

Kosnic

E V O L V E



New age of lighting

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ECO Ethos @ Kosnic for a greener planet

Our planet is currently facing many environmental challenges, such as global warming, climate change, air/water/soil pollution, and overwhelmed waste disposals. Over the last few decades, the exploitation of our planet and degradation of our environment has risen at an alarming rate. It is now more urgent than ever for every one of us to take necessary actions to protect our planet and our children's future.

At Kosnic, we are playing our part through our innovations and enhancements in product design, manufacturing and services.

Manufacturing and supply chain control

As a long-established lighting manufacturer (since 1995), Kosnic has in-depth knowledge and control over our design and manufacturing processes as well as our supply chain of components. In recent years, we've made great efforts and investments to enhance our manufacturing facilities and processes to minimise our environmental and social impact. We have also strengthened our IQC process to ensure all our components and third-party products are fully compliant with local environment legislations EU ROHS/REACH directives.

Eco design and innovations

Emergency solution with lithium batteries

Kosnic is one of the earliest companies to produce LED emergency conversion modules with Lithium batteries. In 2021, Kosnic has completely removed environmentally harmful Ni-Cad batteries from our product ranges.

Modular luminaires - Minimising plastic and EEE waste

Modular design does not just provide the user with flexibility, but also allows easier repairs and upgrades with minimum waste. In 2011 Kosnic launched their first modular LED bulkhead, to include our patented LED DD module and plug-in emergency module.



Modular design

This Logo applies to all products that contain detachable functional modules such as emergency modules, LED engines and Sensors.

Higher energy efficiency

As one of the earliest LED lighting manufacturers in UK, over the years we have been continuously improving our products energy efficiency, such as the new Nimbus III LED High bay which achieves energy efficiency of 160lm/W



Ultra high efficiency

This Logo applies to all products that have an energy efficiency of 120lm/W or higher



CIRC4Life

A circular economy approach for lifecycles of products and services
A project under EU Horizon 2020 research and innovation programme

CIRC4Life ("A circular economy approach for lifecycles of products and services") is an international collaborative innovation project supported by the European Commission's H2020 Circular Economy programme. The project consortium consists of 17 partners across 8 EU countries.

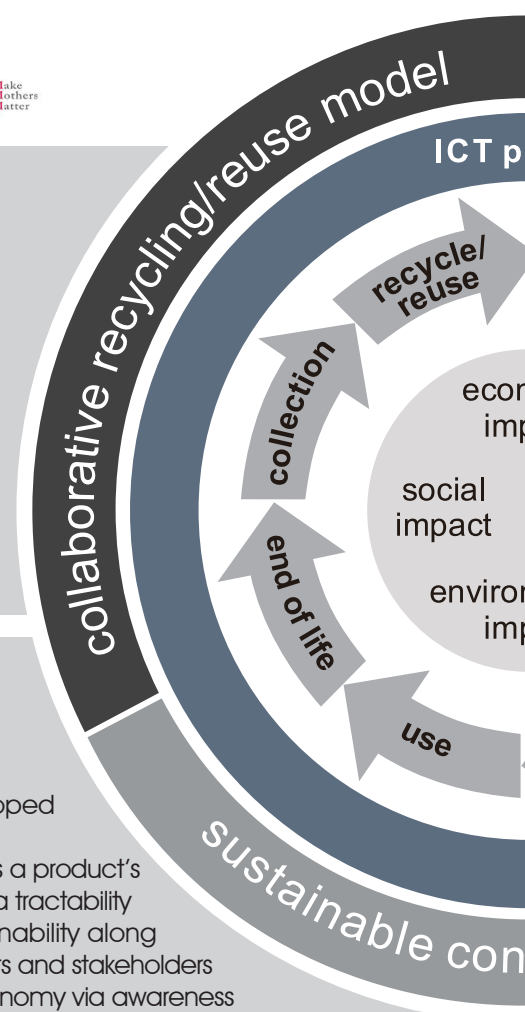
The project budget amounts to €7,228,773 which includes a €6,294,033 grant from the European Commission. This three-year project (which will run from May 2018 until April 2021) aims to develop and implement a circular economy approach for sustainable products and services through their value and supply chains.

The new circular economy business models will be demonstrated on a large scale in four industrial areas: domestic and industrial lighting products, vegetable farming and food, meat supply chain, and recycling and reuse of computer tablets. An ICT platform will be created to support the development, implementation, demonstration, and communication of the project.



A collaborative Recycling/Reuse model including a system for stakeholders to interact with each other in order to facilitate the recycling/reuse of end-of-life products and reduce waste. An eco-credits reward scheme to encourage people to recycle/reuse will also be implemented in this business model.

Kosnic's approach is to develop a modular luminaire allowing key functional modules such as Drivers, Emergency Gear, LED engines and optics that can be replaced with minimum effort. This extends the overall product life and minimises waste produced. An innovative leasing service business model will include product take-back at the end of contract. This will give us the chance to either refurbish or recycle the materials, helping to minimise waste to the landfill.



Horizon 2020 is the biggest EU Research and Innovation programme ever with nearly €80 billion of funding available over 7 years (2014 to 2020) – in addition to the private investment that this money will attract. It promises more breakthroughs, discoveries and world-firsts by taking great ideas from the lab to the market.

This project has received funding under the European Union's Horizon 2020 research and innovation programme under Grant agreement No.776503



www.circ4life.eu

A sustainable consumption model

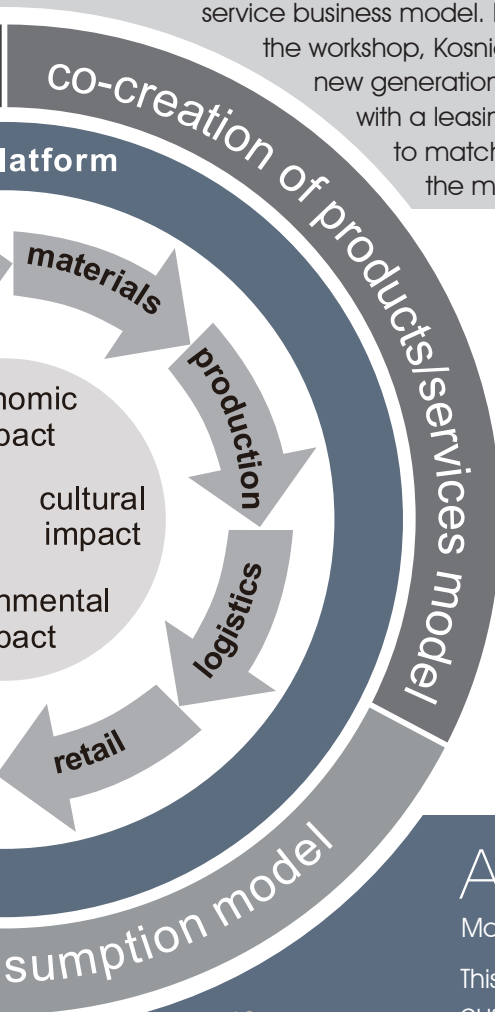
in which a method to calculate the eco-points of products will be developed based on the outcome of the FP7 myEcoCost project. This aims to assess a product's environmental footprint (PEF), provide a tractability solution to monitor a product's sustainability along the value chain, and support end-users and stakeholders to actively implement the circular economy via awareness raising and knowledge sharing activities.

Kosnic's objective is to maximise the life and energy efficiency of our lighting products, therefore reducing our luminaires ECO points. (ECO points are calculated through LCA methodology. The higher the ECO points, the higher the impact to the environment).

Co-creation of Products and Services model

which will bring end-users closer to the design and manufacturing phases by identifying consumer preferences. These will be identified via big-data online mining of product reviews and evaluating product specifications/prototypes via Living Lab activities to include end-user requirements. Benefiting from the co-creation features, sets of sustainable production methods will be implemented, and new products/services will be created.

Kosnic's Co-creation workshop took place at the LIA (Lighting Industry Association) in May 2019. Volunteers from various sectors of the UK electrical industry attended this two-day workshop, and using their rich experience and vast industrial insight, they helped to contribute to the design of our modular industrial luminaire. There was also comprehensive discussion on the feasibility and various potential implementation methods of a lighting leasing service business model. Based on the outcome of the workshop, Kosnic has worked to develop a new generation of industrial LED luminaires, with a leasing service business model to match, which will be deployed to the market.



Kosnic Lighting & CIRC4Life

It has always been at the core of Kosnic's values to develop and produce environmentally friendly lighting products with extra-long life and higher energy efficiency. Under the scope of this project, we have been given great support to perform comprehensive assessments on the environmental impact of our products, and therefore the scope to make necessary improvements.

Kosnic is a member of the project consortium as an industrial partner and demonstrator, representing the industrial lighting market sector. We have been tasked with the creation of a modular industrial luminaire and leasing service business model to offer improved sustainability by implementing and embracing the new CEBMs (Circular Economy Business Models).

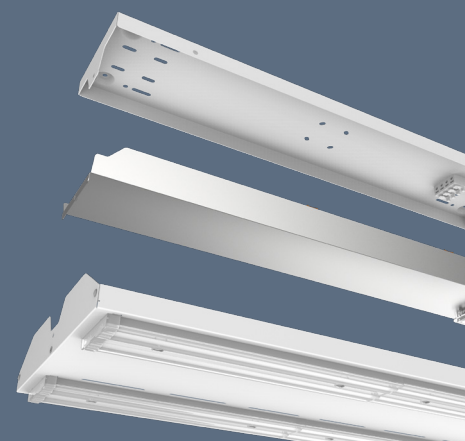
Arcus II

Modular LED low bay with high efficiency

This new generation of LED luminaire comprises customisable functional modules:

- Plug-in drivers
- Plug-in motion and daylight sensor
- Plug-in Emergency module
- Various option of optic lens

See page 174 for details





About Us

Since our inception in 2004, Kosnic Lighting has rapidly become a leading designer, manufacturer and established expert in emergency lighting, luminaires, LED lamps and bespoke lighting solutions.

With a product portfolio of over 1000 lines, our Luminaires, modules and LED lamps are widely recognised amongst the most cutting-edge, reliable and wide-ranging products on the market. Serving residential, commercial and public sector lighting requirements, Kosnic delivers quality, cost-effective and environmentally responsible LED lighting solutions.

An independent British company, Kosnic Lighting's headquarters are in Newbury, Berkshire, with manufacturing bases located in the UK and China. In addition, Kosnic has a dedicated research laboratory, the Kosnic Technology Centre based in Shanghai, dedicated to advancing lighting controls, emergency lighting and the cost-saving potential of LED technology for our customers.

Dedicated to Design, Manufacture and Distribution

LED technology is revolutionarily changing the lighting industry. With our own dedicated research laboratory, the Kosnic Technology Centre in Shanghai, we are able to drive the transformation in LED technology and develop new production methods.

KTC engineers with extensive experience in lighting design, electronics, heat management and manufacturing process collaborate on the development of LED lamps, luminaires and control gears.

We are completely unique as a UK based lighting company in complete control of the supply chain from design, specification, manufacture, import and distribution. By specifying all of our own components, it gives us fantastic quality and flexibility ahead of the competition.

At Kosnic, we aim to anticipate the future needs of our customers. As well as remaining at the forefront of LED innovation, that means offering the very highest standards of service to all customers.

We're known for our friendliness and the fact that we aim to give our customers a personal, engaging service.

Export

In 2010, our Export department was created. As a result, we now have over 50 distributors in more than 20 Countries in 4 Continents – all of whom are looked after by a dedicated team.

Due to growing success, Kosnic France was then created in 2015 to better serve customers in France and other French speaking countries.

We are always interested in finding new business partners and expanding our network of overseas distributors. If you are interested in representing our product, we would like to hear from you.



Warehouse

Our warehouse has trebled in capacity over recent years to 35,000 square feet. This allows us to ensure that most deliveries can be despatched on the same day that the order is placed.

We also reuse and recycle packaging wherever possible, to ensure nothing is wasted.

Customer Service

At Kosnic Lighting our customers are important to us. Our dedicated Customer Service Team is available Mon-Fri to help with any queries you may have, from our order processing team who ensure your orders are processed on time and to help with any queries you might have, right through to our Returns Team who are ready to resolve any issues.

Sales Team and Business Development Managers

Our Business Development Managers are dedicated to providing all the information you might need to help promote the Kosnic Lighting range. We help our customers sell quality products at the best prices.

Showroom & Meeting Rooms

Since 2015 our showroom facility has been demonstrating the latest in Kosnic LED technology. The sleek design shows off fully working products to highlight every feature. The showroom is continually being updated to reflect every evolving catalogue, Kosnic wants to ensure that visitors don't miss out. As well as the advanced showroom Kosnic offer a variety of meeting rooms, including a large boardroom.

Our showroom and meeting room facilities are for our distributors and wholesalers looking to host sales events, technical training or simply to see what is possible through LED lighting. To find out more about booking the venue or visiting the showroom please contact your local sales representative or contact the sales office.

Email: marketing@kosnic.com
Tel: 01635 523 713



Conference room



Showroom

Project & Specification

At Kosnic, the design, development and manufacture of low energy LED solutions is our business. So is helping our customers think about their lighting and how it can help combat ever increasing energy prices, reduce energy consumption and lower carbon emissions.

Lighting will typically account for around 25% to 40% of a buildings energy usage, Kosnic LED lighting can dramatically reduce this, using between 50% and 90% less energy than traditional lamp types such as halogen, fluorescent or filament.

What We Do

Services available to you include:

- Client liaison, site surveys and on-site commissioning
- Cost of ownership calculations
- Lighting design schemes
- Technical support
- Sales tools and product selection advice

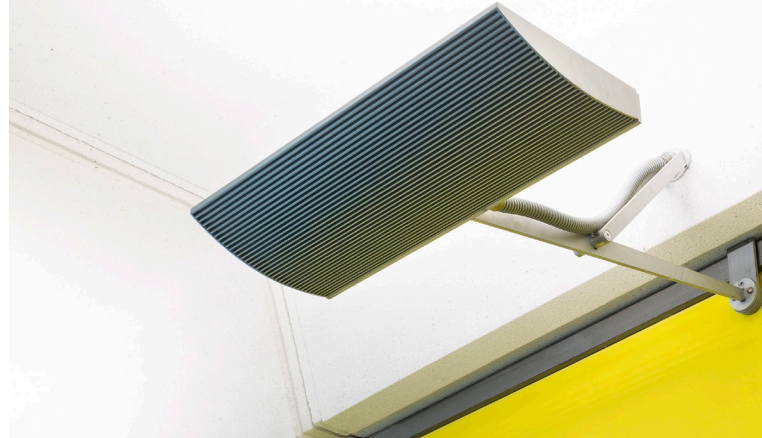
Working closely with our Wholesale and Distribution partners, our aim is to help you build a compelling business case to persuade customers of the benefits of switching to a Kosnic LED solution.



Kosnic's Project Team can create a lighting scheme for your clients using Industry recognised RELUX software.

Image 1: False colour rendering

Image 2: Visual 3D render



Client Liaison, site surveys and on-site commissioning

To enable us to build a picture of the project, provide accurate replacement models and cost saving calculations, we require information such as the type of lamps currently being used, quantities involved, working areas and usage. Depending on the complexity and scale of the project, we will visit the premises to conduct a site survey. We are also happy to provide training and help setting up a selection of our sensors and controls on-site.

Cost Of Ownership Calculations

After conducting a site survey, we will prepare a detailed cost analysis to present to both you and the client. Our cost of ownership calculator highlights the key comparisons between existing lamps and the proposed Kosnic LED replacement, showing the overall annual spend reduction, kWh reduction, CO2 emission reduction and payback period. Whatever the size of the project, helping secure the clients approval is our aim.

Lighting Schemes

At Kosnic, our technical expertise and experience within the lighting industry allows us to develop lighting schemes that are as positive for people as they are sustainable for the environment and for business.

The Project Team can create a lighting scheme for your clients using industry recognised RELUX software. Once the design criteria such as room dimensions, ceiling height and working area have been established, we can present a professional 3D design visual back to the client.

This can even include elements such as work surfaces, tables, windows and chairs.

Of course, if you already have an in-house lighting design team, we are happy to work alongside you and provide the necessary specification and photometric data required.

Relux

In 2015, Kosnic Lighting entered into a new partnership with Relux Informatik AG Switzerland, the international lighting planning software expert. Kosnic's lighting solutions are now featured on the Relux platform to assist the industry in its lighting planning.

