIPTION	WATTAGE	CCT	EMERGENCY MODE
AMED/1/W/3NM	Non-Maintained - White	5W	6500K	248lm (Escape Route)
AMED/1/W/3NM/DA	Non-Maintained - White - DALI			274lm (Open Area)
AMED/1/B/3NM	Non-Maintained - Black	5W	6500K	235lm (Escape Route)
AMED/1/B/3NM/DA	Non-Maintained - Black - DALI			211lm (Open Area)

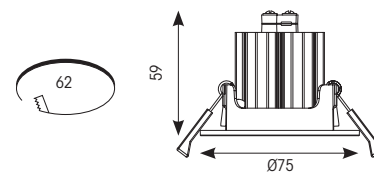
CODE (ACCESSORIES)	DESCRIPTION
ASBP/9/LI	3.2V 5500mAh-5 Li-FePO4 Replacement Battery

# Beacon Fixed



533

- LED Non-Maintained fixed polycarbonate downlight
- 3 hour emergency output
- Power and green charge LED are discreetly incorporated within the head
- Self-test as standard



Open (Anti-Panic) area (0.5 Lux Minimum) **					
Mounting Height (M)	Transverse to Wall	Transverse to Transverse	Axial to Wall	Axial to Axial	
2.5	0	0	3	9.5	
4	0	0	3.3	11	
6	0	0	-	-	

Escape route 2 metres wide (1 Lux minimum) *					
Mounting Height (M)	Transverse to Wall	Transverse to Transverse	Axial to Wall	Axial to Axial	
2.5	3.5	8.9	3.5	8.9	
4	4	11.4	4	11.4	
6	4.5	12.9	4.5	12.9	

INPUT	HERTZ	TEMP	LIFETIME (HRS)	BEAM ANGLE	CLASS	IP	IK
220/240V	50/60Hz	0°C to 40°C	L70 50,000	120°	1	IP20	IK08

CODE	DESCRIPTION	WATTAGE	CCT	EMERGENCY MODE
ABFLED/3NM	Non-Maintained	5W	6500K	270lm

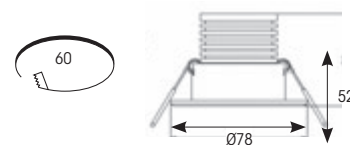
CODE (ACCESSORIES)	DESCRIPTION
ASBP/9/LI	3.2V 5500mAh-5 Li-FePO4 Replacement Battery



# Beacon Adjustable



- LED Non-Maintained adjustable die-cast aluminium downlight
- 3 hour emergency output
- Power and green charge LED are discreetly incorporated within the head
- Self-test as standard



Open (Anti-Panic) area (0.5 Lux Minimum) **					
	Mounting Height (M)	Transverse to Wall	Transverse to Transverse	Axial to Wall	Axial to Axial
	2.5	2.25	5.7	2.25	5.7
	4	2.5	7.1	2.5	7.1
	6	3	8.25	3	8.25

Escape route 2 metres wide (1 Lux minimum) *					
	Mounting Height (M)	Transverse to Wall	Transverse to Transverse	Axial to Wall	Axial to Axial
	2.5	2	6	2	6
	4	2.5	7	2.5	7
	6	-	-	-	-

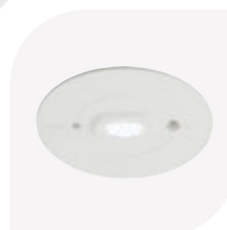
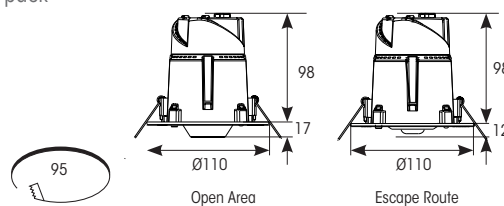
INPUT	HERTZ	TEMP	LIFETIME (HRS)	BEAM ANGLE	CLASS	IP	IK
220/240V	50/60Hz	0°C to 40°C	L70 50,000	20°	1	IP20	IK10

CODE	DESCRIPTION	WATTAGE	CCT	EMERGENCY MODE
ABLED/3NM	Non-Maintained	5W	6500K	266lm

CODE (ACCESSORIES)	DESCRIPTION
ASBP/9/LI	3.2V 5500mAh-5 Li-FePO4 Replacement Battery



- Recessed Self-test emergency downlight with self-contained inverter and battery pack
- Integral components for fast-fit installation
- Option of escape route or open area models
- High performance optic design
- Pre-wired with 150mm rubber insulated cable for ease of installation
- Up to 15 metres spacing between luminaires



Escape Route



Integral inverter and battery pack

	Open (Anti-Panic) area (0.5 Lux Minimum)**				
	Mounting Height (M)	Transverse to Wall	Transverse to Transverse	Axial to Wall	Axial to Axial
	2.5	2.25	5.7	2.25	5.7
	4	2.5	7.1	2.5	7.1
	6	3	8.25	3	8.25

	Escape route 2 metres wide (1 Lux minimum) *				
	Mounting Height (M)	Transverse to Wall	Transverse to Transverse	Axial to Wall	Axial to Axial
	2.5	-	-	4	10
	4	-	-	3	11
	6	**	**	**	**

INPUT	HERTZ	TEMP	LIFETIME (HRS)	BEAM ANGLE	CLASS	IP	IK
220/240V	50/60Hz	0°C to 40°C	L70 50,000	Open area - 45° Escape route - 30°x140°	1	IP65 (Lamp head)	IK08

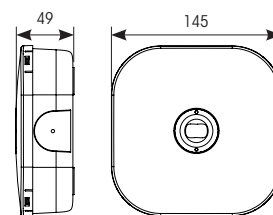
CODE	DESCRIPTION	WATTAGE	CCT	EMERGENCY MODE
ARALED/ER/3NM/ST	Non-Maintained - Escape Route	3W	6500K	110lm
ARALED/OA/3NM/ST	Non-Maintained - Open Area			130lm

CODE (ACCESSORIES)	DESCRIPTION
ASBP/14/LI	3.2V 3000mAh Li-FePO4 Replacement Battery

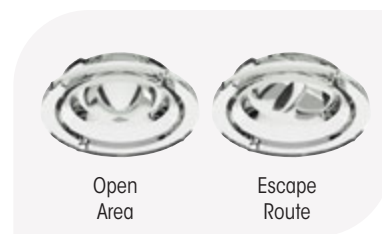
# Falcon Pro



- Compact surface ultra-low profile recessed DALI emergency downlight
- Supplied with open area and escape route interchangeable lenses
- High specification optic design and performance allows increased spacing providing reduced cost
- Available in black and white finishes
- DALI emergency as standard
- BESA and side conduit mounting
- If not connected to DALI network Self-test mode operates automatically



Black



Open Area

Escape Route

Interchangeable lenses supplied

	Open (Anti-Panic) area (0.5 Lux Minimum) **				
	Mounting Height (M)	Transverse to Wall	Transverse to Transverse	Axial to Wall	Axial to Axial
	2.5	3.5	7	3.5	7
	4	4.5	10	4.5	10
	6	3	12	3	12
	2.5	3.5	7	3.5	7
	4	4.5	10	4.5	10
	6	3	12	3	12

	Escape route 2 metres wide (1 Lux minimum) *				
	Mounting Height (M)	Transverse to Wall	Transverse to Transverse	Axial to Wall	Axial to Axial
	2.5	-	-	4.2	12
	4	-	-	4.5	16
	2.5	-	-	4.2	12
	4	-	-	4.5	16
	2.5	-	-	4.2	12
	4	-	-	4.5	16

INPUT	HERTZ	TEMP	LIFETIME (HRS)	BEAM ANGLE	CLASS	IP	IK
220/240V	50/60Hz	5°C to 50°C	L80 59,000	Open area - 125° / Escape route - 75°/135°	2	IP65	IK08

CODE	DESCRIPTION	WATTAGE	CCT	EMERGENCY MODE
AFLP/1/W/3NM/DA	Non-Maintained	2W	6500K	Open area - 223lm / Escape route - 228lm
AFLP/1/B/3NM/DA	Non-Maintained - Black			Open area - 200lm / Escape route - 204lm

CODE (ACCESSORIES)	DESCRIPTION
ASBP/29/LI	2100mAh Li-FePO4 Replacement Battery



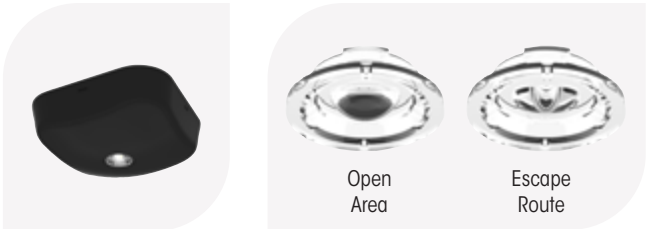
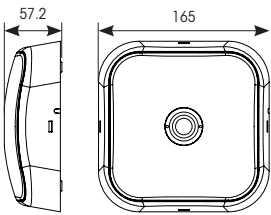




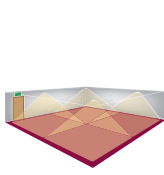
# Falcon

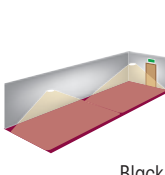


- Compact surface ultra-low profile recessed self-test emergency downlight
- Supplied with open area and escape route interchangeable lenses
- High specification optic design and performance allows increased spacing providing reduced cost
- Available in black and white finishes
- Up to 19.6 metres spacing between luminaires
- Self-test as standard
- BESA mounting option



Black Interchangeable lenses supplied

 Black	Open (Anti-Panic) area (0.5 Lux Minimum) **				
	Mounting Height (M)	Transverse to Wall	Transverse to Transverse	Axial to Wall	Axial to Axial
	2.5	2.5	4.5	2.5	4.5
	4	3	7	3	7
	6	3.5	9	3.5	9
	2.5	2.3	4	2.3	4
	4	2.8	6.5	2.8	6.5
	6	3.5	9	3.5	9

 Black	Escape route 2 metres wide (1 Lux minimum) *				
	Mounting Height (M)	Transverse to Wall	Transverse to Transverse	Axial to Wall	Axial to Axial
	2.5	-	-	4.2	10.5
	4	-	-	4.25	13
	2.5	-	-	4	9.5
	4	-	-	4	11

INPUT	HERTZ	TEMP	LIFETIME (HRS)	BEAM ANGLE	CLASS	IP	IK
230V	50Hz	0°C to 40°C	L70 50,000	Open area - 96° / Escape route - 135°x17°	1	IP65	IK08

CODE	DESCRIPTION	WATTAGE	CCT	EMERGENCY MODE
AFALED/3NM/ST/IP65	Non-Maintained	3W	6500K	Open area - 153lm Escape route - 145lm
AFALED/3NM/ST/IP65/B	Non-Maintained - Black			

CODE (ACCESSORIES)	DESCRIPTION
ASBP/14/LI	3.2V 3000mAh Li-FePO4 Replacement Battery

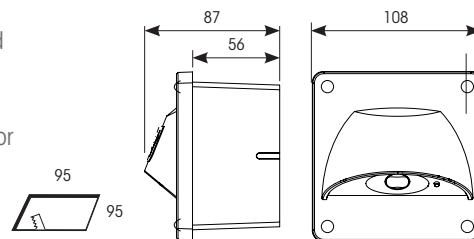


# Falcon Wall



539

- Ultra-low profile recessed or surface mounted emergency low-level light suitable for most internal and external applications
- Cutting-edge lens design maximises light output and performance, allowing increased spacing reducing cost
- Integral IP65 open area lens ideal for external escape route installations
- Low level installations provide the required LUX levels on the floor reducing the need for ceiling emergency lighting
- Available in black and white finishes
- Self-test and DALI options available



Capable of being surface mounted



IP65 rated lens and IK08 impact rating suitable for external applications



Black

INPUT	HERTZ	TEMP	LIFETIME (HRS)	BEAM ANGLE	CLASS	IP	IK
220/240V	50/60Hz	5°C to 40°C	L80 59,000	45°/120°	2	IP65	IK08

CODE	DESCRIPTION	WATTAGE	CCT	EMERGENCY MODE
AFW/1/W/3NM/ST	Non-Maintained - Self-Test White	1.3W	6500K	80lm
AFW/1/B/3NM/ST	Non-Maintained - Self-Test Black			
AFW/1/W/3NM/DA	Non-Maintained - DALI - White			
AFW/1/B/3NM/DA	Non-Maintained - DALI - Black			

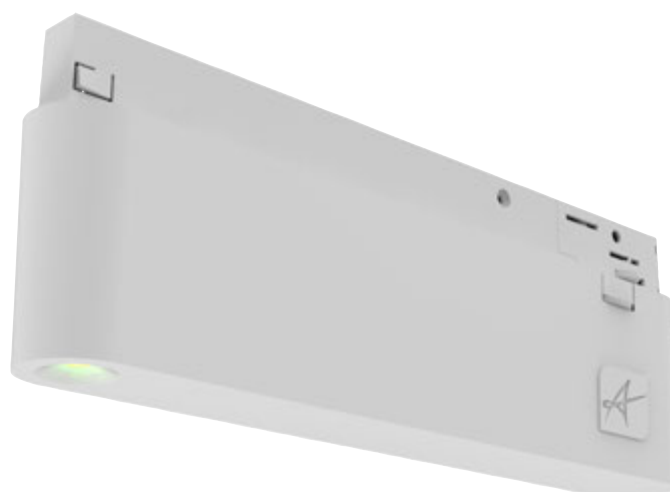
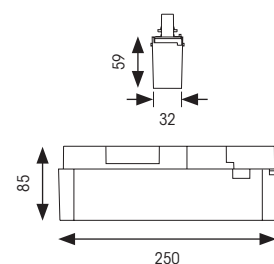
CODE (ACCESSORIES)	DESCRIPTION
ASBP/18	3.2V 1500mAh Li-FePO4 Lithium Replacement Battery



# Legion



- Three circuit non-maintained emergency trackspot
- Simply clip onto existing track system for instant emergency lighting solution
- Power and green charge LED are discreetly incorporated within the head
- Available in black and white finishes
- 3W LED light source produces 250 lumens
- 105° beam angle
- **Must be used in conjunction with the Primo 3 circuit track (see p168)**
- **Please note, this product is not compatible with single circuit track systems**



Emergency Standby



Emergency Operation



Installed on track system



Black

INPUT	HERTZ	TEMP	CRI	BEAM ANGLE	CLASS	IP
220/240V	50/60Hz	0°C to 40°C	70	105°	1	IP20

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS	LM/W
ALEGLD/W	Daylight - White	3W	6500K	250lm	78lm
ALEGLD/B	Daylight - Black				

CODE (ACCESSORIES)	DESCRIPTION
ASBP/27/LI	3.2V 6Ah Li-FePO4 Replacement Battery

WELL DRIVE		WELL	9:35 HYDERABAD	HY	10:10
1	1	1	1	1	1
2	2	2	2	2	2
3	3	3	3	3	3
4	4	4	4	4	4
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99	99	99	99	99	99
100	100	100	100	100	100

MUSIC		MOVIES		TV		MUSIC		MOVIES		TV	
	LAST WEEK	WEEKS ON CHART	ARTIST/ALBUM		LAST WEEK	WEEKS ON CHART		LAST WEEK	WEEKS ON CHART		LAST WEEK
1	1	1	BRITNEY SPEARS "FEMME FATALE" (Jive)	1	1	1	DAVID DUKAKIS "THE UNDISCOVERED COUNTRY" (Polygram)	1	1	1	1
2	2	2	WASHIN' UP "THE SHIRAZ" (Capricorn)	2	2	2	DAVID DUKAKIS "THE UNDISCOVERED COUNTRY" (Polygram)	2	2	2	2
3	3	3	THE NOTORIOUS B.I.G. "THE BLACK ALBUM" (A&M)	3	3	3	DAVID DUKAKIS "THE UNDISCOVERED COUNTRY" (Polygram)	3	3	3	3
4	4	4	THE NOTORIOUS B.I.G. "THE BLACK ALBUM" (A&M)	4	4	4	DAVID DUKAKIS "THE UNDISCOVERED COUNTRY" (Polygram)	4	4	4	4
5	5	5	THE NOTORIOUS B.I.G. "THE BLACK ALBUM" (A&M)	5	5	5	DAVID DUKAKIS "THE UNDISCOVERED COUNTRY" (Polygram)	5	5	5	5
6	6	6	THE NOTORIOUS B.I.G. "THE BLACK ALBUM" (A&M)	6	6	6	DAVID DUKAKIS "THE UNDISCOVERED COUNTRY" (Polygram)	6	6	6	6
7	7	7	THE NOTORIOUS B.I.G. "THE BLACK ALBUM" (A&M)	7	7	7	DAVID DUKAKIS "THE UNDISCOVERED COUNTRY" (Polygram)	7	7	7	7
8	8	8	THE NOTORIOUS B.I.G. "THE BLACK ALBUM" (A&M)	8	8	8	DAVID DUKAKIS "THE UNDISCOVERED COUNTRY" (Polygram)	8	8	8	8

**9:00** **PIATOWELL DRIVE** **RESULTS**

<b>4</b>	<b>RUFUS</b>	<b>11/5</b>
<b>5</b>	<b>HIS YOUNG BUDDY</b>	<b>12/5 F</b>
<b>1</b>	<b>SWANSEA JACK</b>	<b>3/1 2F</b>

**FORECAST** **£100.00** **TRIFECTA** **£100.00**

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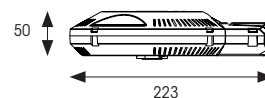
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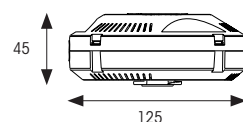
**Panel Pod™**



- Integral Self-Test emergency pods to convert any Pace and Endurance panel to emergency, instantly
- LiFePO4 Lithium battery provides improved energy consumption, product reliability and lifetime
- Simple, quick twist and lock fixing
- 6 way fast wire plug in connector for speed and ease of installation (APOD/1/3NM/DA only)
- Supplied with a pre-wired 1 Metre cable for ease of installation
- Tri-colour LED shows green for healthy running condition, red/flashing for fault conditions and white for emergency operation
- Patent Protected. GB 2522285B (United Kingdom)
- Patent Protected. EP 2957826B (Europe)
- Self-test as standard (AIRMLD/POD/3NM/ST) with DALI and DALI+ option (APOD/1/3NM/DA)



APOD/1/3NM/DA



AIRMLD/POD/3NM/ST



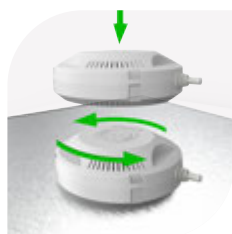
AIRMLD/POD/3NM/ST



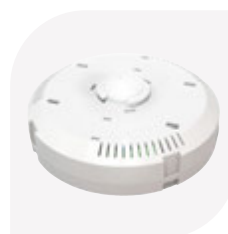
APOD/1/3NM/DA



**Step 1:** Unscrew coin plug from back of Ansell LED Panels



**Step 2:** Locate and twist Panel Pod into position. Connect incoming supply to pre-leaded cable



Underside view  
AIRMLD/POD/3NM/ST



Underside view  
APOD/1/3NM/DA

INPUT	HERTZ	TEMP	LIFETIME (HRS)	BEAM ANGLE	CLASS	IP
220/240V	50/60Hz	0°C - 40°C	L70 50,000	120°	1	IP20

CODE	DESCRIPTION	WATTAGE	CCT	EMERGENCY MODE
<b>AIRMLD/POD/3NM/ST</b>	Self-Test Emergency Pod - Non Maintained	5W	6500K	190lm
<b>APOD/1/3NM/DA</b>	Self-Test Emergency Pod DALI - Non Maintained	3W	6500K	190lm

CODE (ACCESSORIES)	DESCRIPTION
<b>ASBP/21</b>	6.4V 3Ah Li-FePO4 Replacement Battery

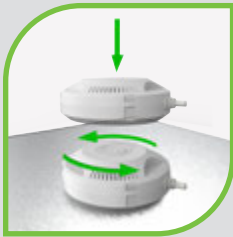


# Panel Pod



## Pre-wired 1 metre cable

As standard ensuring a fast and easy installation



## Twist and Lock Connection

Provides a secure connection and easy installation



## Self-Test as standard

Provides instant indication to status of emergency module and lamp, negating the need for manual monthly and annual checks



## Detection Area and Angle

Provides detection area of 360° with a detection angle of 120°

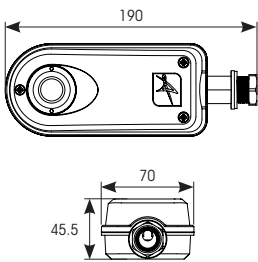


**\*\* Only one Panel Pod can be attached to the back of individual panels\*\***

# Emergency Bolt-On



- IP65 Bolt on emergency allows you to add emergency lighting at any time.
- Easy to install to any non-corrosive or batten via M20 gland
- LiFePO4 Lithium battery provides improved energy consumption, product reliability and lifetime
- Tri-colour LED shows green for healthy running condition, red/flashing for fault conditions and white for emergency operation
- Self-test as standard
- Supplied with open area and escape route interchangeable lenses



Installed on ATLEVO4

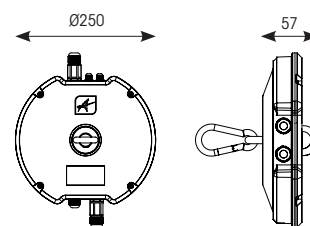
INPUT	HERTZ	TEMP	CLASS	IP
220/240V	50Hz	5°C to 40°C	2	IP65

CODE	DESCRIPTION	WATTAGE	CCT	LUMENS
AEMBLEM	Non-Maintained	2W	6500K	248lm

# Hawk Highbay Emergency Kit



- Plug and play Self-Test emergency pack to convert Z LED Performance highbay to emergency, instantly
- Plug and play connection ensures a quick and easy installation
- Designed to sit above highbay providing a minimal and discrete appearance
- IP65 as standard
- Self-test as standard
- **Only suitable for use with Z LED Performance (p406)**



Slimline and discrete appearance



Installed on AZLP1/1/MWS

INPUT	HERTZ	TEMP	CLASS	IP	IK
220/240V	50/60Hz	-20°C to 40°C	1	IP65	IK05

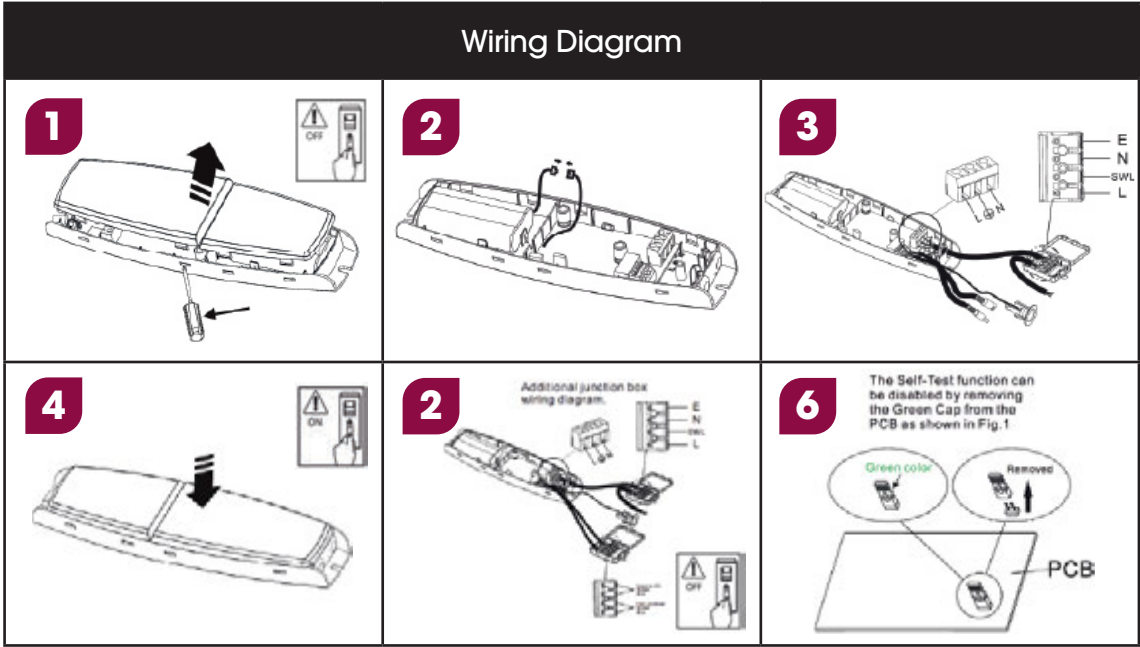
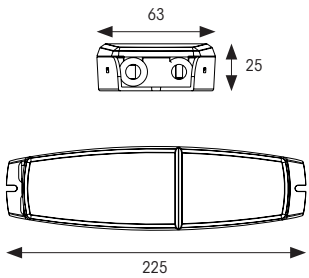
CODE	DESCRIPTION	WATTAGE
AHHB/1	Highbay Emergency Kit Maintained/Non Maintained	5W

CODE (OPTIONS)	DESCRIPTION
/DM3	DALI Emergency

# Hawk



- Ultra-slim universal self-test emergency converter pack for LED luminaires
- Supplied c/w recessed LED indicator housing
- Ideal for most LED panels, Downlights and Linear products
- Compatible for LED luminaires with separate LED driver (Maximum 60V Forward Voltage)
- LiFePO4 Lithium battery provides improved energy consumption, product reliability and lifetime



LOAD VOLTAGE	18V	23V	28V	33V	38V	43V	48V	53V	54V	55V	56V	60V
OUT CURRENT	59mA	60mA	60mA	62mA	62mA	62mA	62mA	62mA	62mA	62mA	62mA	62mA
OUT WATTAGE	1.06W	1.38W	1.68W	2.05W	2.36W	2.67W	2.98W	3.29W	3.35W	3.41W	3.47W	3.70W

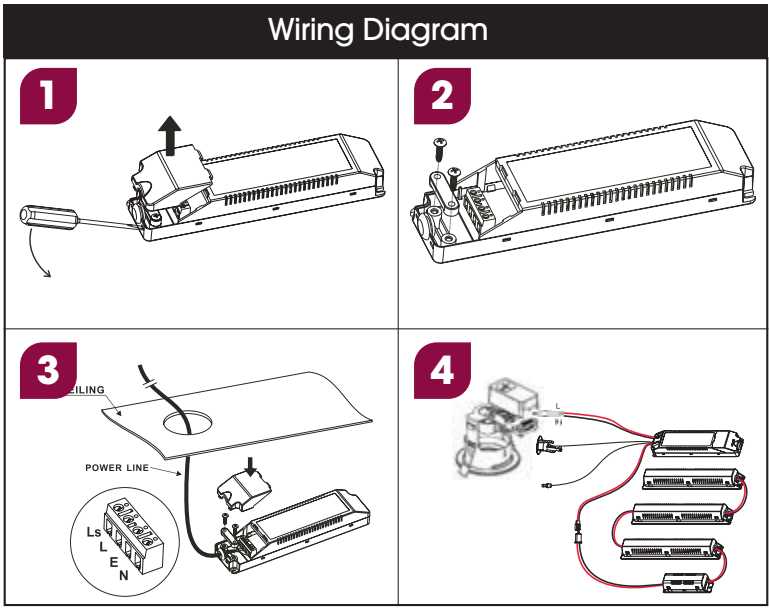
CODE	DESCRIPTION	CLASS	IP
AHUEMKIT/LI	Maintained/Non-maintained - Universal Emergency Pack	1	IP20



# LED Lighting Pack



- Emergency lighting pack for use with LED lamps as follows:-  
GU10 LED Lamps  
Minimum: 3W  
Maximum: 8W
- 55mm cut-out aperture
- 3 hour Emergency output



CODE	DESCRIPTION	CLASS	IP
ACFLP/3	Maintained / Non-Maintained - LED	1	IP20



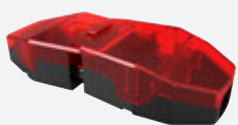


# AFIX

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Our wide range of connectors have been designed to support you in your lighting installations. From our indoor 3 and 4 pole connectors with toolless installation, to our IP rated outdoor connector range, we have a connector accessory which is right for you and your project.