For more information on any of the above email project@kosnic.com

E-catalogue

Think about using our e-catalogue to help use less paper 

- **Scan the below QR code**

to take you straight to our easy to view e-catalogue

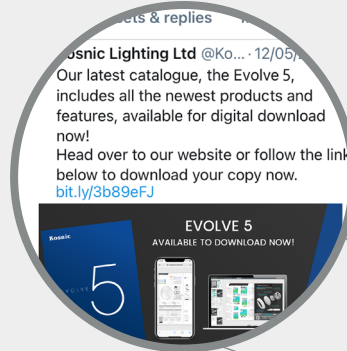
- **Social media outlets**

Follow us on our social media outlets then head to our homepage to click on the e-catalogue link

- **Visit our website**

kosnic.com

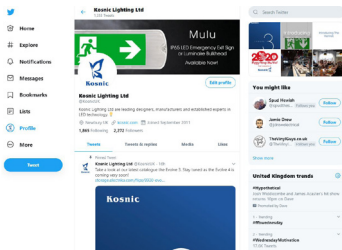
click on the catalogue link to view our latest catalogue in the easy to view flipbook



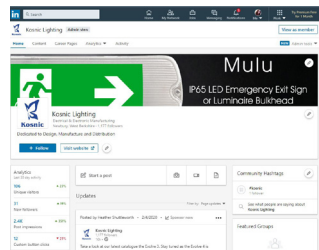
#KosnicLighting



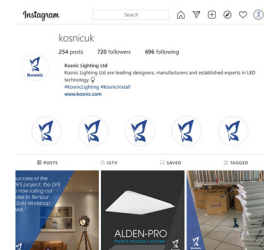
Follow us on Twitter to see our latest events and news.



Connect with us on LinkedIn to read our latest industry news and product articles.



Follow us on Instagram for the latest updates and Kosnic Installations.



Keep up to date with the latest news, events, videos & much more by following our accounts:



Warranties*

Emergency

All emergency modules and fittings have a 3 year warranty

3 Years
Standard warranty

5 Years
Extended warranty

4 Years
Battery Standard
warranty

To extend the warranty, just fill in an application form, which can be found on our website.

Luminaire (standard warranty)

All our luminaires have 3 year or 5 year standard warranty

3 Years
Standard warranty

5 Years
Standard warranty

Luminaire (extended warranty)

5 Years
Extended warranty

7 Years
Extended warranty

10 Years
Extended warranty

To extend the warranty, just fill in an application form, which can be found on our website.

Lamps

All our LED lamps come with a minimum 2 years warranty.

2 Years
Standard warranty

3 Years
Standard warranty

5 Years
Standard warranty













This is then extended to 3 years for LED lamps stating an average life of 30,000h.

To apply for an extended warranty simply visit our website kosnic.com/extended-warranty














full warranty policy at the back of catalogue

Icon guide

Product features









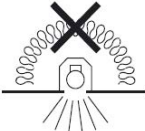



 DALI & 1-10V(0-10V) Dimmable Options	 50mm Cut-out	 60 minutes Fire rating	 110V Input voltage	 110-240V Input voltage
 3 Years Standard Warranty	 5 Years Standard Warranty	 5 Years Extended Warranty	 7 Years Extended Warranty	 10 Years Extended Warranty
 1000V Surge Protection	 2000V Surge Protection (L to GND)			

Modular and Multi-setting

 Built-in emergency	 Plug-in emergency	 Add-on emergency			
 Built-in motion sensor	 Plug-in On/Off sensor	 Plug-in Corridor sensor	 Add-on sensor	 Dusk to dawn sensor	
 CCT switching	 Wattage switching	 Interchangeable ring	 Flicker free	 Battery warranty	

Common industry standard symbols

Can be found on datasheets, products and product packaging.

 Class I Luminaires with Earth Connection	 Class II Luminaires with Double Insulation	 Class III Luminaires with Supply of Safety Extra Low Voltage (SELV)	 Suitable for internal use only	 Suitable for external use only	 Suitable for internal and external use
 Weeee - recycling	 Safety Extra Low Voltage (SELV)	 Do not cover with insulation	 Do not stare at light source	 Independent lamp control gear	 CE Marking

Contents

1

Control
P14

2

Emergency
P28

3

Panel &
Modular Luminaire
P60

4

Surface Luminaire
P74

5

Linear Luminaire
P102

6

Fire-rated &
Commercial Downlight
P132

7

Floodlight
P156

8

Street Light
P168

9

High Bay & Low Bay
P172

10

Amenity Exterior
Luminaire
P182

11

Retail & Display
P198

12

Worklight
P216

13

Pendant & Shade
P222

14

LED Commercial Lamp
P228

15

CFL Lamp
P264

16

Halo Lamp
P272

NEW Available
Sep 2021

Estimated available
time of new
products

SPEC LINE

Specification product,
lead time dependant by
quotation only.

*Cancellation fee of 25% applies after
1 week from order date

Upgrade
Sep 2021

Estimated available
time of upgraded
products

SEASONAL LINE

Product available from
October whilst stocks
last

New Products

Mauna PIR Sensor



P16

Zhaga Sensor



P17

Microwave Motion Sensor



P18

Side-Mount Motion Sensor



P19

UEM



P30

UEM



P31

Push-in Batten EME



P34

High Bay EME



P35

Neka



P48

Rydal



P64

Ossa-i



P87

Viso-i



P97

Milo II



P117

Volta III



P129

Mauna Plus Anti-glare



P138

Aliso



P144

Rhine II



P158

Ventas II



P160

Echo Pro



P179

Echo II



P180

Swimley



P184

Komi



P185

Daintree



P188

Darwin



P189

Dalby



P190

Forbury



P192

Tarkine Solar



P194

Tarkine



P195

LED DD
CCT switchable



P234

Tec Pro



P239

Multi-Setting Products

Switchable CCT

Ossa-i



3000K / 4000K / 5000K

Polo



3000K / 4000K / 5000K

Meola



3000K / 4000K / 6500K

Viso-i



3000K / 4000K / 5000K

Kabru



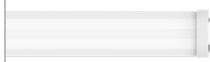
3000K / 4000K / 6500K

Lena



3000K / 4000K / 6000K

Niva II



3000K / 4000K / 6000K

Slim-Line II



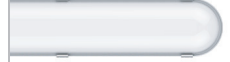
3000K / 4000K / 6000K

Kennet



3000K / 4000K / 6000K

Congo



3000K / 4000K / 6000K

Volta III



3000K / 4000K / 6000K

Mauna Plus Fixed



3000K / 4000K / 6000K

Mauna Plus Tilt



3000K / 4000K / 6000K

Mauna Plus Anti-glare



3000K / 4000K / 6000K

Mauna Pro



3000K / 4000K / 6000K

Telica Fixed



2700K / 4000K / 6500K

Telica Tilt



2700K / 4000K / 6500K

Napa



3000K / 4000K / 6000K

Ventas II



3000K / 4000K / 6500K

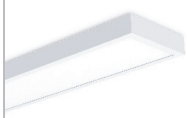
DD



2700K / 4000K / 6500K

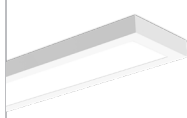
Switchable Wattage

Milo



23W / 28W (4ft)
30W / 40W (5ft)

Milo II



23W / 28W (4ft)
27W / 36W (5ft)

Avon III














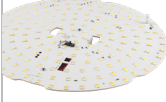
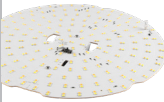
10W / 13W / 16W / 18W
20W / 26W / 32W / 36W
18W / 23W / 26W / 30W
34W / 44W / 52W / 60W
32W / 39W / 46W / 53W
34W / 44W / 52W / 60W

Havasu



80W / 100W / 120W / 150W
200W / 240W

Switchable CCT + Switchable Wattage

<p>Alden-Pro (595mm X 595mm)</p>  <p>3000K / 4000K / 6500K 27W / 36W</p>	<p>Alden-Pro (1195mm X 295mm)</p>  <p>3000K / 4000K / 6500K 27W / 36W</p>	<p>Alden-Pro (1195mm X 595mm)</p>  <p>3000K / 4000K / 6500K 54W / 72W</p>	<p>Nevis (595mm X 595mm)</p>  <p>3000K / 4000K / 5000K 23W / 28W</p>	<p>Kurve (595mm X 595mm)</p>  <p>3000K / 4000K / 5000K 30W / 40W</p>
<p>Blanca-i Pro</p>  <p>3000K / 4000K / 5000K 9W / 12W / 18W</p>	<p>Trent</p>  <p>3000K / 4000K / 6000K 20W / 25W / 30W / 35W (4ft) 27W / 34W / 41W / 48W (5ft) 35W / 44W / 53W / 62W (6ft)</p>	<p>Arno-Pro</p>  <p>3000K / 4000K / 6000K 18W / 32W (4ft) 36W / 48W (5ft) 45W / 60W (6ft)</p>	<p>Arno-Retro</p>  <p>3000K / 4000K / 6000K 18W / 32W (4ft) 36W / 48W (5ft) 45W / 60W (6ft)</p>	<p>Toba</p>  <p>3000K / 4000K / 6500K 10W / 15W / 18W</p>
<p>Faceta</p>  <p>3000K / 4000K / 5000K 6W / 10W 16W / 20W 22W / 26W</p>	<p>K2D Standard</p>  <p>3000K / 4000K / 5000K 9W / 12W / 18W</p>	<p>K2D Sensor</p>  <p>3000K / 4000K / 5000K 9W / 12W / 18W</p>		

Wattage and CCT in black are the default settings

1
Control



Mauna PIR Sensor 16



Zhaga Sensor 17



Microwave Motion Sensor 18



Side-Mount Motion Sensor 19



Recessed Motion Sensor 20



Remote control 21



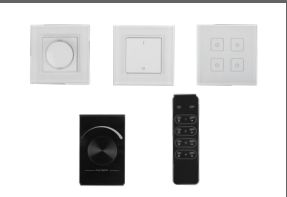
Dimmable Driver 22



EasyLINK RF Driver 25



EasyLINK RF Triac Dimmer 26



EasyLINK RF Wireless Switches 27

NEW Available Feb. 2022

Mauna PIR Sensor

Fire rated PIR sensor with interchangeable bezel

Magnetic bezel



Modular design

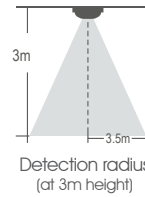


- ON/OFF control only
- Optional infrared remote control
- Front scene switch with 3 scene settings
- Interchangeable magnetic bezels with different finishes
 - Can be installed under Insulation layer
 - Compact size
 - IP65



70mm
Cut-out

Detection Range



- 30 Minutes**
I Joist
- 60 Minutes**
I Joist
- 90 Minutes**
Solid Joist

Interchangeable bezels



Order Code	Detection radius	Control Output	Cut-out	Trade Price
MAU-PIR	3.5m	ON/OFF	70mm	£40.37

Interchangeable bezels

Order Code	KPT-06DFBZ-BAS	KPT-06DFBZ-BLK	KPT-06DFBZ-WHT	KPT-06DFBZ-CHM	KPT-06DFBZ-SCH	KPT-06DFBZ-ABR
Trade Price	£3.68	£3.68	£3.48	£3.68	£3.68	£3.40
Order Code	KPT-06DFBZ-SBAS	KPT-06DFBZ-SBLK	KPT-06DFBZ-SWHT	KPT-06DFBZ-SCHM	KPT-06DFBZ-SSCH	KPT-06DFBZ-SABR
Trade Price	£5.11	£5.11	£5.11	£5.11	£5.11	£4.74

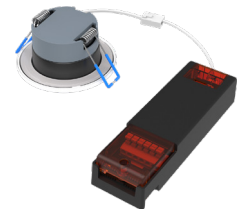
Accessories

Order Code	Description	Trade Price
RMT-UNI	Universal Remote Control	£20.50

- 5 Years** Standard Warranty
- 7 Years** Extended Warranty

Associated Products

- Mauna ⇨ P135
- Mauna Plus ⇨ P136
- Mauna Plus Anti-glare ⇨ P138
- Mauna Pro ⇨ P139



Scene switch accessible at the front of the fitting, under the magnetic bezel.



Remote Control

General Specification

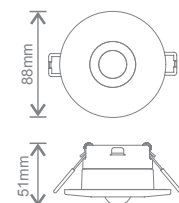
- Voltage 220-240Vac 50-60Hz
- Detection angle 120°
- Operation Temp -20°C to 40°C



Order Code

- MAU-PIR
KPT-06DFBZ-BAS
KPT-06DFBZ-BLK
KPT-06DFBZ-WHT
KPT-06DFBZ-CHM
KPT-06DFBZ-SCH
KPT-06DFBZ-ABR
KPT-06DFBZ-SBAS
KPT-06DFBZ-SBLK
KPT-06DFBZ-SWHT
KPT-06DFBZ-SCHM
KPT-06DFBZ-SSCH
KPT-06DFBZ-SABR

Dimensions



5 Years
Standard Warranty

7 Years
Extended Warranty

Recommended product



Arcus II P174



Echo Pro P179



Remote Control

General Specification

Voltage 12Vdc

Detection angle 150°

Transmitting power ≤0.5mW

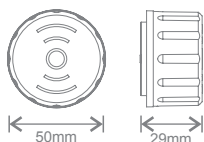
Operation Temp -35°C to 70°C



Order Code

MWS-ZGA

Dimensions



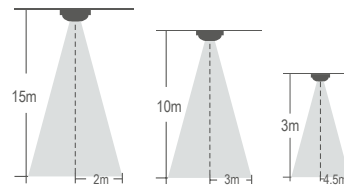
Zhaga Sensor NEW

Microwave sensor with zhaga connector

- Standard Zhaga connector
- Corridor function with dimming output
- Max mounting height of 15 meter
- Configure with remote control



Detection Range



Detection radius
(at 15m, 10m, 3m height)
Walking speed: 1m/s

	2m	3m	4.5m
100%	2m	3m	4.5m
75%	1.5m	1.5m	3m
50%	1m	1m	2m
25%	-	-	1.5m

Order Code	Max Height	Control Output	Trade Price
MWS-ZGA	15m	ON/OFF, Dimming (0-10V)	£41.14

Accessories

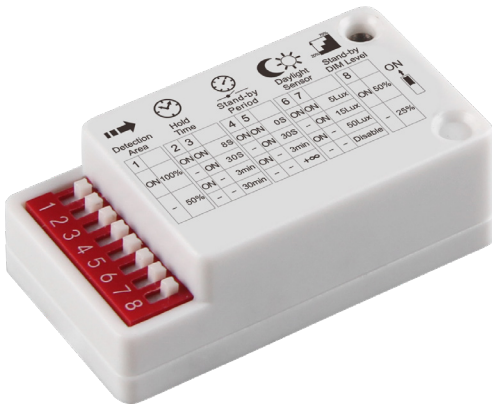
Order Code	Description	Trade Price
KPT-MWS-CON	Remote Control for Microwave Sensor	£53.16

On site commissioning available upon request

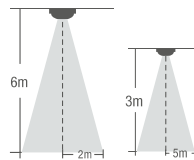
Microwave Motion Sensor

Plug in microwave motion and daylight sensor

- Optional corridor function
- Powered by low voltage 12V DC
- PWM (5V DC) control output
- Mounting height up to 6m
- Super compact design
- Sensor setting with DIP switch
- Easy install on a wide range of Kosnic products including selected integrated bulkheads, linear luminaires and low bays



Detection Range



Detection radius (at 6m and 3m height)
Walking speed: 1m/s

100%	2m	5m
50%	0.5m	1.5m

ON	1	
I	ON	100%
II	-	50%

Detection area

Detection area can be reduced by selecting the combination on the DIP switches to fit precisely each application.

ON	2	3	
I	ON	ON	8s
II	-	ON	30s
III	ON	-	3min
IV	-	-	30min

Hold time

Refers to the time period the lamp remains at 100% illumination after no motion detected.

ON	4	5	
I	ON	ON	0s
II	-	ON	30s
III	ON	-	3min
IV	-	-	+∞

Stand-by Period

This is the period which the light source will remain illuminated at the Stand-by Dim Level once presence has ended.

ON	6	7	
I	ON	ON	5Lux
II	-	ON	15Lux
III	ON	-	50Lux
IV	-	-	Disable

Daylight Sensor

The sensor can be set to prevent illumination when the ambient light is above the daylight threshold. When set to disabled, the sensor will switch the light on when presence is detected regardless of the ambient light level.

ON	8	
I	ON	50%
II	-	25%

Stand-by Dim Level

This is the lighting level for the Stand-by Period.

5 Years Standard Warranty

7 Years Extended Warranty

Recommended product

Surface Luminaire



- Blanca-i ↪ P80
- Blanca-i Pro ↪ P82
- Ossa-i ↪ P87
- Polo ↪ P91
- Viso-i ↪ P97

Linear Luminaire



- Lena ↪ P106
- Ano-Pro ↪ P112
- Kennet ↪ P115

General Specification

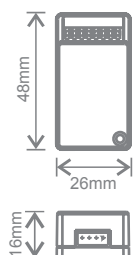
Voltage	12Vdc
Detection angle	150°
Transmitting power	≤0.5mW
Operation Temp	-35°C to 60°C



Order Code

KBTNLS1-MWS2

Dimensions



Order Code	Max Height	Control Output	Trade Price
KBTNLS1-MWS2	6m	ON/OFF, Dimming (PWM)	£24.20

5 Years
Standard Warranty

7 Years
Extended Warranty

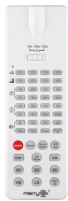
Recommended product



Mira P109



Arcus II P174



Remote Control

General Specification

Voltage 120-277Vac
50-60Hz

Detection angle 150°

Transmitting power ≤0.5mW

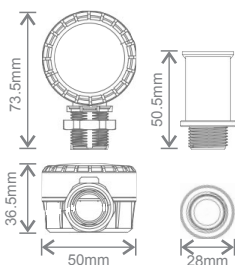
Operation Temp -35°C to 55°C



Order Code

MWS-SID

Dimensions



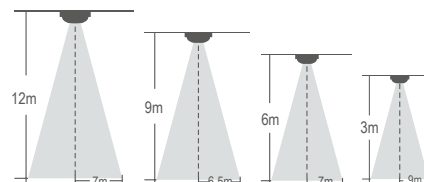
Side-Mount Motion Sensor NEW

Microwave motion sensor with optional remote control

- Automatic switching based on presence and ambient light sensing
- Easy to install on Kosnic LED battens and low bay
- Microwave & Light Sensor with Remote Control Setting
- Supports high-sensitivity and low-sensitivity modes (for metal ceilings, metal reflector mounting environments)
- Saves more energy



Detection Range



Detection radius
(at 12m, 9m, 6m and 3m height)
Walking speed: 1 m/s

100%	7m	6.5m	7m	9m
75%	4m	5m	5m	8m
50%	-	3m	3m	7m
25%	-	-	2m	6.5m

Order Code	Max Load	Max Height	Control Output	Trade Price
MWS-SID	400W(inductive) 800W(resistive)	12m	ON/OFF	£60.34

Accessories

Order Code	Description	Trade Price
KPT-MWS-CON	Remote Control for Microwave Sensor	£53.16

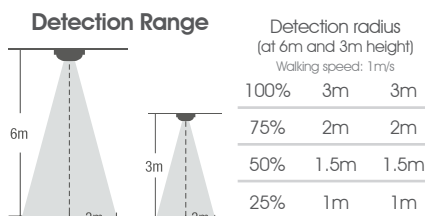
On site commissioning available upon request

Recessed Motion Sensor

Microwave & Light Sensor with Remote Control Setting

- Suitable for basic on-off control or control of 1-10V dimmable luminaires
 - Discrete flush mounting
 - Optional daylight harvesting
 - Optional stand-by dimming
- Minor motion sensitivity suitable for office and classroom applications
 - Parameters settable by DIP switches or remote control
 - Up to 800W inductive load capacity
 - Push-fit terminals
 - Pre-programmed scene selections

75mm
Cut-out



ON	1	
I	ON	Test
II	-	Normal

Test Light

This turns the green sensing indicator on in Test mode to aid commissioning. In normal operation this should be turned off.

ON	2	
I	ON	100%
II	-	50%

Detection Area

This is the sensitivity of the sensor. On maximum, the sensor will detect movement up to 5m from the sensor. Detection area is affected by object size and motion speed.

ON	3	4	5	
I	ON	ON	ON	5s
II	-	ON	ON	30s
III	ON	-	ON	1min
IV	-	-	ON	3min
V	ON	ON	-	20min
VI	-	-	-	30min

Hold Time

This is the time that the light will remain on after presence is no longer detected.

ON	6	7	8	9	
I	ON	ON	ON	ON	5Lux
II	-	ON	ON	ON	15Lux
III	ON	-	ON	ON	30Lux
IV	-	-	ON	ON	50Lux
V	ON	ON	-	ON	100Lux
VI	ON	ON	ON	-	150Lux
VII	-	-	-	-	Disable

Daylight Sensor

The sensor can be set to prevent illumination when the ambient light is above the daylight threshold. When set to disabled, the sensor will switch the light on when presence is detected regardless of the ambient light level.

ON	1	2	3	
I	ON	ON	ON	0s
II	-	ON	ON	1min
III	ON	-	ON	3min
IV	-	-	ON	10min
V	ON	ON	-	30min
VI	-	-	-	+∞

Stand-by Period

This is the period which the light source will remain illuminated at the Stand-by Dim Level once presence has ended.

ON	4	5	
I	ON	ON	10%
II	ON	-	20%
III	-	ON	30%
IV	-	-	50%

Stand-by Dim Level

This is the lighting level for the Stand-by Period.

5 Years
Standard Warranty

7 Years
Extended Warranty

Recommended product

for corridor function and daylight harvesting (when use with 0-10V driver)

Panel & Modular Luminaire

- Rydal ⇨ P64
- Alden ⇨ P65
- Alden-Pro ⇨ P67
- Kali-Standard ⇨ P69
- Nevis ⇨ P71
- Kurve ⇨ P73

Linear Luminaire

- Milo ⇨ P116

Fire rated & commercial Downlight

- Mauna Pro ⇨ P139
- Telica Fixed ⇨ P141
- Telica Tilt ⇨ P142
- Nyos ⇨ P151
- Faceta ⇨ P152

Retail & Display

- Avalon ⇨ P202
- Maly ⇨ P208
- Tatio ⇨ P212
- Tatio R ⇨ P213



Remote Control

General Specification

- Voltage 120-277Vac
- 50-60Hz
- Detection angle 150°
- Transmitting power ≤0.5mW
- Operation Temp -25°C to 55°C



Order Code

KPT-MSA012-MWS

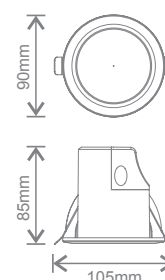
Order Code	Max Load	Max Height	Control Output	Trade Price
KPT-MSA012-MWS	800W(inductive) 1000W(resistive)	6m	ON/OFF, Dimming (1-10V)	£89.88

Accessories

Order Code	Description	Trade Price
KPT-MWS-CON	Remote Control for Microwave Sensor	£53.16

On site commissioning available upon request

Dimensions



5 5 Years Standard Warranty

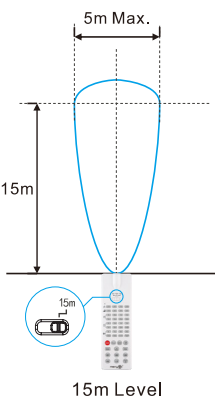
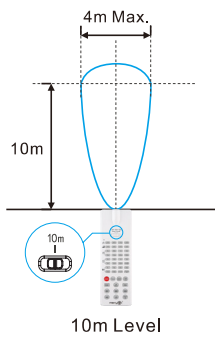
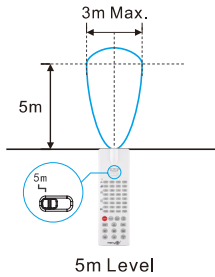
7 7 Years Extended Warranty

Recommended product

Side-Mount Motion Sensor ↗ P19

Recessed Motion Sensor ↗ P20

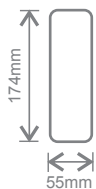
Nimbus sensor ↗ P177



Order Code

KPT-MWS-CON

Dimensions



Remote Control

Microwave Sensor Remote Control

- Suitable for controlling multiple sensors
- Daylight harvesting control available with selected sensors
- Compatible with a wide variety of Kosnic products

Button	Remarks																												
	Press the "ON/OFF" button, the light goes to constant on/off mode, sensor is disabled. Press any button to quit from this mode and the sensor starts to work.																												
	Press "Reset" button, all parameters are same as setting of DIP switch or factory settings.																												
	Press "Sensor motion" button, the light quits from the constant on/off mode, and the sensor starts to work (The latest setting stays in validity)																												
	Press "DIM Test" button, the 1-10V dimming works to test whether the 1-10Vdc dimming ports are connected properly. After 2s, it returns to the latest setting automatically.																												
	Short press "DIM+/DIM-" button to transmit dimming signal. The brightness of the lamp adjusts at 5% per unit. (not applicable for MC054V RC 2)																												
	Long press >= 3s, sensor will take current light level as target lux level, to dim up/down load automatically according to the change of ambient light level. (not applicable for MC054V RC 2)																												
	<table border="1"> <thead> <tr> <th>Scene Options</th> <th>Detection Area</th> <th>Hold Time</th> <th>Stand-by period</th> <th>Stand-by dim level</th> <th>Daylight Sensor</th> <th>Induction model</th> </tr> </thead> <tbody> <tr> <td>QS1</td> <td>100%</td> <td>30S</td> <td>1min</td> <td>10%</td> <td>5Lux</td> <td>Hs</td> </tr> <tr> <td>QS2</td> <td>100%</td> <td>1min</td> <td>3min</td> <td>10%</td> <td>10Lux</td> <td>Hs</td> </tr> <tr> <td>QS3</td> <td>100%</td> <td>5min</td> <td>10min</td> <td>10%</td> <td>30Lux</td> <td>Hs</td> </tr> </tbody> </table> <p>Note: Detection area / Hold time / Stand-by period / Stand-by dim level / Daylight sensor can be adjusted by pressing the corresponding button. The latest setting will stay valid.</p>	Scene Options	Detection Area	Hold Time	Stand-by period	Stand-by dim level	Daylight Sensor	Induction model	QS1	100%	30S	1min	10%	5Lux	Hs	QS2	100%	1min	3min	10%	10Lux	Hs	QS3	100%	5min	10min	10%	30Lux	Hs
Scene Options	Detection Area	Hold Time	Stand-by period	Stand-by dim level	Daylight Sensor	Induction model																							
QS1	100%	30S	1min	10%	5Lux	Hs																							
QS2	100%	1min	3min	10%	10Lux	Hs																							
QS3	100%	5min	10min	10%	30Lux	Hs																							
	Press the "TEST 2S" button can enter the test mode anytime. At the mode, the sensor parameters as below: Detection Area is 100%, Hold Time is 2s, Stand-by Dim Level is 10%, Stand-by Period is 0s, daylight sensor disable. This function only for testing. Quit the mode by pressing "RESET" or any other function buttons.																												
	Press "HS" button to set the detection area to be high sensitive. Press "LS" button to set the detection area to be low sensitive. The adjustment bases on the "Detection Area" parameter you set.																												
	Daylight Sensor Set up daylight threshold: 5Lux/15Lux/30Lux/50Lux/100Lux/150Lux/ Disable																												
	Stand-by period Set up stand-by time: 0S/10S/1min/3min/5min/10min/30min/+∞																												
	Hold time Set up hold time: 5S/30S/1min/3min/5min/10min/20min/30min																												
	Stand-by dim level Set up stand-by dim level: 10%/20%/30%/50%																												
	Detection Area Set up detection area: 25%/50%/75%/100%																												
	Remote Distance Toggle bottom can set the remote distance of remote control and sensor.																												

Order Code	Description	Trade Price
KPT-MWS-CON	Remote Control for Microwave Sensor	£53.16

Dimmable Driver

DALI 2, 1-10V (0-10V) & PUSH button dimmable driver

- Flicker free for entire dimming range
- Stand-by power below 0.5W
- Configurable output current with DIP switches



Output Current

CYC030TDC30-90

	1	2	3	4	
ON	ON	ON	ON		900mA
-	ON	ON	ON		850mA
ON	-	ON	ON		800mA
-	-	ON	ON		750mA
ON	ON	-	ON		700mA
ON	ON	ON	-		650mA
-	ON	ON	-		600mA
ON	-	ON	-		550mA
-	-	ON	-		500mA
ON	ON	-	-		450mA
-	ON	-	-		400mA
ON	-	-	-		350mA
-	-	-	-		300mA

CYC040TDC50-105

	1	2	3	4	
ON	ON	ON	ON		1050mA
-	ON	ON	ON		1000mA
ON	-	ON	ON		950mA
-	-	ON	ON		900mA
ON	ON	ON	-		850mA
-	ON	ON	-		800mA
ON	-	ON	-		750mA
-	-	ON	-		700mA
ON	ON	-	-		650mA
-	ON	-	-		600mA
ON	-	-	-		550mA
-	-	-	-		500mA

CYC050TDC70-140

	1	2	3	4	5	6	
ON	ON	ON	ON	ON	ON		1400mA
ON	ON	ON	ON	ON	-		1300mA
ON	ON	ON	ON	-	-		1200mA
ON	ON	ON	-	-	-		1050mA
ON	ON	-	-	-	-		900mA
ON	-	-	-	-	-		800mA
-	-	-	-	-	-		700mA

Order Code	Max Power	Output Current	Trade Price
CYC030TDC30-90	30W	300-900mA	£70.55
CYC040TDC50-105	40W	500-1050mA	£78.79
CYC050TDC70-140	50W	700mA-1400mA	£85.13

5 5 Years Standard Warranty

7 7 Years Extended Warranty

Recommended product

Panel & Modular Luminaire

- Rydal → P64
- Alden → P65
- Alden-Pro → P67
- Kali-Standard → P69
- Nevis → P71
- Kurve → P73

Linear Luminaire

- Milo → P116

Fire rated & commercial Downlight

- Mauna Pro → P139
- Telica Fixed → P141
- Telica Tilt → P142
- Nyos → P151
- Faceta → P152

Retail & Display

- Avalon → P202
- Maly → P208
- Tatio → P212
- Tatio R → P213

General Specification

Voltage 220-240Vac
50Hz

Power Factor ≥0.83

Efficiency 91% Max.

Full-load Output Voltage 6-58Vdc

Wiring Way Press-in type terminals, 0.75-1.5mm²

Working Temp -25°C to 50°C

Case Temp 85°C

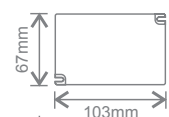
Working Humidity 85%



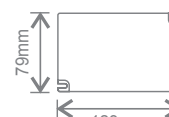
Order Code

- CYC030TDC30-90
- CYC040TDC50-105
- CYC050TDC70-140

Dimensions



CYC030TDC30-90



CYC040TDC50-105

CYC050TDC70-140

Daylight Harvesting

This row of panel installed next to windows dims down by the daylight harvesting driver.



This was a great project to be involved in, we've been fortunate enough to have long standing business relationships with both Shropshire Star and the engineers, which always helps make these jobs easier, and of course we always get great support from the Kosnic sales and technical team.