549

**CONNECTORS**

550

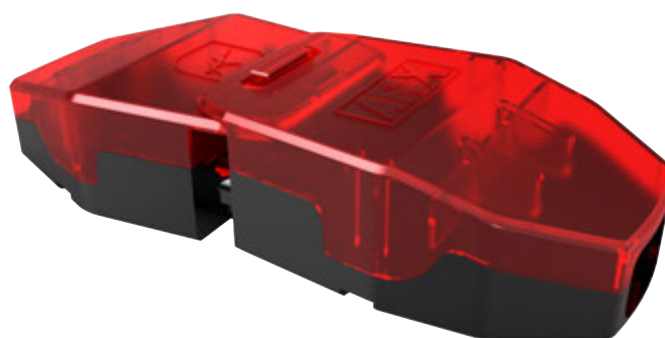
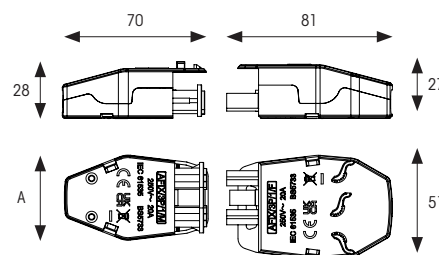
**OUTDOOR**

# AFIX CONNECTORS

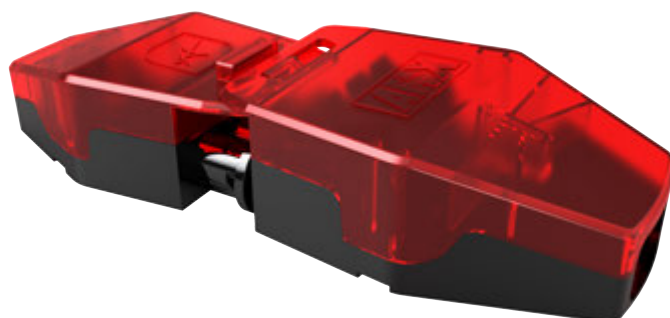


549

- Plug and play connectors suitable for use with internal luminaires across a range of applications
- Push fit connections and a 2 part click-and-connect design ensure a quick and easy installation
- Innovative testing port feature allows quick and easy access for fixed wire testing
- Cable clamp design provides a safe and secure cable connection
- Available in both 3 and 4 poles



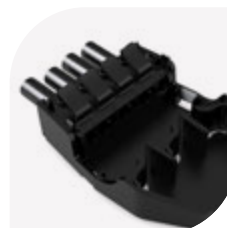
4 Pole



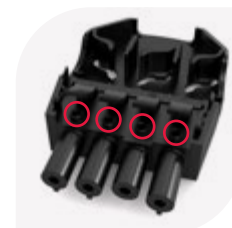
3 Pole



Cable clamp design provides a safe and secure hold



Push fit terminals for quick and simple installation



Innovative test port feature provides instant readings

CODE	DESCRIPTION	A	IP RATING
AFIX/4P/1	AFIX 4 Pole Connector	51mm	IP20
AFIX/3P/1	AFIX 3 Pole Connector	42mm	IP20



- IP68 plug and play connectors suitable for use with inground and outdoor luminaires across a range of applications
- Lever connections ensure a quick and easy installation (screw terminals for 5 core)
- Straight and T-junction connectors available in both 3 and 5 core



Straight Connector



T-Junction



Colour coded lever terminals for easy installation

CODE	DESCRIPTION	A	B	C	IP RATING
AFIXIP/1/TJ/3C	AFIX T-Junction, 3 Core	127mm	26mm	87mm	IP68
AFIXIP/1/TJ/5C	AFIX T-Junction, 5 Core	95mm	30mm	97mm	IP68

CODE	DESCRIPTION	A	B	C	IP RATING
AFIXIP/1/SC/3C	AFIX Straight Connector, 3 Core	25mm	95mm	25mm	IP68
AFIXIP/1/SC/5C	AFIX Straight Connector, 5 Core	30mm	114mm	30mm	IP68

A = Length

B = Height

C = Width



- IP65 and IP68 plug and play connectors suitable for use with inground and outdoor luminaires across a range of applications (AFIXIP/1/JB/S/2/3C and AFIXIP/1/JB/M/3/3C IP65)
- Push fit connections ensure a quick and easy installation
- Small, medium and large junction boxes available



CODE	DESCRIPTION	A	B	C	IP RATING
AFIXIP/1/JB/S/2/3C	AFIX Junction Box Small, 2 Way, 3 Core	90mm	26mm	36mm	IP65
AFIXIP/1/JB/M/3/3C	AFIX Junction Box Medium, 3 Way, 3 Core	120mm	38.2mm	61.6mm	IP65
AFIXIP/1/JB/L/3/5C	AFIX Junction Box Large, 3 Way, 5 Core	162mm	39mm	94mm	IP68
		A = Length	B = Height	C = Width	

# Technical A-Z

**AC Alternating Current**

Alternating Current. The movement or flow of electric charge that periodically changes direction. AC current is the format that electricity is supplied in.

**Accent Lighting**

Accent lighting is directional lighting which highlights and accentuates certain areas or objects.



316L is a low carbon content grade of Stainless Steel, giving excellent corrosion resistance properties. Due to its corrosion resistance AISI316L is also known as Marine Grade. All Stainless Steel requires a degree of maintenance to ensure its appearance does not tarnish over time. (see ASSCK – Stainless Steel Cleaning Kit below)

**Ambient Lighting**

The level of background light, usually low and supplemented by Task or Accent lighting.

**Ambient Temperature**

Surrounding - the ambient temperature is the temperature of the air that surrounds the fixture in the room. A critical criterion for fixture selection especially in extreme temperature environments.

**Anti-Ligature**

This is a luminaire that is free from points where a cord could be fastened to create a ligature point. If a fitting is classed as Anti-Ligature the ligature risk is eliminated by designing it in such a way that it is not possible for a cordlike object to be looped or tied around it.

**ASSCK**

Stainless Steel Cleaning Kit To ensure Inox/AISI316L Stainless Steel products from the Collezione Italiana range maintain their high quality finish and appearance, we recommend regular (every 3-4 months) cleaning by using the ASSCK kit.

**Asymmetric Distribution**

Non-symmetric distribution of light. In many cases, the luminous intensity (light output) may be more pronounced in one direction. Commonly found on floodlights to allow them to be aimed downwards, keeping unwanted upward light spillage to a minimum.

**Azimuth**

The orientation angle in the horizontal plane, commonly referred to in floodlighting schemes.

**Bathroom Zones**

Bathroom luminaire installations must comply with legislation; please refer to latest building regulations.

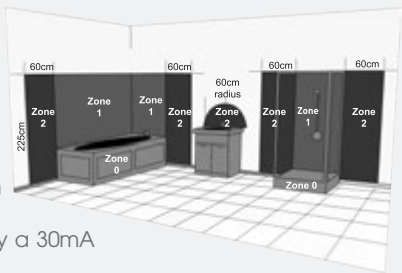
\*Note – The area under the bath is classed as an outside zone providing there is a bath panel in situ which can only be removed with aid of a tool.

Zone 0 – This is inside the bath or shower. Any fitting used in these areas must be SELV and IPX7

Zone 1 – This is the area above the bath to a height of 2.25m from the floor. In this zone a minimum rating of IPX4 is required. If a 230V luminaire is used, the circuit must be protected by a 30mA RCD.

Zone 2 – This area extends a further 0.6m outside Zone 1. In this zone a minimum rating of IPX4 is required. It is also recommended to have luminaires with a rating of IPX4 around the wash basin (with 0.6m radius of the tap).

Outside Zones - Anywhere outside Zones 0, 1 and 2 are classed as outside zones (excluding specific areas) providing water jets are not used, so the minimum rating is IPX0. If water jets are to be used a minimum of IPX5 is required. Full details can be found in the IEE Wiring Regulations.



**Ballast**

A device used to operate fluorescent and HID lamps. The ballast, while limiting and regulating the lamp current during operation, provides the necessary voltage to the lamp.

**Ballast Losses**

Power, which is supplied to ballast but is not converted into lamp energy. Ballast loss is dissipated as heat. There are strict guidelines to ensure only efficient ballasts are used, to avoid unnecessary energy consumption.

**Ballast Lumen Factor**




The ballast lumen factor (BLF) is the ratio of the light output of the lamp when operated under emergency lighting conditions compared to normal mains supply.

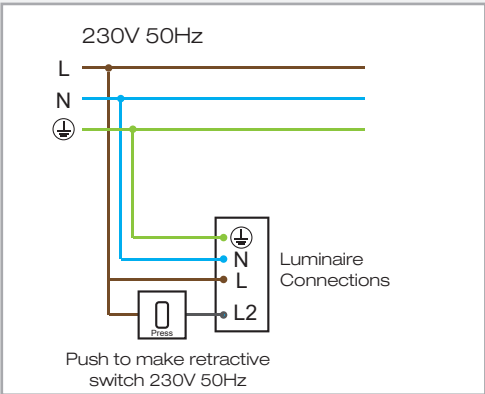
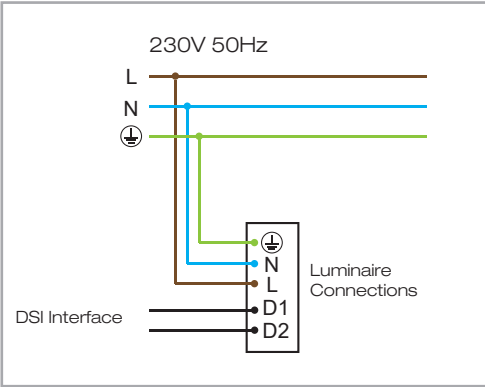
**Beam Angle**

Somewhat misleading angle of light spread, to which the intensity has fallen of to 50% of the peak value.

**Binning (LED)**

Binning is the process of methodically sorting and grouping LED's according to measured parameters (normally colour and lumens). This allows design engineers to systematically specify an LED and it allows the manufacturer to order LED's that function consistently. Binning also makes it possible to re-order LED's that match the original.

<b>Bluetooth/BLE</b>		Bluetooth Low Energy: a wireless area network technology compatible with a large application base of mobile phones, tablets and computers.
<b>Brightness</b>		What the eye actually sees. Not to be confused with luminance, which is what a lightmeter, reads.
<b>BSI</b>		British Standards Institute. The UK National Standards Body - <a href="http://www.bsigroup.com">www.bsigroup.com</a>  Key Standards applicable include BS 476 part 21 Fire test for building Materials (I-Cage Range) BS 5225 Photometric Data for Luminaires BS 5266 Code of practice for Emergency Lighting BS7671 Requirements for Electrical Installations (Wiring Regulations) BS EN 60570 Track systems for Luminaires BS EN 60598-1 Luminaires - General requirements and tests BS EN 60598-2-2 Luminaires - Specific requirements, Recessed Luminaires BS EN 60598-2-5 Luminaires - Specific requirements, Floodlights BS EN 60598-2-6 Luminaires - Specific requirements, In-built Transformers BS EN 60598-2-22 Luminaires - Specific requirements, Emergency Lighting BS EN 61047 Electronic Transformers
<b>Building Regulations</b>		Legal requirements for the installer to adhere to regarding equipment installed in to a building. Standards exist for Domestic and Non-Domestic premises and there are variations in the different countries of the UK.
<b>Candela (CD)</b>		The SI unit of luminous intensity. The intensity of a light source in a Specific direction.
<b>Capacitor</b>		Component that stores electrical energy. Often used for power factor correction and lamp regulation.
<b>CCT</b>		Correlated Colour Temperature (CCT) defines the colour appearance of a white LED. CCT is defined in degrees Kelvin. See also Colour Temperature
<b>CE</b>		European Community conformity mark. This denotes that the item conforms with the requirements of relevant EU Directives
<b>CELMA</b>		Federation of National Manufactures for Luminaires and Electrotechnical Components for Luminaires. A European body committed to improving standards within the lighting industry. <a href="http://www.celma.org">www.celma.org</a>
<b>CIBSE</b>		The Chartered Institute of Building Service Engineers. The Society of Light and Lighting, a division of CIBSE, publishes many Lighting Guides, widely used as references for the choice of luminaire and recommended Illuminance level most suitable for a specific area. <a href="http://www.cibse.org">www.cibse.org</a>
<b>Circadian Style Lighting</b>		The concept of circadian lighting follows that of the human circadian rhythm, a 24-hour internal clock. Circadian style lighting uses the idea that electric light can be used to assist human health by using it to support the natural circadian rhythm. The area of the brain called the hypothalamus controls each person's circadian rhythm by receiving signals from the eyes that report when it's daytime and night time. The hypothalamus, in turn, controls the amount of melatonin released to correlate sleepiness with darkness and alertness with lightness.
<b>Class I</b>		Luminaires in this class are electrically insulated and provided with connection with earth.
<b>Class II</b>		Luminaire are designed and constructed so that protection against electric shock does not rely on basic insulation only. This can be achieved by means of reinforced or double insulation. No provision for Earthing is provided.
<b>Class III</b>		Protection against electric shock relies on the supply of Safety Extra Low Voltage (SELV) and in which voltages higher than those of SELV are not generated (Max.50V ac or below).

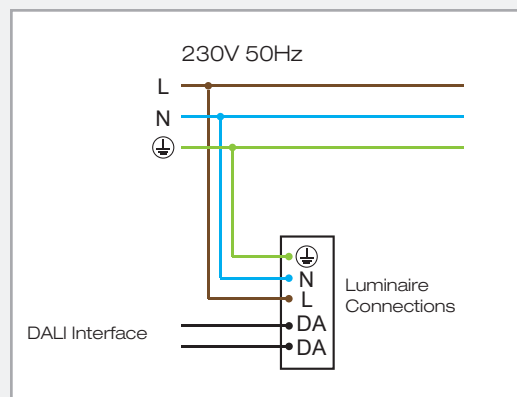
<b>Colour Rendering Index (CRI/Ra)</b>	Known as CRI or Ra. The appearance of surface colours when illuminated by light from a given source. Good colour rendering implies similarity of appearance to that under an acceptable light source, such as natural daylight.
<b>Colour Temperature (Light sources)</b>	Measured in degrees Kelvin. The Lower the Kelvin figure, the Warmer the lamp Colour Temperature e.g. 2700°K is very warm and 6500°K is very cool/Daylight. Warm White generally refers to >3000 °K, White/Intermediate =3500 °K and Cool White <4000 °K
<b>Compact Fluorescent</b>	Small fluorescent lamps from 5W to 57W that are sufficiently compact to emulate an incandescent lamp. The term also applies to TC-L lamps up to 55W.
<b>Coordinator/Hub</b>	A device that receives and relays commands to other devices. Sometimes manages multiple protocols and 'translates' commands from one to another.
<b>Corridor Function</b>	Corridor Function is a setting of DD Dimmable control gear for operation with a PIR (standard on/off). Dimmable ballasts reduces light output to approximately 10% when the area is unoccupied and increases to full light output when presence detector (MWS / PIR) is activated.
<b>Data Sheets</b>	Are available for Ansell products to enable Operation and Maintenance manuals to be completed. These can be obtained via <a href="http://www.ansell-lighting.com">www.ansell-lighting.com</a> .
<b>Daylight Harvesting</b>	Daylight harvesting uses daylight to offset the amount of electric lighting needed to light a space in order to reduce energy consumption. Lighting control systems monitor the amount of light available and then react according to the amount of daylight available.
<b>DC Direct Current</b>	DC (direct current) is the unidirectional flow or movement of electric charge; electrons. The intensity of the current can vary with time, but the general direction of movement stays the same at all times. The term DC is used in reference to voltage whose polarity never reverses.
<b>DD1 (Switch Dim)</b>	<p>SWITCH DIM – SwitchDIM operation for ON / OFF and dimming is by means of a push-to-make (retractive) switch, and is the simplest form of dimming. A brief operation of the switch (&lt;0.6sec), will switch ON or OFF. When the push to make switch is held, the ballast is dimmed. On a further push, the ballast is dimmed in the opposite direction.</p> <p>For full operation the circuit should be as shown below, using a 4 core installation (switched live, permanent live supply, neutral and earth).</p>  <p>230V 50Hz</p> <p>L N ⊕</p> <p>⊕ N L L2</p> <p>Luminaire Connections</p> <p>Push to make retractive switch 230V 50Hz</p>
<b>DD2 (DSI)</b>	<p>DIGITAL DIMMING (DSI) – Require a digital (DSI) signal from an external source to instruct the ballast to switch ON /OFF and dim. A Digital Serial Interface (DSI) translates the signals from the controller and operates the ballast / driver.</p> <p>This system is commonly employed in larger installations with scene-set controllers or energy management systems. Digital dimming is also used for Infra-Red remote control, PIR presence detection and automatic daylight sensing.</p> <p>Each luminaire requires a 3 core mains supply (L E N) and an additional DSI signal cable, normally a 2 core 0.75mm<sup>2</sup> flexible cable. This is looped around any luminaires to be dimmed together (check with the Dimming Controller supplier as there are a maximum number of ballasts which can be connected together, dependent on lamp type and wattage). An additional Unswitched live is required if the luminaire incorporates emergency control gear.</p>  <p>230V 50Hz</p> <p>L N ⊕</p> <p>⊕ N L D1 D2</p> <p>Luminaire Connections</p> <p>DSI Interface</p>



**DD3 (DALI)**

Digital Addressable Lighting Interface. A Dimming system that employs DALI protocol-based technology (i.e. digital control signals) to control electronic ballasts, controllers and sensors belonging to the system. Each system component has its own device-specific address, and this makes it possible to implement individual device control.

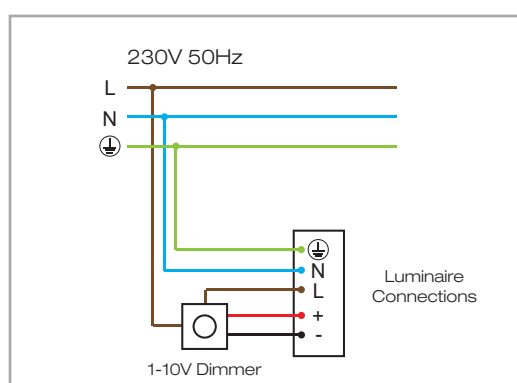
The DALI system offers 64 individual addresses, 16 group addresses and the ability to program each ballast with up to 16 scenes.

**DD4 (Analogue Dimming 1-10V)**

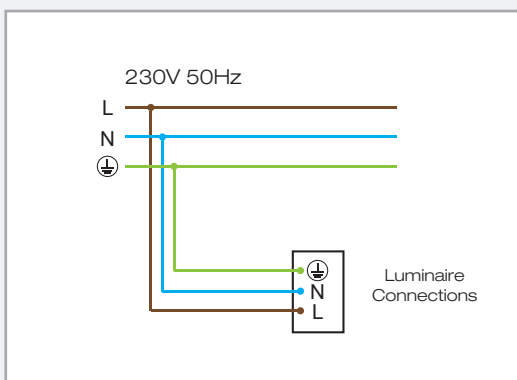
1-10V control gear requires an analogue (1-10V) signal from an external source to instruct the ballast / LED Driver to dim.

This system is commonly employed in larger installations with scene-set controllers or energy management systems. Digital dimming is also used for PIR presence detection and automatic daylight sensing.

Each luminaire requires a 3 core mains supply (L E N) and an additional 1-10V signal cable, normally a 2 core 0.75mm<sup>2</sup> flexible cable. This is looped around any luminaires to be dimmed together (check with the Dimming Controller supplier as there are a maximum number of ballasts / LED drivers which can be connected together, dependent upon lamp type and wattage).

**DD5 (OCTO Smart Dim)**

Mains / triac dimming option; allowing detailed products to be used in conjunction with OCTO controllers (AOCTO/IC/200 or AOCTO/OC/IP65/200)

**Dimmers & Dimming**

The process by which luminaires are dimmed from 100% to a minimum level that is not always zero. Most luminaires that are required to be dimmed will need special control gear for this operation and typically additional circuit wiring.

**Direct Lighting**

Lighting in which the greater part of the luminous flux from the luminaires reaches the surface (usually the working plane) directly, i.e. without reflection from surrounding surfaces.

**Directional Lighting**

Lighting a display object predominately from one direction. Directional lighting can be used to great effect in retail, display windows or even exterior floodlighting, producing strong modelling/shadows to accentuate the object.

**Discharge Lamps**

Fluorescent lamps are medium pressure discharge lamps but high-pressure lamps include Metal Halide, Ceramic Metal Halide, and High-pressure Sodium lamps.

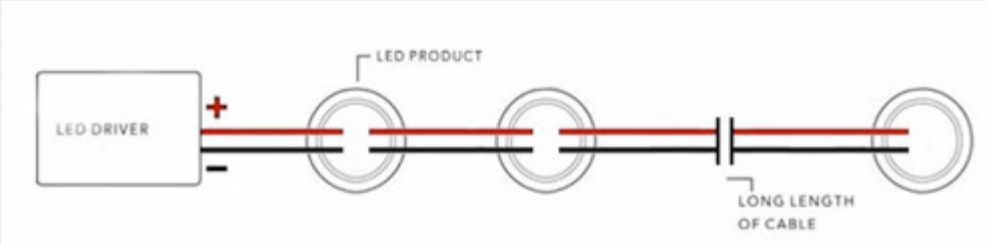
**DLOR**

Downward Light Output Ratio. The ratio of the total light output of a luminaire below the horizontal.

<b>DMX</b>	<p>(Digital Multiplex) is a standard for digital communication networks that are commonly used to control stage lighting and effects. It was originally intended as a standardised method for controlling light dimmers, which, prior to DMX512, had employed various incompatible proprietary protocols. It soon became the primary method for linking controllers (such as a lighting console) to dimmers and special effects devices such as fog machines and intelligent lights.</p> <p>DMX has also expanded to uses in non-theatrical interior and architectural lighting, at scales ranging from strings of Christmas lights to electronic billboards. The use of DMX can now be used to control almost anything, reflecting its popularity in theatres and venues.</p>
<b>Double Insulation</b>	Insulation comprising both basic insulation and supplementary insulation. Also referred to as Class II
<b>Edge Lit</b>	This means that the LED chips are positioned vertically around the perimeter of the product (panel / downlight). Providing an excellent uniform illuminated panel in a fixture as slim as 8mm.
<b>Efficiency</b>	Ratio of power supplied to wattage dissipated.
<b>Efficacy</b>	A metric term used to compare light output to energy consumption. Efficacy is measured in lumens per watt. Efficacy is similar to efficiency, but is expressed in dissimilar units. For example, if a 100-watt source produces 9000 lumens, then the efficacy is 90 lumens per watt
<b>Electromagnetic Ballast (Magnetic Ballast)</b>	Ballast that uses a copper wire winding around a solid core assembly to transform electrical current to start and operate fluorescent and high intensity discharge (HID) lamps.
<b>Electronic Ballasts (High Frequency)</b>	The efficiency of fluorescent lamps can be improved by increasing the frequency of the mains voltage supplied to them. Electronic ballasts and controls can be used to increase the normal mains frequency of 50/60Hz to 25/30KHz improving lamp efficiency by approximately 10%. Electronic ballasts also consume less power than conventional ballasts and when combined with other efficiency benefits, electronic ballasts can achieve savings of around 20% compared to conventional 50/60Hz systems with the same light output levels.
<b>EMC</b>	Electromagnetic Compatibility. Many Electrical items produce unintentional interference, EMC ensures these levels are within guidelines and should therefore not cause unwanted interference with other equipment.
<b>Emergency Lighting</b>	Lighting provided for use when the main lighting installation fails enabling safe exit from a building.
<b>Emergency Lighting test</b>	<p>Testing An Emergency Lighting Installation should undergo regular periodic testing to ensure the luminaires are correctly functioning, also to maintain the condition of the batteries. The testing should be recorded in a log book and follow the schedule of</p> <ul style="list-style-type: none"> <li>• Daily – Visual Check that the charge indicator LED is illuminated</li> <li>• Monthly – A Functional test, that the luminaire operates when mains supply is disconnected</li> <li>• Annually – As Monthly test but for the full rated duration of the luminaire (3hrs)</li> </ul>
<b>Escape Route Lighting</b>	Emergency lighting provided on a defined route to ensure that the means of escape from a point in a building to the final exit.
<b>E27 (ES)</b>	Edison Screw (lampholder or lamp cap).
<b>E40 (GES)</b>	Giant Edison Screw (lampholder or lamp cap) common on larger wattage HID lamps.
<b>Filament</b>	The tungsten coil that glows to incandescence when an electric current passes through it.
<b>Fire-Rated</b>	A luminaire, usually a downlight, which has been designed to function also as a fire barrier when installed into a building.
<b>Firmware</b>	Firmware is the term for a type of software that is stored on a hardware device in order to make it run properly. It runs on a fixed amount of memory available on the device.
<b>Flicker</b>	A visible oscillation in the luminous flux/light output.
<b>Flood Beam</b>	Reflector lamps and luminaires with in built reflectors having a beam spread of more than 60°
<b>Fluorescent lamps</b>	A lamp, which produces light by a gas discharge that in turn, causes a phosphor coating inside the glass envelope or tube to produce light by fluorescence.

<b>Fluorescent Tubes T12, T8, T5 etc</b>	Refers to their diameter of the lamp glass in eighths of an inch, i.e. 12/8 (38mm) 8/8 (26mm) 5/8(16mm) and respectively. Lamps may be linear or compact fluorescent type.	
<b>Flux</b>	(Lumens) falling on to a surface.	
<b>Frequency General Lighting</b>	Rate of alternation in an AC current. Expressed in cycles per second or hertz (Hz). Lighting designed to illuminate the whole of an area uniformly without provision for special local requirements.	
<b>Gateway</b>	A gateway is a device that enables data to travel from one network to another, or link one protocol with another. It acts as a 'gate' for data to flow in and out of a network	
<b>Glare</b>	Refers to the difficulty seeing in the presence of bright light such as direct or reflected sunlight or artificial light such as direct LED output. Because of this, some luminaires include opal diffusers or reflectors to provide an anti-glare function.	
<b>Group/Zone</b>	Groups or zones in smart lighting are used to simplify layouts/controls by grouping together products that have or will use identical configurations.	
<b>Hazardous Area</b>	An environment in which a risk of fire or explosion exists. Commonly referred to as Zone 1, Zone 2 etc, but not to be confused with the Zones of space in bathroom areas. Ansell do not offer any equipment suitable for Hazardous areas.	
<b>Hertz (Hz)</b>	Cycles (frequency) per second.	
<b>High Risk Task Area</b>	A requirement within Emergency Escape Lighting provided to ensure the safety of people involved in a potentially dangerous process or situation and to enable proper shut down procedures for the safety of the operator and other occupants of the premises.	
<b>High Power LED</b>	A high power LED, one that is driven at a current of 350mA or higher.	
<b>Illuminance</b>	A photometric term that quantifies the light on a surface or plane. It is expressed in lumens per m <sup>2</sup> (lux). This can be calculated or measure with a light meter.	
<b>Illumination</b>	The density of luminous flux on a surface this parameter shows how "bright" the surface point appears to the human eye.	
<b>Incandescent Lamp</b>	A lamp which produces light by electrically heating a filament.	
<b>Indirect Lighting</b>	A system by which light is reflected from a primary surface, usually ceiling or walls, before reaching the working/task plane. Some luminaires by their design offer indirect lighting.	
<b>IP Ratings</b>	The designation to indicate the degree of protection consists of the characteristic letter IP followed by two numerals. The first numeral indicates the degree protection against the ingress of solid of objects, whereas the second numeral refers to the degree of protection against the ingress of water. The following symbols are appropriate:	
<b>Classification of Ingress Protection</b>	Protection Against Solid Objects  IP21 Greater than 12mm IP22 Greater than 12mm IP23 Greater than 12mm IP40 Greater than 1mm IP43 Greater than 1mm IP44 Greater than 1mm IP54 Dust-protected IP55 Dust-protected IP64 Dust-tight IP65 Dust-tight IP66 Dust-tight IP67 Dust-tight IP68 Dust-tight IP69 Dust-tight	Protection Against ingress of Water IP20 Greater than 12mm Non-protected Dripping water Dripping water (up to 15° angle) Spraying water (up to 60° angle) Non-protected Spraying water (up to 60° angle) Splashing water Splashing water Water jets Splashing water Water jets Powerful water jets Water immersion Submersion to declared depth Powerful high temperature water jets
<b>Initial Lumens</b>	Lumen output of a lamp after it has been operating 100 hours.	
<b>Input Voltage</b>	Voltage provided to a ballast/luminaire by the power supply.	

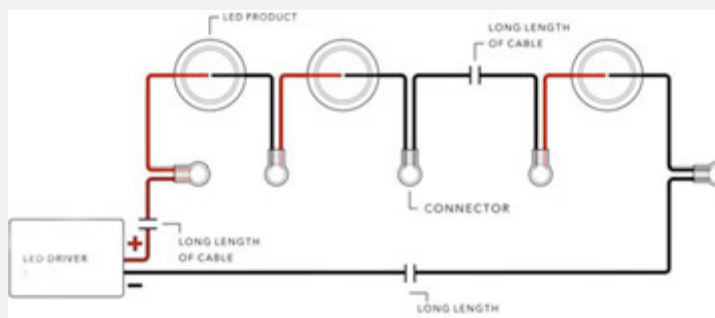
Inrush Current	Components such as LED drivers can have high inrush currents for milliseconds; this should be considered when specifying switching and breaker ratings.
Illuminance	The amount of light.
Illumination Level	Refers to light levels of a space at other than initial or rated conditions. This term considers light loss factors such as lamp lumen depreciation, luminaire dirt depreciation, and room surface dirt depreciation.
Isolux Diagram	A diagram showing contours of equal illuminance. Can be used to determine the direct illuminance on a plane.
Kelvin	A measurement of temperature. 1° F = 256° Kelvin. 1° C = 274° Kelvin. Used to measure colour temperature. The SI unit of temperature used to express colour temperature. The temperature in Kelvin (K) is approximately equal to the temperature in Celsius (°C) plus 273.
Kwh	The kilowatt-hour (symbolised kWh) is a unit of energy equivalent to one kilowatt of power expended for one hour of time. This figure is required to complete energy comparison calculations.
Lamp	A device which converts electrical energy into light.
LAN	Local Area Network: a collection of devices connected together over a limited area using a shared protocol (typically 'Internet Protocol' over Ethernet).
Latency	The time it takes between a command being given to the action being carried out.
LED	Light-emitting Diode. An LED is a solid-state semiconductor device that converts electrical energy directly into light.
LED Driver / Converter	An LED driver is a device that manages power and controls the current flow for an LED lighting product. LED lighting does not require high voltage, and depending on the application, could even use batteries or solar power. In the HB-LED lighting market, the term driver is usually applied to a device that can accept an input voltage and produce the required voltage. An important factor that affects the correct selection of a particular driver is the way in which multiple LEDs are actually wired together.
LED Parallel Wiring	Parallel wiring means that each component has the same supply voltage and all fittings on the circuit will have the same voltage across the luminaire terminals. The battery current (Amps) is divided by the number of luminaires on the circuit. If one luminaire fails then the remaining fittings on that circuit will stay lit.





**LED Series Wiring**

Series wiring means that each component has the same current and the battery voltage is divided by the number of luminaires on the circuit. If one luminaire fails then the remaining fittings on that circuit will NOT stay lit. Please note that incorrect wiring of an LED can result in irreparable damage to the LED and associated power supplies.

**LED White**

Previously, the only way to produce white LED light was by the additive colour mixing of the three basic colours using so-called MULTILED, i.e., three semiconductor chips (red, green and blue LED) had to be combined. Today, manufacturers can produce white LED light with only a single chip. In luminescence conversion, only a blue LED is used, whose light stimulates a luminescent substance that emits yellow light, the system produces the colour white. Depending on the composition of the luminescent substance, various white tones can be achieved such as warm white, cool white etc

**LIA**

Ansell Lighting is an accredited member of this leading UK trade organisation. All Ansell manufacturing facilities are audited on an annual basis to ensure compliance and quality.

[www.thelia.org.uk](http://www.thelia.org.uk)

**Lighting Design**

Ansell offer a lighting design service provided by a team of vastly experienced and industry qualified staff. A simple to complete form is available to ensure designs are prepared with all of the correct criteria taken into consideration.

Contact: E: [lightingdesign@anselluk.com](mailto:lightingdesign@anselluk.com) T: 01942 433 537

**Light Meter**

or exposure meter. A device use for the measurement of light intensity. This should have a cosine corrected sensor, usually a convex shape, to measure light falling on to it from all directions and a digital readout for accuracy.

**Light Spillage/Trespass**

Unwanted or nuisance light which is spilled beyond the boundry of the illuminated property or area.