– Paul Turner, Manager at ETC Electrical

Shropshire Star case study

Location: Shropshire

Solution: 30W LED Panel and Daylight harvesting controls

Wireless EasyLINK ^{RF}



Mains powered
4-zone wall switch



Battery powered push
button wall switch



Battery powered rotary
button wall switch



4-zone
remote



Desk-top rotary
remote

Link
to
Many

Max 8 switches

May be paired for each of
RF triac dimmer or Driver
(There is no limit on how many
drivers or dimmers may be paired
to a given switch)

Max 30 meters



RF Triac Dimmer

Use with mains
dimmmable lamps &
luminaires

Max Load
2 x 288W

Leading and Trailing
Edge switchable



RF Driver

Constant Current
250-1500mA
adjustable

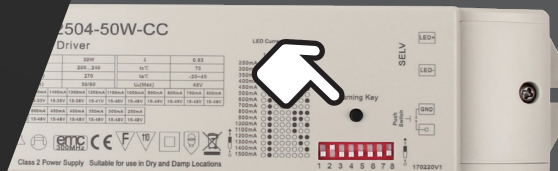
Output Voltage
15-48V

Max Load 50W



Click 2 Pair

Simple and Reliable
Link to Many Pairing



1. Click once on the Learning Key button
on the RF driver or dimmer unit

2. Click the switch to be paired within
5 seconds.



3 3 Years
Standard Warranty

5 5 Years
Extended Warranty



CSWRF05

Recommended product

Panel & Modular Luminaire

- Rydal ↪ P64
- Alden ↪ P65
- Alden-Pro ↪ P67
- Kali-Standard ↪ P69
- Nevis ↪ P71
- Kurve ↪ P73

Linear Luminaire

- Milo ↪ P116

Fire rated & commercial Downlight

- Mauna Pro ↪ P139
- Telica Fixed ↪ P141
- Telica Tilt ↪ P142
- Nyos ↪ P151
- Faceta ↪ P152

Retail & Display

- Avalon ↪ P202
- Maly ↪ P208
- Tatio ↪ P212
- Tatio R ↪ P213

General Specification

Voltage 200-240Vac
50-60Hz
Power Factor >0.9
Efficiency 87%
Output Voltage 15-48Vdc
Working Temp -20°C to 45°C
Case Temp 85°C



Order Code
CYC050RFC25-150

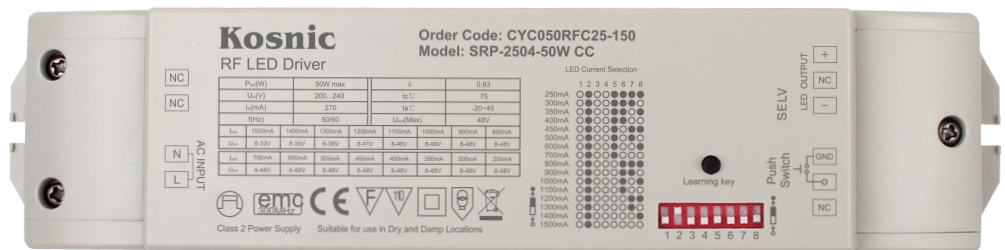
Dimensions



EasyLINK^{RF}

RF Dimmable constant current LED driver

- Max. output power 50W
- High power factor and efficiency
- Compatible with a selection of single or multiple zone RF remote controls
- Can be paired with up to 8 RF remote controls
- Suitable for indoor LED lighting applications
- Radio Frequency : 868/869.5/916.5/434mhz
- Short circuit, over voltage and overload protection



Output Current

	1	2	3	4	5	6	7	8	
ON	-	ON	-	-	ON	-	-	-	1500mA
	-	ON	-	-	ON	-	-	ON	1400mA
	-	ON	-	-	ON	-	ON	-	1300mA
	-	ON	-	-	ON	-	ON	ON	1200mA
	-	ON	-	-	ON	ON	-	-	1100mA
	-	ON	-	-	ON	ON	-	ON	1000mA
	-	ON	-	-	ON	ON	ON	-	900mA
	-	ON	-	-	ON	ON	ON	ON	800mA

	1	2	3	4	5	6	7	8	
ON	-	ON	-	-	ON	-	-	-	700mA
	-	ON	-	-	ON	-	-	ON	600mA
	-	ON	-	-	ON	-	ON	-	500mA
	-	ON	-	-	ON	-	ON	ON	450mA
	-	ON	-	-	ON	ON	-	-	400mA
	-	ON	-	-	ON	ON	-	ON	350mA
	-	ON	-	-	ON	ON	ON	-	300mA
	-	ON	-	-	ON	ON	ON	ON	250mA

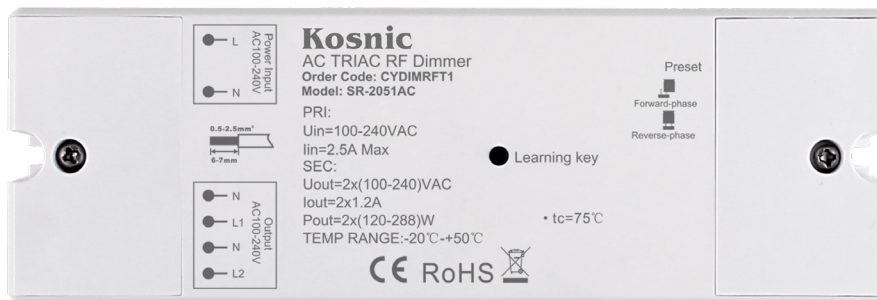
Order Code	Power	Output Current	Output Voltage	Trade Price
CYC050RFC25-150	49.5W	1500mA	15-33Vdc	£121.79
	49.0W	1400mA	15-35Vdc	
	49.4W	1300mA	15-38Vdc	
	49.2W	1200mA	15-41Vdc	
	50.6W	1100mA	15-46Vdc	
	48.0-12.0W	1000-250mA	15-48Vdc	

On site commissioning available upon request

EasyLINK^{RF}

RF wireless AC triac dimmer with leading or trailing edge mode

- Wireless AC Triac dimmer with Leading or Trailing Edge modes
- Compatible with a selection of single or multiple zone RF remote controls
 - Can be paired with up to 8 RF remote controls / switches
 - Minimum output setting
 - Suitable for indoor lighting applications
- Radio Frequency : 868/869.5/916.5/434mhz



3 3 Years
Standard Warranty

5 5 Years
Extended Warranty



CSWRF01



CSWRF02



CSWRF03



CSWRF04



CSWRF05

Recommended product

Panel & Modular Luminaire

- Dimmable DD ↪ P255
- Dimmable GU10 ↪ P262-265
- Dimmable Filament ↪ P269-275
- Dimmable GLS ↪ P276
- Dimmable G9 ↪ P280
- Dimmable Reon ↪ P283-287

General Specification

Voltage 100-240Vac
50-60Hz

Output Voltage 2 x 100-240Vac

Ambient Temp -20°C to 50°C

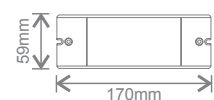
Max Case Temp 75°C



Order Code

CYDIMRFT1

Dimensions



Order Code	Max Power	Output Current	Trade Price
CYDIMRFT1	2 x 120W (100 Vac) 2 x 288W (240 Vac)	2 x 1.2 A	£107.91

3 3 Years
Standard Warranty

5 5 Years
Extended Warranty



CYC050RFC25-150



CYDIMRFT1



Order Code

CSWRF01

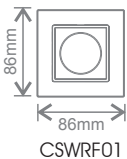
CSWRF02

CSWRF03

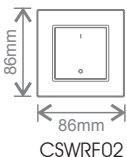
CSWRF04

CSWRF05

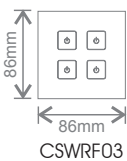
Dimensions



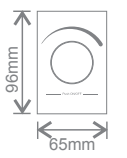
CSWRF01



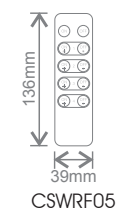
CSWRF02



CSWRF03



CSWRF04



CSWRF05

EasyLINK^{RF}

RF wireless switches

- Glass front battery power wireless wall mount switch
- Table top wireless rotary dimmer switch
- Wireless multi-zone remote control and wall switch
- Many to Many pairing with the wireless triac dimmer module and Driver
- Click-to-pair for easy installation
- Suitable for indoor lighting applications
- Radio Frequency : 868/869.5/916.5/434mhz



▲ CSWRF01



▲ CSWRF02



▲ CSWRF03



▲ CSWRF04



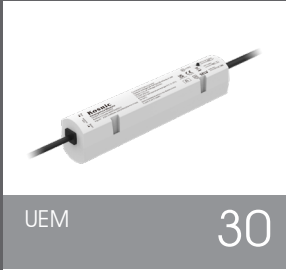
▲ CSWRF05

Order Code	Description	Trade Price
CSWRF01	Single channel wall mount rotary switch (battery powered)	£118.46
CSWRF02	Single channel wall mount push-button switch (battery powered)	£118.46
CSWRF03	4 channel wall mount touch switch (mains powered)	£128.59
CSWRF04	Single channel desk top rotary switch (battery powered)	£84.29
CSWRF05	4 channel handheld remote control (battery powered)	£45.35

On site commissioning available upon request



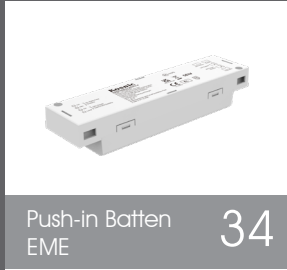
Emergency



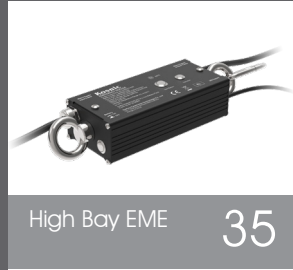
UEM 30



UEM Pro 33



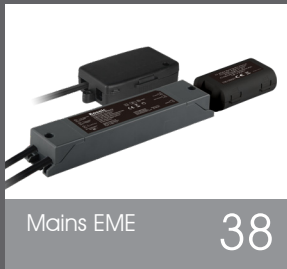
Push-in Batten EME 34



High Bay EME 35



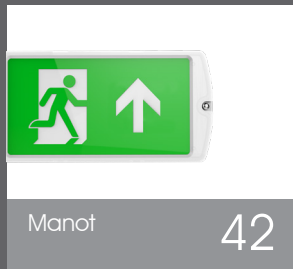
Batten EME 36



Mains EME 38



DD EME 39



Manot 42



Mulu 44



Kalem 45



Doxa 47



Neka 48



Nitro 49



Nitro Surface 51



Orda II 52

NEW Available Dec. 2021

UEM

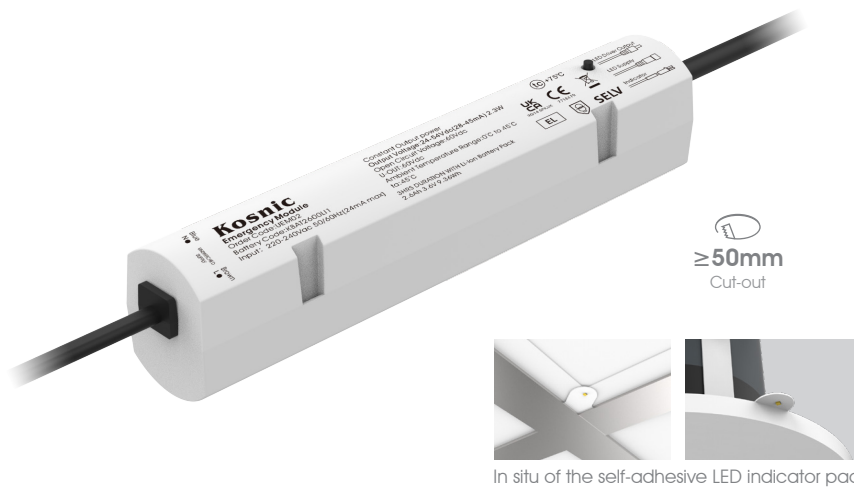
Standard/Self-test 2W universal emergency module

- Loop-in and loop-out push-wire terminals
- Built-in self-test function according to BS-EN-62034-2012
- Designed for use with all LED luminaires (class III) with external driver
 - Easy Plug & Play installation
- For maintained or non-maintained emergency lighting systems
 - Internal Li-ion battery with improved lifespan
 - Easy battery replacement

Battery warranty **4** YEAR

EM driver isolation*

* LED Driver and LED light source are switched off in emergency mode.



LED Indicator (Self-test version)

- | | | | |
|----------------------------|-------------------------|--------------------------|-------------------------|
| ● Green | System Healthy | ● Red | Battery Charging Fault |
| ⬆ Green Flash 1 per second | Duration Test Pending | ⬆ Red Flash 2 per second | Battery Duration Fault |
| ⬆ Green Flash 2 per second | Duration Test Running | ⬆ Red Flash 4 per second | Lamp or Luminaire Fault |
| ⬆ Green Flash 4 per second | Functional Test Running | | |



Standard

Order Code	Output Wattage (Max)	Output Voltage	Battery	Battery Capacity	Output Current	Trade Price
UEM02	2.3W	24-54Vdc	Li-ion	2600mAh	28-45mA	£73.09

Self-test

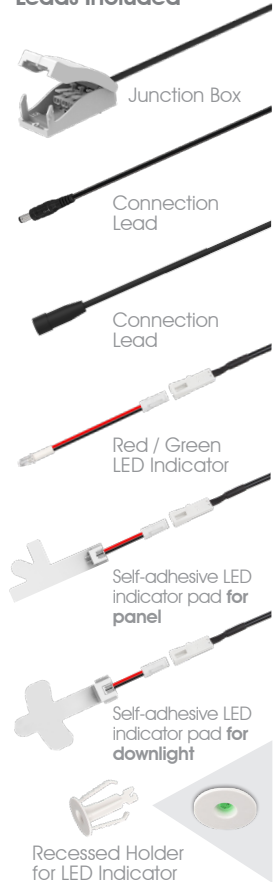
Order Code	Output Wattage (Max)	Output Voltage	Battery	Battery Capacity	Output Current	Trade Price
UEM02/ST	2.3W	24-54Vdc	Li-ion	2600mAh	32-73mA	£86.72

Battery

Order Code	Type	Capacity	Voltage	Trade Price
BAT26LI1	Li-ion	2600mAh	3.6V	£46.50

- 3** 3 Years Standard Warranty
- 5** 5 Years Extended Warranty

Leads Included



General Specification

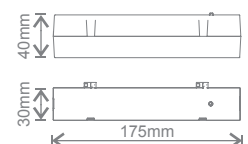
Input Voltage	220-240Vac 50-60Hz
Input Current (max)	24mA
Emergency Conversion Time	1s
Emergency Operation Time	>3h
Charging Time	24h
Battery Life	4 Years
Ambient Temp	0°C to 45°C
Maximum Case Temp	75°C



Order Code

UEM02
UEM02/ST

Dimensions



Patent

3 3 Years
Standard Warranty

5 5 Years
Extended Warranty

UEM NEW Available Mar. 2022

Standard/Self-test 3W universal emergency module

4 YEAR Battery warranty

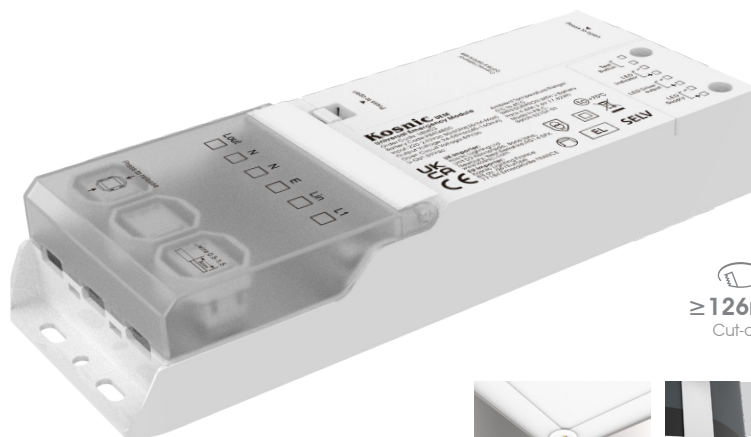
EM driver isolation*

*LED Driver and LED light source are switched off in emergency mode.

Leads Included



- Loop-in and loop-out push-wire terminals
- Built-in self-test function according to BS-EN-62034-2012
- Designed for use with all LED luminaires (class III) with external driver
- Easy Plug & Play installation
- For maintained or non-maintained emergency lighting systems
- Internal Li-ion battery with improved lifespan
- Easy battery replacement



≥ 126mm
Cut-out



In situ of the self-adhesive LED indicator pad

General Specification

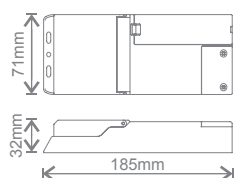
Input Voltage 220-240Vac
50-60Hz
Input Current (max) 24mA
Emergency Conversion Time 1s
Emergency Operation Time > 3h
Charging Time 24h
Battery Life 4 Years
Ambient Temp 0°C to 45°C
Maximum Case Temp 75°C



Order Code

UEM03
UEM03/ST

Dimensions



LED Indicator (Self-test version)

- Green System Healthy
- Green Flash 1 per second Duration Test Pending
- Green Flash 2 per second Duration Test Running
- Green Flash 4 per second Functional Test Running
- Red Battery Charging Fault
- Red Flash 2 per second Battery Duration Fault
- Red Flash 4 per second Lamp or Luminaire Fault



Standard

Order Code	Output Wattage (Max)	Output Voltage	Battery	Battery Capacity	Output Current	Trade Price
UEM03	3W	24-54Vdc	Li-ion	4800mAh	40-95mA	£88.98

Self-test

Order Code	Output Wattage (Max)	Output Voltage	Battery	Battery Capacity	Output Current	Trade Price
UEM03/ST	3W	24-54Vdc	Li-ion	4800mAh	40-95mA	£102.88

Battery

Order Code	Type	Capacity	Voltage	Trade Price
BAT48L11	Li-ion	4800mAh	3.6V	£47.50

Patent

UEM Pro | Universal Emergency Module

UEM Pro

Enhanced for easy installation

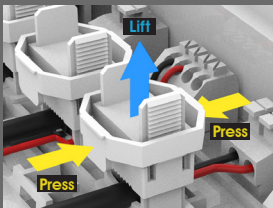
6 loop-in loop-out push-wire connectors allow wiring with

- 4 core cable with unswitched live
- 2 x 3 core cable with switched and unswitched supply.

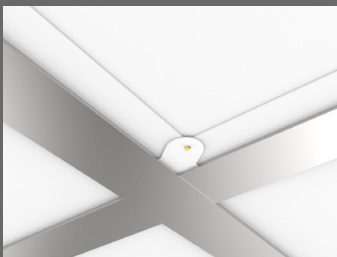
Driver isolation

Input of driver is isolated so that it is cutoff during the emergency test

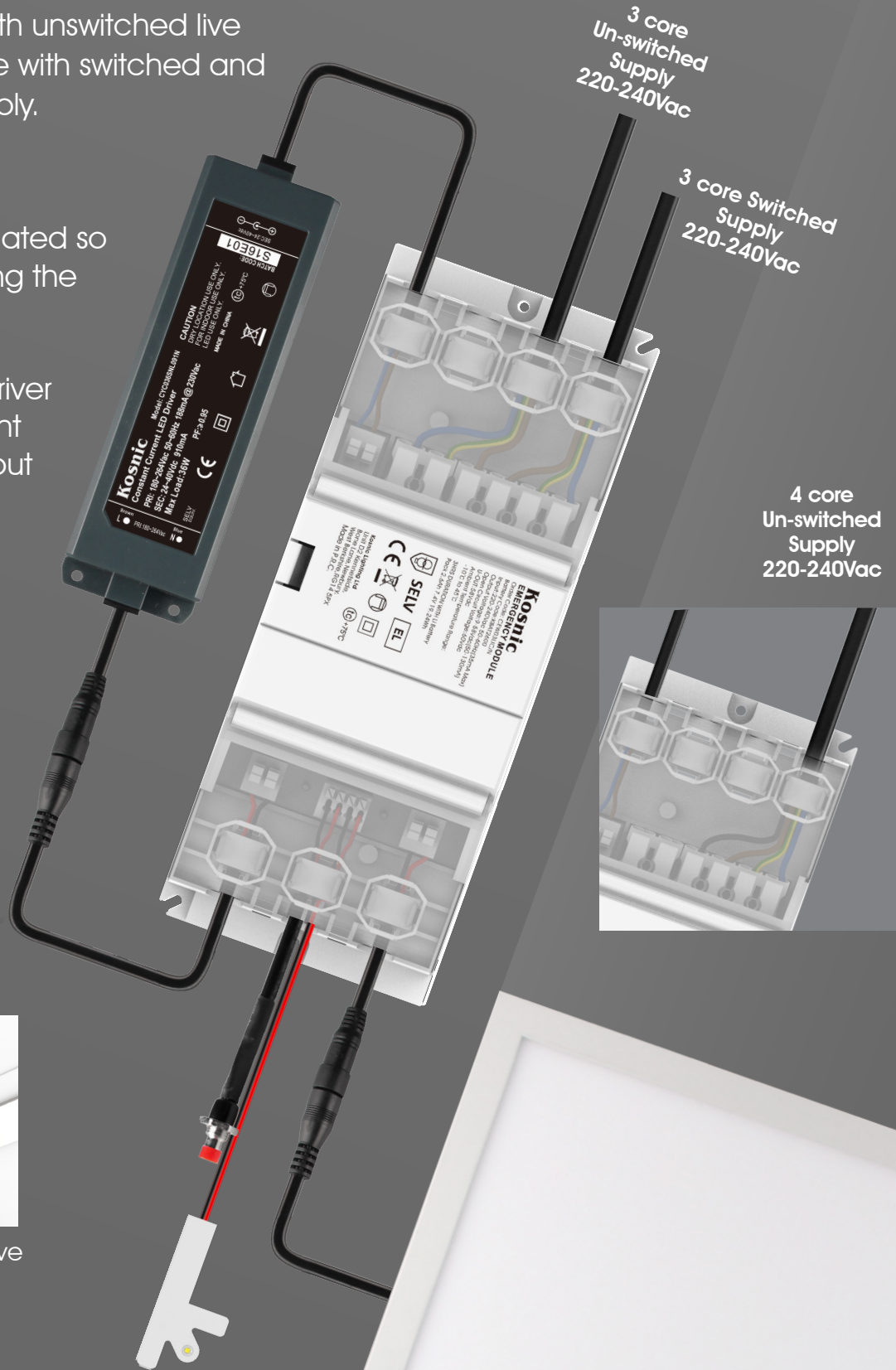
the output of the driver is isolated to prevent current leak to output of the driver in emergency mode



Press to release
(Patent pending)



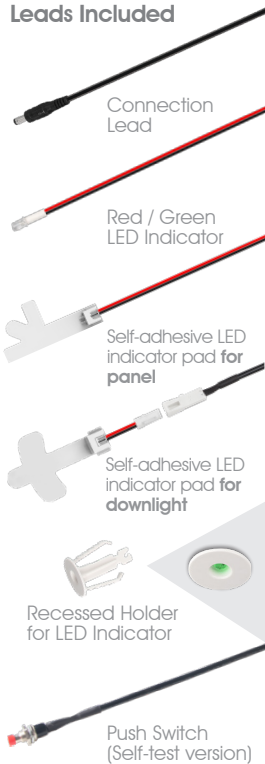
In situ of the self-adhesive
LED indicator pad



3 3 Years
Standard Warranty

5 5 Years
Extended Warranty

Leads Included



UEM Pro

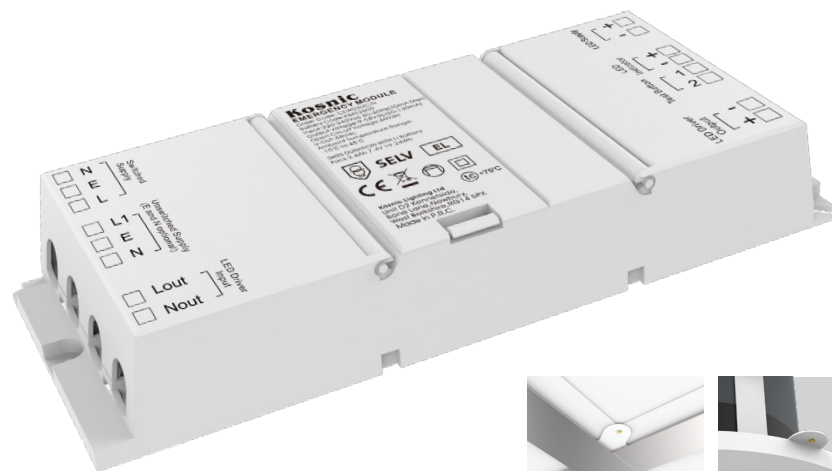
Standard/Self-test
3W universal emergency module

- Loop-in and loop-out push-wire terminals
- Built-in self-test function according to BS-EN-62034-2012
- Designed for use with all LED luminaires (class III) with external driver
- Easy Plug & Play installation
- For maintained or non-maintained emergency lighting systems
- Internal Li-ion battery with improved lifespan
- Easy battery replacement

4 YEAR Battery warranty

EM driver isolation*

*LED Driver and LED light source are switched off in emergency mode.



In situ of the self-adhesive LED indicator pad

General Specification

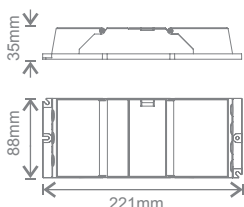
Input Voltage 220-240Vac
50-60Hz
Input Current (max) 35mA
Emergency Conversion Time 1s
Emergency Operation Time >3h
Charging Time 12h
Battery Life 4 Years
Ambient Temp 0°C to 45°C
Maximum Case Temp 75°C



Order Code

CEW03LIC/N
UEM04
CEW03LIC/S
UEM04/ST

Dimensions



LED Indicator (Self-test version)

- Green System Healthy
- Red Battery Charging Fault
- Green Flash 1 per second Duration Test Pending
- Red Flash 2 per second Battery Duration Fault
- Green Flash 2 per second Duration Test Running
- Red Flash 4 per second Lamp or Luminaire Fault
- Green Flash 4 per second Functional Test Running



Standard

Order Code	Output Wattage (Max)	Output Voltage	Battery	Battery Capacity	Output Current	Trade Price
CEW03LIC/N	3W	9-58Vdc	Li-ion	2600mAh	45-160mA	£107.71
UEM04	4W	9-58Vdc	Li-ion	2600mAh	45-160mA	£94.25 NEW

Self-test

Order Code	Output Wattage (Max)	Output Voltage	Battery	Battery Capacity	Output Current	Trade Price
CEW03LIC/S	3W	24-58Vdc	Li-ion	2600mAh	45-150mA	£130.74
UEM04/ST	4W	24-58Vdc	Li-ion	2600mAh	45-150mA	£114.38 NEW

Battery

Order Code	Type	Capacity	Voltage	Trade Price
KBAT2600	Li-ion	2600mAh	7.2V	£47.50

Patent

NEW Available Jan. 2022

Push-in Batten EME

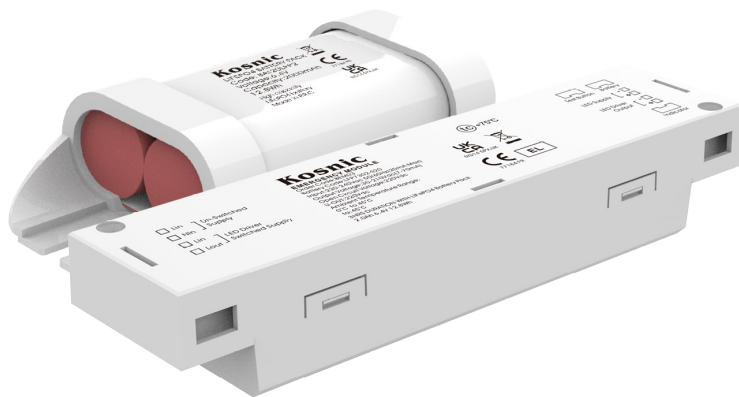
Standard/Self-test
Push-in modular emergency module

Battery warranty **4** YEAR

EM driver isolation*

* LED Driver and LED light source are switched off in emergency mode.

- Fast and easy installation with no tool required
- Push in the emergency driver to the sockets prefixed to the fitting
- LiFePO4 battery for enhanced life span



LED Indicator (Self-test version)

- | | | | |
|----------------------------|-------------------------|--------------------------|-------------------------|
| • Green | System Healthy | • Red | Battery Charging Fault |
| • Green Flash 1 per second | Duration Test Pending | • Red Flash 2 per second | Battery Duration Fault |
| • Green Flash 2 per second | Duration Test Running | • Red Flash 4 per second | Lamp or Luminaire Fault |
| • Green Flash 4 per second | Functional Test Running | | |



Standard

Order Code	Output Wattage (Max)	Output Voltage	Battery	Battery Capacity	Output Current	Trade Price
BEM03	3W	30-210Vdc	LiFePO4	2000mAh	7-70mA	£69.17

Self-test

Order Code	Output Wattage (Max)	Output Voltage	Battery	Battery Capacity	Output Current	Trade Price
BEM03/ST	3W	30-190Vdc	LiFePO4	2000mAh	8-75mA	£80.66

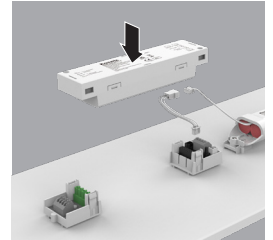
Battery

Order Code	Type	Capacity	Voltage	Trade Price
BAT20LFP2	LiFePO4	2000mAh	6.4V	£44.49

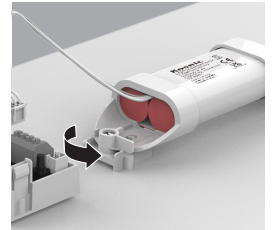
3 3 Years Standard Warranty

5 5 Years Extended Warranty

Push-in emergency module



Easy fixing battery



Recommended product

- Ano-Retro ↪ P113
- Kennet ↪ P115
- Congo ↪ P122

General Specification

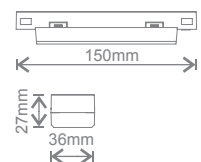
Input Voltage	220-240Vac
Input Current (max)	20mA
Emergency Conversion Time	1s
Emergency Operation Time	>3h
Charging Time	24h
Battery Life	4 Years
Ambient Temp	0°C to 45°C
Maximum Case Temp	75°C



Order Code

BEM03
BEM03/ST

Dimensions



3 3 Years
Standard Warranty

5 5 Years
Extended Warranty

Leads Included



Recommended product

- Nimbus III ↪ P177
- Echo Pro ↪ P179
- Echo II ↪ P180



General Specification

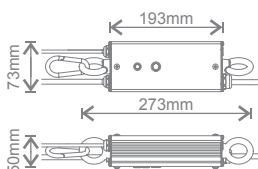
Input 220-240Vac
Voltage 50-60Hz
Input Current (max) 40mA
Emergency Conversion Time 1s
Emergency Operation Time >3h
Charging Time 24h
Battery Life 4 Years
Ambient Temp 0°C to 45°C
Maximum Case Temp 75°C



Order Code

EMHB08
EMHB08/ST

Dimensions



High Bay EME

NEW Available Feb. 2022

Standard/Self-test
8W emergency module for Kosnic LED high bay luminaires

- Optional self-test function according to BS-EN-62034-2012
- Wide voltage output range of 30-300V
- Easy installation with push-wire waterproof connector
- For maintained or non-maintained emergency lighting systems
- IP65

4 YEAR Battery warranty

EM driver isolation*

*LED Driver and LED light source are switched off in emergency mode.



4-position push wire connector (5 holes with one being redundant)

LED Indicator (Self-test version)

- Green System Healthy
- Red Battery Charging Fault
- Green Flash 1 per second Duration Test Pending
- Red Flash 2 per second Battery Duration Fault
- Green Flash 2 per second Duration Test Running
- Red Flash 4 per second Lamp or Luminaire Fault
- Green Flash 4 per second Functional Test Running

Standard Emergency

Self-test Emergency

Standard

Order Code	Output Wattage (Max)	Output Voltage	Battery	Battery Capacity	Output Current	Trade Price
EMHB08	8W	30-300Vdc	Li-ion	5200mAh	20-150mA	£264.56

Self-test

Order Code	Output Wattage (Max)	Output Voltage	Battery	Battery Capacity	Output Current	Trade Price
EMHB08/ST	8W	30-300Vdc	Li-ion	5200mAh	20-150mA	£269.67

Patent

Batten EME

Standard/Self-test
5W emergency module for Kosnic LED batten luminaires

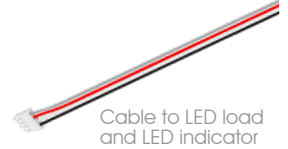
Battery warranty **4** YEAR

- For maintained or non-maintained emergency lighting systems
 - Easy battery replacement
 - Designed for easy installation
- Internal Li-ion battery with improved lifespan

3 3 Years
Standard Warranty

5 5 Years
Extended Warranty

Leads Included



Recommended product

Niva II

General Specification

Input Voltage	220-240Vac
	50-60Hz
Input Current (max)	35mA
Emergency Conversion Time	1s
Emergency Operation Time	>3h
Charging Time	12h
Battery Life	4 Years
Ambient Temp	0°C to 45°C
Maximum Case Temp	75°C



LED Indicator (Self-test version)

• Green	System Healthy	• Red	Battery Charging Fault
• Green Flash 1 per second	Duration Test Pending	• Red Flash 2 per second	Battery Duration Fault
• Green Flash 2 per second	Duration Test Running	• Red Flash 4 per second	Lamp or Luminaire Fault
• Green Flash 4 per second	Functional Test Running		



Standard

Order Code	Output Wattage (Max)	Output Voltage	Battery	Battery Capacity	Output Current	Trade Price
CEW05LBL/N	5W	20-58Vdc	Li-ion	2600mAh	60-145mA	£95.92

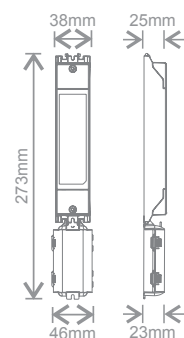
Self-test

Order Code	Output Wattage (Max)	Output Voltage	Battery	Battery Capacity	Output Current	Trade Price
CEW05LBL/S	5W	20-58Vdc	Li-ion	2600mAh	70-125mA	£112.64

Battery

Order Code	Type	Capacity	Voltage	Trade Price
KBAT2600	Li-ion	2600mAh	7.2V	£47.50

Dimensions



Mains Emergency Module

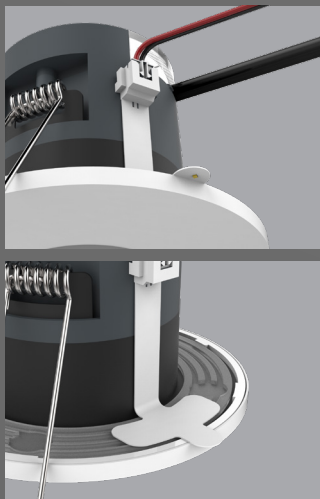
Plug & Play

Mains emergency conversion module for **Dimmable Fire-Rated Downlights**

The emergency conversion module generates a mains voltage DC signal that can run the dimmable downlight at 20% or greater output. This product is designed to be used with LED lamps and luminaires with triac (mains) dimmable LED driver.