**Lm/W**

Lm/W can be separated into two categories: Lumens per Watt and Luminaire Lumens per Watt. Each can be used dependent upon the requirement and application type.

Lumen per Circuit Watt is a measure of the efficacy of a light source in terms of the total lamp lumens compared to the power consumed. For example, a 100-watt fixture producing 1750 lumens gives 17.5 lumens per watt.

Luminaire Lumens per Circuit Watt is a measure of the total lamp lumens and how the luminaire manipulates this light (L.O.R.) compared to the power consumed. For example, a 100-watt fixture producing 1750 lumens with a L.O.R. of 0.50 gives 35 luminaire lumens per watt.

**LOR**

Light Output Ratio. The ratio of the total light output of a luminaire under stated conditions to that of the lamp or lamps under reference conditions. The higher the figure, the more efficient the luminaire is. LOR may consist of any ratio of DLOR and/or ULOR.

**Lumen**

Standard unit of luminous flux. Describes the quantity of light emitted by a light source or received by a surface.

## Lumen Depreciation

Figures published refer to the L50, L70 or L80 classification system where the number relates to the percentage of light output. So a 30,000hr L70 LED would be expected to have 70% of its rated output at 30,000hrs. LED's are subject to very small operating temperature parameters and figures quoted are typically at 25°C.

<b>Luminance</b>	The physical measure of brightness measured by the luminous intensity of the light emitted or reflected in a given direction from a surface element divided by the area of the element in the same direction. The SI unit of luminance is the candela per square metre (Cd/m <sup>2</sup> ) It is very difficult to determine other than with a luminance meter.
<b>Luminous Efficiency</b>	The ratio of the luminous flux emitted by a lamp to the power consumed by the lamp. When the power consumed by the control gear is taken into account this term is sometimes known as lamp circuit luminous efficacy and is expressed in lumens/circuit watts.
<b>Lux</b>	The metric unit of measure for illuminance of a surface. One lux is equal to one lumen per metre-squared.
<b>Maintained Luminaire</b>	A luminaire containing one or more lamps all of which operate from the normal supply or from the emergency supply when required.
<b>Mesh Network</b>	A collection of self-configuring nodes that connect and communicate in a non-hierarchical manner
<b>Metal Halide Lamp</b>	A high intensity discharge (HID) lamp, which uses a mercury discharge modulated by other additives to give, enhance colour and efficiency.
<b>Mercury Lamp</b>	A type of high intensity discharge (HID) lamp in which most of the light is produced by radiation from mercury vapour. Available in clear and phosphor-coated lamps.
<b>Microwave Sensor (MWS)</b>	Microwave Sensor( MWS ) Sophisticated presence detector that uses low power Microwave signals which are then reflected by moving persons and measured using the "Doppler effect" method. As lamps will have life expectancy affected by frequent switching, sensors integral to Ansell luminaires have been configured to maximise lamp life.
<b>M3</b>	Maintained 3hour, Mode and duration (minimum with fully charged batteries) of an Emergency luminaire.To ensure the full duration is achieved, Emergency luminaires must be correctly maintained to condition the batteries.
<b>Network</b>	A network consists of multiple devices that can communicate with one another. This can range from two, to billions of devices.
<b>Night Light (NL)</b>	A light source used only to provide low levels of illumination at night, for security or safe movement of persons. This may either be a standalone luminaire or an option incorporated within a luminaire used for general lighting. Low wattage compact fluorescent lamps are ideal for this application.
<b>NiCd</b>	The nickel-cadmium battery (NiCd battery or NiCad battery) is a type of rechargeable battery using nickel oxide hydroxide and metallic cadmium as electrodes. The abbreviation Ni-Cd is derived from the chemical symbols of nickel (Ni) and cadmium (Cd)
<b>NiMh</b>	A nickel-metal hydride battery, abbreviated NiMH or Ni-MH, is a type of rechargeable battery. Its chemical reactions are somewhat similar to the largely obsolete nickel-cadmium cell (NiCd). NiMH use positive electrodes of nickel oxyhydroxide (NiOOH), like the NiCd, but the negative electrodes use a hydrogen-absorbing alloy instead of cadmium, being in essence a practical application of nickel-hydrogen battery chemistry. A NiMH battery can have two to three times the capacity of an equivalent size NiCd, and their energy density approaches that of a lithium-ion cell.
<b>Node</b>	A device such as a 'smart luminaire' or a sensor in a network.
<b>Non-Maintained Luminaire</b>	Luminaire is off when the mains power is available to charge the batteries. Upon supply failure the luminaire is energised from the battery pack.
<b>Open (anti-panic) Area Lighting</b>	A part of Emergency Escape Lighting provided to avoid panic and provides illumination-allowing people to reach a place where an escape route can be identified.





<b>Operating Frequency</b>	Refers to the frequency at which the output of a lamp or LED source operates per second. Electronic or high frequency control gear will increase the operating frequency into an operating frequency that the human eye cannot detect.
<b>PIR</b>	<p>Passive InfraRed (Detectors) are a type of occupancy sensor. Ansell do not recommend HF compact fluorescent luminaires controlled by PIR's and they should have a minimum of a 20 minute switching cycle.</p> <p>The PIR's are suitable for LED lamps / luminaires. LED lamps / luminaires can be switched at any frequency but provision must be taken for the in-rush current of the LED control gear. Ansell recommends the use of branded PIR devices.</p>
<b>Phosphor</b>	The powder coating in an electric discharge lamp is the phosphor. The most common chemical used to make white light is calcium halophosphate. Other colours can be produced by a variety of other chemicals.
<b>Photocell</b>	A light-sensing device used to control luminaires and dimmers in response to detected light levels.
<b>Phase Cut Off / Resistive Dimmers</b>	Devices used to vary the brightness of a light. By decreasing or increasing the RMS voltage and, hence, the mean power to the lamp, it is possible to vary the intensity of the light output. Although variable-voltage devices are used for various purposes, the term dimmer is generally reserved for those intended to control light output from resistive incandescent, halogen, and (more recently) compact fluorescent lights (CFLs) and light-emitting diodes (LEDs). More specialised equipment is needed to dim fluorescent, mercury vapor, solid state and other arc lighting.
<b>Photometrics</b>	Photometrics is a term that expresses the result of scientifically tested Ansell Lighting products to produce information that can be used in lighting design packages such as Relux. This information is available for download at <a href="http://www.anselluk.com/downloads">www.anselluk.com/downloads</a>
<b>Protocol</b>	The 'language' that unrelated devices use to communicate with each other.
<b>Ra</b>	See Colour Rendering
<b>Range/Proximity</b>	The distance between/from a device/s typically in a wireless network
<b>REACH</b>	Registration, Evaluation, Authorisation & restriction of Chemicals. An EU Directive covering the use of hazardous chemicals used in the manufacturing process and supply of products.
<b>Relux</b>	The Ansell Lighting design department utilises Relux as the standard lighting design package and visual presentation tool. This programme is available free for download from <a href="http://www.relux.biz">www.relux.biz</a>
<b>Repeater</b>	A repeater is an electronic device that receives a signal and retransmits it. Repeaters are often used in networks to extend the range of a transmission or to support a signal where there are obstructions.
<b>RoHS</b>	Restriction of Hazardous Substances (2002/95/EC) is an article 95 directive, meaning it is consistent across all European Union member states. Since July 1st 2006 the use of hazardous substances is restricted in products, to prevent damage to the environment. The prohibited substances are Lead, Mercury, Cadmium, Hexavalent Chromium, Polybrominated Biphenyls and Polybrominated Diphenyl Ethers.
<b>Router</b>	A router is a type of gateway that allows local area networks to send and receive data over the Internet.
<b>Scene</b>	A scene, as used in IoT (Internet of Things) are customisable shortcuts that enable several devices to work together for a specific purpose. A bedtime scene could therefore, turn smart lights off, lock smart locks, pull down smart blinds and activate smart security systems.
<b>SDCM</b>	SDCM, or 'Standard Deviation of Color Matching,' is a key metric in evaluating colour consistency, especially in LED production. The SDCM value for an LED chip, specified as the initial value, is crucial. A lower SDCM indicates superior colour consistency, making it essential for applications requiring accurate and consistent colour rendering, such as in commercial, professional, retail, and art settings.

<b>Self-Contained</b>	The most common type of Emergency lighting luminaire, where all of the components are within one luminaire. This can include gear boxes connected directly to individual luminaires but outside the main luminaire housing.
<b>Self Test Emergency</b>	The Self-Test circuit utilises an accurate internal clock which is programmed to interrupt the permanent mains supply at set intervals thus initiating emergency lighting tests. The Self Test units are supplied pre-programmed to initiate short duration tests once every month, a one third duration test after six months and a full duration test once every 12 months (as recommended in BS5266 and EN50172).
<b>SELV</b>	Separated Extra-Low Voltage. An extra-low voltage system, which is electrically separated from Earth and from other systems in such a way that a single fault cannot give rise to the risk of electric shock.
<b>Smart Device</b>	Smart devices are generally classified as everyday objects that have additional intelligence or connectivity to the Internet and can form part of the Internet of Things (IoT).
<b>Stroboscopic Effect</b>	The optical illusion of motion in which moving objects appear stationary when illuminated with periodically changing light. This is due to the movement of the item occurring at the same frequency as the supply to the lamp, normally 50Hz or 50 times per second. This can be particularly dangerous in industrial applications but can be cured by using high frequency control gear.
<b>Switch-line</b>	The cable between switch/controller and the luminaire or device it controls.
<b>Symmetrical Distribution</b>	Symmetric distribution of light. In many cases, the luminous intensity (light output) is distributed exactly the same either side of the lighting plane. Commonly found on floodlights, downlights and projectors.
<b>Task lighting</b>	Localised lighting intended for a specific task, examples include bedhead reading lights, desk lamps and inspection bench lighting.
<b>t°C</b>	Rated value of the casing's maximum operating temperature. Typically marked on control gear components.
<b>Thermal Cut-out</b>	A protection from overheating due to abnormal lamp conditions (rectifier effect, short circuit or overload), with automatic restart after cooling. If a lamp is in a cycle of, runs for a duration, turns off, then restarts and runs for the duration again, it is likely that a thermal cut-out is operating.
<b>Thermal Performance</b>	This term refers to the design / thermal management of a luminaire.
<b>Timer/time based action</b>	A time based action is something that occurs at a specified time when the rule is executed.
<b>TP(a), TP(b)</b>	The Building Regulations Approved Document B2 (buildings other than dwellinghouses) places restrictions on the use of certain thermoplastic materials when they are used as lighting diffusers and form part of a ceiling. TP(a) rated materials may be used almost without restriction, restrictions exist on the use of TP(b) rated materials.
<b>Transformer</b>	A device by which the voltage of alternating current is changed. Traditional transformers are constructed by copper wire wound around an iron core, Electronic transformers are also commonly found. Typically used for supplying low voltage lamps, most transformers can be dimmed. The success of dimming depends on many factors including the type of dimmer and transformer used. Ansell can not recommend particular dimmers and suggest that the dimmer supplier is consulted for compatibility.
<b>ULOR</b>	Upward Light Output Ratio The ratio of the total light output of a luminaire above the horizontal.
<b>Unified Glare Rating</b>	UGR is a calculated value for the amount of glare or discomfort produced by a luminaire; its value ranges from 10 to 30, the higher the value the more perceptible the glare effect.
<b>Utilisation Factor</b>	The proportion of the luminous flux emitted by a light source, which reaches the working plane.



<b>UV Ultra Violet</b>	Invisible radiation that is shorter in wavelength and higher in frequency than visible violet light (literally beyond the violet light). Lamps that emit varying degrees of long wave ultraviolet light, which does cause harm or degradation overtime, may require filters to absorb the UV. A 'failed' lamp that does not emit any visible light is still capable of emitting high levels of UV light but is not noticed as the lack of visible light gives the impression that the lamp is not operating. The high levels of UV can then cause damage to materials, particularly plastics, with dis-colouration and crumbling of the material. Therefore failed lamps should always be replaced immediately. Ultraviolet light source can be used to create special lighting effects with fluorescent materials. UV sources can be incandescent, fluorescent, or preferably HID lamps.
<b>Voltage</b>	The electric potential which exists between two components in an electrical circuit. Lamps are rated in terms of wattage at a specific voltage. Operating a lamp at another voltage from that which it is rated may cause the lamp to burn at less than full intensity or to burn out very quickly.
<b>Voice Control</b>	Voice control and voice activation allows users to activate or control a wide range of tasks by simply using their voice rather than by buttons, or controls.
<b>Watt (W)</b>	The unit for measuring electrical power. It defines the rate of energy consumption by an electrical device when it is in operation. The energy cost of operating an electrical device is calculated as its wattage times the hours of use. In singlephase circuits, it is related to volts and amps by the formula: Volts x Amps x Power Factor = Watts. (Note: For AC circuits, Power Factor must be included.)
<b>Wireless</b>	Is the transfer of information between devices without the use of a wired connection. Typically this information is carried over radio waves of a specific frequency.
<b>WLAN</b>	Wireless Local Area Network: a collection of devices connected together over a limited area using a shared wireless protocol (typically 'Internet Protocol' over Wi-Fi).
<b>WEEE</b>	<p>Compliance with the Waste Electrical and Electronic Equipment Directive. This covers the collection, treatment and recycling of equipment at end of life. WEEE producer numbers are</p> <p>Ansell Electrical Products (Warrington) - WEE/FH0429XT</p> <p>Ansell Sales and Distribution (Belfast) - WEE/GJ0292UQ</p> <p>When supplied as B2B EEE the producer invokes regulation 12.2 and passes all WEEE obligations to the end user.</p>
<b>Zenith</b>	The direction directly above the luminaire (180° angle). Term used in floodlighting designs.
<b>ZigBee</b>	A standardised wireless communication protocol typically used in small scale 'smart home' networks. A standardised wireless communication protocol typically used in small scale 'smart home' networks.

# Technical Lamp Types

Lamp Type	Rating (W)	Light Flux (lm)	Illustration	Cap Type /Base	Colour Temperature	Voltage(V)
PL-S	5 7 9 11	250 400 600 900		G23	4000K	230
PL-C (2-Pin)	10 13 18 26	600 900 1,200 1,800		G24 d-1 G24 d-1 G24 d-2 G24 d-3	4000K	230
PL-C (4-Pin)	10 13 18 26	600 900 1,200 1,800		G24 q-1 G24 q-1 G24 q-2 G24 q-3	4000K	230
PL-T	13 18 26 32 42 57 70	900 1,200 1,800 2,400 3,200 4,300 5,200	 	GX24 q-1 GX24 q-2 GX24 q-3 GX24 q-3 GX24 q-4 GX24 q-5 GX24 q-6	4000K	230
Megaman Clusterlite	60W	4,000		E27	4000K	230
PL-L	18 24 36 40 55 80	1,200 1,800 2,900 3,500 4,800 6,000		2G11	4000K	230
TC-DD (2 Pin)	16 28	1,050 2,050		GR8	3500K	230
TC-DD (4 Pin)	16 28 38	1,050 2,050 2,700		GR10q	3500K	230
T5c	40 55	3,400 4,300		2GX13	4000K	230
GX53	7 9 11 13	350 450 570 650		GX53	2700/4000K	230
T5 Miniature	4 6 8 13	150 260 420 850		G5	3500K	230
T5 High Efficiency	14 21 28 35	1,350 2,100 2,900 3,650		G5	4000K	230
T5 High Output	24 39 49 54 80	2,000 3,500 4,900 5,000 7,000		G5	4000K	230
T8 Triphosphor	18 36 58 70	1,350 3,350 5,200 6,000		G13	4000K	230
T8 Halophosphor	15 18 30 36 58 70	950 1,150 2,175 2,850 4,600 5,500		G13	3500K	230

Lamp Type	Rating (W)	Light Flux (lm)	Illustration	Cap Type /Base	Colour Temperature	Voltage (V)
T8 LED Tubes	10 18 22	1050 2000 2350		G13	4500K	230
SONE-I	70	5,300		E27	2000K	230
SONT	150 250 400	15,000 27,500 50,000		E40	2000K	230
SONT	1,000	130,000		E40	2050K	230
SONE	250 400	26,000 47,500		E40	2000K	230
MBF 125	80 6,500	3,800		E27 4000K	4100K	230
MBF	250 400	15,000 22,500		E40	3500K	230
HQI-TS	70 150	5,500 10,000		RX-7	4200K	230
HQI-E	70 150	5,300 13,300		E27	4000K	230
HQI-E	250 400	23,800 41,000		E40	4000K	230
HQI/T (MBI/T)	200 250 320 400	20,000 18,900 30,000 32,400		E40	4000K	230
HPI/T	250 400	19,000 33,000		E40	4000K	230
HQI/T (MBI/T)	1,000 2,000	85,000 240,000		E40	6000K	230 415
CDM-T	35 70 150	4,000 7,750 15,000		G12	3000K	230
CDM-TC	35 70	4,000 7,650		G8.5	3000K	230
GLS Halogen	30 46 70	405 700 1,200		B22	2700K	230
Striplight	60	710		S19	2700K	230
G4	20	260		G4	2900K	12
G9	40 60	490 820		G9	2900K	230

# Product Name Index

PRODUCT	PAGE	PRODUCT	PAGE	PRODUCT	PAGE
Acero Bi-directional Wall Light	266	Edge GU10 Trimless IP65 Fire Rated Downlight	146	Leo Polycarbonate Bollard Connected by WiZ	57
Acero Directional	277	Elite	239	Leo Polycarbonate Half Lantern Connected by WiZ	54
Acero GU10	360	Emergency Bolt-On	544	Leo Polycarbonate Lantern Connected by WiZ	55
Adler Exit Sign	520	Encore	518	Leo Wall Lantern	287
Adler Slim Exit Box	514	EndLED	516	Libra	338
Adrina	444	Endurance 1200x300	474	Lodi Slim	128
Alto	262	Endurance 1200x600	473	Lota	490
Antila	248	Endurance UGR<19 1200x600	470	Lucca	312
Apex	417	Endurance UGR<19 600x600	468	Luna	296
Arco	243	Ergo Eco	102	Lynx	322
Arco	342	Falcon	538	Lynx Mini	323
Aries	330	Falcon Pro	536	Madrid	336
ARX 600x600 Anti-Ligature Kit	496	Falcon Wall	539	Magna	400
ARX Adler Anti-Ligature Exit Box	497	Fidenza	366	Marlo	435
ARX Anti-Ligature Bulkhead	498	Flexible Connector	218	Matala	281
ARX Anti-Ligature Cornice	503	Forceline	413	Matrix	233
ARX Anti-Ligature Surface Linear	502	Freska	126	Mattone	364
ARX Downlight Anti-Ligature Kit	495	Freska Surface	134	Mattone Connected by WiZ	59
Astro	304	Fresno	353	Mercurial	294
Asuri	393	Fresno	354	Merlin	532
Avio	332	Fresno	355	Millau	437
Aztec Asymmetrical	372	Furia	132	Misano Curve	253
Aztec Asymmetrical Coastal	376	Galaxy	116	Misano Square	250
Aztec Symmetrical	374	Galia Mini and Maxi	284	Multi-current Dimmable Drivers	215
Aztec Symmetrical Coastal	378	Gamma and Gamma Mini	302	Murcia	337
Beacon Adjustable	534	Garletta Connected by WiZ	58	Nappa	313
Beacon Fixed	533	Garletta GU10	358	NouLine	426
Beta	310	Gemini	447	OCTO A60 Frosted Smart Lamp Connected by WiZ	35
Blade	454	GU10 Adjustable Inground Uplight	357	OCTO A60 Smart Filament Lamp Connected by WiZ	36
Brock	344	GU10 Inground Uplight	356	OCTO A60 Smart Lamp Connected by WiZ	31
Brock Wall Light	255	Guardian	508	OCTO A60 Smart Lamp Connected by WiZ	32
Brooklyn	440	Harrier	525	OCTO Astro Connected by WiZ	49
Calinor Evo	384	Hawk	546	OCTO C37 Smart Filament Lamp Connected by WiZ	39
Calore	246	Hawk Highbay Emergency Kit	545	OCTO C37 Smart Lamp Connected by WiZ	34
Camini	285	H-CELL LED Strip	196	OCTO Delta Connected by WiZ	50
C-CELL LED Strip	186	Helder Circular	315	OCTO Disco Slim Connected by WiZ	48
Comfort EVO	121	Helder Oval	314	OCTO G95 Smart Filament Lamp Connected by WiZ	38
Comfort EVO Surface	130	Helix	394	OCTO G95 Smart Lamp Connected by WiZ	33
Comfort Tunable White	118	Hope Asymmetric Linear	500	OCTO Gamma Connected by WiZ	47
Condor	526	Humber	438	OCTO Gamma Mini Connected by WiZ	46
Converter Kit Low Voltage and GU10	156	iCage Mini 50W GU10 Die-Cast Downlight	139	OCTO Gateway Powered by Casambi	69
Crescent	451	iCage Mini 50W GU10 Die-Cast Gimbal	140	OCTO GU10 Smart Lamp Connected by WiZ	30
D-CELL LED Strip	190	iCage Mini IP65 50W GU10 Die-Cast Downlight	141	OCTO Indoor CCT/RGBW Controller Powered by Casambi	72
Deco High Bay	415	IP65 GU10/MR16 Die-Cast Bathroom Downlight	155	OCTO Indoor Controller Connected by WiZ	62
Defender IP65	476	IP65 Mini Floodlight Wall Box	391	OCTO Indoor Controller Connected by WiZ	222
Delta	303	Iris	129	OCTO Indoor Controller Powered by Casambi	70
Disco EVO	300	Juno	485	OCTO Indoor Wireless Architectural Smart Switch Powered by Casambi	76
Doppio	259	Kaiser	234	OCTO Indoor Wireless Smart Switch Powered by Casambi	77
Doppio HP	260	Kala	181	OCTO Indoor Wireless Xpress Smart Switch Powered by Casambi	78
Doppio HP Directional	272	Kappa	282	OCTO IP65 Smart PIR Sensor Powered by Casambi	83
Downlight Accessories	157	K-CELL LED Strip	198	OCTO IP65 Wireless Smart Switch Powered by Casambi	79
Dual Voltage Shaver Socket	237	Kestrel	523	OCTO IP66 Smart High Bay Open Area PIR Sensor Powered by Casambi	85
Duet	339	Kite	511	OCTO IP66 Smart High Bay Racking Aisle PIR Sensor Powered by Casambi	84
Dugas	276	Latina E27 Half Lantern	289	OCTO Outdoor Controller Powered by Casambi	75
Duo Midi	257	Latina E27 Wall Lantern	291	OCTO Outdoor Smart PIR Sensor Connected by WiZ	61
Duo Midi	268	Latina Half Lantern	288	OCTO Prism Pro Anti-Glare FRD Connected by WiZ	44
Eagle	522	Latina Wall Lantern	290	OCTO Prism Pro FRD Connected by WiZ	42
E-CELL LED Strip	192	Lazer Projector	363	OCTO Smart PIR Sensor Connected by WiZ	60
Eclipse	298	LED Drivers Constant Current Non-Dimmable	214	OCTO Smart PIR Sensors Powered by Casambi	82
Ecoline	423	LED Drivers Constant Voltage Non-Dimmable	212	OCTO Smart Remote Control Connected by WiZ	64
Eden	386	LED Lighting Pack	547	OCTO ST64 Smart Filament Lamp Connected by WiZ	37
Edge GU10 Fire Rated Downlight	142	Legion	540	OCTO Venom RGBW Flexible Strip Kit Connected by WiZ	41
Edge GU10 Fire Rated Gimbal	144	Leo	335	OCTO Wireless Push to Make Switch Interface Powered by Casambi	80
Edge GU10 IP65 Fire Rated Downlight	145	Leo Half Lantern	286	OCTO Wireless Smart Plug Connected by WiZ	63



# Product Name Index

567

PRODUCT	PAGE
Onix	399
Opti-Linear	414
Osprey Cold Store	513
Osprey High Rack	512
Otto EVO	433
Owl High Output	528
Oxford	453
Pace PLUS	467
Pace RGBW 600x600	463
Pace Tunable White 600x600	462
Pace UGR<19 1200x300	466
Pace UGR<19 1200x600	464
Pace UGR<19 600x600	460
Panel Pod	542
Panel Pod Emergency	478
Panel Pod Sensor	479
Panther	324
Parona	283
P-CELL LED Strip	200
Pi	136
Pi Low Level	280
Pouri	264
Primo Libero Three Circuit Linear	176
Primo Single Circuit 1	162
Primo Single Circuit 2	164
Primo Single Circuit 3	166
Primo Single Circuit Accessories	161
Primo Single Circuit GU10	167
Primo Single Circuit Track	160
Primo Three Circuit 1	170
Primo Three Circuit 2	172
Primo Three Circuit 3	174
Primo Three Circuit Accessories	169
Primo Three Circuit Track	168
Prism Pro Fire Rated Anti-Glare Downlight	94
Prism Pro Fire Rated Downlight	92
Prism Pro Fire Rated Gimbal	96
Prism Pro Mini CCT Fire Rated Downlight	97
Prism Pro Mini Fire Rated Anti-Glare Downlight	98
Prism Pro Trimless Bezel Kit	100
Profile Dual Voltage Razor Light	236
Proline EVO	449
Python White Flexible Strip Kits	208
Raptor	527
Raven	535
Razzo	524
Reef Bi-directional	247
Reef Bi-Directional Wall Light Connected by WiZ	53
Reef Directional	274
Reef Directional Wall Light Connected by WiZ	52
Rondo Surface/Spike Light	362
Ruby	179
Segano	254
Senza	242
Senza	341
Signal	531
Signal Pro	530
Siipa Dual	488
Siipa Solo	486
Silicone	219
Skylight Recessing Frame for Recessed Panels	481
Sleek	311
Sorrento	316
Spektrum	492

PRODUCT	PAGE
Spirit Asymmetrical	278
Spirit Symmetrical	279
Surface Mounting Frames for Recessed Panels	480
Swan	240
Swift	510
Tandem	271
Taurus	328
Telic	382
Tempo	244
Thunder ECO	422
Topline EVO	424
Tornado EVO	420
Tornado Pro	418
Tridon	245
Turlock	348
Turlock	349
Turlock	351
Turlock	352
Twin Spot	529
Twistlock GU10 / 50W IP44 Outdoor Die-Cast Gimbal	154
Twistlock GU10 Die-Cast Downlight	148
Twistlock GU10 Die-Cast Gimbal	150
Twistlock GU10 IP44 Die-Cast Downlight	151
Twistlock GU10 IP65 Downlight	153
U-CELL LED Strip	204
Unity 100 Wallwash	110
Unity 125 Downlight	108
Unity 150 Downlight	109
Unity 150 Wallwash	112
Unity 175 Wallwash	113
Unity 80 Downlight and Gimbal	106
Unity GC Pro Fixed	104
Unity S and R	115
Unity S and R Retractable	114
Vantage	124
Vantage UGR<19	122
Vasco	442
Viper RGB Flexible Strip Kit	209
Vision	306
Vision Mini	309
Volo	482
Watchman	519
Wolf	319
Wolf Mini	320
Wolf Post Top	396
Z LED ECO	408
Z LED Linear	412
Z LED Opti-X	410
Z LED Performance	406
Z LED PLUS	405
Zart	249
Z-CELL LED Strip	206
Zeker	388