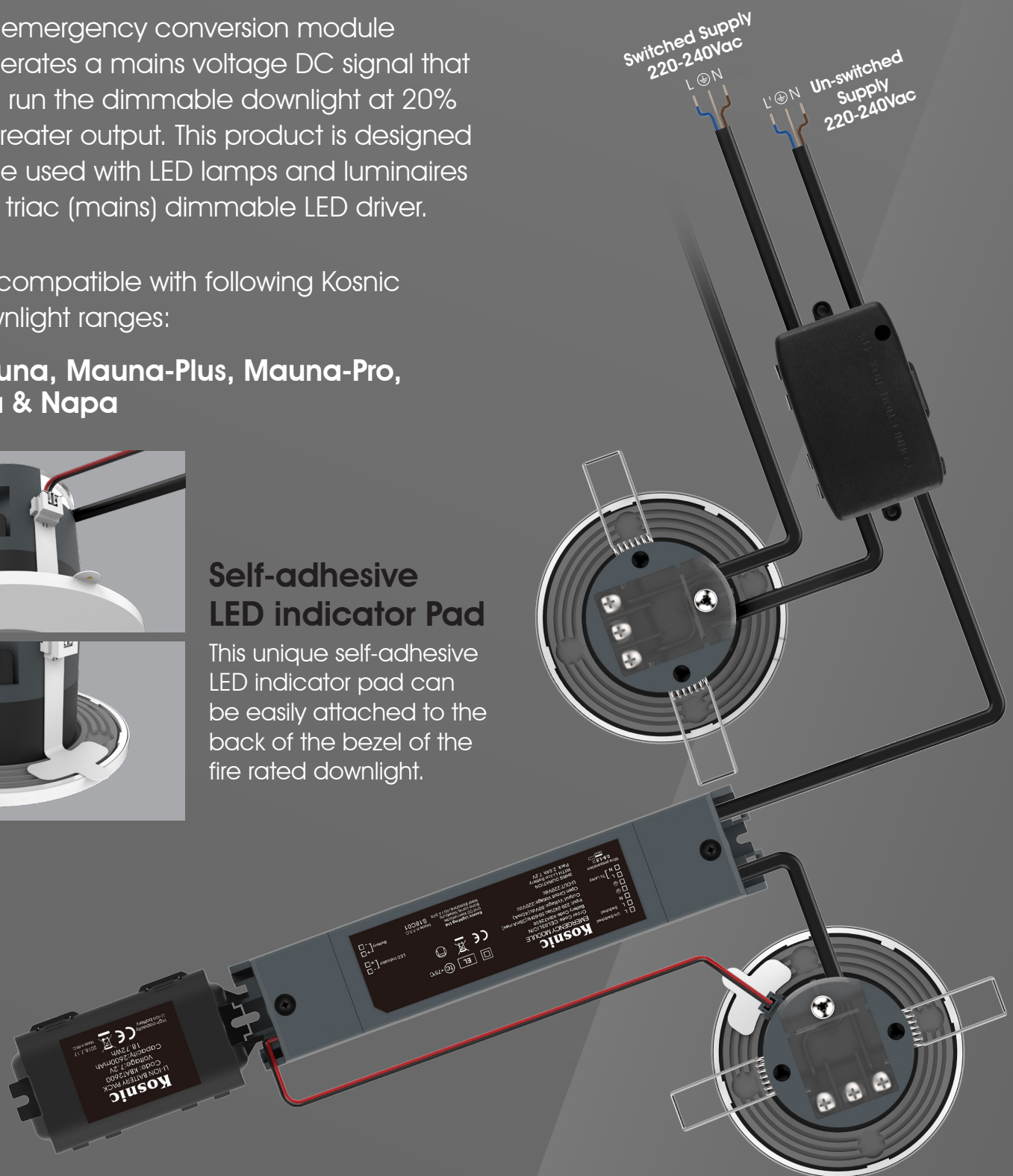
It is compatible with following Kosnic downlight ranges:

Mauna, Mauna-Plus, Mauna-Pro, Erta & Napa



Self-adhesive LED indicator Pad

This unique self-adhesive LED indicator pad can be easily attached to the back of the bezel of the fire rated downlight.



Patent

Mains EME

Emergency conversion module for dimmable fire-rated downlight

Battery warranty

4 YEAR

- Designed to work with Kosnic dimmable downlight ranges (Mauna, Erta & Napa)
 - Mains DC output
 - Easy plug & play installation
- Unique self-adhesive LED indicator pad for easy installation

- 3** 3 Years Standard Warranty
- 5** 5 Years Extended Warranty

Leads Included



Self adhesive LED indicator pad



Pug-in mains connector

Recommended product

- Mauna → P135
- Napa → P155
- Tec Pro → P239

General Specification

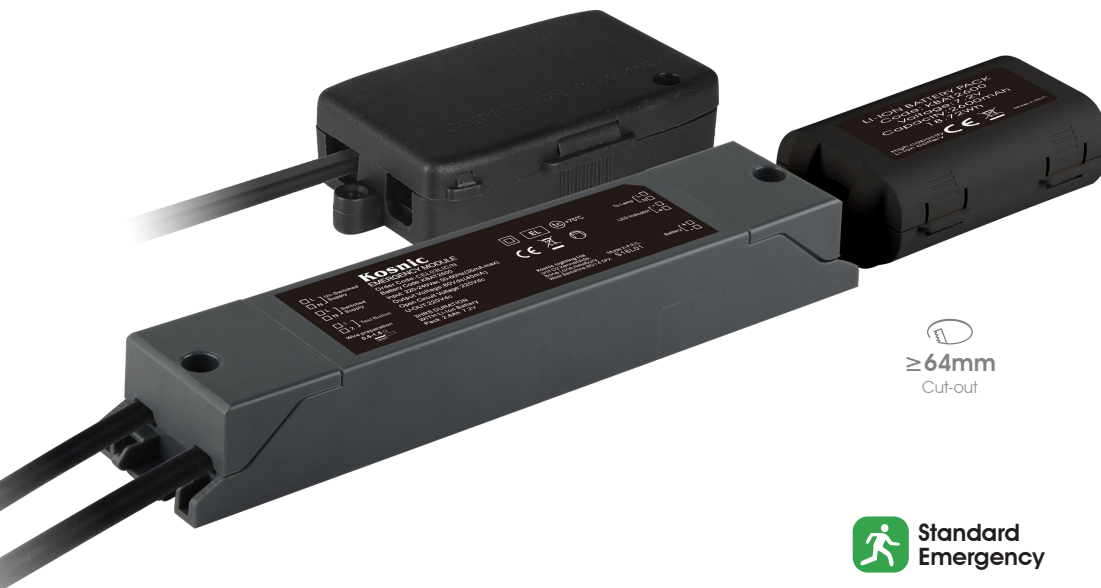
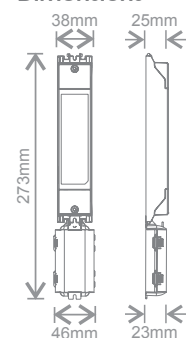
Input Voltage	220-240Vac
Input Current (max)	40mA
Emergency Conversion Time	< 1s
Emergency Operation Time	> 3h
Charging Time	12h
Battery Life	4 Years
Ambient Temp	0°C to 45°C
Maximum Case Temp	75°C



Order Code

CEL03LIC/N

Dimensions



≥64mm
Cut-out



Order Code	Output Wattage (Max)	Output Voltage	Battery	Battery Capacity	Output Current	Trade Price
CEL03LIC/N	3W	27-180Vdc	Li-ion	2200mAh	10-75mA	£89.47

Battery

Order Code	Type	Capacity	Voltage	Trade Price
KBAT2200LI4	Li-ion	2200mAh	7.2V	£46.01

3 3 Years
Standard Warranty

5 5 Years
Extended Warranty

DD EME

Standard emergency module for Kosnic LED DD & K2D lamps

- Easy Plug & Play installation
- For maintained or non-maintained emergency lighting systems
- Internal Li-ion battery for improved lifespan
- Easy battery replacement

4 YEAR Battery warranty

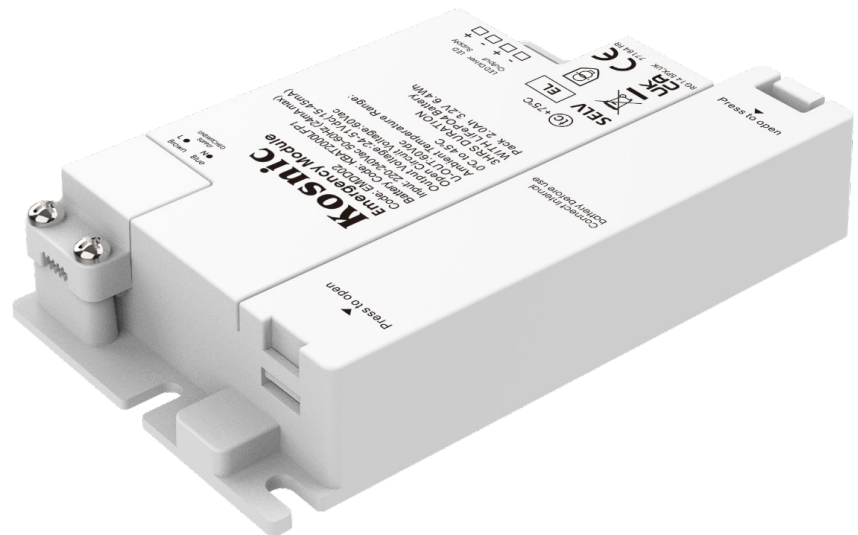
Recommended product

Surface Luminaire

- Blanca ⇨ P79
- Blanca-i ⇨ P80
- Blanca-i Pro ⇨ P82
- Ossa ⇨ P86
- Ossa-i ⇨ P87
- Pico ⇨ P90
- Viso ⇨ P96
- Viso-i ⇨ P97
- Etna ⇨ P98
- Alto ⇨ P99

LED Commercial Lamp

- K2D ⇨ P231
- LED DD ⇨ P234



General Specification

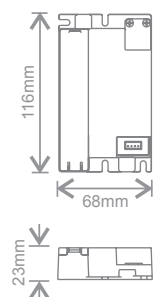
- Input Voltage 220-240Vac 50-60Hz
- Input Current (max) 24mA
- Emergency Conversion Time 1s
- Emergency Operation Time >3h
- Charging Time 24h
- Battery Life 4 Years
- Ambient Temp 0°C to 45°C
- Maximum Case Temp 75°C



Order Code

EMDD02

Dimensions



Order Code	Max Output Wattage	Output Voltage	Battery	Battery Capacity	Output Current	Trade Price
EMDD02	2W	24-51 Vdc	LiFePO4	2000mAh	15-45mA	£73.62

Battery

Order Code	Type	Capacity	Voltage	Trade Price
KBAT2000LFP1	LiFePO4	2000mAh	3.2V	£44.49

Patent

Self-test DD EME

Self-test emergency module for Kosnic LED DD & K2D lamps

Battery warranty **4** YEAR

- Built-in self-test function according to BS-EN-62034-2012
- Easy Plug & Play installation
- For maintained or non-maintained emergency lighting systems
 - Internal Li-Ion battery with improved lifespan
- Dual colour LED indicator for error reporting built into all Kosnic LED DD lamps
- Easy battery replacement



LED Indicator (Self-test version)

- | | | | |
|----------------------------|-------------------------|--------------------------|-------------------------|
| • Green | System Healthy | • Red | Battery Charging Fault |
| • Green Flash 1 per second | Duration Test Pending | • Red Flash 2 per second | Battery Duration Fault |
| • Green Flash 2 per second | Duration Test Running | • Red Flash 4 per second | Lamp or Luminaire Fault |
| • Green Flash 4 per second | Functional Test Running | | |



3 3 Years Standard Warranty

5 5 Years Extended Warranty

Recommended product

Surface Luminaire

- Blanca ⇨ P79
- Blanca-i ⇨ P80
- Blanca-i Pro ⇨ P82
- Ossa ⇨ P86
- Ossa-i ⇨ P87
- Pico ⇨ P90
- Viso ⇨ P96
- Viso-i ⇨ P97
- Etna ⇨ P98
- Alto ⇨ P99

LED Commercial Lamp

- K2D ⇨ P231
- LED DD ⇨ P234

General Specification

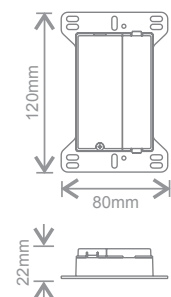
Input Voltage	220-240Vac
Input Current (max)	35mA
Emergency Conversion Time	1s
Emergency Operation Time	>3h
Charging Time	12h
Battery Life	4 Years
Ambient Temp	0°C to 45°C
Maximum Case Temp	75°C



Order Code

CEC02LBL/S

Dimensions



Order Code	Max Output Wattage	Output Voltage	Battery	Battery Capacity	Output Current	Trade Price
CEC02LBL/S	2W	15-58Vdc	Li-ion	2600mAh	35mA	£76.97

Battery

Order Code	Type	Capacity	Voltage	Trade Price
KBAT2600LI1	Li-ion	2600mAh	3.6V	£46.50

Patent

Manot All in One LED Exit Sign



Wall-mount Exit Sign with Doorway Illumination



8 LEDs fixed to the bottom of the fitting providing doorway illumination in emergency mode.

Ceiling-mount Recessed Exit Sign



Different exit sign boards are available with clips for easy installation.



Wall-mount Emergency Light with Tilting Bracket



Installation of the Manot accessories

Scan QR code for video.