PRODUCT CODE	PAGE	PRODUCT CODE	PAGE	PRODUCT CODE	PAGE
AACERO/SL/BLK	360	AADRINA5/OCTO	444	AARXB/1/DD4/DM3	498
AACERO/SL/SSL	360	AADRINA5/OCTO/DM3	444	AARXB/1/DD4/SM3	498
AACERO/WL/BLK	360	AADRINA5/OCTO/SM3	444	AARXB/1/DM3	498
AACERO/WL/BLK/PIR	360	AADRINA5/PC	444	AARXB/1/MWS	498
AACERO/WL/SSL	266	AADRINA5/SM3	444	AARXB/1/MWS/DM3	498
AACERO/WL/SSL/PIR	266	AALED1/BV/CCT	304	AARXB/1/MWS/PC	498
AACERO/WLD/BLK	277	AALED1/BV/CCT/CF	304	AARXB/1/MWS/SM3	498
AACERO/WLD/BLK/PIR	277	AALED1/BV/CCT/CF/PC	304	AARXB/1/NL	498
AACERO/WLD/SSL	277	AALED1/BV/CCT/PC	304	AARXB/1/PC	498
AACERO/WLD/SSL/PIR	277	AALED1/WV/CCT	304	AARXB/1/SM3	498
AADL/3M/B/DM3	520	AALED1/WV/CCT/CF	304	AARXC5/1/B	503
AADL/3M/BLK	520	AALED1/WV/CCT/CF/PC	304	AARXC5/1/B/DD1	503
AADL/3M/W	520	AALED1/WV/CCT/PC	304	AARXC5/1/B/DD1/DM3	503
AADL/3M/W/DM3	520	AALED1/WV/CCTCF/PC	304	AARXC5/1/B/DD1/SM3	503
AADL/P3/3M/B	520	AALED2/BV/CCT	304	AARXC5/1/B/DD2	503
AADL/P3/3M/W	520	AALED2/BV/CCT/CF	304	AARXC5/1/B/DD2/DM3	503
AADL/SRK/BLK	520	AALED2/BV/CCT/CF/M3	304	AARXC5/1/B/DD2/SM3	503
AADL/SRK/W	520	AALED2/BV/CCT/CF/M3/PC	304	AARXC5/1/B/DD3	503
AADL/WB/BLK	520	AALED2/BV/CCT/CF/SM3	304	AARXC5/1/B/DD3/DM3	503
AADL/WB/W	520	AALED2/BV/CCT/DD1	304	AARXC5/1/B/DD3/SM3	503
AADLSE/BLK	514	AALED2/BV/CCT/DD1/M3	304	AARXC5/1/B/DD4	503
AADLSE/W	514	AALED2/BV/CCT/DD1/MWS	304	AARXC5/1/B/DD4/DM3	503
AADRINA/600	444	AALED2/BV/CCT/DD1/MWS/M3	304	AARXC5/1/B/DD4/SM3	503
AADRINA/SK	444	AALED2/BV/CCT/DD3	304	AARXC5/1/B/DM3	503
AADRINA/SMK	444	AALED2/BV/CCT/DD3/M3	304	AARXC5/1/B/MWS	503
AADRINA2X5	444	AALED2/BV/CCT/DD3/MWS	304	AARXC5/1/B/MWS/DM3	503
AADRINA2X5/CF	444	AALED2/BV/CCT/DD3/MWS/M3	304	AARXC5/1/B/MWS/SM3	503
AADRINA2X5/CF/DM3	444	AALED2/BV/CCT/M3	304	AARXC5/1/B/OCTO	503
AADRINA2X5/CF/DM3/PC	444	AALED2/BV/CCT/M3/PC	304	AARXC5/1/B/OCTO/DM3	503
AADRINA2X5/CF/PC	444	AALED2/BV/CCT/MWS	304	AARXC5/1/B/OCTO/SM3	503
AADRINA2X5/CF/SM3	444	AALED2/BV/CCT/MWS/M3	304	AARXC5/1/B/SM3	503
AADRINA2X5/CF/SM3/PC	444	AALED2/BV/CCT/MWS/M3/PC	304	AARXC5/1/W	503
AADRINA2X5/DD1	444	AALED2/BV/CCT/MWS/PC	304	AARXC5/1/W/DD1	503
AADRINA2X5/DD1/DM3	444	AALED2/BV/CCT/PC	304	AARXC5/1/W/DD1/DM3	503
AADRINA2X5/DD1/SM3	444	AALED2/WV/CCT	304	AARXC5/1/W/DD1/SM3	503
AADRINA2X5/DD2	444	AALED2/WV/CCT/CF	304	AARXC5/1/W/DD2	503
AADRINA2X5/DD2/DM3	444	AALED2/WV/CCT/CF/M3	304	AARXC5/1/W/DD2/DM3	503
AADRINA2X5/DD2/SM3	444	AALED2/WV/CCT/CF/M3/PC	304	AARXC5/1/W/DD2/SM3	503
AADRINA2X5/DD3	444	AALED2/WV/CCT/CF/SM3	304	AARXC5/1/W/DD3	503
AADRINA2X5/DD3/DM3	444	AALED2/WV/CCT/DD1	304	AARXC5/1/W/DD3/DM3	503
AADRINA2X5/DD3/SM3	444	AALED2/WV/CCT/DD1/M3	304	AARXC5/1/W/DD3/SM3	503
AADRINA2X5/DD4	444	AALED2/WV/CCT/DD1/MWS	304	AARXC5/1/W/DD4	503
AADRINA2X5/DD4/DM3	444	AALED2/WV/CCT/DD1/MWS/M3	304	AARXC5/1/W/DD4/DM3	503
AADRINA2X5/DD4/SM3	444	AALED2/WV/CCT/DD3	304	AARXC5/1/W/DD4/SM3	503
AADRINA2X5/DM3	444	AALED2/WV/CCT/DD3/MWS	304	AARXC5/1/W/DM3	503
AADRINA2X5/MWS	444	AALED2/WV/CCT/DD3/MWS/M3	304	AARXC5/1/W/MWS	503
AADRINA2X5/MWS/DM3	444	AALED2/WV/CCT/M3	304	AARXC5/1/W/MWS/DM3	503
AADRINA2X5/MWS/PC	444	AALED2/WV/CCT/M3/PC	304	AARXC5/1/W/MWS/SM3	503
AADRINA2X5/MWS/SM3	444	AALED2/WV/CCT/MWS	304	AARXC5/1/W/OCTO	503
AADRINA2X5/OCTO	444	AALED2/WV/CCT/MWS/M3	304	AARXC5/1/W/OCTO/DM3	503
AADRINA2X5/OCTO/DM3	444	AALED2/WV/CCT/MWS/M3/PC	304	AARXC5/1/W/OCTO/SM3	503
AADRINA2X5/OCTO/SM3	444	AALED2/WV/CCT/MWS/PC	304	AARXC5/1/W/SM3	503
AADRINA2X5/PC	444	AALED2/WV/CCT/PC	304	AARXDLK/1	495
AADRINA2X5/SM3	444	AAPEXLED/4	417	AARXL5/1/B	502
AADRINA5	444	AAPEXLED/5	417	AARXL5/1/B/DD1	502
AADRINA5/CF	444	AAPEXLED/SK	417	AARXL5/1/B/DD1/SM3	502
AADRINA5/CF/DM3	444	AARIES/900/BL/CW	330	AARXL5/1/B/DD3	502
AADRINA5/CF/DM3/PC	444	AARIES/900/BL/WW	330	AARXL5/1/B/DD3/SM3	502
AADRINA5/CF/PC	444	AARIES/900/GR/CW	330	AARXL5/1/B/DD4	502
AADRINA5/CF/SM3	444	AARIES/900/GR/WW	330	AARXL5/1/B/DD4/SM3	502
AADRINA5/CF/SM3/PC	444	AARIES/900/RU/CW	330	AARXL5/1/B/DM3	502
AADRINA5/DD1	444	AARIES/900/RU/WW	330	AARXL5/1/B/MWS	502
AADRINA5/DD1/DM3	444	AARX60K/1	496	AARXL5/1/B/MWS/DM3	502
AADRINA5/DD1/SM3	444	AARXADK/1	497	AARXL5/1/B/MWS/SM3	502
AADRINA5/DD2	444	AARXB/1	498	AARXL5/1/B/OCTO	502
AADRINA5/DD2/DM3	444	AARXB/1/CF	498	AARXL5/1/B/SM3	502
AADRINA5/DD2/SM3	444	AARXB/1/CF/DM3	498	AARXL5/1/W	502
AADRINA5/DD3	444	AARXB/1/CF/DM3/PC	498	AARXL5/1/W/DD1	502
AADRINA5/DD3/DM3	444	AARXB/1/CF/PC	498	AARXL5/1/W/DD1/SM3	502
AADRINA5/DD3/SM3	444	AARXB/1/CF/SM3	498	AARXL5/1/W/DD3	502
AADRINA5/DD4	444	AARXB/1/CF/SM3/PC	498	AARXL5/1/W/DD3/SM3	502
AADRINA5/DD4/DM3	444	AARXB/1/DD1	498	AARXL5/1/W/DD4	502
AADRINA5/DD4/SM3	444	AARXB/1/DD1/DM3	498	AARXL5/1/W/DD4/SM3	502
AADRINA5/DM3	444	AARXB/1/DD1/SM3	498	AARXL5/1/W/DM3	502
AADRINA5/MWS	444	AARXB/1/DD3	498	AARXL5/1/W/MWS	502
AADRINA5/MWS/DM3	444	AARXB/1/DD3/DM3	498	AARXL5/1/W/MWS/DM3	502
AADRINA5/MWS/PC	444	AARXB/1/DD3/SM3	498	AARXL5/1/W/MWS/SM3	502
AADRINA5/MWS/SM3	444	AARXB/1/DD4	498	AARXL5/1/W/OCTO	502

PRODUCT CODE	PAGE	PRODUCT CODE	PAGE	PRODUCT CODE	PAGE
AARXL5/1/W/SM3	502	ACOM1/1/SMF/B	130	ADDIM150/24V/DD	213
AAVIO/900/BL/CW	332	ACOM1/1/SMF/W	130	ADDIM150/24V/IP67/DD	213
AAVIO/900/BL/WW	332	ACOM2/1	121	ADDIM200/24V/DD	213
AAVIO/900/GR/CW	332	ACOM2/1/DD1	121	ADDIM200/24V/IP67/DD	213
AAVIO/900/GR/WW	332	ACOM2/1/DD2	121	ADDIM200/48V/IP67/DD	213
AAVIO/HS/BL	332	ACOM2/1/DD3	121	ADDIM240/24V/DD	213
AAVIO/HS/GR	332	ACOM2/1/DD4	121	ADDIM240/24V/IP67/DD	213
AAZCLED100	378	ACOM2/1/DM3	121	ADDIM240/48V/IP67/DD	213
AAZCLED100/ASY	376	ACOM2/1/OCTO	121	ADDIM50/24V	213
AAZCLED150	378	ACOM2/1/OCTO/DM3	121	ADDIM60/24V/DD	213
AAZCLED150/ASY	376	ACOM2/1/SMF/B	130	ADDIM60/24V/IP67/DD	213
AAZCLED200	378	ACOM2/1/SMF/W	130	ADDIM75/24V	213
AAZCLED200/ASY	376	ACP/SC	156	ADDIM90/48V/IP67/DD	213
AAZCLED300	378	ACP/W	156	ADELED	476
AAZCLED300/ASY	376	ACRESLED4	451	ADELED/DD1	476
AAZCLED50	378	ACRESLED4/DD1	451	ADELED/DD1/DM3	476
AAZCLED50/ASY	376	ACRESLED4/DD1/DM3	451	ADELED/DD1/M3	476
AAZLED/40-150PCA	378	ACRESLED4/DD1/M3	451	ADELED/DD1/SM3	476
AAZLED/40-90PCA	378	ACRESLED4/DD1/SM3	451	ADELED/DD2	476
AAZLED/60PMA	378	ACRESLED4/DD3	451	ADELED/DD2/M3	476
AAZLED/76PMA	378	ACRESLED4/DD3/DM3	451	ADELED/DD3	476
AAZLED100	374	ACRESLED4/DD3/M3	451	ADELED/DD3/DM3	476
AAZLED100/ASY	372	ACRESLED4/DD3/SM3	451	ADELED/DD3/M3	476
AAZLED150	374	ACRESLED4/DD4	451	ADELED/DD3/SM3	476
AAZLED150/ASY	372	ACRESLED4/DD4/DM3	451	ADELED/DD4	476
AAZLED200	374	ACRESLED4/DD4/M3	451	ADELED/DD4/DM3	476
AAZLED200/ASY	372	ACRESLED4/DD4/SM3	451	ADELED/DD4/M3	476
AAZLED300	374	ACRESLED4/DM3	451	ADELED/DD4/SM3	476
AAZLED300/ASY	372	ACRESLED4/M3	451	ADELED/DM3	476
AAZLED50	374	ACRESLED4/SM3	451	ADELED/M3	476
AAZLED50/ASY	372	ACRESLED5	451	ADELED/OCTO	476
ABD/CH	155	ACRESLED5/DD1	451	ADELED/OCTO/DM3	476
ABD/SC	155	ACRESLED5/DD1/DM3	451	ADELED/OCTO/M3	476
ABD/W	155	ACRESLED5/DD1/M3	451	ADELED/OCTO/SM3	476
ABFLED/3NM	533	ACRESLED5/DD1/SM3	451	ADELED/SM3	476
ABLA/12M/1	454	ACRESLED5/DD3	451	ADHBLD/ALU/REF	415
ABLA/24M/1	454	ACRESLED5/DD3/DM3	451	ADHBLD/PC/BC	415
ABLA/90/1	454	ACRESLED5/DD3/M3	451	ADHBLD/PC/REF	415
ABLA/LC/1	454	ACRESLED5/DD3/SM3	451	ADHBLD/SK	415
ABLA/T/1	454	ACRESLED5/DD4	451	ADHBLD1	415
ABLA/X/1	454	ACRESLED5/DD4/DM3	451	ADHBLD1/ALU	415
ABLA060/1/W	454	ACRESLED5/DD4/M3	451	ADHBLD1/ALU/DD1	415
ABLA060/1/W/OCTO	454	ACRESLED5/DD4/SM3	451	ADHBLD1/ALU/DD2	415
ABLA120/1/W	454	ACRESLED5/DM3	451	ADHBLD1/ALU/DD3	415
ABLA120/1/W/OCTO	454	ACRESLED5/M3	451	ADHBLD1/ALU/DD4	415
ABLA150/1/W	454	ACRESLED5/SM3	451	ADHBLD1/PC	415
ABLA150/1/W/OCTO	454	ACSQLEDWL	285	ADHBLD1/PC/DD1	415
ABLED/3NM	534	ACTSLED/B/3NM	526	ADHBLD1/PC/DD2	415
ABROLED	440	ACTSLED/W/3NM	526	ADHBLD1/PC/DD3	415
ACAE10/1/CW/B	384	AD100/24V	212	ADHBLD1/PC/DD4	415
ACAE10/1/CW/B/PIR	384	AD100/24V/IP67	212	ADHBLD2	415
ACAE10/1/WW/B	384	AD100/48V	212	ADHBLD2/ALU	415
ACAE10/1/WW/B/PIR	384	AD120/24V	212	ADHBLD2/ALU/DD1	415
ACAE20/1/CW/B	384	AD15/24V	212	ADHBLD2/ALU/DD2	415
ACAE20/1/CW/B/PIR	384	AD150/24V	212	ADHBLD2/ALU/DD3	415
ACAE20/1/WW/B	384	AD150/24V/IP67	212	ADHBLD2/ALU/DD4	415
ACAE20/1/WW/B/PIR	384	AD200/24V	212	ADHBLD2/PC	415
ACAE30/1/CW/B	384	AD200/24V/IP67	212	ADHBLD2/PC/DD1	415
ACAE30/1/CW/B/PIR	384	AD200/48V/IP67	212	ADHBLD2/PC/DD2	415
ACAE30/1/WW/B	384	AD250/24V/IP67	212	ADHBLD2/PC/DD3	415
ACAE30/1/WW/B/PIR	384	AD30/24V	212	ADHBLD2/PC/DD4	415
ACAE50/1/CW/B	384	AD320/24V	212	ADIS1/1	300
ACAE50/1/CW/B/PIR	384	AD320/24V/IP67	212	ADIS1/1/CF	300
ACAE50/1/WW/B	384	AD320/48V/IP67	212	ADIS1/1/CF/M3	300
ACAE50/1/WW/B/PIR	384	AD3W/350	214	ADIS1/1/CF/SM3	300
ACAL/E27	246	AD3W/700	214	ADIS1/1/M3	300
ACFLP/3	547	AD480/48V/IP67	212	ADIS1/1/MWS	300
ACOM1/TW/OCTO	118	AD60/24V	212	ADIS1/1/MWS/M3	300
ACOM/TR/B/1	121	AD600/48V/IP67	212	ADIS1/1/MWS/SM3	300
ACOM/TR/W/1	121	AD75/24V	212	ADIS1/1/SM3	300
ACOM/TW/EB/1	121	AD9W/350	214	ADIS1BZ/CH/1	300
ACOM1/1	121	ADDIM/30/MC	215	ADIS1BZ/GR/1	300
ACOM1/1/DD1	121	ADDIM/50/MC	215	ADIS1BZ/SC/1	300
ACOM1/1/DD2	121	ADDIM/60/MC	215	ADIS2/1	300
ACOM1/1/DD3	121	ADDIM100/24V	213	ADIS2/1/CF	300
ACOM1/1/DD4	121	ADDIM100/24V/DD	213	ADIS2/1/CF/M3	300
ACOM1/1/DM3	121	ADDIM100/24V/IP67/DD	213	ADIS2/1/CF/SM3	300
ACOM1/1/OCTO	121	ADDIM150/24V	213	ADIS2/1/M3	300

PRODUCT CODE	PAGE	PRODUCT CODE	PAGE	PRODUCT CODE	PAGE
ADIS2/1/MWS	300	AE3LED/3M/W	522	AECLED/W/CCT/MWS/M3	298
ADIS2/1/MWS/M3	300	AE3LED/3M/W/ST	522	AECLED/W/CCT/OCTO	298
ADIS2/1/MWS/SM3	300	AE3LED/CPA/SI	522	AECLED/W/CCT/OCTO/DM3	298
ADIS2/1/SM3	300	AE3LED/CPA/W	522	AECLED/W/CCT/OCTO/M3	298
ADIS2BZ/CH/1	300	AE3LED/SWB/SI	522	AEDELED1Q/CW	386
ADIS2BZ/GR/1	300	AE3LED/SWB/W	522	AEDELED1Q/CW/PIR	386
ADIS2BZ/SC/1	300	AECLED/CH/CCT	298	AEDELED1Q/WW	386
ADLC/0	157	AECLED/CH/CCT/CF	298	AEDELED1Q/WW/PIR	386
ADLC/1	157	AECLED/CH/CCT/CF/DM3	298	AEDELED100/CW	386
ADLC/2	157	AECLED/CH/CCT/CF/M3	298	AEDELED100/WW	386
ADLC/4	157	AECLED/CH/CCT/DD1	298	AEDELED150/CW	386
ADLC/6	157	AECLED/CH/CCT/DD1/DM3	298	AEDELED150/WW	386
ADLC/7	157	AECLED/CH/CCT/DD1/M3	298	AEDELED20/CW	386
ADLC/8	157	AECLED/CH/CCT/DD1/MWS/DM3	298	AEDELED20/CW/PIR	386
ADLC/9	157	AECLED/CH/CCT/DD2	298	AEDELED20/WW	386
ADLED1/BV/CCT	303	AECLED/CH/CCT/DD2/DM3	298	AEDELED20/WW/PIR	386
ADLED1/BV/CCT/CF	303	AECLED/CH/CCT/DD2/M3	298	AEDELED200/CW	386
ADLED1/BV/CCT/CF/PC	303	AECLED/CH/CCT/DD3	298	AEDELED200/WW	386
ADLED1/BV/CCT/PC	303	AECLED/CH/CCT/DD3/DM3	298	AEDELED30/CW	386
ADLED1/WV/CCT	303	AECLED/CH/CCT/DD3/M3	298	AEDELED30/CW/PIR	386
ADLED1/WV/CCT/CF	303	AECLED/CH/CCT/DD4	298	AEDELED30/WW	386
ADLED1/WV/CCT/CF/PC	303	AECLED/CH/CCT/DD4/DM3	298	AEDELED30/WW/PIR	386
ADLED1/WV/CCT/PC	303	AECLED/CH/CCT/DD4/M3	298	AEDELED50/CW	386
ADLED2/BV/CCT	303	AECLED/CH/CCT/DM3	298	AEDELED50/CW/PIR	386
ADLED2/BV/CCT/CF	303	AECLED/CH/CCT/M3	298	AEDELED50/WW	386
ADLED2/BV/CCT/CF/M3	303	AECLED/CH/CCT/MWS	298	AEDELED50/WW/PIR	386
ADLED2/BV/CCT/CF/M3/PC	303	AECLED/CH/CCT/MWS/DM3	298	AEDELED70/CW	386
ADLED2/BV/CCT/CF/SM3	303	AECLED/CH/CCT/MWS/M3	298	AEDELED70/WW	386
ADLED2/BV/CCT/DD1	303	AECLED/CH/CCT/OCTO	298	AEFRD/CH	142
ADLED2/BV/CCT/DD1/M3	303	AECLED/CH/CCT/OCTO/DM3	298	AEFRD/IP65/CH	145
ADLED2/BV/CCT/DD1/MWS	303	AECLED/CH/CCT/OCTO/M3	298	AEFRD/IP65/MW	145
ADLED2/BV/CCT/DD1/MWS/M3	303	AECLED/M3/ST	298	AEFRD/IP65/SC	145
ADLED2/BV/CCT/DD3	303	AECLED/SC/CCT	298	AEFRD/MW	142
ADLED2/BV/CCT/DD3/M3	303	AECLED/SC/CCT/CF	298	AEFRD/SC	142
ADLED2/BV/CCT/DD3/MWS	303	AECLED/SC/CCT/CF/DM3	298	AEFRD/TRIM	146
ADLED2/BV/CCT/DD4/MWS/M3	303	AECLED/SC/CCT/CF/M3	298	AEFRG/CH	144
ADLED2/BV/CCT/M3	303	AECLED/SC/CCT/DD1	298	AEFRG/MW	144
ADLED2/BV/CCT/M3/PC	303	AECLED/SC/CCT/DD1/DM3	298	AEFRG/SC	144
ADLED2/BV/CCT/MWS	303	AECLED/SC/CCT/DD1/M3	298	AEFRISD	142
ADLED2/BV/CCT/MWS/M3	303	AECLED/SC/CCT/DD1/MWS/DM3	298	AEFRISG	144
ADLED2/BV/CCT/MWS/M3/PC	303	AECLED/SC/CCT/DD2	298	AELU/1	239
ADLED2/BV/CCT/MWS/PC	303	AECLED/SC/CCT/DD2/DM3	298	AEMBLED	544
ADLED2/BV/CCT/PC	303	AECLED/SC/CCT/DD2/M3	298	AENC/1/SG	518
ADLED2/BZ/EYE/B	303	AECLED/SC/CCT/DD3	298	AENC/1/W	518
ADLED2/BZ/EYE/W	303	AECLED/SC/CCT/DD3/DM3	298	AENC/1/W/ST	518
ADLED2/BZ/GRILL/B	303	AECLED/SC/CCT/DD3/M3	298	AENLED/LI/3M/DA	516
ADLED2/BZ/GRILL/W	303	AECLED/SC/CCT/DD4	298	AENLED/LI/3M/DA/B	516
ADLED2/WV/CCT	303	AECLED/SC/CCT/DD4/DM3	298	AENLED/LI/3M/ST	516
ADLED2/WV/CCT/CF	303	AECLED/SC/CCT/DD4/M3	298	AENLED/LI/3M/ST/B	516
ADLED2/WV/CCT/CF/M3	303	AECLED/SC/CCT/DM3	298	AERGO/CW	102
ADLED2/WV/CCT/CF/M3/PC	303	AECLED/SC/CCT/M3	298	AERGO/DL	102
ADLED2/WV/CCT/CF/SM3	303	AECLED/SC/CCT/MWS	298	AERGO/GIM/CW	102
ADLED2/WV/CCT/DD1	303	AECLED/SC/CCT/MWS/DM3	298	AERGO/GIM/DL	102
ADLED2/WV/CCT/DD1/M3	303	AECLED/SC/CCT/MWS/M3	298	AERGO/GIM/WW	102
ADLED2/WV/CCT/DD1/MWS	303	AECLED/SC/CCT/OCTO	298	AERGO/WW	102
ADLED2/WV/CCT/DD1/MWS/M3	303	AECLED/SC/CCT/OCTO/DM3	298	AERMLD/SK	468
ADLED2/WV/CCT/DD3	303	AECLED/SC/CCT/OCTO/M3	298	AERMLD2/120/CW	473
ADLED2/WV/CCT/DD3/MWS	303	AECLED/W/CCT	298	AERMLD2/120/CW/DD1	473
ADLED2/WV/CCT/DD3/MWS/M3	303	AECLED/W/CCT/CF	298	AERMLD2/120/CW/DD2	473
ADLED2/WV/CCT/M3	303	AECLED/W/CCT/CF/DM3	298	AERMLD2/120/CW/DD3	473
ADLED2/WV/CCT/M3/PC	303	AECLED/W/CCT/CF/M3	298	AERMLD2/120/CW/DD4	473
ADLED2/WV/CCT/MWS	303	AECLED/W/CCT/DD1	298	AERMLD2/120/CW/OCTO	473
ADLED2/WV/CCT/MWS/M3	303	AECLED/W/CCT/DD1/DM3	298	AERMLD2/120/DL	473
ADLED2/WV/CCT/MWS/M3/PC	303	AECLED/W/CCT/DD1/M3	298	AERMLD2/120/DL/DD1	473
ADLED2/WV/CCT/MWS/PC	303	AECLED/W/CCT/DD1/MWS/DM3	298	AERMLD2/120/DL/DD2	473
ADLED2/WV/CCT/PC	303	AECLED/W/CCT/DD2	298	AERMLD2/120/DL/DD3	473
ADM1/1	257	AECLED/W/CCT/DD2/DM3	298	AERMLD2/120/DL/DD4	473
ADM2/1	257	AECLED/W/CCT/DD2/M3	298	AERMLD2/120/DL/OCTO	473
ADM50GU10	268	AECLED/W/CCT/DD3	298	AERMLD2/120/WW	473
ADM50GU10/SG	268	AECLED/W/CCT/DD3/DM3	298	AERMLD2/120/WW/DD1	473
ADOLEDWL	259	AECLED/W/CCT/DD3/M3	298	AERMLD2/120/WW/DD2	473
ADOLEDWL/HP	260	AECLED/W/CCT/DD4	298	AERMLD2/120/WW/DD3	473
ADOSWL/HP	272	AECLED/W/CCT/DD4/DM3	298	AERMLD2/120/WW/DD4	473
ADOSWL/HP/WW	272	AECLED/W/CCT/DD4/M3	298	AERMLD2/120/WW/OCTO	473
ADU50	276	AECLED/W/CCT/DM3	298	AERMLD2/30/CW	474
ADULEDB/080	339	AECLED/W/CCT/M3	298	AERMLD2/30/CW/DD1	474
ADVSS	237	AECLED/W/CCT/MWS	298	AERMLD2/30/CW/DD2	474
AE3LED/3M/SI	522	AECLED/W/CCT/MWS/DM3	298	AERMLD2/30/CW/DD3	474



PRODUCT CODE	PAGE	PRODUCT CODE	PAGE	PRODUCT CODE	PAGE
AERMLE2/30/CW/DD4	474	AERMLE3/HO/60/WW/DD4	468	AGALIA/MINI/RUST	284
AERMLE2/30/CW/OCTO	474	AERMLE3/HO/60/WW/OCTO	468	AGAMLED/CCT	302
AERMLE2/30/DL	474	AFALD/3NM/ST/1P65	538	AGAMLED/CCT/M3	302
AERMLE2/30/DL/DD1	474	AFALD/3NM/ST/1P65/B	538	AGAMLED/CCT/MWS	302
AERMLE2/30/DL/DD2	474	AFIX/3P/1	550	AGAMLED/CCT/MWS/M3	302
AERMLE2/30/DL/DD3	474	AFIX/4P/1	550	AGAMLED/DBZ/CH	302
AERMLE2/30/DL/DD4	474	AFIXIP/1/JB/L/3/5C	551	AGAR/GU10	358
AERMLE2/30/DL/OCTO	474	AFIXIP/1/JB/M/3/3C	551	AGARLED/RGBTW/OCTOW	58
AERMLE2/30/WW	474	AFIXIP/1/JB/S/2/3C	551	AGARLED/TW/OCTOW	58
AERMLE2/30/WW/DD1	474	AFIXIP/1/SC/3C	551	AGCP1/1/CW	104
AERMLE2/30/WW/DD2	474	AFIXIP/1/SC/5C	551	AGCP1/1/CW/DD1	104
AERMLE2/30/WW/DD3	474	AFIXIP/1/TJ/3C	551	AGCP1/1/CW/DD3	104
AERMLE2/30/WW/DD4	474	AFIXIP/1/TJ/5C	551	AGCP1/1/CW/DD4	104
AERMLE2/30/WW/OCTO	474	AFLED2	413	AGCP1/1/CW/OCTO	104
AERMLE3/1/20/CW	470	AFLED2/DD3/MWS/M3	413	AGCP1/1/WW	104
AERMLE3/1/20/CW/DD1	470	AFLED2/DD4/MWS/M3	413	AGCP1/1/WW/DD1	104
AERMLE3/1/20/CW/DD2	470	AFLED2/M3	413	AGCP1/1/WW/DD3	104
AERMLE3/1/20/CW/DD3	470	AFLED2/MWS	413	AGCP1/1/WW/DD4	104
AERMLE3/1/20/CW/DD4	470	AFLED2/MWS/M3	413	AGCP1/1/WW/OCTO	104
AERMLE3/1/20/CW/OCTO	470	AFLED2/OCTO	413	AGCP2/1/CW	104
AERMLE3/1/20/DL	470	AFLED2/OCTO/M3	413	AGCP2/1/CW/DD1	104
AERMLE3/1/20/DL/DD1	470	AFLED4	413	AGCP2/1/CW/DD3	104
AERMLE3/1/20/DL/DD2	470	AFLED4/DD1	413	AGCP2/1/CW/DD4	104
AERMLE3/1/20/DL/DD3	470	AFLED4/DD1/M3	413	AGCP2/1/CW/OCTO	104
AERMLE3/1/20/DL/DD4	470	AFLED4/DD3/M3	413	AGCP2/1/WW	104
AERMLE3/1/20/DL/OCTO	470	AFLED4/DD4	413	AGCP2/1/WW/DD1	104
AERMLE3/1/20/WW	470	AFLED4/DD4/M3	413	AGCP2/1/WW/DD3	104
AERMLE3/1/20/WW/DD1	470	AFLED4/M3	413	AGCP2/1/WW/DD4	104
AERMLE3/1/20/WW/DD2	470	AFLED4/MWS	413	AGCP2/1/WW/OCTO	104
AERMLE3/1/20/WW/DD3	470	AFLED4/MWS/M3	413	AGCP3/1/CW	104
AERMLE3/1/20/WW/DD4	470	AFLED4/OCTO	413	AGCP3/1/CW/DD1	104
AERMLE3/1/20/WW/OCTO	470	AFLED4/OCTO/M3	413	AGCP3/1/CW/DD3	104
AERMLE3/60/CW	468	AFLP/1/B/3NM/DA	536	AGCP3/1/CW/DD4	104
AERMLE3/60/CW/DD1	468	AFLP/1/W/3NM/DA	536	AGCP3/1/CW/OCTO	104
AERMLE3/60/CW/DD2	468	AFRE/1	126	AGCP3/1/WW	104
AERMLE3/60/CW/DD3	468	AFRE/2	126	AGCP3/1/WW/DD1	104
AERMLE3/60/CW/DD4	468	AFRE/3	126	AGCP3/1/WW/DD3	104
AERMLE3/60/CW/OCTO	468	AFRWOLED/185	353	AGCP3/1/WW/DD4	104
AERMLE3/60/DL	468	AFRWOLED/185/CW	353	AGCP3/1/WW/OCTO	104
AERMLE3/60/DL/DD1	468	AFRWOLED/220	354	AGELED4	447
AERMLE3/60/DL/DD2	468	AFRWOLED/220/CW	354	AGELED4/DD1	447
AERMLE3/60/DL/DD3	468	AFRWOLED/270	355	AGELED4/DD1/DM3	447
AERMLE3/60/DL/DD4	468	AFRWOLED/270/CW	355	AGELED4/DD1/M3	447
AERMLE3/60/DL/OCTO	468	AFUR/1/GR	132	AGELED4/DD1/SM3	447
AERMLE3/60/LO/CW	468	AFUR/1/W	132	AGELED4/DD3	447
AERMLE3/60/LO/CW/DD1	468	AFW/1/B/3NM/DA	539	AGELED4/DD3/DM3	447
AERMLE3/60/LO/CW/DD3	468	AFW/1/B/3NM/ST	539	AGELED4/DD3/M3	447
AERMLE3/60/LO/CW/OCTO	468	AFW/1/W/3NM/DA	539	AGELED4/DD3/SM3	447
AERMLE3/60/LO/DL	468	AFW/1/W/3NM/ST	539	AGELED4/DD4	447
AERMLE3/60/LO/DL/DD1	468	AG8/L/AD	519	AGELED4/DD4/DM3	447
AERMLE3/60/LO/DL/DD3	468	AG8/L/LAL	519	AGELED4/DD4/M3	447
AERMLE3/60/LO/DL/OCTO	468	AG8/L/AR	519	AGELED4/DD4/SM3	447
AERMLE3/60/LO/WW	468	AG8/L/AU	519	AGELED4/DM3	447
AERMLE3/60/LO/WW/DD1	468	AGALED	116	AGELED4/M3	447
AERMLE3/60/LO/WW/DD3	468	AGALED/DD1	116	AGELED4/OCTO	447
AERMLE3/60/LO/WW/OCTO	468	AGALED/DD1/DM3	116	AGELED4/OCTO/M3	447
AERMLE3/60/WW	468	AGALED/DD1/M3	116	AGELED4/OCTO/SM3	447
AERMLE3/60/WW/DD1	468	AGALED/DD1/SM3	116	AGELED5/SM3	447
AERMLE3/60/WW/DD2	468	AGALED/DD3	116	AGELED5	447
AERMLE3/60/WW/DD3	468	AGALED/DD3/DM3	116	AGELED5/DD1	447
AERMLE3/60/WW/DD4	468	AGALED/DD3/M3	116	AGELED5/DD1/DM3	447
AERMLE3/60/WW/OCTO	468	AGALED/DD3/SM3	116	AGELED5/DD1/M3	447
AERMLE3/HO/60/CW	468	AGALED/DD4	116	AGELED5/DD1/SM3	447
AERMLE3/HO/60/CW/DD1	468	AGALED/DD4/DM3	116	AGELED5/DD3	447
AERMLE3/HO/60/CW/DD2	468	AGALED/DD4/M3	116	AGELED5/DD3/DM3	447
AERMLE3/HO/60/CW/DD3	468	AGALED/DD4/SM3	116	AGELED5/DD3/M3	447
AERMLE3/HO/60/CW/DD4	468	AGALED/DM3	116	AGELED5/DD3/SM3	447
AERMLE3/HO/60/CW/OCTO	468	AGALED/M3	116	AGELED5/DD4	447
AERMLE3/HO/60/DL	468	AGALED/OCTO	116	AGELED5/DD4/DM3	447
AERMLE3/HO/60/DL/DD1	468	AGALED/OCTO/DM3	116	AGELED5/DD4/M3	447
AERMLE3/HO/60/DL/DD2	468	AGALED/OCTO/M3	116	AGELED5/DD4/SM3	447
AERMLE3/HO/60/DL/DD3	468	AGALED/OCTO/SM3	116	AGELED5/DM3	447
AERMLE3/HO/60/DL/DD4	468	AGALED/SM3	116	AGELED5/M3	447
AERMLE3/HO/60/DL/OCTO	468	AGALIA/MAXI	284	AGELED5/OCTO	447
AERMLE3/HO/60/WW	468	AGALIA/MAXI/CONC	284	AGELED5/OCTO/M3	447
AERMLE3/HO/60/WW/DD1	468	AGALIA/MAXI/RUST	284	AGELED5/SM3	447
AERMLE3/HO/60/WW/DD2	468	AGALIA/MINI	284	AGLED/3M	508
AERMLE3/HO/60/WW/DD3	468	AGALIA/MINI/CONC	284	AGLED/KIT	508



PRODUCT CODE	PAGE	PRODUCT CODE	PAGE	PRODUCT CODE	PAGE
AGPL/DG1/W	116	ALOELED/HL/PIR	286	ALUCLED/G/DM3	312
AGPL/DG3/W	116	ALOELED/WL	287	ALUCLED/G/DM3/PC	312
AHARLED/3M/ST	525	ALOELED/WL/PIR	287	ALUCLED/G/M3	312
AHARLED/ALAR	525	ALHL/BL	289	ALUCLED/G/M3/PC	312
AHARLED/L/AD	525	ALHL/PC/BL	289	ALUCLED/G/MWS	312
AHARLED/L/AU	525	ALHL/PC/WH	289	ALUCLED/G/MWS/DM3	312
AHELED/CB	315	ALHL/PIR/BL	289	ALUCLED/G/MWS/DM3/PC	312
AHELED/CB/PIR	315	ALHL/PIR/WH	289	ALUCLED/G/MWS/M3	312
AHELED/CW	315	ALHL/WH	289	ALUCLED/G/MWS/M3/PC	312
AHELED/CW/PIR	315	ALHLED/BL	288	ALUCLED/G/MWS/PC	312
AHELED/EB	315	ALHLED/PC/BL	288	ALUCLED/G/MWS/SM3	312
AHELED/EB/PIR	315	ALHLED/PC/WH	288	ALUCLED/G/MWS/SM3/PC	312
AHELED/EW	315	ALHLED/PIR/BL	288	ALUCLED/G/PC	312
AHELED/EW/PIR	315	ALHLED/PIR/WH	288	ALUCLED/G/SM3	312
AHELED/OB	314	ALHLED/WH	288	ALUCLED/G/SM3/PC	312
AHELED/OB/PIR	314	ALIB/100E27	338	ALUN/1	296
AHELED/OW	314	ALODLED/110/CW	128	ALUN/1/BZ/BL	296
AHELED/OW/PIR	314	ALODLED/110/WW	128	ALUN/1/BZ/CH	296
AHHB/1	545	ALODLED/150/CW	128	ALUN/1/BZ/SC	296
AHHB/1/DM3	545	ALODLED/150/WW	128	ALUN/1/BZ/WH	296
AHHB/1/OCTO/DM3	545	ALODLED/200/CW	128	ALUN/1/CF	296
AHOPL4/1	500	ALODLED/200/WW	128	ALUN/1/DD1	296
AHOPL4/1/DD1	500	ALODLED/250/CW	128	ALUN/1/DD3	296
AHOPL4/1/DD1/SM3	500	ALODLED/250/WW	128	ALUN/1/DD4	296
AHOPL4/1/DD3	500	ALODLED/75/CW	128	ALUN/1/DM3	296
AHOPL4/1/DD3/SM3	500	ALODLED/75/WW	128	ALUN/1/MWS	296
AHOPL4/1/DD4	500	ALODLED/95/CW	128	ALUN/1/MWS/SM3	296
AHOPL4/1/DD4/SM3	500	ALODLED/95/WW	128	ALUN/1/OCTO	296
AHOPL4/1/SM3	500	ALOTLED	490	ALUN/1/SM3	296
AHPT/1	394	ALOTLED/DD1	490	ALWL/BL	291
AHPT/1/60SBA	394	ALOTLED/DD1/DM3	490	ALWL/CBB	291
AHPT/1/DD3	394	ALOTLED/DD1/M3	490	ALWL/CBW	291
AHUEMKIT/LI	546	ALOTLED/DD1/SM3	490	ALWL/PIR/BL	291
AIRMLED/POD/3NM/ST	478	ALOTLED/DD2	490	ALWL/PIR/WH	291
AIRMLED/POD/MWS	479	ALOTLED/DD2/DM3	490	ALWL/WH	291
AJUN/1	485	ALOTLED/DD2/M3	490	ALWLED/BL	290
AJUN/1/DD1	485	ALOTLED/DD2/SM3	490	ALWLED/PIR/BL	290
AJUN/1/DD1/DM3	485	ALOTLED/DD3	490	ALWLED/PIR/WH	290
AJUN/1/DD3	485	ALOTLED/DD3/DM3	490	ALWLED/WH	290
AJUN/1/DD3/DM3	485	ALOTLED/DD3/M3	490	ALWP/1	322
AJUN/1/DD4	485	ALOTLED/DD3/SM3	490	ALWP/1/CF	322
AJUN/1/DD4/DM3	485	ALOTLED/DD4	490	ALWP/1/CF/M3	322
AJUN/1/DM3	485	ALOTLED/DD4/DM3	490	ALWP/1/CF/M3/PC	322
AJUN/1/OCTO	485	ALOTLED/DD4/M3	490	ALWP/1/CF/PC	322
AJUN/1/OCTO/DM3	485	ALOTLED/DD4/SM3	490	ALWP/1/DD1	322
AJUN/1/TW/OCTO	485	ALOTLED/DM3	490	ALWP/1/DD1/M3	322
AJUN/1/TW/OCTO/DM3	485	ALOTLED/M3	490	ALWP/1/DD3	322
AKAL1/1	181	ALOTLED/OCTO	490	ALWP/1/DD3/M3	322
AKAL2/1	181	ALOTLED/OCTO/DM3	490	ALWP/1/DD4	322
AKESLED/3M	523	ALOTLED/OCTO/M3	490	ALWP/1/DD4/M3	322
AKLED/B	282	ALOTLED/OCTO/SM3	490	ALWP/1/M3	322
AKLED/B/WW	282	ALOTLED/SM3	490	ALWP/1/M3/PC	322
AKSK1/1	181	ALOTLED	262	ALWP/1/MWS	322
AKSK1/1/DD1	181	ALUCLED/B	312	ALWP/1/MWS/M3	322
AKSK1/1/DD3	181	ALUCLED/B/CF/DM3	312	ALWP/1/MWS/M3/PC	322
AKSK1/1/OCTO	181	ALUCLED/B/CF/DM3/PC	312	ALWP/1/MWS/PC	322
AKSK2/1	181	ALUCLED/B/CF/M3/PC	312	ALWP/1/OCTO	322
AKSK2/1/DD1	181	ALUCLED/B/CF/SM3/PC	312	ALWP/1/OCTO/M3	322
AKSK2/1/DD3	181	ALUCLED/B/DM3	312	ALWP/1/PC	322
AKSK2/1/OCTO	181	ALUCLED/B/DM3/PC	312	AMAD045/1/B	336
AKSR1/1	181	ALUCLED/B/M3	312	AMAD045/1/SS	336
AKSR1/1/DD1	181	ALUCLED/B/M3/PC	312	AMAD075/1/B	336
AKSR1/1/DD3	181	ALUCLED/B/MWS	312	AMAD075/1/SS	336
AKSR1/1/OCTO	181	ALUCLED/B/MWS/DM3	312	AMAD100/1/B	336
AKSR2/1	181	ALUCLED/B/MWS/DM3/PC	312	AMAD100/1/SS	336
AKSR2/1/DD1	181	ALUCLED/B/MWS/M3	312	AMAGLED/1	400
AKSR2/1/DD3	181	ALUCLED/B/MWS/M3/PC	312	AMAGLED/1/PC	400
AKSR2/1/OCTO	181	ALUCLED/B/MWS/PC	312	AMAGLED/1/WW	400
AKTLED/3M/ST	511	ALUCLED/B/MWS/SM3	312	AMAGLED/1/WW/PC	400
ALEGLED/B	540	ALUCLED/B/MWS/SM3/PC	312	AMAGLED/2	400
ALEGLED/W	540	ALUCLED/B/PC	312	AMAGLED/2/PC	400
ALOELED/045/GR/OCTOW	57	ALUCLED/B/SM3	312	AMAGLED/2/WW	400
ALOELED/075/GR/OCTOW	57	ALUCLED/B/SM3/PC	312	AMAGLED/2/WW/PC	400
ALOELED/100/GR/OCTOW	57	ALUCLED/G	312	AMAGLED/3	400
ALOELED/CCT/045/GR	335	ALUCLED/G/CF/DM3	312	AMAGLED/3/PC	400
ALOELED/CCT/075/GR	335	ALUCLED/G/CF/DM3/PC	312	AMAGLED/3/WW	400
ALOELED/CCT/100/GR	335	ALUCLED/G/CF/M3/PC	312	AMAGLED/3/WW/PC	400
ALOELED/HL	286	ALUCLED/G/CF/SM3/PC	312	AMAGLED/60SBA	400

PRODUCT CODE	PAGE	PRODUCT CODE	PAGE	PRODUCT CODE	PAGE
AMALL1/1	233	AMER2/1/S/OCTO	294	ANAPLED/G/MWS	313
AMALL1000/1	233	AMER2/1/S/OCTO/DM3	294	ANAPLED/G/MWS/DM3	313
AMALL2/1	233	AMER2/1/S/OCTO/SM3	294	ANAPLED/G/MWS/DM3/PC	313
AMALL250/1	233	AMER2/1/S/SM3	294	ANAPLED/G/MWS/M3	313
AMALL3/1	233	AMER2/1/W	294	ANAPLED/G/MWS/M3/PC	313
AMALL4/1	233	AMER2/1/W/CF	294	ANAPLED/G/MWS/PC	313
AMALL500/1	233	AMER2/1/W/CF/DM3	294	ANAPLED/G/MWS/SM3	313
AMATB/EYE	364	AMER2/1/W/CF/SM3	294	ANAPLED/G/MWS/SM3/PC	313
AMATB/EYE/BC	364	AMER2/1/W/DD1	294	ANAPLED/G/PC	313
AMATB/SMB	364	AMER2/1/W/DD1/DM3	294	ANAPLED/G/SM3	313
AMATBLED	364	AMER2/1/W/DD1/SM3	294	ANAPLED/G/SM3/PC	313
AMATBLED/BC	364	AMER2/1/W/DD3	294	ANOU4/2	426
AMATBLED/OCTOW/RGBTW	59	AMER2/1/W/DD3/DM3	294	ANOU4/2/MWS	426
AMATBLED/SWB	364	AMER2/1/W/DD3/SM3	294	ANOU4/2/MWS/SM3	426
AMATROLED	281	AMER2/1/W/DD4	294	ANOU4/2/SM3	426
AMELED/ER/3NM/ST	532	AMER2/1/W/DD4/DM3	294	ANOU5/2	426
AMELED/ER/3NM/ST/B	532	AMER2/1/W/DD4/SM3	294	ANOU5/2/MWS	426
AMELED/OA/3NM/ST	532	AMER2/1/W/DM3	294	ANOU5/2/MWS/SM3	426
AMELED/OA/3NM/ST/B	532	AMER2/1/W/MWS	294	ANOU5/2/SM3	426
AMER1/1/S	294	AMER2/1/W/MWS/DM3	294	ANOU6/2	426
AMER1/1/S/CF	294	AMER2/1/W/MWS/SM3	294	ANOU6/2/MWS	426
AMER1/1/S/CF/DM3	294	AMER2/1/W/OCTO	294	ANOU6/2/MWS/SM3	426
AMER1/1/S/CF/SM3	294	AMER2/1/W/OCTO/DM3	294	ANOU6/2/SM3	426
AMER1/1/S/DD1	294	AMER2/1/W/OCTO/SM3	294	AOCTO/BT/PIR/IP65-S	83
AMER1/1/S/DD1/DM3	294	AMER2/1/W/SM3	294	AOCTO/BT/PIR/IP66/HBSP	84
AMER1/1/S/DD1/SM3	294	AMFLSA	384	AOCTO/BT/PIR/IP66/HBWD	85
AMER1/1/S/DD3	294	AMFLWB	391	AOCTO/BT/PIR-R	82
AMER1/1/S/DD3/DM3	294	AMGAMLED/CCT	302	AOCTO/BT/PIR-S	82
AMER1/1/S/DD3/SM3	294	AMGAMLED/CCT/M3	302	AOCTO/BT/WS	77
AMER1/1/S/DD4	294	AMGAMLED/CCT/MWS	302	AOCTO/BT/WS/IP65	79
AMER1/1/S/DD4/DM3	294	AMGAMLED/CCT/MWS/M3	302	AOCTO/GATEWAY	69
AMER1/1/S/DD4/SM3	294	AMGAMLED/CH	302	AOCTO/IC/200	75
AMER1/1/S/DM3	294	AMILLED/SK	437	AOCTO/IC/50	70
AMER1/1/S/MWS	294	AMILLED4	437	AOCTO/OC/IP65/200	75
AMER1/1/S/MWS/DM3	294	AMILLED5	437	AOCTO/RGBW/BTC	72
AMER1/1/S/MWS/SM3	294	AMISACU/BL/CW	253	AOCTO/SR	80
AMER1/1/S/OCTO	294	AMISACU/BL/WW	253	AOCTO/WS/B	76
AMER1/1/S/OCTO/DM3	294	AMISACU/GR/CW	253	AOCTO/WS/M	76
AMER1/1/S/OCTO/SM3	294	AMISACU/GR/WW	253	AOCTO/WS/W	76
AMER1/1/S/SM3	294	AMISASQ/GR/CW	253	AOCTO/XP/C/B	78
AMER1/1/W	294	AMISASQ/GR/WW	253	AOCTO/XP/C/W	78
AMER1/1/W/CF	294	AMLWPLED/CCT	323	AOCTO/XP/WS/B	78
AMER1/1/W/CF/DM3	294	AMLWPLED/CCT/MWS	323	AOCTO/XP/WS/W	78
AMER1/1/W/CF/SM3	294	AMLWPLED/CCT/MWS/PC	323	AOCTOW/1-10V/DIM	62
AMER1/1/W/DD1	294	AMLWPLED/CCT/PC	323	AOCTOW/12-24V/DIM	62
AMER1/1/W/DD1/DM3	294	AMUR045/1/B	337	AOCTOW/12-24V/RGBTW	62
AMER1/1/W/DD1/SM3	294	AMUR075/1/B	337	AOCTOW/12-24V/TW	62
AMER1/1/W/DD3	294	AMUR100/1/B	337	AOCTOW/220-240V/DIM	62
AMER1/1/W/DD3/DM3	294	ANAPLED/B	313	AOCTOW/A60/TW/AMB/B22	36
AMER1/1/W/DD3/SM3	294	ANAPLED/B/CF/DM3	313	AOCTOW/A60/TW/AMB/E27	36
AMER1/1/W/DD4	294	ANAPLED/B/CF/DM3/PC	313	AOCTOW/A60/TW/CL/B22	35
AMER1/1/W/DD4/DM3	294	ANAPLED/B/CF/M3/PC	313	AOCTOW/A60/TW/CL/E27	35
AMER1/1/W/DD4/SM3	294	ANAPLED/B/CF/SM3/PC	313	AOCTOW/A60/TW/FR/E27	35
AMER1/1/W/DM3	294	ANAPLED/B/DM3	313	AOCTOW/A60LED/RGBTW/B22	32
AMER1/1/W/MWS	294	ANAPLED/B/DM3/PC	313	AOCTOW/A60LED/RGBTW/E27	32
AMER1/1/W/MWS/DM3	294	ANAPLED/B/M3	313	AOCTOW/A60LED/TW/B22	31
AMER1/1/W/MWS/SM3	294	ANAPLED/B/M3/PC	313	AOCTOW/A60LED/TW/E27	31
AMER1/1/W/OCTO	294	ANAPLED/B/MWS	313	AOCTOW/B/PIR/IP65-S	61
AMER1/1/W/OCTO/DM3	294	ANAPLED/B/MWS/DM3	313	AOCTOW/C37/TW/AMB/E14	34
AMER1/1/W/OCTO/SM3	294	ANAPLED/B/MWS/DM3/PC	313	AOCTOW/C37/TW/AMB/E14	39
AMER1/1/W/SM3	294	ANAPLED/B/MWS/M3	313	AOCTOW/C37/TW/CL/E14	39
AMER2/1/S	294	ANAPLED/B/MWS/M3/PC	313	AOCTOW/C37/WW/E14	39
AMER2/1/S/CF	294	ANAPLED/B/MWS/PC	313	AOCTOW/CP/IP20	39
AMER2/1/S/CF/DM3	294	ANAPLED/B/MWS/SM3	313	AOCTOW/G95/TW/AMB/E27	38
AMER2/1/S/CF/SM3	294	ANAPLED/B/MWS/SM3/PC	313	AOCTOW/G95/TW/CL/E27	38
AMER2/1/S/DD1	294	ANAPLED/B/PC	313	AOCTOW/G95LED/RGBTW/B22	33
AMER2/1/S/DD1/DM3	294	ANAPLED/B/SM3	313	AOCTOW/G95LED/RGBTW/E27	33
AMER2/1/S/DD1/SM3	294	ANAPLED/B/SM3/PC	313	AOCTOW/GU10LED/TW	30
AMER2/1/S/DD3	294	ANAPLED/G	313	AOCTOW/PIR-S	60
AMER2/1/S/DD3/DM3	294	ANAPLED/G/CF/DM3	313	AOCTOW/RC	64
AMER2/1/S/DD3/SM3	294	ANAPLED/G/CF/DM3/PC	313	AOCTOW/SP	63
AMER2/1/S/DD4	294	ANAPLED/G/CF/M3/PC	313	AOCTOW/ST64/TW/AMB/E27	37
AMER2/1/S/DD4/DM3	294	ANAPLED/G/CF/SM3	313	AOCTOW/ST64/TW/CL/E27	37
AMER2/1/S/DD4/SM3	294	ANAPLED/G/CF/SM3/PC	313	AOLLBLED/1	414
AMER2/1/S/DM3	294	ANAPLED/G/DM3	313	AOLLBLED/1/M3	414
AMER2/1/S/MWS	294	ANAPLED/G/DM3/PC	313	AOLLBLED/1/MWS	414
AMER2/1/S/MWS/DM3	294	ANAPLED/G/M3	313	AOLLBLED/1/MWS/M3	414
AMER2/1/S/MWS/SM3	294	ANAPLED/G/M3/PC	313	AOLLBLED/2	414

PRODUCT CODE	PAGE	PRODUCT CODE	PAGE	PRODUCT CODE	PAGE
AOLLBLED/2/M3	414	AOTEVLED5/DD4/M3	433	AOXL6/1/DD1/SM3	453
AOLLBLED/2/MWS	414	AOTEVLED5/DM3	433	AOXL6/1/DD3	453
AOLLBLED/2/MWS/M3	414	AOTEVLED5/M3	433	AOXL6/1/DD3/DM3	453
AOLLBLED/3	414	AOTEVLED5/MWS	433	AOXL6/1/DD3/SM3	453
AOLLBLED/3/M3	414	AOTEVLED5/MWS/M3	433	AOXL6/1/DD4	453
AOLLBLED/3/MWS	414	AOTEVLED5/OCTO	433	AOXL6/1/DD4/DM3	453
AOLLBLED/3/MWS/M3	414	AOTEVLED5/OCTO/DM3	433	AOXL6/1/DD4/SM3	453
AOLLBLED/SK	414	AOTEVLED5/OCTO/M3	433	AOXL6/1/DM3	453
AONIXLED/1	399	AOTEVLED5/W	433	AOXL6/1/MWS	453
AONIXLED/1/PC	399	AOTEVLED5/W/CF	433	AOXL6/1/MWS/DM3	453
AONIXLED/2	399	AOTEVLED5/W/CF/DM3	433	AOXL6/1/MWS/SM3	453
AONIXLED/2/PC	399	AOTEVLED5/W/CF/M3	433	AOXL6/1/OCTO	453
AONIXLED/3	399	AOTEVLED5/W/DD1	433	AOXL6/1/OCTO/DM3	453
AONIXLED/3/PC	399	AOTEVLED5/W/DD1/DM3	433	AOXL6/1/OCTO/SM3	453
AONIXLED/4	399	AOTEVLED5/W/DD1/M3	433	AOXL6/1/SM3	453
AONIXLED/4/PC	399	AOTEVLED5/W/DD3	433	APAC/60/1/RGBW/OCTO	463
AONIXLED/SBA	399	AOTEVLED5/W/DD3/DM3	433	APAC1/60/1	460
AONIXLED/WB	399	AOTEVLED5/W/DD3/M3	433	APAC1/60/1/DM3	460
AOSLED/3M/CS	513	AOTEVLED5/W/DD4	433	APAC1/60/1/OCTO	460
AOSLED/3M/ST	512	AOTEVLED5/W/DD4/DM3	433	APAC1/60/1/OCTO/DM3	460
AOTEVLED/90	433	AOTEVLED5/W/DD4/M3	433	APAC1/60/1/TW/OCTO	462
AOTEVLED/90/W	433	AOTEVLED5/W/DM3	433	APACLED/SK	460
AOTEVLED/SK	433	AOTEVLED5/W/M3	433	APACLED1/120/CW	464
AOTEVLED1000	433	AOTEVLED5/W/MWS	433	APACLED1/120/CW/DD1	464
AOTEVLED1000/W	433	AOTEVLED5/W/MWS/M3	433	APACLED1/120/CW/DD1/DM3	464
AOTEVLED1500	433	AOTEVLED5/W/OCTO	433	APACLED1/120/CW/DD3	464
AOTEVLED1500/W	433	AOTEVLED5/W/OCTO/DM3	433	APACLED1/120/CW/DD3/DM3	464
AOTEVLED2X5	433	AOTEVLED5/W/OCTO/M3	433	APACLED1/120/CW/DD4	464
AOTEVLED2X5/CF	433	AOTEVLED500	433	APACLED1/120/CW/DD4/DM3	464
AOTEVLED2X5/CF/DM3	433	AOTEVLED500/W	433	APACLED1/120/CW/DM3	464
AOTEVLED2X5/CF/M3	433	AOXL4/1	453	APACLED1/120/CW/OCTO	464
AOTEVLED2X5/DD1	433	AOXL4/1/CF	453	APACLED1/120/CW/OCTO/DM3	464
AOTEVLED2X5/DD1/DM3	433	AOXL4/1/CF/DM3	453	APACLED1/120/DL	464
AOTEVLED2X5/DD1/M3	433	AOXL4/1/CF/SM3	453	APACLED1/120/DL/DD1	464
AOTEVLED2X5/DD3	433	AOXL4/1/DD1	453	APACLED1/120/DL/DD1/DM3	464
AOTEVLED2X5/DD3/DM3	433	AOXL4/1/DD1/DM3	453	APACLED1/120/DL/DD3	464
AOTEVLED2X5/DD3/M3	433	AOXL4/1/DD1/SM3	453	APACLED1/120/DL/DD3/DM3	464
AOTEVLED2X5/DD4	433	AOXL4/1/DD3	453	APACLED1/120/DL/DD4	464
AOTEVLED2X5/DD4/DM3	433	AOXL4/1/DD3/DM3	453	APACLED1/120/DL/DD4/DM3	464
AOTEVLED2X5/DD4/M3	433	AOXL4/1/DD3/SM3	453	APACLED1/120/DL/DM3	464
AOTEVLED2X5/DM3	433	AOXL4/1/DD4	453	APACLED1/120/DL/OCTO	464
AOTEVLED2X5/M3	433	AOXL4/1/DD4/DM3	453	APACLED1/120/DL/OCTO/DM3	464
AOTEVLED2X5/MWS	433	AOXL4/1/DD4/SM3	453	APACLED1/120/WW	464
AOTEVLED2X5/MWS/M3	433	AOXL4/1/DM3	453	APACLED1/120/WW/DD1	464
AOTEVLED2X5/OCTO	433	AOXL4/1/MWS	453	APACLED1/120/WW/DD1/DM3	464
AOTEVLED2X5/OCTO/DM3	433	AOXL4/1/MWS/DM3	453	APACLED1/120/WW/DD3	464
AOTEVLED2X5/OCTO/M3	433	AOXL4/1/MWS/SM3	453	APACLED1/120/WW/DD3/DM3	464
AOTEVLED2X5/W	433	AOXL4/1/OCTO	453	APACLED1/120/WW/DD4	464
AOTEVLED2X5/W/CF	433	AOXL4/1/OCTO/DM3	453	APACLED1/120/WW/DD4/DM3	464
AOTEVLED2X5/W/CF/DM3	433	AOXL4/1/OCTO/SM3	453	APACLED1/120/WW/DM3	464
AOTEVLED2X5/W/CF/M3	433	AOXL4/1/SM3	453	APACLED1/120/WW/OCTO	464
AOTEVLED2X5/W/DD1	433	AOXL5/1	453	APACLED1/120/WW/OCTO/DM3	464
AOTEVLED2X5/W/DD1/DM3	433	AOXL5/1/CF	453	APACLED1/30/CW	466
AOTEVLED2X5/W/DD1/M3	433	AOXL5/1/CF/DM3	453	APACLED1/30/CW/DD1	466
AOTEVLED2X5/W/DD3	433	AOXL5/1/CF/SM3	453	APACLED1/30/CW/DD1/DM3	466
AOTEVLED2X5/W/DD3/DM3	433	AOXL5/1/DD1	453	APACLED1/30/CW/DD3	466
AOTEVLED2X5/W/DD3/M3	433	AOXL5/1/DD1/DM3	453	APACLED1/30/CW/DD3/DM3	466
AOTEVLED2X5/W/DD4	433	AOXL5/1/DD1/SM3	453	APACLED1/30/CW/DD4	466
AOTEVLED2X5/W/DD4/DM3	433	AOXL5/1/DD3	453	APACLED1/30/CW/DD4/DM3	466
AOTEVLED2X5/W/DD4/M3	433	AOXL5/1/DD3/DM3	453	APACLED1/30/CW/DM3	466
AOTEVLED2X5/W/DM3	433	AOXL5/1/DD3/SM3	453	APACLED1/30/CW/OCTO	466
AOTEVLED2X5/W/M3	433	AOXL5/1/DD4	453	APACLED1/30/CW/OCTO/DM3	466
AOTEVLED2X5/W/MWS	433	AOXL5/1/DD4/DM3	453	APACLED1/30/DL	466
AOTEVLED2X5/W/MWS/M3	433	AOXL5/1/DD4/SM3	453	APACLED1/30/DL/DD1	466
AOTEVLED2X5/W/OCTO	433	AOXL5/1/DM3	453	APACLED1/30/DL/DD1/DM3	466
AOTEVLED2X5/W/OCTO/DM3	433	AOXL5/1/MWS	453	APACLED1/30/DL/DD3	466
AOTEVLED2X5/W/OCTO/M3	433	AOXL5/1/MWS/DM3	453	APACLED1/30/DL/DD3/DM3	466
AOTEVLED5	433	AOXL5/1/MWS/SM3	453	APACLED1/30/DL/DD4	466
AOTEVLED5/CF	433	AOXL5/1/OCTO	453	APACLED1/30/DL/DD4/DM3	466
AOTEVLED5/CF/DM3	433	AOXL5/1/OCTO/DM3	453	APACLED1/30/DL/DM3	466
AOTEVLED5/CF/M3	433	AOXL5/1/OCTO/SM3	453	APACLED1/30/DL/OCTO	466
AOTEVLED5/DD1	433	AOXL5/1/SM3	453	APACLED1/30/DL/OCTO/DM3	466
AOTEVLED5/DD1/DM3	433	AOXL6/1	453	APACLED1/30/WW	466
AOTEVLED5/DD1/M3	433	AOXL6/1/CF	453	APACLED1/30/WW/DD1	466
AOTEVLED5/DD3	433	AOXL6/1/CF/DM3	453	APACLED1/30/WW/DD1/DM3	466
AOTEVLED5/DD3/M3	433	AOXL6/1/CF/SM3	453	APACLED1/30/WW/DD3	466
AOTEVLED5/DD4	433	AOXL6/1/DD1	453	APACLED1/30/WW/DD3/DM3	466
AOTEVLED5/DD4/DM3	433	AOXL6/1/DD1/DM3	453	APACLED1/30/WW/DD4	466