Manot

Standard/Self-test IP65 multi-purpose emergency exit bulkhead

Battery warranty

4
YEAR

- Used as emergency exit sign as well as emergency light
 - Maintained and non-maintained option
 - Surface and recessed mounting positions
 - Hanging exit sign plate available
 - IP65 and IK10 (vandal resistant) for external uses
 - BESA box fitting points



▲ Both up and down legends included



LED Indicator (Self-test version)

- | | | | |
|----------------------------|-------------------------|--------------------------|-------------------------|
| ● Green | System Healthy | ● Red | Battery Charging Fault |
| ⬆ Green Flash 1 per second | Duration Test Pending | ⬆ Red Flash 2 per second | Battery Duration Fault |
| ⬆ Green Flash 2 per second | Duration Test Running | ⬆ Red Flash 4 per second | Lamp or Luminaire Fault |
| ⬆ Green Flash 4 per second | Functional Test Running | | |

Standard Emergency

Self-test Emergency

Standard (Exit sign up & down included)

Order Code	Input Power (max)	Emergency Output Power	CCT	Lumen	Trade Price
ESGN0305R65	6W	3W	6500K	60lm (Emergency) 150lm (Lighting)	£97.31

Self-test (Exit sign up & down included)

Order Code	Input Power (max)	Emergency Output Power	CCT	Lumen	Trade Price
ESGN0305R65/S	6W	3W	6500K	40lm (Emergency) 130lm (Lighting)	£110.65

3 **3 Years**
Standard Warranty

5 **5 Years**
Extended Warranty

1000V
Surge Protection

General Specification

Input Voltage	220-240Vac
Input Current (max)	52mA
Life Time	40,000h
Emergency Conversion Time	1s
Emergency Operation Time	3h
Charging Time	12h
Battery Life	4 Years
Ambient Temp	-10°C to 40°C
Maximum Case Temp	75°C



↔ P53
Spacing table

Order Code

ESGN0305R65
ESGN0305R65/S

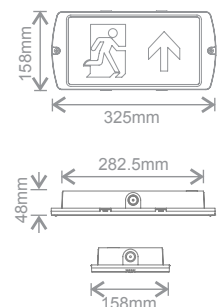
Wall-mount



Order Code

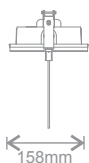
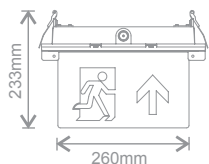
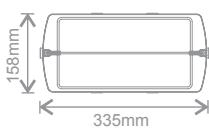
ESGN02-PSL
ESGN02-PSR

Dimensions

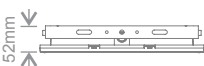
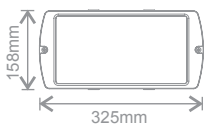


Recessed ceiling-mount**Order Code**

ESGN-PFR
 ESGN01-PSLR
 ESGN01-PSU
 ESGN01-PSD

Dimensions**Tilt wall-mount****Order Code**

ESGN-PFW

Dimensions**Accessories (Wall-mount)**

Order Code	Description	Trade Price
ESGN02-PSL	Exit Sign Left	£3.92
ESGN02-PSR	Exit Sign Right	£3.92

Accessories (Recessed ceiling-mount)

Order Code	Description	Trade Price
ESGN-PFR	Spring clips for recessed installation	£12.46
ESGN01-PSLR	Hanging Exit Sign Left & Right	£42.95
ESGN01-PSU	Hanging Exit Sign Up	£42.95
ESGN01-PSD	Hanging Exit Sign Down	£42.95

Accessory (Tilt wall-mount)

Order Code	Description	Trade Price
ESGN-PFW	Wall-mount tilting bracket	£19.34

Batteries

Order Code	Type	Capacity	Voltage	Trade Price
KBAT1500NC8 (for standard)	Nickel Cadmium	1500mAh	4.8V	£24.49
KBAT2000LI1 (for standard)	Li-ion	2000mAh	3.6V	£42.48
KBAT2600LI1 (for self-test)	Li-ion	2600mAh	3.6V	£46.50

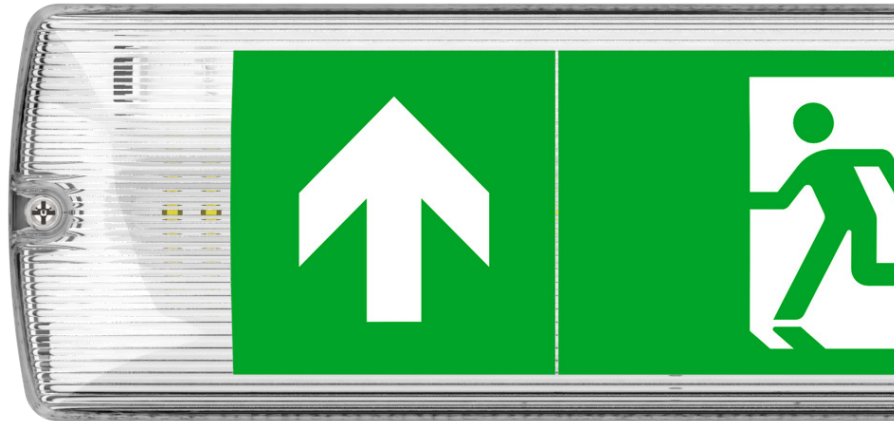
Mulu

Standard/Self-test IP65 LED emergency exit sign bulkhead

Battery warranty

4
YEAR

- All legends included
- Maintained and non-maintained option
 - 20mm Conduit entry
- IP65 and IK10 (vandal resistant) for internal & external uses.
- Dual entry push-wire terminal block for easy loop-in loop-out wiring
 - Available in self-test version
 - BESA box fitting points



▲ Rotatable arrow sign

LED Indicator (Self-test version)

- | | | | |
|----------------------------|-------------------------|--------------------------|-------------------------|
| ● Green | System Healthy | ● Red | Battery Charging Fault |
| ⬆ Green Flash 1 per second | Duration Test Pending | ⬆ Red Flash 2 per second | Battery Duration Fault |
| ⬆ Green Flash 2 per second | Duration Test Running | ⚡ Red Flash 4 per second | Lamp or Luminaire Fault |
| ⚡ Green Flash 4 per second | Functional Test Running | | |



Standard (All exit signs included)

Order Code	Input Power (max)	Emergency Output Power	CCT	Lumen	Trade Price
MUL0105	5W	1W	6500K	80lm	£41.56
EESN0105S65-BLK	5W	1W	6500K	40lm	£43.98

Self-test (All exit signs included)

Order Code	Input Power (max)	Emergency Output Power	CCT	Lumen	Trade Price
EESN0105S65/S	5W	1W	6500K	70lm (Emergency) 200lm (Lighting)	£77.03
EESN0105S65/S-BLK	5W	1W	6500K	50lm (Emergency) 130lm (Lighting)	£74.73

Batteries

Order Code	Type	Capacity	Voltage	Trade Price
BAT15NC3 (for standard)	Nickel Cadmium	1500mAh	3.6V	£14.21
KBAT2000L11 (for standard black)	Li-ion	2000mAh	3.6V	£42.48
KBAT2600L11 (for self-test)	Li-ion	2600mAh	3.6V	£46.50

- 3** 3 Years Standard Warranty
- 5** 5 Years Extended Warranty
- 1000V** Surge Protection



General Specification

Input Voltage	220-240Vac
Input Current (max)	46mA
Life Time	40,000h
Emergency Conversion Time	1s
Emergency Operation Time	3h
Charging Time	12h
Battery Life	4 Years
Ambient Temp	-10°C to 40°C
Maximum Case Temp	75°C

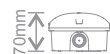


☞ P53 Spacing table

Order Code

MUL0105
EESN0105S65-BLK
EESN0105S65/S
EESN0105S65/S-BLK

Dimensions

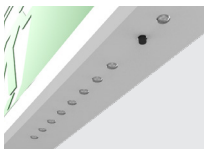


MUL0105



EESN0105S65-BLK
EESN0105S65/S
EESN0105S65/S-BLK

- 3** 3 Years Standard Warranty
- 5** 5 Years Extended Warranty



Under lights

Kalem

Standard/Self-test LED panel exit sign box

- Slim profile LED panel
- Uniform back light
- Hidden slot at the frame for attaching exit sign film
- Maintained and non-maintained options
- Available in self-test version

4 YEAR Battery warranty



▲ Rotatable arrow sign 

General Specification

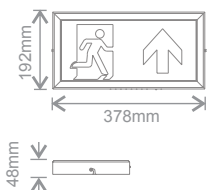
Input Voltage	220-240Vac
Input Current (max)	53mA
Life Time	40,000h
Emergency Conversion Time	1s
Emergency Operation Time	3h
Charging Time	24h
Battery Life	4 Years
Ambient Temp	0°C to 40°C
Maximum Case Temp	75°C



Order Code

EESN0105Q
EESN0105Q/S

Dimensions



LED Indicator (Self-test version)

● Green	System Healthy	● Red	Battery Charging Fault
⬆ Green Flash 1 per second	Duration Test Pending	⬆ Red Flash 2 per second	Battery Duration Fault
⬆ Green Flash 2 per second	Duration Test Running	⬆ Red Flash 4 per second	Lamp or Luminaire Fault
⬆ Green Flash 4 per second	Functional Test Running		



Standard (All exit signs included)

Order Code	Input Power (max)	Emergency Output Power	CCT	Lumen	Trade Price
EESN0105Q	5W	1W	6500K	80lm	£90.83

Self-test (All exit signs included)

Order Code	Input Power (max)	Emergency Output Power	CCT	Lumen	Trade Price
EESN0105Q/S	5W	1W	6500K	80lm	£142.87

Batteries

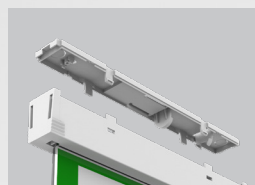
Order Code	Type	Capacity	Voltage	Trade Price
KBAT2000LI2 (for standard)	Li-ion	2000mAh	3.6V	£13.69
KBAT2600LI1 (for self-test)	Li-ion	2600mAh	3.6V	£46.50

Doxa 5 in 1 Edge-lit Exit Signs



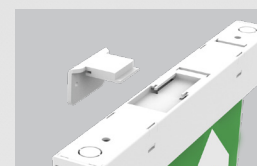
Ceiling suspended mount

Ceiling mount kit Included in the packaging with 1.5m transparent mains cable



Ceiling surface-mount

Fixing the back plate to the ceiling per diagram. No additional accessory is required.



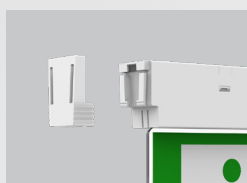
Wall-mount

Fixing clip is placed at the top of fitting, once installed the fitting can be easily slotted in and locked in



Recessed mount

Recessed installation kit is included



Side Wall-mount

The end caps are also used as fixing clips allowing the fitting to be installed to the side on the wall.

3 3 Years
Standard Warranty

5 5 Years
Extended Warranty

Doxa Upgrade
Jan. 2022

Standard/Self-test
Exit sign with multiple mounting positions

- 5 mounting positions
- Integrated mounting clips
- Maintained or non-maintained operation
- Different exit sign plates available
- Available in self-test version

4 YEAR Battery warranty



LED Indicator (Self-test version)

- Green System Healthy
- Green Flash 1 per second Duration Test Pending
- Green Flash 2 per second Duration Test Running
- Green Flash 4 per second Functional Test Running
- Red Battery Charging Fault
- Red Flash 2 per second Battery Duration Fault
- Red Flash 4 per second Lamp or Luminaire Fault

Standard Emergency

Self-test Emergency

General Specification

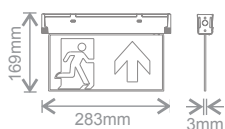
Input 220-240Vac
Voltage 50-60Hz
Input Current (max) 30mA
Life Time 40,000h
Emergency Conversion Time 1s
Emergency Operation Time 3h
Charging Time 24h
Battery Life 4 Years
Ambient Temp 0°C to 40°C



Order Code

DOX0103DW
DOX0103UP
DOX0103DW/ST
DOX0103UP/ST
EESN02-PSLR

Dimensions



Standard (Exit sign up included)

Order Code	Input Power (max)	Emergency Output Power	CCT	Lumen	Trade Price
DOX0103DW (with down legend)	3W	1W	6500K	30lm (Emergency)	£89.26
DOX0103UP (with up legend)				50lm (Lighting)	

Self-test (Exit sign up included)

Order Code	Input Power (max)	Emergency Output Power	CCT	Lumen	Trade Price
DOX0103DW/ST (with down legend)	3W	1W	6500K	30lm (Emergency)	£115.70
DOX0103UP/ST (with up legend)				50lm (Lighting)	

Accessories

Order Code	Description	Trade Price
EESN02-PSLR	Exit Sign Left/Right	£15.93

Batteries

Order Code	Type	Capacity	Voltage	Trade Price
KBAT2000LI1 (for standard)	Li-ion	2000mAh	3.6V	£42.48
KBAT2600LI1 (for self-test)	Li-ion	2600mAh	3.6V	£46.50

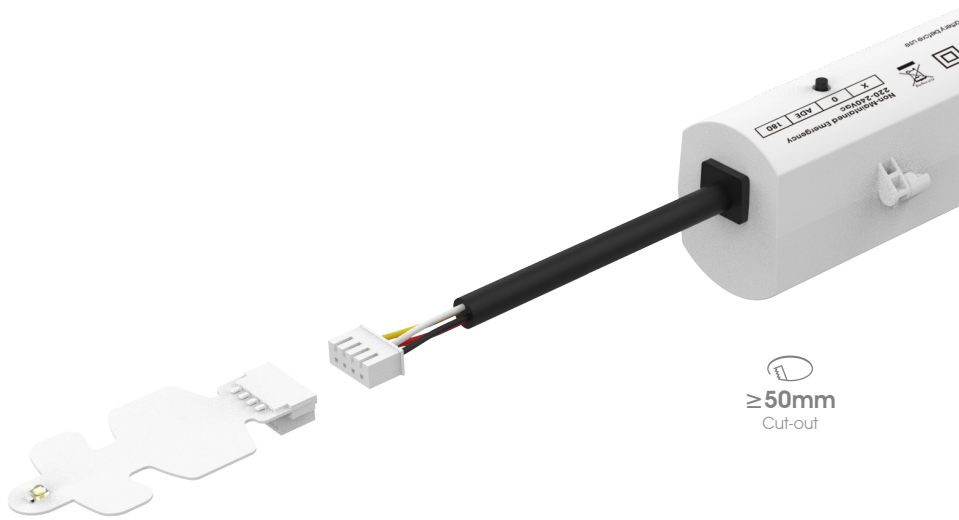
NEW Available Jan. 2022 **Neka**

Universal Non-maintained emergency kit for downlights

Battery warranty **4** YEAR

- Non-maintained, >3hrs
- Self-Adhesive LED Pad

- 3** 3 Years Standard Warranty
- 5** 5 Years Extended Warranty



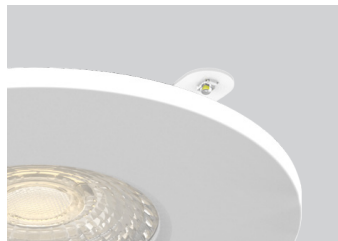
Push-wire terminal block included

General Specification

Input Voltage	220-240Vac
Input Current (max)	32mA
Life Time	30,000h
Emergency Conversion Time	1s
Emergency Operation Time	3h
Charging Time	24h
Battery Life	4 Years
Ambient Temp	0°C to 45°C
Maximum Case Temp	75°C



Toba



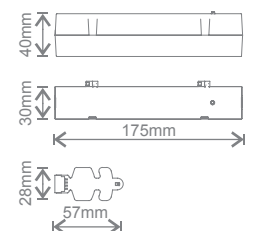
Mauna



Order Code

EMPAD01

Dimensions



Order Code	Input Power (max)	Emergency Output Power	CCT	Lumen	Trade Price
EMPAD01	1.5W	1W	6000K	100lm	£39.49

Battery

Order Code	Type	Capacity	Voltage	Trade Price
KBAT2000LI1	Li-ion	2000mAh	3.6V	£42.48

Patent

- 3** 3 Years Standard Warranty
- 5** 5 Years Extended Warranty
- ⚡** 1000V Surge Protection

Nitro Upgrade Jan. 2022

Standard non-maintained emergency downlight

- Standard and corridor version with different lens
- Non-maintained, >3hrs

4 YEAR Battery warranty



Push-wire terminal block included

General Specification

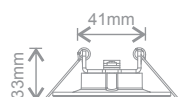
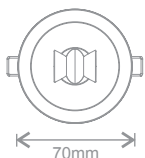
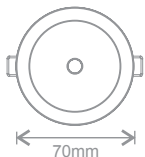
Input Voltage	220-240Vac
Input Current (max)	32mA
Life Time	40,000h
Emergency Conversion Time	1s
Emergency Operation Time	3h
Charging Time	24h
Battery Life	4 Years
Ambient Temp	0°C to 45°C
Maximum Case Temp	75°C



Order Code

NTR03
NTR03-CHM
NTR03-BAS
NTR03-BLK
NTR03/COR

Dimensions



▲ Standard White

50mm
Cut-out



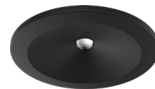
▲ Corridor White



Standard Brass



Standard Chrome



Standard Black



Standard Lens

Order Code	Finish	Input Power (max)	Emergency Output Power	Beam Angle	CCT	Lumen	Trade Price
NTR03	White	3W	1.3W	45°	6500K	150lm	£46.49
NTR03-CHM	Chrome	3W	1.3W	45°	6500K	150lm	£47.45
NTR03-BAS	Brass	3W	1.3W	45°	6500K	150lm	£47.45
NTR03-BLK	Black	3W	1.3W	45°	6500K	130lm	£46.49

Corridor Lens

Order Code	Finish	Input Power (max)	Emergency Output Power	Beam Angle	CCT	Lumen	Trade Price
NTR03/COR	White	3W	1.3W	25°(Transverse) 120°(Axial)	6500K	200lm	£46.99