PRODUCT CODE	PAGE	PRODUCT CODE	PAGE	PRODUCT CODE	PAGE
APACLED1/30/WW/DD4/DM3	466	APRE6/1/DD3	449	APRT/P1/SK/1/B	161
APACLED1/30/WW/DM3	466	APRE6/1/DD3/SM3	449	APRT/P1/TA/1/B	161
APACLED1/30/WW/OCTO	466	APRE6/1/DD4	449	APRT/P1/TA/1/W	161
APACLED1/30/WW/OCTO/DM3	466	APRE6/1/DD4/SM3	449	APRT/P1/TC/L/1/B	161
APACP/60/CW	467	APRE6/1/MWS	449	APRT/P1/TC/L/1/W	161
APACP/60/CW/DD1	467	APRE6/1/MWS/SM3	449	APRT/P1/TC/L/1/B	161
APACP/60/CW/DD1/DM3	467	APRE6/1/OCTO	449	APRT/P1/TC/L/1/W	161
APACP/60/CW/DD3	467	APRE6/1/OCTO/SM3	449	APRT/P1/TC/R/1/B	161
APACP/60/CW/DD3/DM3	467	APRE6/1/SM3	449	APRT/P1/TC/R/1/W	161
APACP/60/CW/DD4	467	APRILEDP/CP/BLK	92	APRT/P1/TC/R/1/B	161
APACP/60/CW/DD4/DM3	467	APRILEDP/CP/CH	92	APRT/P1/TC/R/1/W	161
APACP/60/CW/DM3	467	APRILEDP/CP/MW	92	APRT/P1/XC/1/B	161
APACP/60/CW/OCTO	467	APRILEDP/CP/SC	92	APRT/P1/XC/1/W	161
APACP/60/CW/OCTO/DM3	467	APRILEDP/MINI/CCT	97	APRT/P3/1M/1/B	168
APANLED	324	APRILEDP/MINIBZ/BLK	97	APRT/P3/1M/1/W	168
APANLED/DM3	324	APRILEDP/MINIBZ/CH	97	APRT/P3/2M/1/B	168
APANLED/DM3/PC	324	APRILEDP/MINIBZ/SC	97	APRT/P3/2M/1/W	168
APANLED/M3	324	APRILEDP/TRIM	100	APRT/P3/EC/1/B	169
APANLED/M3/PC	324	APRILEDPBZ/AG/BB	94	APRT/P3/EC/1/W	169
APANLED/MWS	324	APRILEDPBZ/AG/CHB	94	APRT/P3/FC/1/B	169
APANLED/MWS/DM3	324	APRILEDPBZ/AG/SCB	94	APRT/P3/FC/1/W	169
APANLED/MWS/DM3/PC	324	APRILEDPBZ/AG/WW	94	APRT/P3/LC/L/1/B	169
APANLED/MWS/M3	324	APRILEDPBZ/BLK	92	APRT/P3/LC/L/1/W	169
APANLED/MWS/M3/PC	324	APRILEDPBZ/CH	92	APRT/P3/LC/R/1/B	169
APANLED/MWS/SM3	324	APRILEDPBZ/MW	92	APRT/P3/LC/R/1/W	169
APANLED/MWS/SM3/PC	324	APRILEDPBZ/SC	92	APRT/P3/LE/L/1/B	169
APANLED/OCTO	324	APRIP/1	92	APRT/P3/LE/L/1/W	169
APANLED/OCTO/DM3	324	APRIP/1/MP1	92	APRT/P3/LE/R/1/B	169
APANLED/OCTO/M3	324	APRIP/1/OCTOW/RGBTW	42	APRT/P3/LE/R/1/W	169
APANLED/OCTO/SM3	324	APRIP/1/OCTOW/TW	42	APRT/P3/MJ/1/B	169
APANLED/PC	324	APRIPAG/1	94	APRT/P3/MJ/1/W	169
APANLED/SM3	324	APRIPAG/1/OCTOW/RGBTW	44	APRT/P3/SC/1/B	169
APANLED/SM3/PC	324	APRIPAG/1/OCTOW/TW	44	APRT/P3/SC/1/W	169
APCLEDWL	283	APRIPG/1/BLK	96	APRT/P3/SK/1	169
APIILLED/GR	280	APRIPG/1/CH	96	APRT/P3/TA/1/B	169
APIILLED/W	280	APRIPG/1/SC	96	APRT/P3/TA/1/W	169
APIWCLED/GR	136	APRIPG/1/WH	96	APRT/P3/TC/L/1/B	169
APIWCLED/W	136	APRIPMINIAG/1	98	APRT/P3/TC/L/1/W	169
APLEDDVRL	236	APRIPMINIAG/BZ/BB	98	APRT/P3/TC/L/1/B	169
APOD/1/3NM/DA	478	APRIPMINIAG/BZ/CHB	98	APRT/P3/TC/L/1/W	169
APOU1/1	264	APRIPMINIAG/BZ/SCB	98	APRT/P3/TC/R/1/B	169
APOU2/1	264	APRIPMINIAG/BZ/WW	98	APRT/P3/TC/R/1/W	169
APRE4/1	449	APRK/120	464	APRT/P3/TC/R/1/B	169
APRE4/1/CF	449	APRK/30	466	APRT/P3/TC/R/1/W	169
APRE4/1/CF/DM3	449	APRK/60	460	APRT/P3/XC/1/B	169
APRE4/1/CF/SM3	449	APRL1/P3/1/CW/B/DD3	176	APRT/P3/XC/1/W	169
APRE4/1/DD1	449	APRL1/P3/1/CW/W/DD3	176	APRT1/24/1	162
APRE4/1/DD1/SM3	449	APRL1/P3/1/WW/B/DD3	176	APRT1/36/1	162
APRE4/1/DD3	449	APRL1/P3/1/WW/W/DD3	176	APRT1/GR/1	162
APRE4/1/DD3/SM3	449	APRL2/P3/1/CW/B/DD3	176	APRT1/P1/1/CW/B	162
APRE4/1/DD4	449	APRL2/P3/1/CW/W/DD3	176	APRT1/P1/1/CW/W	162
APRE4/1/DD4/SM3	449	APRL2/P3/1/WW/B/DD3	176	APRT1/P1/1/WW/B	162
APRE4/1/MWS	449	APRL2/P3/1/WW/W/DD3	176	APRT1/P1/1/WW/W	162
APRE4/1/MWS/SM3	449	APRT/MP/1/B	161	APRT1/P3/1/CW/B	170
APRE4/1/OCTO	449	APRT/MP/1/W	161	APRT1/P3/1/CW/B/DD3	170
APRE4/1/OCTO/SM3	449	APRT/P1/1M/1/B	160	APRT1/P3/1/CW/W	170
APRE4/1/SM3	449	APRT/P1/1M/1/W	160	APRT1/P3/1/CW/W/DD3	170
APRE5/1	449	APRT/P1/2M/1/B	160	APRT1/P3/1/WW/B	170
APRE5/1/CF	449	APRT/P1/2M/1/W	160	APRT1/P3/1/WW/B/DD3	170
APRE5/1/CF/DM3	449	APRT/P1/EC/1/B	161	APRT1/P3/1/WW/W	170
APRE5/1/CF/SM3	449	APRT/P1/EC/1/W	161	APRT1/P3/1/WW/W/DD3	170
APRE5/1/DD1	449	APRT/P1/FC/L/1/B	161	APRT2/24/1	164
APRE5/1/DD1/SM3	449	APRT/P1/FC/L/1/W	161	APRT2/36/1	164
APRE5/1/DD3	449	APRT/P1/FC/R/1/B	161	APRT2/GR/2	164
APRE5/1/DD3/SM3	449	APRT/P1/FC/R/1/W	161	APRT2/P1/1/CW/B	164
APRE5/1/DD4	449	APRT/P1/LC/L/1/B	161	APRT2/P1/1/CW/W	164
APRE5/1/DD4/SM3	449	APRT/P1/LC/L/1/W	161	APRT2/P1/1/WW/B	164
APRE5/1/MWS	449	APRT/P1/LC/R/1/B	161	APRT2/P1/1/WW/W	164
APRE5/1/MWS/SM3	449	APRT/P1/LC/R/1/W	161	APRT2/P3/1/CW/B	172
APRE5/1/OCTO	449	APRT/P1/LE/L/1/B	161	APRT2/P3/1/CW/B/DD3	172
APRE5/1/OCTO/SM3	449	APRT/P1/LE/L/1/W	161	APRT2/P3/1/CW/W	172
APRE5/1/SM3	449	APRT/P1/LE/R/1/B	161	APRT2/P3/1/CW/W/DD3	172
APRE6/1	449	APRT/P1/LE/R/1/W	161	APRT2/P3/1/WW/B	172
APRE6/1/CF	449	APRT/P1/MJ/1/B	161	APRT2/P3/1/WW/B/DD3	172
APRE6/1/CF/DM3	449	APRT/P1/MJ/1/W	161	APRT2/P3/1/WW/W	172
APRE6/1/CF/SM3	449	APRT/P1/SC/1/B	161	APRT2/P3/1/WW/W/DD3	172
APRE6/1/DD1	449	APRT/P1/SC/1/W	161	APRT3/24/1	166
APRE6/1/DD1/SM3	449	APRT/P1/SK/1	161	APRT3/36/1	166

PRODUCT CODE	PAGE	PRODUCT CODE	PAGE	PRODUCT CODE	PAGE
APRT3/GR/1	166	ASPELED/60/CCT/DD1/M3	492	ATLEVO4/DD4/SM3	424
APRT3/P1/1/CW/B	166	ASPELED/60/CCT/DD1/SM3	492	ATLEVO4/DM3	424
APRT3/P1/1/CW/W	166	ASPELED/60/CCT/DD2	492	ATLEVO4/MWS	424
APRT3/P1/1/WW/B	166	ASPELED/60/CCT/DD2/DM3	492	ATLEVO4/MWS/DM3	424
APRT3/P1/1/WW/W	166	ASPELED/60/CCT/DD2/M3	492	ATLEVO4/MWS/SM3	424
APRT3/P3/1/CW/B	174	ASPELED/60/CCT/DD2/SM3	492	ATLEVO4/OCTO	424
APRT3/P3/1/CW/B/DD3	174	ASPELED/60/CCT/DD3	492	ATLEVO4/OCTO/DM3	424
APRT3/P3/1/CW/W	174	ASPELED/60/CCT/DD3/DM3	492	ATLEVO4/OCTO/SM3	424
APRT3/P3/1/CW/W/DD3	174	ASPELED/60/CCT/DD3/M3	492	ATLEVO4/SM3	424
APRT3/P3/1/WW/B	174	ASPELED/60/CCT/DD3/SM3	492	ATLEVO5	424
APRT3/P3/1/WW/B/DD3	174	ASPELED/60/CCT/DD4	492	ATLEVO5/CF	424
APRT3/P3/1/WW/W	174	ASPELED/60/CCT/DD4/DM3	492	ATLEVO5/CF/DM3	424
APRT3/P3/1/WW/W/DD3	174	ASPELED/60/CCT/DD4/M3	492	ATLEVO5/CF/SM3	424
APRTGU1Q/P1/1/B	167	ASPELED/60/CCT/DD4/SM3	492	ATLEVO5/DD1	424
APRTGU1Q/P1/1/W	167	ASPELED/60/CCT/DM3	492	ATLEVO5/DD1/DM3	424
APYLED/KIT/CW	208	ASPELED/60/CCT/M3	492	ATLEVO5/DD1/SM3	424
APYLED/KIT/WW	208	ASPELED/60/CCT/OCTO	492	ATLEVO5/DD3	424
ARALED/ER/3NM/ST	535	ASPELED/60/CCT/OCTO/DM3	492	ATLEVO5/DD3/DM3	424
ARALED/OA/3NM/ST	535	ASPELED/60/CCT/OCTO/M3	492	ATLEVO5/DD3/SM3	424
ARAP/1/B	527	ASPELED/60/CCT/OCTO/SM3	492	ATLEVO5/DD4	424
ARAP/1/B/DA	527	ASPELED/60/CCT/SM3	492	ATLEVO5/DD4/DM3	424
ARAP/1/W	527	ASPPLED/ASY/CW	278	ATLEVO5/DD4/SM3	424
ARAP/1/W/DA	527	ASPPLED/ASY/WW	278	ATLEVO5/DM3	424
ARAP/HO/1/B	527	ASPPLED/SYM/CW	279	ATLEVO5/MWS	424
ARAP/HO/1/W	527	ASPPLED/SYM/WW	279	ATLEVO5/MWS/DM3	424
ARAZLED/LI/3M/DA	524	ASPPLED/LI/3M/DA	530	ATLEVO5/MWS/SM3	424
ARAZLED/LI/3M/DA/B	524	ASR2LED/B/CCT	316	ATLEVO5/OCTO	424
AREELED	135	ASR2LED/W/CCT	316	ATLEVO5/OCTO/DM3	424
AREELED/BL	135	ASRF/60/1	481	ATLEVO5/OCTO/SM3	424
AREELED	135	ASULED/1/CW	393	ATLEVO5/SM3	424
AREELED/WH	135	ASULED/1/CW/PC	393	ATLEVO6	424
AREELEDWL	247	ASULED/1/WW	393	ATLEVO6/CF	424
AREELEDWL/PIR	247	ASULED/1/WW/PC	393	ATLEVO6/CF/DM3	424
AREELEDWL/WH	247	ASULED/2/CW	393	ATLEVO6/CF/SM3	424
AREELEDWL/WH/PIR	247	ASULED/2/CW/PC	393	ATLEVO6/DD1	424
AREELEDWLD	274	ASULED/2/WW	393	ATLEVO6/DD1/DM3	424
AREELEDWLD/WH	274	ASULED/2/WW/PC	393	ATLEVO6/DD1/SM3	424
AROLEDSSS	362	ASWA/B	240	ATLEVO6/DD3	424
ARULEDP/WW/B	179	ASWA/W	240	ATLEVO6/DD3/DM3	424
ARULEDP/WW/W	179	ASWTLED/3M	510	ATLEVO6/DD3/SM3	424
ASBP/1	510	ATAUB/1	328	ATLEVO6/DD4	424
ASBP/1 4/LI	538	ATAUB/1/PC	328	ATLEVO6/DD4/DM3	424
ASBP/1 5/LI	512	ATAUB/1/PC/SM3	328	ATLEVO6/DD4/SM3	424
ASBP/1 6	513	ATAUB/1/PIR	328	ATLEVO6/DM3	424
ASBP/1 8	516	ATAUB/1/PIR/PC	328	ATLEVO6/MWS	424
ASBP/1 9	524	ATAUB/1/PIR/PC/SM3	328	ATLEVO6/MWS/DM3	424
ASBP/21	542	ATAUB/1/PIR/SM3	328	ATLEVO6/MWS/SM3	424
ASBP/22/LI	511	ATAUB/1/SM3	328	ATLEVO6/OCTO	424
ASBP/27/LI	540	ATAUB/1/SM3/PC	328	ATLEVO6/OCTO/DM3	424
ASBP/28/LI	526	ATAUB/1/SM3/PIR	328	ATLEVO6/OCTO/SM3	424
ASBP/29/LI	536	ATAUB/1/SM3/PIR/PC	328	ATLEVO6/SM3	424
ASBP/3/LI	519	ATEL/PIR/B	382	ATLG/AB	150
ASBP/30/LI	508	ATEL10/1/B	382	ATLG/BLC	150
ASBP/31/LI	514	ATEL20/1/B	382	ATLG/BR	150
ASBP/32/LI	518	ATEL30/1/B	382	ATLG/CH	150
ASBP/5/LI	525	ATEL50/1/B	382	ATLG/MW	150
ASBP/6/LI	528	ATL/BA	148	ATLG/SC	150
ASBP/7/LI	529	ATLD/AB	148	ATLVD/IP44/CH	151
ASBP/8/LI	531	ATLD/BLC	148	ATLVD/IP44/SC	151
ASBP/9/LI	532	ATLD/BR	148	ATLVD/IP44/W	151
ASEGLED	254	ATLD/CH	148	ATLVOG/IP44/B	154
ASELEDB/060	341	ATLD/IP65/CH	153	ATLVOG/IP44/SG	154
ASELEDB/060/WW	341	ATLD/IP65/MW	153	ATLVOG/IP44/W	154
ASELEDB/100	341	ATLD/IP65/SC	153	ATORE2/1	420
ASELEDB/100/WW	341	ATLD/MW	148	ATORE2/1/CF	420
ASFRLED230/CW	134	ATLD/SC	148	ATORE2/1/DD1	420
ASFRLED230/WW	134	ATLEVO4	424	ATORE2/1/DD3	420
ASGU10L	157	ATLEVO4/CF	424	ATORE2/1/DD4	420
ASLE/1	311	ATLEVO4/CF/DM3	424	ATORE2/1/DM3	420
ASLE/1/PC	311	ATLEVO4/CF/SM3	424	ATORE2/1/MWS	420
ASLED/3NM	531	ATLEVO4/DD1	424	ATORE2/1/MWS/SM3	420
ASLED/3NM/B	531	ATLEVO4/DD1/DM3	424	ATORE2/1/OCTO	420
ASMF120/1	480	ATLEVO4/DD1/SM3	424	ATORE2/1/SM3	420
ASMF30/1	480	ATLEVO4/DD3	424	ATORE4/1	420
ASMF60/1	480	ATLEVO4/DD3/DM3	424	ATORE4/1/CF	420
ASPELED/60/CCT	492	ATLEVO4/DD3/SM3	424	ATORE4/1/CF/DM3	420
ASPELED/60/CCT/DD1	492	ATLEVO4/DD4	424	ATORE4/1/CF/SM3	420
ASPELED/60/CCT/DD1/DM3	492	ATLEVO4/DD4/DM3	424	ATORE4/1/DD1	420

PRODUCT CODE	PAGE	PRODUCT CODE	PAGE	PRODUCT CODE	PAGE
ATOR4/1/DD1/DM3	420	ATORPLED2X4/M3	418	ATORPLED2X6/CF/DM3	418
ATOR4/1/DD1/SM3	420	ATORPLED2X4/MWS	418	ATORPLED2X6/CF/M3	418
ATOR4/1/DD3	420	ATORPLED2X4/MWS/DM3	418	ATORPLED2X6/DD1	418
ATOR4/1/DD3/DM3	420	ATORPLED2X4/MWS/M3	418	ATORPLED2X6/DD1/DM3	418
ATOR4/1/DD3/SM3	420	ATORPLED2X4/OCTO	418	ATORPLED2X6/DD1/M3	418
ATOR4/1/DD4	420	ATORPLED2X4/OCTO/DM3	418	ATORPLED2X6/DD1/MWS	418
ATOR4/1/DD4/DM3	420	ATORPLED2X4/OCTO/M3	418	ATORPLED2X6/DD1/MWS/DM3	418
ATOR4/1/DD4/SM3	420	ATORPLED2X5	418	ATORPLED2X6/DD1/MWS/M3	418
ATOR4/1/DM3	420	ATORPLED2X5/CF	418	ATORPLED2X6/DD2	418
ATOR4/1/MWS	420	ATORPLED2X5/CF/DM3	418	ATORPLED2X6/DD2/DM3	418
ATOR4/1/MWS/DM3	420	ATORPLED2X5/CF/M3	418	ATORPLED2X6/DD2/M3	418
ATOR4/1/MWS/SM3	420	ATORPLED2X5/DD1	418	ATORPLED2X6/DD3	418
ATOR4/1/OCTO	420	ATORPLED2X5/DD1/DM3	418	ATORPLED2X6/DD3/DM3	418
ATOR4/1/OCTO/DM3	420	ATORPLED2X5/DD1/M3	418	ATORPLED2X6/DD3/M3	418
ATOR4/1/OCTO/SM3	420	ATORPLED2X5/DD1/MWS	418	ATORPLED2X6/DD4	418
ATOR4/1/SM3	420	ATORPLED2X5/DD1/MWS/DM3	418	ATORPLED2X6/DD4/DM3	418
ATOR5/1	420	ATORPLED2X5/DD1/MWS/M3	418	ATORPLED2X6/DD4/M3	418
ATOR5/1/CF	420	ATORPLED2X5/DD2	418	ATORPLED2X6/DM3	418
ATOR5/1/CF/DM3	420	ATORPLED2X5/DD2/DM3	418	ATORPLED2X6/M3	418
ATOR5/1/CF/SM3	420	ATORPLED2X5/DD2/M3	418	ATORPLED2X6/MWS	418
ATOR5/1/DD1	420	ATORPLED2X5/DD3	418	ATORPLED2X6/MWS/DM3	418
ATOR5/1/DD1/DM3	420	ATORPLED2X5/DD3/DM3	418	ATORPLED2X6/MWS/M3	418
ATOR5/1/DD1/SM3	420	ATORPLED2X5/DD3/M3	418	ATORPLED2X6/OCTO	418
ATOR5/1/DD3	420	ATORPLED2X5/DD4	418	ATORPLED2X6/OCTO/DM3	418
ATOR5/1/DD3/DM3	420	ATORPLED2X5/DD4/DM3	418	ATORPLED2X6/OCTO/M3	418
ATOR5/1/DD3/SM3	420	ATORPLED2X5/DD4/M3	418	ATORPLED4	418
ATOR5/1/DD4	420	ATORPLED2X5/DM3	418	ATORPLED4/CF	418
ATOR5/1/DD4/DM3	420	ATORPLED2X5/HO/1	418	ATORPLED4/CF/DM3	418
ATOR5/1/DD4/SM3	420	ATORPLED2X5/HO/1/CF	418	ATORPLED4/CF/M3	418
ATOR5/1/DM3	420	ATORPLED2X5/HO/1/CF/DM3	418	ATORPLED4/DD1	418
ATOR5/1/MWS	420	ATORPLED2X5/HO/1/CF/M3	418	ATORPLED4/DD1/DM3	418
ATOR5/1/MWS/DM3	420	ATORPLED2X5/HO/1/DD1	418	ATORPLED4/DD1/M3	418
ATOR5/1/MWS/SM3	420	ATORPLED2X5/HO/1/DD1/DM3	418	ATORPLED4/DD1/MWS	418
ATOR5/1/OCTO	420	ATORPLED2X5/HO/1/DD1/M3	418	ATORPLED4/DD1/MWS/DM3	418
ATOR5/1/OCTO/DM3	420	ATORPLED2X5/HO/1/DD3	418	ATORPLED4/DD1/MWS/M3	418
ATOR5/1/OCTO/SM3	420	ATORPLED2X5/HO/1/DD3/DM3	418	ATORPLED4/DD2	418
ATOR5/1/SM3	420	ATORPLED2X5/HO/1/DD3/M3	418	ATORPLED4/DD2/DM3	418
ATOR6/1	420	ATORPLED2X5/HO/1/DD4	418	ATORPLED4/DD2/M3	418
ATOR6/1/CF	420	ATORPLED2X5/HO/1/DD4/DM3	418	ATORPLED4/DD3	418
ATOR6/1/CF/DM3	420	ATORPLED2X5/HO/1/DD4/M3	418	ATORPLED4/DD3/DM3	418
ATOR6/1/CF/SM3	420	ATORPLED2X5/HO/1/DM3	418	ATORPLED4/DD3/M3	418
ATOR6/1/DD1	420	ATORPLED2X5/HO/1/M3	418	ATORPLED4/DD4	418
ATOR6/1/DD1/DM3	420	ATORPLED2X5/HO/1/MWS	418	ATORPLED4/DD4/DM3	418
ATOR6/1/DD1/SM3	420	ATORPLED2X5/HO/1/MWS/DM3	418	ATORPLED4/DD4/M3	418
ATOR6/1/DD3	420	ATORPLED2X5/HO/1/MWS/M3	418	ATORPLED4/DM3	418
ATOR6/1/DD3/DM3	420	ATORPLED2X5/HO/1/OCTO	418	ATORPLED4/M3	418
ATOR6/1/DD3/SM3	420	ATORPLED2X5/HO/1/OCTO/DM3	418	ATORPLED4/MWS	418
ATOR6/1/DD4	420	ATORPLED2X5/HO/1/OCTO/M3	418	ATORPLED4/MWS/DM3	418
ATOR6/1/DD4/DM3	420	ATORPLED2X5/HO/2	418	ATORPLED4/MWS/M3	418
ATOR6/1/DD4/SM3	420	ATORPLED2X5/HO/2/CF	418	ATORPLED4/OCTO	418
ATOR6/1/DM3	420	ATORPLED2X5/HO/2/CF/DM3	418	ATORPLED4/OCTO/DM3	418
ATOR6/1/MWS	420	ATORPLED2X5/HO/2/CF/M3	418	ATORPLED4/OCTO/M3	418
ATOR6/1/MWS/DM3	420	ATORPLED2X5/HO/2/DD1	418	ATORPLED5	418
ATOR6/1/MWS/SM3	420	ATORPLED2X5/HO/2/DD1/DM3	418	ATORPLED5/CF	418
ATOR6/1/OCTO	420	ATORPLED2X5/HO/2/DD1/M3	418	ATORPLED5/CF/DM3	418
ATOR6/1/OCTO/DM3	420	ATORPLED2X5/HO/2/DD3	418	ATORPLED5/CF/M3	418
ATOR6/1/OCTO/SM3	420	ATORPLED2X5/HO/2/DD3/DM3	418	ATORPLED5/DD1	418
ATOR6/1/SM3	420	ATORPLED2X5/HO/2/DD3/M3	418	ATORPLED5/DD1/DM3	418
ATORPLED2X4	418	ATORPLED2X5/HO/2/DD4	418	ATORPLED5/DD1/M3	418
ATORPLED2X4/CF	418	ATORPLED2X5/HO/2/DD4/DM3	418	ATORPLED5/DD1/MWS	418
ATORPLED2X4/CF/DM3	418	ATORPLED2X5/HO/2/DD4/M3	418	ATORPLED5/DD1/MWS/DM3	418
ATORPLED2X4/CF/M3	418	ATORPLED2X5/HO/2/DM3	418	ATORPLED5/DD1/MWS/M3	418
ATORPLED2X4/DD1	418	ATORPLED2X5/HO/2/M3	418	ATORPLED5/DD2	418
ATORPLED2X4/DD1/DM3	418	ATORPLED2X5/HO/2/MWS	418	ATORPLED5/DD2/DM3	418
ATORPLED2X4/DD1/M3	418	ATORPLED2X5/HO/2/MWS/DM3	418	ATORPLED5/DD2/M3	418
ATORPLED2X4/DD1/MWS	418	ATORPLED2X5/HO/2/MWS/M3	418	ATORPLED5/DD3	418
ATORPLED2X4/DD1/MWS/DM3	418	ATORPLED2X5/HO/2/OCTO	418	ATORPLED5/DD3/DM3	418
ATORPLED2X4/DD1/MWS/M3	418	ATORPLED2X5/HO/2/OCTO/DM3	418	ATORPLED5/DD3/M3	418
ATORPLED2X4/DD2	418	ATORPLED2X5/HO/2/OCTO/M3	418	ATORPLED5/DD4	418
ATORPLED2X4/DD2/DM3	418	ATORPLED2X5/M3	418	ATORPLED5/DD4/DM3	418
ATORPLED2X4/DD2/M3	418	ATORPLED2X5/MWS	418	ATORPLED5/DD4/M3	418
ATORPLED2X4/DD3	418	ATORPLED2X5/MWS/DM3	418	ATORPLED5/DM3	418
ATORPLED2X4/DD3/DM3	418	ATORPLED2X5/MWS/M3	418	ATORPLED5/M3	418
ATORPLED2X4/DD3/M3	418	ATORPLED2X5/OCTO	418	ATORPLED5/MWS	418
ATORPLED2X4/DD4	418	ATORPLED2X5/OCTO/DM3	418	ATORPLED5/MWS/DM3	418
ATORPLED2X4/DD4/DM3	418	ATORPLED2X5/OCTO/M3	418	ATORPLED5/MWS/M3	418
ATORPLED2X4/DD4/M3	418	ATORPLED2X6	418	ATORPLED5/OCTO	418
ATORPLED2X4/DM3	418	ATORPLED2X6/CF	418	ATORPLED5/OCTO/DM3	418

PRODUCT CODE	PAGE	PRODUCT CODE	PAGE	PRODUCT CODE	PAGE
ATORPLED5/OCTO/M3	418	AULED125D/DD2/M3	108	AULED125DHP/WW/M3	108
ATORPLED6	418	AULED125D/DD3	108	AULED125DHP/WW/OCTO	108
ATORPLED6/CF	418	AULED125D/DD3/DM3	108	AULED125DHP/WW/OCTO/DM3	108
ATORPLED6/CF/DM3	418	AULED125D/DD3/M3	108	AULED125DHP/WW/OCTO/M3	108
ATORPLED6/CF/M3	418	AULED125D/DD3/SM3	108	AULED125DHP/WW/OCTO/SM3	108
ATORPLED6/DD1	418	AULED125D/DD4	108	AULED125DHP/WW/SM3	108
ATORPLED6/DD1/DM3	418	AULED125D/DD4/DM3	108	AULED150D	109
ATORPLED6/DD1/M3	418	AULED125D/DD4/M3	108	AULED150D/DD1	109
ATORPLED6/DD1/MWS	418	AULED125D/DD4/SM3	108	AULED150D/DD1/DM3	109
ATORPLED6/DD1/MWS/DM3	418	AULED125D/DM3	108	AULED150D/DD1/M3	109
ATORPLED6/DD1/MWS/M3	418	AULED125D/EB	108	AULED150D/DD1/SM3	109
ATORPLED6/DD2	418	AULED125D/M3	108	AULED150D/DD2	109
ATORPLED6/DD2/DM3	418	AULED125D/OCTO	108	AULED150D/DD2/M3	109
ATORPLED6/DD2/M3	418	AULED125D/OCTO/DM3	108	AULED150D/DD3	109
ATORPLED6/DD3	418	AULED125D/OCTO/M3	108	AULED150D/DD3/DM3	109
ATORPLED6/DD3/DM3	418	AULED125D/OCTO/SM3	108	AULED150D/DD3/M3	109
ATORPLED6/DD3/M3	418	AULED125D/SM3	108	AULED150D/DD3/SM3	109
ATORPLED6/DD4	418	AULED125D/WW	108	AULED150D/DD4	109
ATORPLED6/DD4/DM3	418	AULED125D/WW/DD1	108	AULED150D/DD4/DM3	109
ATORPLED6/DD4/M3	418	AULED125D/WW/DD1/DM3	108	AULED150D/DD4/M3	109
ATORPLED6/DM3	418	AULED125D/WW/DD1/M3	108	AULED150D/DD4/SM3	109
ATORPLED6/M3	418	AULED125D/WW/DD1/SM3	108	AULED150D/DM3	109
ATORPLED6/MWS	418	AULED125D/WW/DD2	108	AULED150D/EB	109
ATORPLED6/MWS/DM3	418	AULED125D/WW/DD2/M3	108	AULED150D/M3	109
ATORPLED6/MWS/M3	418	AULED125D/WW/DD3	108	AULED150D/OCTO	109
ATORPLED6/OCTO	418	AULED125D/WW/DD3/DM3	108	AULED150D/OCTO/DM3	109
ATORPLED6/OCTO/DM3	418	AULED125D/WW/DD3/M3	108	AULED150D/OCTO/M3	109
ATORPLED6/OCTO/M3	418	AULED125D/WW/DD3/SM3	108	AULED150D/OCTO/SM3	109
ATRILED/B	245	AULED125D/WW/DD4	108	AULED150D/SM3	109
ATRILED/B/MWS	245	AULED125D/WW/DD4/DM3	108	AULED150D/WW	109
ATRILED/B/MWS/PC	245	AULED125D/WW/DD4/M3	108	AULED150D/WW/DD1	109
ATRILED/B/PC	245	AULED125D/WW/DD4/SM3	108	AULED150D/WW/DD1/DM3	109
ATSLED/3NM/ST/HO	528	AULED125D/WW/DM3	108	AULED150D/WW/DD1/M3	109
ATURWOLED/175	351	AULED125D/WW/EB	108	AULED150D/WW/DD1/SM3	109
ATURWOLED/175/WW	351	AULED125D/WW/M3	108	AULED150D/WW/DD2	109
ATURWOLED/230	352	AULED125D/WW/OCTO	108	AULED150D/WW/DD2/M3	109
ATURWOLED/230/WW	352	AULED125D/WW/OCTO/DM3	108	AULED150D/WW/DD3	109
ATURWOLED/70	348	AULED125D/WW/OCTO/M3	108	AULED150D/WW/DD3/DM3	109
ATURWOLED/70/2	348	AULED125D/WW/OCTO/SM3	108	AULED150D/WW/DD3/M3	109
ATURWOLED/70/4	348	AULED125D/WW/SM3	108	AULED150D/WW/DD3/SM3	109
ATURWOLED/70/WW	348	AULED125DHP	108	AULED150D/WW/DD4	109
ATURWOLED/95	349	AULED125DHP/DD1	108	AULED150D/WW/DD4/DM3	109
ATURWOLED/95/WW	349	AULED125DHP/DD1/DM3	108	AULED150D/WW/DD4/M3	109
ATWS/1/NM	529	AULED125DHP/DD1/M3	108	AULED150D/WW/DD4/SM3	109
AULED1/SMP	114	AULED125DHP/DD1/SM3	108	AULED150D/WW/DM3	109
AULED1/SMP/DD1	114	AULED125DHP/DD2	108	AULED150D/WW/EB	109
AULED1/SMP/DD1/M3	114	AULED125DHP/DD2/DM3	108	AULED150D/WW/M3	109
AULED1/SMP/DD2	114	AULED125DHP/DD2/M3	108	AULED150D/WW/OCTO	109
AULED1/SMP/DD2/M3	114	AULED125DHP/DD2/SM3	108	AULED150D/WW/OCTO/DM3	109
AULED1/SMP/DD3	114	AULED125DHP/DD3	108	AULED150D/WW/OCTO/M3	109
AULED1/SMP/DD3/M3	114	AULED125DHP/DD3/DM3	108	AULED150D/WW/OCTO/SM3	109
AULED1/SMP/DD4	114	AULED125DHP/DD3/M3	108	AULED150D/WW/SM3	109
AULED1/SMP/DD4/M3	114	AULED125DHP/DD3/SM3	108	AULED150DHP	109
AULED1/SMP/OCTO	114	AULED125DHP/DD4	108	AULED150DHP/DD1	109
AULED1/SMP/OCTO/M3	114	AULED125DHP/DD4/DM3	108	AULED150DHP/DD1/DM3	109
AULED1/SQU	115	AULED125DHP/DD4/M3	108	AULED150DHP/DD1/M3	109
AULED1/SQU/DD1	115	AULED125DHP/DD4/SM3	108	AULED150DHP/DD1/SM3	109
AULED1/SQU/DD1/M3	115	AULED125DHP/DM3	108	AULED150DHP/DD2	109
AULED1/SQU/DD2	115	AULED125DHP/M3	108	AULED150DHP/DD2/M3	109
AULED1/SQU/DD2/M3	115	AULED125DHP/OCTO	108	AULED150DHP/DD3	109
AULED1/SQU/DD3	115	AULED125DHP/OCTO/DM3	108	AULED150DHP/DD3/DM3	109
AULED1/SQU/DD3/M3	115	AULED125DHP/OCTO/M3	108	AULED150DHP/DD3/M3	109
AULED1/SQU/DD4	115	AULED125DHP/OCTO/SM3	108	AULED150DHP/DD3/SM3	109
AULED1/SQU/DD4/M3	115	AULED125DHP/SM3	108	AULED150DHP/DD4	109
AULED1/SQU/OCTO	115	AULED125DHP/WW	108	AULED150DHP/DD4/DM3	109
AULED1/SQU/OCTO/M3	115	AULED125DHP/WW/DD1	108	AULED150DHP/DD4/M3	109
AULED100WW	110	AULED125DHP/WW/DD1/DM3	108	AULED150DHP/DD4/SM3	109
AULED100WW/DD1	110	AULED125DHP/WW/DD1/M3	108	AULED150DHP/DM3	109
AULED100WW/DD2	110	AULED125DHP/WW/DD1/SM3	108	AULED150DHP/EB	109
AULED100WW/DD3	110	AULED125DHP/WW/DD3	108	AULED150DHP/M3	109
AULED100WW/DD4	110	AULED125DHP/WW/DD3/DM3	108	AULED150DHP/OCTO	109
AULED100WW/OCTO	110	AULED125DHP/WW/DD3/M3	108	AULED150DHP/OCTO/DM3	109
AULED125D	108	AULED125DHP/WW/DD3/SM3	108	AULED150DHP/OCTO/M3	109
AULED125D/DD1	108	AULED125DHP/WW/DD4	108	AULED150DHP/OCTO/SM3	109
AULED125D/DD1/DM3	108	AULED125DHP/WW/DD4/DM3	108	AULED150DHP/SM3	109
AULED125D/DD1/M3	108	AULED125DHP/WW/DD4/M3	108	AULED150WW	112
AULED125D/DD1/SM3	108	AULED125DHP/WW/DD4/SM3	108	AULED150WW/DD1	112
AULED125D/DD2	108	AULED125DHP/WW/DM3	108	AULED150WW/DD2	112



PRODUCT CODE	PAGE	PRODUCT CODE	PAGE	PRODUCT CODE	PAGE
AULED150WW/DD3	112	AULED80GIM/DD4/DM3	106	AVANTLED3/DD1/SM3	124
AULED150WW/DD4	112	AULED80GIM/DD4/M3	106	AVANTLED3/DD2	124
AULED150WW/OCTO	112	AULED80GIM/DD4/SM3	106	AVANTLED3/DD3	124
AULED175WW	113	AULED80GIM/DM3	106	AVANTLED3/DD3/DM3	124
AULED175WW/DD1	113	AULED80GIM/EB	106	AVANTLED3/DD3/M3	124
AULED175WW/DD2	113	AULED80GIM/M3	106	AVANTLED3/DD3/SM3	124
AULED175WW/DD3	113	AULED80GIM/OCTO	106	AVANTLED3/DD4	124
AULED175WW/DD4	113	AULED80GIM/OCTO/DM3	106	AVANTLED3/DD4/DM3	124
AULED175WW/OCTO	113	AULED80GIM/OCTO/M3	106	AVANTLED3/DD4/M3	124
AULED2/RMP	114	AULED80GIM/OCTO/SM3	106	AVANTLED3/DD4/SM3	124
AULED2/RMP/DD1	114	AULED80GIM/SM3	106	AVANTLED3/DM3	124
AULED2/RMP/DD1/M3	114	AULED80GIM/WWW	106	AVANTLED3/M3	124
AULED2/RMP/DD2	114	AULED80GIM/WWW/DD1	106	AVANTLED3/OCTO	124
AULED2/RMP/DD2/M3	114	AULED80GIM/WWW/DD1/DM3	106	AVANTLED3/OCTO/DM3	124
AULED2/RMP/DD3	114	AULED80GIM/WWW/DD1/M3	106	AVANTLED3/OCTO/M3	124
AULED2/RMP/DD3/M3	114	AULED80GIM/WWW/DD1/SM3	106	AVANTLED3/OCTO/SM3	124
AULED2/RMP/DD4	114	AULED80GIM/WWW/DD2	106	AVANTLED3/SM3	124
AULED2/RMP/DD4/M3	114	AULED80GIM/WWW/DD2/M3	106	AVANTLED4	124
AULED2/RMP/OCTO	114	AULED80GIM/WWW/DD3	106	AVANTLED4/DD1	124
AULED2/RMP/OCTO/M3	114	AULED80GIM/WWW/DD3/DM3	106	AVANTLED4/DD1/DM3	124
AULED80D	106	AULED80GIM/WWW/DD3/M3	106	AVANTLED4/DD1/M3	124
AULED80D/DD1	106	AULED80GIM/WWW/DD3/SM3	106	AVANTLED4/DD1/SM3	124
AULED80D/DD1/DM3	106	AULED80GIM/WWW/DD4	106	AVANTLED4/DD3	124
AULED80D/DD1/M3	106	AULED80GIM/WWW/DD4/DM3	106	AVANTLED4/DD3/DM3	124
AULED80D/DD1/SM3	106	AULED80GIM/WWW/DD4/M3	106	AVANTLED4/DD3/M3	124
AULED80D/DD2	106	AULED80GIM/WWW/DD4/SM3	106	AVANTLED4/DD3/SM3	124
AULED80D/DD2/M3	106	AULED80GIM/WWW/DM3	106	AVANTLED4/DD4	124
AULED80D/DD3	106	AULED80GIM/WWW/EB	106	AVANTLED4/DD4/DM3	124
AULED80D/DD3/DM3	106	AULED80GIM/WWW/M3	106	AVANTLED4/DD4/M3	124
AULED80D/DD3/M3	106	AULED80GIM/WWW/OCTO	106	AVANTLED4/DD4/SM3	124
AULED80D/DD3/SM3	106	AULED80GIM/WWW/OCTO/DM3	106	AVANTLED4/DM3	124
AULED80D/DD4	106	AULED80GIM/WWW/OCTO/M3	106	AVANTLED4/M3	124
AULED80D/DD4/DM3	106	AULED80GIM/WWW/OCTO/SM3	106	AVANTLED4/OCTO	124
AULED80D/DD4/M3	106	AULED80GIM/WWW/SM3	106	AVANTLED4/OCTO/DM3	124
AULED80D/DD4/SM3	106	AVANTLED1	124	AVANTLED4/OCTO/M3	124
AULED80D/DM3	106	AVANTLED1/DD1	124	AVANTLED4/OCTO/SM3	124
AULED80D/EB	106	AVANTLED1/DD1/DM3	124	AVANTLED4/SM3	124
AULED80D/M3	106	AVANTLED1/DD1/M3	124	AVANTLG1/CW	122
AULED80D/OCTO	106	AVANTLED1/DD1/SM3	124	AVANTLG1/CW/DD1	122
AULED80D/OCTO/DM3	106	AVANTLED1/DD3	124	AVANTLG1/CW/DD1/DM3	122
AULED80D/OCTO/M3	106	AVANTLED1/DD3/DM3	124	AVANTLG1/CW/DD1/M3	122
AULED80D/OCTO/SM3	106	AVANTLED1/DD3/M3	124	AVANTLG1/CW/DD1/SM3	122
AULED80D/SM3	106	AVANTLED1/DD3/SM3	124	AVANTLG1/CW/DD3	122
AULED80D/WWW	106	AVANTLED1/DD4	124	AVANTLG1/CW/DD3/DM3	122
AULED80D/WWW/DD1	106	AVANTLED1/DD4/DM3	124	AVANTLG1/CW/DD3/M3	122
AULED80D/WWW/DD1/DM3	106	AVANTLED1/DD4/M3	124	AVANTLG1/CW/DD3/SM3	122
AULED80D/WWW/DD1/M3	106	AVANTLED1/DD4/SM3	124	AVANTLG1/CW/DD4	122
AULED80D/WWW/DD1/SM3	106	AVANTLED1/DM3	124	AVANTLG1/CW/DD4/DM3	122
AULED80D/WWW/DD2	106	AVANTLED1/M3	124	AVANTLG1/CW/DD4/M3	122
AULED80D/WWW/DD2/M3	106	AVANTLED1/OCTO	124	AVANTLG1/CW/DD4/SM3	122
AULED80D/WWW/DD3	106	AVANTLED1/OCTO/DM3	124	AVANTLG1/CW/DM3	122
AULED80D/WWW/DD3/DM3	106	AVANTLED1/OCTO/M3	124	AVANTLG1/CW/M3	122
AULED80D/WWW/DD3/M3	106	AVANTLED1/OCTO/SM3	124	AVANTLG1/CW/OCTO	122
AULED80D/WWW/DD3/SM3	106	AVANTLED1/SM3	124	AVANTLG1/CW/OCTO/DM3	122
AULED80D/WWW/DD4	106	AVANTLED2	124	AVANTLG1/CW/OCTO/M3	122
AULED80D/WWW/DD4/DM3	106	AVANTLED2/DD1	124	AVANTLG1/CW/OCTO/SM3	122
AULED80D/WWW/DD4/M3	106	AVANTLED2/DD1/DM3	124	AVANTLG1/CW/SM3	122
AULED80D/WWW/DD4/SM3	106	AVANTLED2/DD1/M3	124	AVANTLG1/WWW	122
AULED80D/WWW/DM3	106	AVANTLED2/DD1/SM3	124	AVANTLG1/WWW/DALI	122
AULED80D/WWW/EB	106	AVANTLED2/DD3	124	AVANTLG1/WWW/DD1	122
AULED80D/WWW/M3	106	AVANTLED2/DD3/DM3	124	AVANTLG1/WWW/DD1/DM3	122
AULED80D/WWW/OCTO	106	AVANTLED2/DD3/M3	124	AVANTLG1/WWW/DD1/M3	122
AULED80D/WWW/OCTO/DM3	106	AVANTLED2/DD3/SM3	124	AVANTLG1/WWW/DD1/SM3	122
AULED80D/WWW/OCTO/M3	106	AVANTLED2/DD4	124	AVANTLG1/WWW/DD3	122
AULED80D/WWW/OCTO/SM3	106	AVANTLED2/DD4/DM3	124	AVANTLG1/WWW/DD3/DM3	122
AULED80D/WWW/SM3	106	AVANTLED2/DD4/M3	124	AVANTLG1/WWW/DD3/M3	122
AULED80GIM	106	AVANTLED2/DD4/SM3	124	AVANTLG1/WWW/DD3/SM3	122
AULED80GIM/DD1	106	AVANTLED2/DM3	124	AVANTLG1/WWW/DD4	122
AULED80GIM/DD1/DM3	106	AVANTLED2/M3	124	AVANTLG1/WWW/DD4/DM3	122
AULED80GIM/DD1/M3	106	AVANTLED2/OCTO	124	AVANTLG1/WWW/DD4/M3	122
AULED80GIM/DD1/SM3	106	AVANTLED2/OCTO/DM3	124	AVANTLG1/WWW/DD4/SM3	122
AULED80GIM/DD2	106	AVANTLED2/OCTO/M3	124	AVANTLG1/WWW/DM3	122
AULED80GIM/DD2/M3	106	AVANTLED2/OCTO/SM3	124	AVANTLG1/WWW/M3	122
AULED80GIM/DD3	106	AVANTLED2/SM3	124	AVANTLG1/WWW/OCTO	122
AULED80GIM/DD3/DM3	106	AVANTLED3	124	AVANTLG1/WWW/OCTO/DM3	122
AULED80GIM/DD3/M3	106	AVANTLED3/DD1	124	AVANTLG1/WWW/OCTO/M3	122
AULED80GIM/DD3/SM3	106	AVANTLED3/DD1/DM3	124	AVANTLG1/WWW/OCTO/SM3	122
AULED80GIM/DD4	106	AVANTLED3/DD1/M3	124	AVANTLG1/WWW/SM3	122

PRODUCT CODE	PAGE	PRODUCT CODE	PAGE	PRODUCT CODE	PAGE
AVANTLG2/CW	122	AVANTLG3/WW/OCTO/SM3	122	AVASLED5/B/DD3	442
AVANTLG2/CW/DD1	122	AVANTLG3/WW/SM3	122	AVASLED5/B/M3	442
AVANTLG2/CW/DD1/DM3	122	AVANTLG4/CW	122	AVASLED5/B/OCTO	442
AVANTLG2/CW/DD1/M3	122	AVANTLG4/CW/DD1	122	AVASLED5/B/OCTO/M3	442
AVANTLG2/CW/DD1/SM3	122	AVANTLG4/CW/DD1/DM3	122	AVASLED5/B/SM3	442
AVANTLG2/CW/DD3	122	AVANTLG4/CW/DD1/M3	122	AVASLED5/DD1	442
AVANTLG2/CW/DD3/DM3	122	AVANTLG4/CW/DD1/SM3	122	AVASLED5/DD2	442
AVANTLG2/CW/DD3/M3	122	AVANTLG4/CW/DD3	122	AVASLED5/DD3	442
AVANTLG2/CW/DD3/SM3	122	AVANTLG4/CW/DD3/DM3	122	AVASLED5/LO	442
AVANTLG2/CW/DD4	122	AVANTLG4/CW/DD3/M3	122	AVASLED5/LO/B	442
AVANTLG2/CW/DD4/DM3	122	AVANTLG4/CW/DD3/SM3	122	AVASLED5/LO/B/M3	442
AVANTLG2/CW/DD4/M3	122	AVANTLG4/CW/DD4	122	AVASLED5/LO/B/SM3	442
AVANTLG2/CW/DD4/SM3	122	AVANTLG4/CW/DD4/DM3	122	AVASLED5/LO/M3	442
AVANTLG2/CW/DM3	122	AVANTLG4/CW/DD4/M3	122	AVASLED5/LO/SM3	442
AVANTLG2/CW/M3	122	AVANTLG4/CW/DD4/SM3	122	AVASLED5/M3	442
AVANTLG2/CW/OCTO	122	AVANTLG4/CW/DM3	122	AVASLED5/MWS/M3	442
AVANTLG2/CW/OCTO/DM3	122	AVANTLG4/CW/M3	122	AVASLED5/OCTO	442
AVANTLG2/CW/OCTO/M3	122	AVANTLG4/CW/OCTO	122	AVASLED5/OCTO/M3	442
AVANTLG2/CW/OCTO/SM3	122	AVANTLG4/CW/OCTO/DM3	122	AVASLED5/SM3	442
AVANTLG2/CW/SM3	122	AVANTLG4/CW/OCTO/M3	122	AVIL1/GR	306
AVANTLG2/WW	122	AVANTLG4/CW/OCTO/SM3	122	AVIL1/GR/CF	306
AVANTLG2/WW/DD1	122	AVANTLG4/CW/SM3	122	AVIL1/GR/CF/DM3	306
AVANTLG2/WW/DD1/DM3	122	AVANTLG4/WW	122	AVIL1/GR/CF/DM3/PC	306
AVANTLG2/WW/DD1/M3	122	AVANTLG4/WW/DD1	122	AVIL1/GR/CF/PC	306
AVANTLG2/WW/DD1/SM3	122	AVANTLG4/WW/DD1/DM3	122	AVIL1/GR/CF/SM3	306
AVANTLG2/WW/DD3	122	AVANTLG4/WW/DD1/M3	122	AVIL1/GR/CF/SM3/PC	306
AVANTLG2/WW/DD3/DM3	122	AVANTLG4/WW/DD1/SM3	122	AVIL1/GR/DD1	306
AVANTLG2/WW/DD3/M3	122	AVANTLG4/WW/DD3	122	AVIL1/GR/DD1/DM3	306
AVANTLG2/WW/DD3/SM3	122	AVANTLG4/WW/DD3/DM3	122	AVIL1/GR/DD1/SM3	306
AVANTLG2/WW/DD4	122	AVANTLG4/WW/DD3/M3	122	AVIL1/GR/DD3	306
AVANTLG2/WW/DD4/DM3	122	AVANTLG4/WW/DD3/SM3	122	AVIL1/GR/DD3/DM3	306
AVANTLG2/WW/DD4/M3	122	AVANTLG4/WW/DD4	122	AVIL1/GR/DD3/SM3	306
AVANTLG2/WW/DD4/SM3	122	AVANTLG4/WW/DD4/DM3	122	AVIL1/GR/DD4	306
AVANTLG2/WW/DM3	122	AVANTLG4/WW/DD4/M3	122	AVIL1/GR/DD4/DM3	306
AVANTLG2/WW/M3	122	AVANTLG4/WW/DD4/SM3	122	AVIL1/GR/DD4/SM3	306
AVANTLG2/WW/OCTO	122	AVANTLG4/WW/DM3	122	AVIL1/GR/DM3	306
AVANTLG2/WW/OCTO/DM3	122	AVANTLG4/WW/M3	122	AVIL1/GR/MWS	306
AVANTLG2/WW/OCTO/M3	122	AVANTLG4/WW/OCTO	122	AVIL1/GR/MWS/DM3	306
AVANTLG2/WW/OCTO/SM3	122	AVANTLG4/WW/OCTO/DM3	122	AVIL1/GR/MWS/PC	306
AVANTLG2/WW/SM3	122	AVANTLG4/WW/OCTO/M3	122	AVIL1/GR/MWS/SM3	306
AVANTLG3/CW	122	AVANTLG4/WW/OCTO/SM3	122	AVIL1/GR/OCTO	306
AVANTLG3/CW/DD1	122	AVANTLG4/WW/SM3	122	AVIL1/GR/OCTO/DM3	306
AVANTLG3/CW/DD1/DM3	122	AVAS/P3/1/B	442	AVIL1/GR/OCTO/SM3	306
AVANTLG3/CW/DD1/M3	122	AVAS/P3/1/W	442	AVIL1/GR/PC	306
AVANTLG3/CW/DD1/SM3	122	AVAS/WW/1	442	AVIL1/GR/SM3	306
AVANTLG3/CW/DD3	122	AVASLED	442	AVIL1/W	306
AVANTLG3/CW/DD3/DM3	122	AVASLED/90	442	AVIL1/W/CF	306
AVANTLG3/CW/DD3/M3	122	AVASLED/90/B	442	AVIL1/W/CF/DM3	306
AVANTLG3/CW/DD3/SM3	122	AVASLED/B	442	AVIL1/W/CF/DM3/PC	306
AVANTLG3/CW/DD4	122	AVASLED/B/DD1	442	AVIL1/W/CF/PC	306
AVANTLG3/CW/DD4/DM3	122	AVASLED/B/DD2	442	AVIL1/W/CF/SM3	306
AVANTLG3/CW/DD4/M3	122	AVASLED/B/DD3	442	AVIL1/W/CF/SM3/PC	306
AVANTLG3/CW/DD4/SM3	122	AVASLED/B/M3	442	AVIL1/W/DD1	306
AVANTLG3/CW/DM3	122	AVASLED/B/OCTO	442	AVIL1/W/DD1/DM3	306
AVANTLG3/CW/M3	122	AVASLED/B/SK	442	AVIL1/W/DD1/SM3	306
AVANTLG3/CW/OCTO	122	AVASLED/B/SM3	442	AVIL1/W/DD3	306
AVANTLG3/CW/OCTO/DM3	122	AVASLED/DD1	442	AVIL1/W/DD3/DM3	306
AVANTLG3/CW/OCTO/M3	122	AVASLED/DD1/M3	442	AVIL1/W/DD3/SM3	306
AVANTLG3/CW/OCTO/SM3	122	AVASLED/DD2	442	AVIL1/W/DD4	306
AVANTLG3/CW/SM3	122	AVASLED/DD3	442	AVIL1/W/DD4/DM3	306
AVANTLG3/WW	122	AVASLED/LC	442	AVIL1/W/DD4/SM3	306
AVANTLG3/WW/DD1	122	AVASLED/LO	442	AVIL1/W/DM3	306
AVANTLG3/WW/DD1/DM3	122	AVASLED/LO/B	442	AVIL1/W/MWS	306
AVANTLG3/WW/DD1/M3	122	AVASLED/LO/B/M3	442	AVIL1/W/MWS/DM3	306
AVANTLG3/WW/DD1/SM3	122	AVASLED/LO/B/OCTO	442	AVIL1/W/MWS/PC	306
AVANTLG3/WW/DD3	122	AVASLED/LO/B/SM3	442	AVIL1/W/MWS/SM3	306
AVANTLG3/WW/DD3/DM3	122	AVASLED/LO/M3	442	AVIL1/W/OCTO	306
AVANTLG3/WW/DD3/M3	122	AVASLED/LO/SM3	442	AVIL1/W/OCTO/DM3	306
AVANTLG3/WW/DD3/SM3	122	AVASLED/M3	442	AVIL1/W/OCTO/SM3	306
AVANTLG3/WW/DD4	122	AVASLED/OCTO	442	AVIL1/W/PC	306
AVANTLG3/WW/DD4/DM3	122	AVASLED/OCTO/M3	442	AVIL1/W/SM3	306
AVANTLG3/WW/DD4/M3	122	AVASLED/SK	442	AVILED/GR/EYE	306
AVANTLG3/WW/DD4/SM3	122	AVASLED/SM3	442	AVILED/GR/LVD	306
AVANTLG3/WW/DM3	122	AVASLED/W	442	AVILED/W/EYE	306
AVANTLG3/WW/M3	122	AVASLED5	442	AVILED/W/LVD	306
AVANTLG3/WW/OCTO	122	AVASLED5/B	442	AVIMLED/GR	309
AVANTLG3/WW/OCTO/DM3	122	AVASLED5/B/DD1	442	AVIMLED/GR/EYE	309
AVANTLG3/WW/OCTO/M3	122	AVASLED5/B/DD2	442	AVIMLED/GR/LVD	309

PRODUCT CODE	PAGE	PRODUCT CODE	PAGE	PRODUCT CODE	PAGE
AVIMLED/GR/PC	309	AWOLF/MINI/SG/OCTO/DM3	320	AZLEDPLUS/1/MWS/M3	405
AVIMLED/W	309	AWOLF/MINI/SG/OCTO/SM3	320	AZLEDPLUS/1/MWS/SM3	405
AVIMLED/W/EYE	309	AWOLF/MINI/SG/PC	320	AZLEDPLUS/1/OCTO	405
AVIMLED/W/LVD	309	AWOLF/MINI/SG/SM3	320	AZLEDPLUS/1/OCTO/DM3	405
AVIMLED/W/PC	309	AWOLF/SG	319	AZLEDPLUS/1/OCTO/M3	405
AVLED/KIT	209	AWOLF/SG/CF	319	AZLEDPLUS/1/OCTO/SM3	405
AWAT/1	519	AWOLF/SG/DD1	319	AZLEDPLUS/1/SM3	405
AWQ/GU10	357	AWOLF/SG/DD1/DM3	319	AZLEDPLUS/2	405
AWO50	356	AWOLF/SG/DD1/M3	319	AZLEDPLUS/2/DD3	405
AWOLF/BLK	319	AWOLF/SG/DD1/SM3	319	AZLEDPLUS/2/DD3/DM3	405
AWOLF/BLK/CF	319	AWOLF/SG/DD3	319	AZLEDPLUS/2/DD3/M3	405
AWOLF/BLK/DD1	319	AWOLF/SG/DD3/DM3	319	AZLEDPLUS/2/DD3/SM3	405
AWOLF/BLK/DD1/DM3	319	AWOLF/SG/DD3/M3	319	AZLEDPLUS/2/DL	405
AWOLF/BLK/DD1/M3	319	AWOLF/SG/DD3/SM3	319	AZLEDPLUS/2/DL/DD3	405
AWOLF/BLK/DD1/SM3	319	AWOLF/SG/DD4	319	AZLEDPLUS/2/DL/DD3/DM3	405
AWOLF/BLK/DD3	319	AWOLF/SG/DD4/DM3	319	AZLEDPLUS/2/DL/DD3/M3	405
AWOLF/BLK/DD3/DM3	319	AWOLF/SG/DD4/M3	319	AZLEDPLUS/2/DL/DD3/SM3	405
AWOLF/BLK/DD3/M3	319	AWOLF/SG/DD4/SM3	319	AZLEDPLUS/2/DL/DM3	405
AWOLF/BLK/DD3/SM3	319	AWOLF/SG/DM3	319	AZLEDPLUS/2/DL/M3	405
AWOLF/BLK/DD4	319	AWOLF/SG/DM3/PC	319	AZLEDPLUS/2/DL/MWS	405
AWOLF/BLK/DD4/DM3	319	AWOLF/SG/M3	319	AZLEDPLUS/2/DL/MWS/DM3	405
AWOLF/BLK/DD4/M3	319	AWOLF/SG/M3/PC	319	AZLEDPLUS/2/DL/MWS/M3	405
AWOLF/BLK/DD4/SM3	319	AWOLF/SG/MWS	319	AZLEDPLUS/2/DL/MWS/SM3	405
AWOLF/BLK/DM3	319	AWOLF/SG/MWS/DM3	319	AZLEDPLUS/2/DL/OCTO	405
AWOLF/BLK/DM3/PC	319	AWOLF/SG/MWS/DM3/PC	319	AZLEDPLUS/2/DL/OCTO/DM3	405
AWOLF/BLK/M3	319	AWOLF/SG/MWS/M3	319	AZLEDPLUS/2/DL/OCTO/M3	405
AWOLF/BLK/M3/PC	319	AWOLF/SG/MWS/M3/PC	319	AZLEDPLUS/2/DL/OCTO/SM3	405
AWOLF/BLK/MWS	319	AWOLF/SG/MWS/PC	319	AZLEDPLUS/2/DL/SM3	405
AWOLF/BLK/MWS/DM3	319	AWOLF/SG/MWS/SM3	319	AZLEDPLUS/2/DM3	405
AWOLF/BLK/MWS/DM3/PC	319	AWOLF/SG/MWS/SM3/PC	319	AZLEDPLUS/2/M3	405
AWOLF/BLK/MWS/M3	319	AWOLF/SG/OCTO	319	AZLEDPLUS/2/MWS	405
AWOLF/BLK/MWS/M3/PC	319	AWOLF/SG/OCTO/DM3	319	AZLEDPLUS/2/MWS/DM3	405
AWOLF/BLK/MWS/PC	319	AWOLF/SG/OCTO/M3	319	AZLEDPLUS/2/MWS/M3	405
AWOLF/BLK/MWS/SM3	319	AWOLF/SG/OCTO/SM3	319	AZLEDPLUS/2/MWS/SM3	405
AWOLF/BLK/MWS/SM3/PC	319	AWOLF/SG/PC	319	AZLEDPLUS/2/OCTO	405
AWOLF/BLK/OCTO	319	AWOLF/SG/SM3	319	AZLEDPLUS/2/OCTO/DM3	405
AWOLF/BLK/OCTO/DM3	319	AWOLF/SG/SM3/PC	319	AZLEDPLUS/2/OCTO/M3	405
AWOLF/BLK/OCTO/M3	319	AWOLF/SG/SM3/PC	319	AZLEDPLUS/2/OCTO/SM3	405
AWOLF/BLK/OCTO/SM3	319	AWOLF/SG/SM3/PC	319	AZLEDPLUS/2/SM3	405
AWOLF/BLK/PC	319	AWOLF/SG/SM3/PC	319	AZLEDPLUS/3	405
AWOLF/BLK/SM3	319	AWOLF/SG/SM3/PC	319	AZLEDPLUS/3/DD3	405
AWOLF/BLK/SM3/PC	319	AWOLF/SG/SM3/PC	319	AZLEDPLUS/3/DD3/DM3	405
AWOLF/MINI/BLK	320	AWOLF/SG/SM3/PC	319	AZLEDPLUS/3/DD3/M3	405
AWOLF/MINI/BLK/DD1	320	AWOLF/SG/SM3/PC	319	AZLEDPLUS/3/DD3/SM3	405
AWOLF/MINI/BLK/DD1/DM3	320	AWOLF/SG/SM3/PC	319	AZLEDPLUS/3/DL	405
AWOLF/MINI/BLK/DD1/SM3	320	AWOLF/SG/SM3/PC	319	AZLEDPLUS/3/DL/DD3	405
AWOLF/MINI/BLK/DD3	320	AWOLF/SG/SM3/PC	319	AZLEDPLUS/3/DL/DD3/DM3	405
AWOLF/MINI/BLK/DD3/DM3	320	AWOLF/SG/SM3/PC	319	AZLEDPLUS/3/DL/DD3/M3	405
AWOLF/MINI/BLK/DD3/SM3	320	AWOLF/SG/SM3/PC	319	AZLEDPLUS/3/DL/DD3/SM3	405
AWOLF/MINI/BLK/DD4	320	AWOLF/SG/SM3/PC	319	AZLEDPLUS/3/DL/DM3	405
AWOLF/MINI/BLK/DD4/DM3	320	AWOLF/SG/SM3/PC	319	AZLEDPLUS/3/DL/M3	405
AWOLF/MINI/BLK/DD4/SM3	320	AWOLF/SG/SM3/PC	319	AZLEDPLUS/3/DL/MWS	405
AWOLF/MINI/BLK/DM3	320	AWOLF/SG/SM3/PC	319	AZLEDPLUS/3/DL/MWS/DM3	405
AWOLF/MINI/BLK/MWS	320	AWOLF/SG/SM3/PC	319	AZLEDPLUS/3/DL/MWS/M3	405
AWOLF/MINI/BLK/MWS/DM3	320	AWOLF/SG/SM3/PC	319	AZLEDPLUS/3/DL/MWS/SM3	405
AWOLF/MINI/BLK/MWS/SM3	320	AWOLF/SG/SM3/PC	319	AZLEDPLUS/3/DL/OCTO	405
AWOLF/MINI/BLK/MWS/SM3/PC	320	AWOLF/SG/SM3/PC	319	AZLEDPLUS/3/DL/OCTO/DM3	405
AWOLF/MINI/BLK/OCTO	320	AWOLF/SG/SM3/PC	319	AZLEDPLUS/3/DL/OCTO/M3	405
AWOLF/MINI/BLK/OCTO/DM3	320	AWOLF/SG/SM3/PC	319	AZLEDPLUS/3/DL/OCTO/SM3	405
AWOLF/MINI/BLK/OCTO/SM3	320	AWOLF/SG/SM3/PC	319	AZLEDPLUS/3/DL/SM3	405
AWOLF/MINI/BLK/PC	320	AWOLF/SG/SM3/PC	319	AZLEDPLUS/3/DM3	405
AWOLF/MINI/BLK/SM3	320	AWOLF/SG/SM3/PC	319	AZLEDPLUS/3/M3	405
AWOLF/MINI/BLK/SM3/PC	320	AWOLF/SG/SM3/PC	319	AZLEDPLUS/3/MWS	405
AWOLF/MINI/SG	320	AWOLF/SG/SM3/PC	319	AZLEDPLUS/3/MWS/DM3	405
AWOLF/MINI/SG/DD1	320	AWOLF/SG/SM3/PC	319	AZLEDPLUS/3/MWS/M3	405
AWOLF/MINI/SG/DD1/DM3	320	AWOLF/SG/SM3/PC	319	AZLEDPLUS/3/MWS/SM3	405
AWOLF/MINI/SG/DD1/SM3	320	AWOLF/SG/SM3/PC	319	AZLEDPLUS/3/OCTO	405
AWOLF/MINI/SG/DD3	320	AWOLF/SG/SM3/PC	319	AZLEDPLUS/3/OCTO/DM3	405
AWOLF/MINI/SG/DD3/DM3	320	AWOLF/SG/SM3/PC	319	AZLEDPLUS/3/OCTO/M3	405
AWOLF/MINI/SG/DD3/SM3	320	AWOLF/SG/SM3/PC	319	AZLEDPLUS/3/OCTO/SM3	405
AWOLF/MINI/SG/DD4	320	AWOLF/SG/SM3/PC	319	AZLEDPLUS/3/SM3	405
AWOLF/MINI/SG/DD4/DM3	320	AWOLF/SG/SM3/PC	319	AZLEDPLUS/FB1	405
AWOLF/MINI/SG/DD4/SM3	320	AWOLF/SG/SM3/PC	319	AZLEDPLUS/REF1	405
AWOLF/MINI/SG/DM3	320	AWOLF/SG/SM3/PC	319	AZLEDPLUS/REF2	405
AWOLF/MINI/SG/MWS	320	AWOLF/SG/SM3/PC	319	AZLP/FB1/1	406
AWOLF/MINI/SG/MWS/DM3	320	AWOLF/SG/SM3/PC	319	AZLP/FB2/1	406
AWOLF/MINI/SG/MWS/SM3	320	AWOLF/SG/SM3/PC	319	AZLP/FB3/1	406
AWOLF/MINI/SG/OCTO	320	AWOLF/SG/SM3/PC	319	AZLP/MWS	406

PRODUCT CODE	PAGE
AZLP/P	406
AZLP/PIR	406
AZLP1/1	406
AZLP1/1/DD3	406
AZLP1/1/OCTO	406
AZLP1/L55	406
AZLP1/REF/1	406
AZLP2/1	406
AZLP2/1/DD3	406
AZLP2/1/OCTO	406
AZLP2/L55	406
AZLP2/REF/1	406
AZLP3/1	406
AZLP3/1/DD3	406
AZLP3/1/OCTO	406
AZLP3/L55	406
AZLP3/REF/1	406
AZLX/1/CW	410
AZLX/1/CW/DD3	410
AZLX/1/CW/DD3/SM3	410
AZLX/1/CW/OCTO	410
AZLX/1/CW/OCTO/SM3	410
AZLX/1/CW/SM3	410
AZPLLED/1	412
AZPLLED/1/DD3	412
AZPLLED/1/DD3/M3	412
AZPLLED/1/M3	412
AZPLLED/1/OCTO	412
AZPLLED/1/OCTO/M3	412
AZPLLED/2	412
AZPLLED/2/DD3	412
AZPLLED/2/DD3/M3	412
AZPLLED/2/M3	412
AZPLLED/2/OCTO	412
AZPLLED/2/OCTO/M3	412
AZPLLED/3	412
AZPLLED/3/DD3	412
AZPLLED/3/DD3/M3	412
AZPLLED/3/M3	412
AZPLLED/3/OCTO	412
AZPLLED/3/OCTO/M3	412
AZPLLED/LC	412
AZPLLED/MWS	412
AZPLLED/MWSP	412
AZPLLED/SK	412



# Terms & Conditions

583

## Conditions of Sale

### 1. INTERPRETATION

- 1.1 The definitions and rules of interpretation in this condition apply in these conditions.  
Customer: the person, firm or company who purchases the Goods from the Company.  
Company: Ansell Lighting  
Contract: any contract between the Company and the Customer for the sale and purchase of the Goods, incorporating these conditions.  
Delivery Point: the place where delivery of the Goods is to take place under condition 4.  
Goods: any goods agreed in the Contract to be supplied to the Customer by the Company (including any part or parts of them).  
A reference to a law is a reference to it as it is in force for the time being taking account of any amendment, extension, application or re-enactment and includes any subordinate legislation for the time being in force made under it.
- 1.2 Words in the singular include the plural and in the plural include the singular.
- 1.3 A reference to one gender includes a reference to the other gender.
- 1.4 Condition headings do not affect the interpretation of these conditions.

### 2. APPLICATION OF TERMS

- 2.1 Subject to any variation under condition 2.3 the Contract shall be on these conditions to the exclusion of all other terms and conditions (including any terms or conditions which the Customer purports to apply under any purchase order, confirmation of order, specification or other document).
- 2.2 No terms or conditions endorsed on, delivered with or contained in the Customer's purchase order, confirmation of order, specification or other document shall form part of the Contract simply as a result of such document being referred to in the Contract.
- 2.3 These conditions apply to all the Company's sales and any variation to these conditions and any representations about the Goods shall have no effect unless expressly agreed in writing and signed by a duly authorised officer of the Company. The Customer acknowledges that it has not relied on any statement, promise or representation made or given by or on behalf of the Company which is not set out in the Contract. Nothing in this condition shall exclude or limit the Company's liability for fraudulent misrepresentation.
- 2.4 Each order for Goods by the Customer from the Company shall be deemed to be an offer by the Customer to buy Goods subject to these conditions.
- 2.5 No order placed by the Customer shall be deemed to be accepted by the Company until the Company delivers the Goods to the Customer.
- 2.6 The Customer shall ensure that the terms of its order and any applicable specification are complete and accurate and in writing.
- 2.7 Any quotation is valid for a period of 30 days from its date, provided that the Company has not previously withdrawn it.

### 3. DESCRIPTION

All samples, drawings, descriptive matter, specifications and advertising issued by the Company and any descriptions or illustrations contained in the Company's catalogues or brochures are issued or published for the sole purpose of giving an approximate idea of the Goods described in them. They shall not form part of the Contract and this is not a sale by sample.

### 4. DELIVERY

- 4.1 Unless otherwise agreed in writing by the Company, delivery of the Goods shall take place at the Customer's place of business unless the Goods are collected by the Customer when delivery shall take place at the Company's place of business.
- 4.2 Any dates specified by the Company for delivery of the Goods are intended to be an estimate and time for delivery shall not be made of the essence by notice. If no dates are so specified, delivery shall be within a reasonable time.
- 4.3 Subject to the other provisions of these conditions the Company shall not be liable for any direct, indirect or consequential loss (all three of which terms include, without limitation, pure economic loss, loss of profits, loss of business, depletion of goodwill and similar loss), costs, damages, charges or expenses caused directly or indirectly by any delay in the delivery of the Goods (even if caused by the Company's negligence), nor shall any delay entitle the Customer to terminate or rescind the Contract unless such delay exceeds 90 days. The Customer shall provide at the Delivery Point and at its expense adequate and appropriate equipment and manual labour for loading the Goods.
- 4.4 The Company may deliver the Goods by separate instalments. Each separate instalment shall be invoiced and paid for in accordance with the provisions of the Contract.
- 4.5 Each instalment shall be a separate Contract and no cancellation or termination of any one Contract relating to an instalment shall entitle the Customer to repudiate or cancel any other Contract or instalment.

### 5. NON-DELIVERY

- 5.1 The quantity of any consignment of Goods as recorded by the Company on despatch from the Company's place of business shall be conclusive evidence of the quantity received by the Customer on delivery unless the Customer can provide conclusive evidence proving the contrary.
- 5.2 The Company shall not be liable for any non-delivery of Goods (including shortage in quantity of Goods delivered) (even if caused by the Company's negligence) unless the Customer gives written notice to the Company of the non-delivery or shortage in quantity within three days of the date when the Goods would in the ordinary course of events have been received or in the case of a shortfall in quantity the remaining Goods have been received.
- 5.3 Any liability of the Company in relation to this clause 5 shall be limited to replacing the non delivered Goods within a reasonable time or issuing a credit note at the pro rata Contract rate against any invoice raised for such Goods.

### 6. RISK/TITLE

- 6.1 The Goods are at the risk of the Customer from the time of delivery.
- 6.2 Ownership of the Goods shall not pass to the Customer until the Company has received in full (in cash or cleared funds) all sums due to it in respect of:
- (a) the Goods; and
  - (b) all other sums which are or which become due to the Company from the Customer on any account.
- 6.3 Until ownership of the Goods has passed to the Customer, the Customer shall:
- (a) hold the Goods on a fiduciary basis as the Company's bailee;
  - (b) store the Goods (at no cost to the Company) separately from all other goods of the Customer or any third party in such a way that they remain readily identifiable as the Company's property;
  - (c) not destroy, deface or obscure any identifying mark or packaging on or relating to the Goods; and
  - (d) maintain the Goods in satisfactory condition and keep them insured on the Company's behalf for their full price against all risks to the reasonable satisfaction of the Company. On request the Customer shall produce the policy of insurance to the Company.
- 6.4 The Customer's right to possession of the Goods shall terminate immediately if:
- (a) the Customer has a bankruptcy order made against him or makes an arrangement or composition with his creditors, or otherwise takes the benefit of any statutory provision for the time being in force for the relief of insolvent debtors, or (being a body corporate) convenes a meeting of creditors (whether formal or informal), or enters into liquidation (whether voluntary or compulsory) except a solvent voluntary liquidation for the purpose only of reconstruction or amalgamation, or has a receiver and/or manager, administrator or administrative receiver appointed of its undertaking or any part thereof, or documents are filed with the court for the appointment of an administrator of the Customer or notice of intention to appoint an administrator is given by the Customer or its directors or by a qualifying floating charge holder (as defined in paragraph 14 of Schedule B1 to the UK Insolvency Act 1986), or a resolution is passed or a petition presented to any court for the winding-up of the Customer or for the granting of an administration order in respect of the Customer, or any proceedings are commenced relating to the insolvency or possible insolvency of the Customer; or
  - (b) the Customer suffers or allows any execution, whether legal or equitable, to be levied on his/its property or obtained against him/it, or fails to observe or perform any of his/its obligations under the Contract or any other contract between the Company and the Customer, or is unable to pay its debts within the meaning of section 123 of the Insolvency Act 1986 or the Customer ceases to trade; or
  - (c) the Customer encumbers or in any way charges any of the Goods.
- 6.5 The Company shall be entitled to recover payment for the Goods notwithstanding that ownership of any of the Goods has not passed from the Company.
- 6.6 The Customer grants the Company, its agents and employees an irrevocable licence at any time to enter any premises where the Goods are or may be stored in order to inspect them, or, where the Customer's right to possession has terminated, to recover them.
- 6.7 Where the Company is unable to determine whether any Goods are the goods in respect of which the Customer's right to possession has terminated, the Customer shall be deemed to have sold all goods of the kind sold by the Company to the Customer in the order in which they were invoiced to the Customer.
- 6.8 On termination of the Contract, howsoever caused, the Company's (but not the Customer's) rights contained in this condition 6 shall remain in effect.

### 7. PRICE

- 7.1 Unless otherwise agreed by the Company in writing, the price for the Goods shall be the price set out in the Company's price list published on the date of delivery or deemed delivery.
- 7.2 The price for the Goods shall be exclusive of any value added tax
- 7.3 Our catalogue, price lists and website contain a large number of products. It is always possible that, despite our reasonable efforts, some of the products may be incorrectly priced. If we discover an error in the price of any product you have ordered we will inform you of this error as soon as possible and we will give you the option of continuing to purchase the product at the correct price or cancelling your order.

### 8. PAYMENT

- 8.1 Subject to condition 8.4, payment of the price for the Goods is due in full within terms notified.
- 8.2 Time for payment shall be of the essence.
- 8.3 No payment shall be deemed to have been received until the Company has received cleared funds.
- 8.4 All payments payable to the Company under the Contract shall become due immediately on its termination despite any other provision.
- 8.5 The Customer shall make all payments due under the Contract in full without any deduction whether by way of set-off, counterclaim, discount, abatement or otherwise unless the Customer has a valid court order requiring an amount equal to such deduction to be paid by the Company to the Customer.
- 8.6 If the Customer fails to pay the Company any sum due pursuant to the Contract, the Company reserves the right to claim interest under the provisions of the Late Payment of Commercial Debts (Interest) Act 1998.



**9. QUALITY**

- 9.1 The Company warrants that (subject to the other provisions of these conditions) on delivery and for a period of 12 months from the date of delivery the Goods shall be of satisfactory quality within the meaning of the Sale of Goods Act 1979
- 9.2 The Company shall not be liable for a breach of the warranty in condition 9.1 unless:
- the Customer gives written notice of the defect to the Company, and, if the defect is as a result of damage in transit to the carrier, within 3 days of the time when the Customer discovers or ought to have discovered the defect; and
  - the Company is given a reasonable opportunity after receiving the notice of examining such Goods and the Customer (if asked to do so by the Company) returns such Goods to the Company's place of business at the Company's cost for the examination to take place there.
- 9.3 The Company shall not be liable for a breach of the warranty in condition 9.1 if:
- the Customer makes any further use of such Goods after giving such notice; or
  - the defect arises because the Customer failed to follow the Company's oral or written instructions as to the storage, installation, commissioning, use or maintenance of the Goods or (if there are none) good trade practice; or
  - the Customer alters or repairs such Goods without the written consent of the Company.
- 9.4 Subject to condition 9.2 and condition 9.3, if any of the Goods do not conform with the warranty in condition 9.1 the Company shall at its option repair or replace such Goods (or the defective part) or refund the price of such Goods at the pro rata Contract rate provided that, if the Company so requests, the Customer shall, at the Company's expense, return the Goods or the part of such Goods which is defective to the Company.
- 9.5 If the Company complies with condition 9.4 it shall have no further liability for a breach of the warranty in condition 9.1 in respect of such Goods.
- 9.6 Any Goods replaced shall belong to the Company and any repaired or replacement Goods shall be guaranteed on these terms for the unexpired portion of the 12 month period.
- 9.7 Under no circumstances will charges for any repair or remedial work, including labour cost or equipment hire, be accepted without prior written consent and agreement from Ansell.
- 10. LIMITATION OF LIABILITY**
- 10.1 All warranties, conditions and other terms implied by statute or common law (save for the conditions implied by section 12 of the Sale of Goods Act 1979) are, to the fullest extent permitted by law, excluded from the Contract.
- 10.2 Nothing in these conditions excludes or limits the liability of the Company:
- for death or personal injury caused by the Company's negligence; or
  - for any matter which it would be illegal for the Company to exclude or attempt to exclude its liability; or
  - for fraud or fraudulent misrepresentation.
- 10.3 Subject to condition 10.1:
- the Company's total liability in contract, tort (including negligence or breach of statutory duty), misrepresentation, restitution or otherwise, arising in connection with the performance or contemplated performance of the Contract shall be limited to the Contract price; and
  - the Company shall not be liable to the Customer for loss of profit, loss of business, or depletion of goodwill in each case whether direct, indirect or consequential, or any claims for consequential compensation whatsoever (howsoever caused) which arise out of or in connection with the Contract.
- 11. ASSIGNMENT**
- 11.1 The Company may assign the Contract or any part of it to any person, firm or company.
- 11.2 The Customer shall not be entitled to assign the Contract or any part of it without the prior written consent of the Company.
- 12. FORCE MAJEURE**
- The Company reserves the right to defer the date of delivery or to cancel the Contract or reduce the volume of the Goods ordered by the Customer (without liability to the Customer) if it is prevented from or delayed in the carrying on of its business due to circumstances beyond the reasonable control of the Company including, without limitation, acts of God, governmental actions, war or national emergency, acts of terrorism, protests, riot, civil commotion, fire, explosion, flood, epidemic, lock-outs, strikes or other labour disputes (whether or not relating to either party's workforce), or restraints or delays affecting carriers or inability or delay in obtaining supplies of adequate or suitable materials, provided that, if the event in question continues for a continuous period in excess of 90 days, the Customer shall be entitled to give notice in writing to the Company to terminate the Contract.
- 13. GENERAL**
- 13.1 Each right or remedy of the Company under the Contract is without prejudice to any other right or remedy of the Company whether under the Contract or not.
- 13.2 If any provision of the Contract is found by any court, tribunal or administrative body of competent jurisdiction to be wholly or partly illegal, invalid, void, voidable, unenforceable or unreasonable it shall to the extent of such illegality, invalidity, voidness, voidability, unenforceability or unreasonableness be deemed severable and the remaining provisions of the Contract and the remainder of such provision shall continue in full force and effect.
- 13.3 Failure or delay by the Company in enforcing or partially enforcing any provision of the Contract shall not be construed as a waiver of any of its rights under the Contract.

- 13.4 Any waiver by the Company of any breach of, or any default under, any provision of the Contract by the Customer shall not be deemed a waiver of any subsequent breach or default and shall in no way affect the other terms of the Contract.
- 13.5 The parties to the Contract do not intend that any term of the Contract shall be enforceable by virtue of the Contracts (Rights of Third Parties) Act 1999 by any person that is not a party to it.
- 13.6 The formation, existence, construction, performance, validity and all aspects of the Contract shall be governed by the law appropriate to the country of residence of the Ansell company supplying the goods and the parties submit to the exclusive jurisdiction of the relevant courts.
- 14. COMMUNICATIONS**
- 14.1 All communications between the parties about the Contract shall be in writing and delivered by hand or sent by pre-paid first class post, sent by fax or Email:
- (in case of communications to the Company) to its registered office and copied (if different from the Company's principal place of business as shown on the invoice rendered by the Company for the Goods) to said principal place of business or such changed address as shall be notified to the Customer by the Company; or
  - (in the case of the communications to the Customer) to the registered office of the addressee (if it is a company) or (in any other case) to any address of the Customer set out in any document which forms part of the Contract or such other address as shall be notified to the Company by the Customer.
- 14.2 Communications shall be deemed to have been received:
- if sent by pre-paid first class post, two days (excluding Saturdays, Sundays and bank and public holidays) after posting (exclusive of the day of posting); or
  - if delivered by hand, on the day of delivery; or
  - if sent by fax on a working day prior to 4.00 pm, at the time of transmission and otherwise on the next working day.
- 15. ORDER VALUE**
- 15.1 Please contact the Ansell Sales Office for value of carriage paid orders.
- 16. PURCHASE ORDERS**
- 16.1 Written and priced orders will only be accepted.
- 17. DIRECT DELIVERIES**
- 17.1 Ansell are unable to accept any liability for lost or misplaced goods once they have been delivered with a clear signature at a specified direct delivery address.
- 18. GOODS FOR RETURN**
- 18.1 Under no circumstances may goods be returned without a documented authorisation number from Ansell sales office. Unauthorised returns will not be accepted. Goods will only be accepted for the stated reason.
- 18.2 The documented authorisation numbers from Ansell sales office will only be valid for 28 days after being issued and goods returned outside this period may be refused.
- 18.3 Ansell will make every effort to issue a credit note for returned goods within 28 days of receiving the goods. If a credit note has not been issued within this 28 day period it is the responsibility of the customer to investigate such outstanding credits with Ansell in a timely manner.
- 18.4 All faulty goods returned are inspected and tested. Any found to be in perfect working order will be returned and re-invoiced, together with any applicable carriage charges.
- 18.5 Goods purchased within a twelve week period and no longer required, might be accepted for return at the discretion of Ansell. Upon authorisation, it is the responsibility of the customer to return the consignment, ensuring that the goods are in full working order and in a re-saleable condition. Products and product boxes that are damaged (including transit damage), defaced or with broken seals will not be accepted for return and it is the responsibility of the customer to ensure compliance.
- 18.6 Products with remote or integral emergency cannot be accepted for return under any circumstances.
- 19. PRODUCTS MADE TO ORDER**
- 19.1 Orders for specials ie variations to standard products or products not defined as stock items, are ordered and supplied on a strictly non-returnable basis.
- 19.2 Non-cancellable order basis. Under no circumstances will the company accept returns in full or partial quantities.
- 20. SPECIFICATION**
- 20.1 It is the responsibility of the purchaser to ensure that any product selected is suitable and / or applicable for the intended installation.
- 21. COPYRIGHT**
- 21.1 All products, names, drawings and descriptions may not be reproduced in any form whatsoever without prior written consent from Ansell.
- 22. PROTECTION OF PERSONAL DATA**
- 22.1 The Company and the Customer undertake to comply with Regulation (EU) 2016/679 of the European Parliament and of the Council of 27 April 2016 on the protection of natural persons with regard to the processing of personal data and repealing Directive 95/46/EC (General Data Protection Regulation) OJ L 119/1, 4.5.2016 (and any successor legislation).

# Warranty Information

585

## WARRANTY AND PERIOD

Ansell Lighting warrants only to the original end user that the products and parts manufactured will be free from defects in material and workmanship for the warranty period. The warranty period is determined commencing upon date of invoice to the end user or, if the end user cannot provide proof of invoice, then the dispatch date from Ansell Lighting.

Emergency product warranty period will be determined solely by the battery warranty period (not the warranty period of any non-emergency equivalent). The battery warranty period is determined by the specific battery code, noted on all batteries.

LED warranty period is based on an average operating usage of eight hours per day and applies where failures exceed a component manufacturers expected failure rate and lumen depreciation.

## CLEARANCE PRODUCTS

Those products which appear in the clearance section of <https://ansellonline.com/> will automatically be subject to 12 months warranty, regardless of the previously advertised warranty period.

## PRODUCTS WITH BATTERIES

Ansell Lighting emphasises that the recommended minimum operating temperature for any product with batteries is 0°C, excluding our dedicated Cold Store products. Be advised that any products installed in ambient temperatures lower than 0°C will not be covered under warranty.

## ANSELL LIGHTING OBLIGATION UNDER WARRANTY

Ansell Lighting's sole obligation under the warranty, shall be to repair or provide replacement product(s) during the warranty period. Ansell Lighting does not assume responsibility for delays in replacement or repair of products or parts. Products and parts repaired or replaced by Ansell Lighting under warranty, shall be warranted for the balance of the original warranty period.

## DISCLAIMER OF ALL OTHER WARRANTIES

No other warranties, expressed or implied, are given, and Ansell Lighting expressly disclaims all other warranties, including and without limitation, the implied warranties of merchantability and fitness for purpose.

## LIMITATIONS

No salesperson, representative, distributor or agent of Ansell Lighting, is authorised to make any guarantee, warranty, or representation that contradicts the terms contained in this Limited Warranty. Any Waiver, alteration, addition, or modification to the warranties contained herein must be in writing and signed by an authorised representative of Ansell Lighting to be binding and enforceable. Ansell Lighting does not assume responsibility for any specific application to which any products or parts of products are applied including, but not limited to, compatibility with other products. Ansell Lighting will not accept any responsibility or warrant any product that has been tampered with or has been changed, altered or wrongly installed. All statements, technical information, or recommendations relating to the products or parts issued by Ansell Lighting are based upon tests believed to be reliable, but do not constitute a guarantee or warranty. Ansell Lighting shall not under any circumstances be liable to any party for loss of profits, loss of goodwill, or any other special, consequential, or incidental damages whatsoever, with respect to any claim in connection with products or parts manufactured by Ansell Lighting or products or parts used in any product or products manufactured by Ansell Lighting

## EXCLUSIONS TO THE WARRANTY

The limited warranty shall be null and void in the following circumstances :-

1. Modification or repair of any covered product or part by the installer, end user or any non-authorised Ansell Lighting service provider
2. Improper use or installation, failure to conduct regular maintenance or cleaning, or damage by accident or neglect, of any covered product or part by the end user or any third party. In particular, all AISI316L stainless steel products must be cleaned with the Ansell cleaning kit ASSCK every three months to keep the features of the product unaltered.
3. Failure by the installer, end user or any third party to exercise caution to protect any covered product or part from outside damage, adverse temperature (normal operating ambient temperature 0 - 25°C), humidity conditions, fluctuations in the electrical system or physical abuse as well as failure related to workmanship in the installation of the product or parts.
4. Ansell Lighting will not assume responsibility for corrosion or other resulting damage to products where they are installed in areas in which fertilizer or chemicals are present, either in the air or in the soil or where products are installed near to chemical plants etc., or areas with emissions of heavy polluted air.
5. Failure of supplied lamps: all lamps have a manufacturers average lamp life and can fail before or after the prescribed average. Lamp life is reduced by switching cycles, temperature and voltage fluctuations outside of their operational range.
6. It is essential that the battery packs within all emergency luminaires are replaced after a four year period. All emergency luminaires must be tested in accordance with BS EN 5266-8-2004. Increased frequency of emergency testing may result in the premature replacement of battery pack before the standard four year period. Batteries are supplied with a 24 month warranty only.



## Notes

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## Notes

587

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## Notes

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#### **Ansell Lighting Innovation and Design Office**

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#### **Ansell Lighting Dublin**

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#### **Ansell Electrical Products Spain**

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28004

#### **Ansell Lighting**

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#### **Department Direct Contacts**

Lighting Design  
T: 01942 433 537

Accounts  
T: 01942 433 335

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T: 01942 433 331

## **Want to see our trade prices?**

Use the code below to  
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LIGHTING CORP.

**www.ansell-lighting.com**