Battery

Order Code	Type	Capacity	Voltage	Trade Price
KBAT2000LI1	Li-ion	2000mAh	3.6V	£42.48

Nitro Self-test

Self-test non-maintained emergency downlight

- Self-test function conforming to EN 62034
 - Non-Maintained, >3hrs
 - Built-in LED status indicator

Battery warranty **4** YEAR

- 3** 3 Years Standard Warranty
- 5** 5 Years Extended Warranty
- 1000V** Surge Protection



Push-wire terminal block included



58mm
Cut-out

General Specification

Input Voltage	220-240Vac
	50-60Hz
Input Current (max)	32mA
Life Time	40,000h
Emergency Conversion Time	1s
Emergency Operation Time	3h
Charging Time	24h
Battery Life	4 Years
Ambient Temp	0°C to 45°C
Maximum Case Temp	75°C



LED Indicator (Self-test version)

● Green	System Healthy	● Red	Battery Charging Fault
⬇ Green Flash 1 per second	Duration Test Pending	⬇ Red Flash 2 per second	Battery Duration Fault
⬆ Green Flash 2 per second	Duration Test Running	⬆ Red Flash 4 per second	Lamp or Luminaire Fault
⬆ Green Flash 4 per second	Functional Test Running		



Order Code

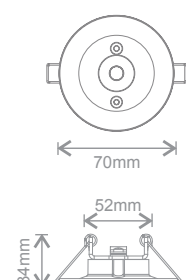
NTR03/ST

Order Code	Finish	Input Power (max)	Emergency Output Power	Beam Angle	CCT	Lumen	Trade Price
NTR03/ST	White	3W	1.2W	45°	6000K	150lm	£64.70

Battery

Order Code	Type	Capacity	Voltage	Trade Price
KBAT2600LI1	Li-ion	2600mAh	3.6V	£46.50

Dimensions



3 3 Years
Standard Warranty

5 5 Years
Extended Warranty

1000V
Surge Protection



Nitro Surface

Standard/Self-test
Surface-mount non-maintained emergency downlight

- Slim profile
- Non-maintained, >3hrs
- Option of standard and self-test models
- Available in white or black
- Available in self-test version

4 YEAR Battery warranty



General Specification

Input Voltage 220-240Vac
50-60Hz

Input Current (max) 25mA (Standard)
27mA (Selftest)

Life Time 40,000h

Emergency Conversion Time 1s

Emergency Operation Time 3h

Charging Time 12h

Battery Life 4 Years

Ambient Temp 0°C to 45°C

Maximum Case Temp 75°C



LED Indicator (Self-test version)

- Green System Healthy
- Red Battery Charging Fault
- Green Flash 1 per second Duration Test Pending
- Red Flash 2 per second Battery Duration Fault
- Green Flash 2 per second Duration Test Running
- Red Flash 4 per second Lamp or Luminaire Fault
- Green Flash 4 per second Functional Test Running

Standard Emergency

Self-test Emergency

Standard

Order Code	Finish	Input Power (max)	Emergency Output Power	Beam Angle	CCT	Lumen	Trade Price
ESFC03CS20/STD	White	2.3W	1W	45°	6500K	150lm	£72.89
ESFC03CS20/STD-BLK	Black	2.3W	1W	45°	6500K	120lm	£83.12

Self-test

Order Code	Finish	Input Power (max)	Emergency Output Power	Beam Angle	CCT	Lumen	Trade Price
ESFC03CS20/S-STD	White	3.3W	1.3W	45°	6000K	100lm	£79.00
ESFC03CS20/S-STD-BLK	Black	3.3W	1.3W	45°	6000K	70lm	£90.09

Batteries

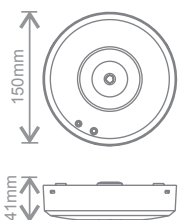
Order Code	Type	Capacity	Voltage	Trade Price
KBAT2200LI1 (for standard)	Li-ion	2200mAh	3.6V	£38.91
KBAT2600LI1 (for self-test)	Li-ion	2600mAh	3.6V	£46.50

Order Code

ESFC03CS20/STD
ESFC03CS20/STD-BLK

ESFC03CS20/S-STD
ESFC03CS20/S-STD-BLK

Dimensions



Orda II

Standard/Self-test High-Efficient Twin spot LED emergency light

Battery warranty

4
YEAR



- High efficiency of 157lm/W
- High output of 470lm, replaces previous model of 7W Orda
 - Ceiling mount option and accessories included
 - Compact in size
 - Twin fully adjustable heads allow best light coverage
 - Non-maintained, >3hrs
 - IP65, IK10
 - Options of white and black finish
 - BESA box fitting points

3 3 Years
Standard Warranty

5 5 Years
Extended Warranty

⚡ 2000V
Surge Protection



Mounting on trunking

LED Indicator (Self-test version)

- | | | | |
|----------------------------|-------------------------|--------------------------|-------------------------|
| ● Green | System Healthy | ● Red | Battery Charging Fault |
| ⬆ Green Flash 1 per second | Duration Test Pending | ⬆ Red Flash 2 per second | Battery Duration Fault |
| ⬆ Green Flash 2 per second | Duration Test Running | ⚡ Red Flash 4 per second | Lamp or Luminaire Fault |
| ⚡ Green Flash 4 per second | Functional Test Running | | |

Standard Emergency

Self-test Emergency

Standard

Order Code	Emergency Output Power	Beam Angle	Finish	CCT	Lumen	Trade Price
KEMLO3TS3	3W	100°	White Black	6500K	470lm	£107.16

Self-test

Order Code	Emergency Output Power	Beam Angle	Finish	CCT	Lumen	Trade Price
KEMLO3TS3/S	3W	100°	White Black	6500K	470lm	£113.87

Batteries

Order Code	Type	Capacity	Voltage	Trade Price
KBAT2600LI2 (for standard)	Li-ion	2600mAh	7.2V	£46.49
KBAT5200LI2 (for self-test)	Li-ion	5200mAh	3.6V	£66.02

General Specification

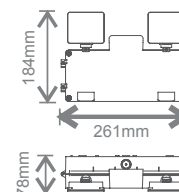
Input Voltage 220-240Vac
50-60Hz
Input Current (max) 20mA (Standard)
24mA (Selftest)
CRI 80
Life Time 40,000h
Emergency Conversion Time 1s
Emergency Operation Time 3h
Charging Time 24h
Battery Life 4 Years
Ambient Temp 0°C to 45°C
Maximum Case Temp 75°C



Order Code

KEMLO3TS3-WHT
KEMLO3TS3-BLK
KEMLO3TS3/S-WHT
KEMLO3TS3/S-BLK

Dimensions



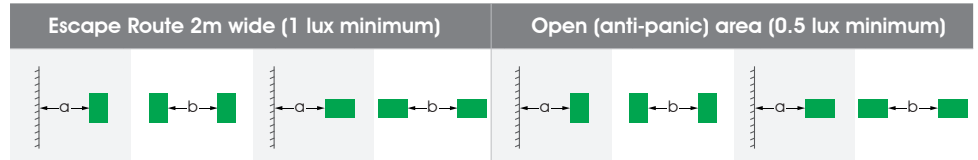
Emergency lighting spacing table guide

Lumen: 140lm

Lumen (w/ Flush Mounted Exit Sign): 60lm

Lumen (w/ Hanging Exit Sign): 90lm

Manot ESGN0305R65 Emergency Mode

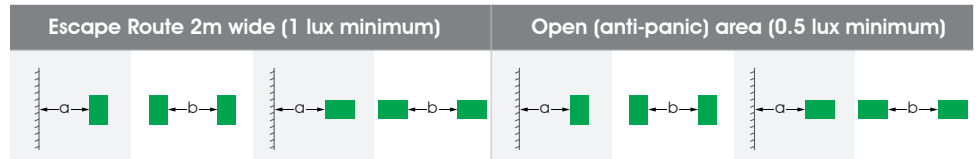


Luminaire Type	Mounting Height (m)	Lux Level directly under*	Transverse to wall (m)	Transverse to transverse (m)	Axial to wall (m)	Axial to axial (m)	Transverse to wall (m)	Transverse to transverse (m)	Axial to wall (m)	Axial to axial (m)
Without Exit Sign										
ESGN0305R65	2.5m	8.73 lux	3.2m	8.1m	3.2m	8.2m	4m	9.89m	4.1m	10.1m
	3m	6.05 lux	3.3m	8.7m	3.4m	8.8m	4.3m	10.7m	4.3m	10.9m
	4m	4.44 lux	3.4m	9.1m	3.4m	9.2m	4.5m	11.4m	4.5m	11.6m
With Flush Mounted Exit Sign										
ESGN0305R65	2.5m	3.74 lux	3m	6.2m	3m	6.1m	3m	7.7m	3m	7.8m
	3m	2.59 lux	3m	6.3m	3m	6.4m	3.1m	8.2m	3.1m	8.3m
	4m	1.90 lux	3m	6.4m	3m	6.5m	3.2m	8.6m	3.2m	8.7m
With Hanging Exit Sign										
ESGN0305R65	2.5m	5.62 lux	3m	7m	3m	7.1m	3.5m	8.7m	3.5m	8.89m
	3m	3.89 lux	3m	7.4m	3m	7.5m	3.7m	9.39m	3.7m	9.5m
	4m	2.85 lux	3m	7.7m	3m	7.8m	3.8m	9.89m	3.8m	10m

Lumen: 150lm

Lumen (w/ Exit Sign): 70lm

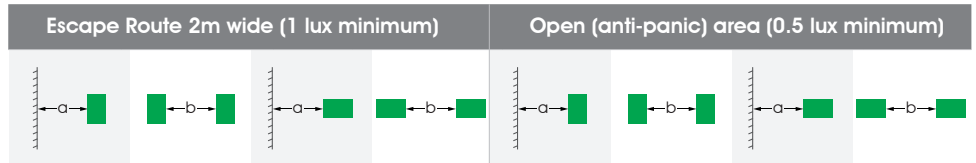
Mulu MUL0105 Emergency Mode



Luminaire Type	Mounting Height (m)	Lux Level directly under*	Transverse to wall (m)	Transverse to transverse (m)	Axial to wall (m)	Axial to axial (m)	Transverse to wall (m)	Transverse to transverse (m)	Axial to wall (m)	Axial to axial (m)
Without Exit Sign										
MUL0105	2.5m	11.8 lux	3.5m	8.5m	3.6m	9.2m	4.3m	10.3m	4.5m	11.3m
	3m	8.16 lux	3.7m	9.2m	3.8m	9.8m	4.6m	11.2m	4.8m	12.2m
	4m	5.98 lux	3.8m	9.7m	3.9m	10.3m	4.9m	12m	5.1m	12.9m
With Exit Sign										
MUL0105	2.5m	4.34 lux	3m	6.2m	3m	6.5m	3.1m	7.8m	3.2m	8.3m
	3m	3.01 lux	3m	6.5m	3m	6.8m	3.3m	8.39m	3.3m	8.8m
	4m	2.2 lux	3m	6.7m	3m	6.9m	3.4m	8.8m	3.4m	9.2m

Nitro NTR03 Emergency Mode

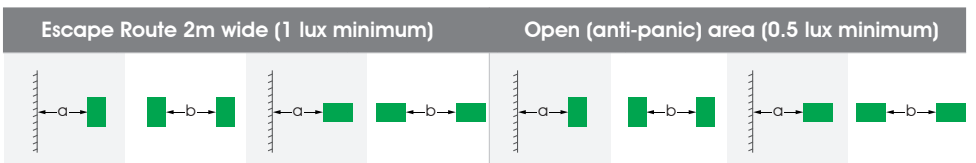
Lumen: 500lm



Luminaire Type	Mounting Height (m)	Lux Level directly under*	Transverse to wall (m)	Transverse to transverse (m)	Axial to wall (m)	Axial to axial (m)	Transverse to wall (m)	Transverse to transverse (m)	Axial to wall (m)	Axial to axial (m)
NTR03	2.5m	29.1 lux	3m	6.1m	3m	6.1m	3m	8.1m	3m	8.1m
	3m	20.2 lux	3m	6.2m	3m	6.2m	3.1m	8.3m	3.1m	8.3m
	4m	11.4 lux	3m	6.5m	3m	6.5m	3.2m	8.7m	3.2m	8.7m
	6m	5.05 lux	3m	7.4m	3m	7.4m	3.7m	9.39m	3.7m	9.39m

Nitro NTR03/COR Emergency Mode

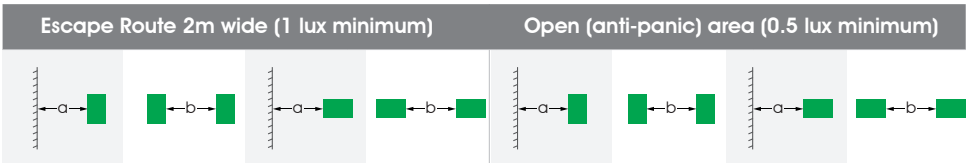
Lumen: 200lm



Luminaire Type	Mounting Height (m)	Lux Level directly under*	Transverse to wall (m)	Transverse to transverse (m)	Axial to wall (m)	Axial to axial (m)	Transverse to wall (m)	Transverse to transverse (m)	Axial to wall (m)	Axial to axial (m)
NTR03/COR	2.5m	28.4 lux	3m	6.7m	5m	9.89m	3.2m	9m	5.9m	10.9m
	3m	19.7 lux	3m	6.4m	5.5m	10.9m	3.2m	9.39m	6.5m	11.9m
	4m	11.1 lux	2.9m	6.1m	6.3m	12.9m	3m	9.39m	7.6m	14.9m
	6m	4.93 lux	2.9m	6.1m	7.2m	16.9m	3m	8.2m	9.1m	18.9m

Alden ALD30 Emergency Mode

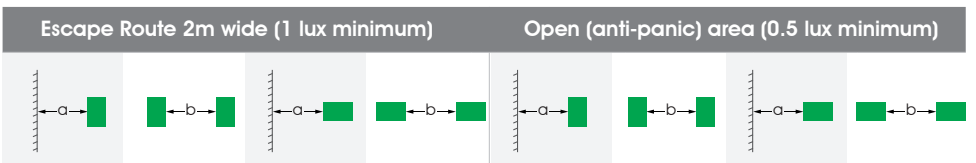
Lumen: 500lm



Luminaire Type	Mounting Height (m)	Lux Level directly under*	Transverse to wall (m)	Transverse to transverse (m)	Axial to wall (m)	Axial to axial (m)	Transverse to wall (m)	Transverse to transverse (m)	Axial to wall (m)	Axial to axial (m)
ALD30	2.5m	22.5 lux	4.5m	11.2m	4.5m	11.2m	5.6m	13.5m	5.6m	13.5m
	3m	15.7 lux	4.9m	12.1m	4.9m	12.1m	6.0m	14.7m	6.0m	14.7m
	4m	8.9 lux	5.4m	13.6m	5.4m	13.6m	6.8m	16.7m	6.8m	16.7m
	6m	4.0 lux	5.7m	15.5m	5.7m	15.5m	7.7m	19.7m	7.7m	19.7m

Alden-Pro ALD1206 Emergency Mode

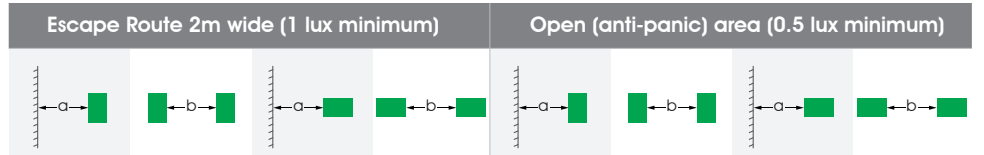
Lumen: 500lm



Luminaire Type	Mounting Height (m)	Lux Level directly under*	Transverse to wall (m)	Transverse to transverse (m)	Axial to wall (m)	Axial to axial (m)	Transverse to wall (m)	Transverse to transverse (m)	Axial to wall (m)	Axial to axial (m)
ALD1206	2.5m	21.4 lux	4.6m	11.3m	4.6m	11.3m	5.6m	13.6m	5.6m	13.6m
	3m	15.0 lux	4.9m	12.2m	4.9m	12.2m	6.1m	14.8m	6.1m	14.8m
	4m	8.56 lux	5.4m	13.7m	5.4m	13.7m	6.8m	16.8m	6.8m	16.8m
	6m	3.84 lux	5.7m	15.5m	5.7m	15.5m	7.7m	19.7m	7.7m	19.7m



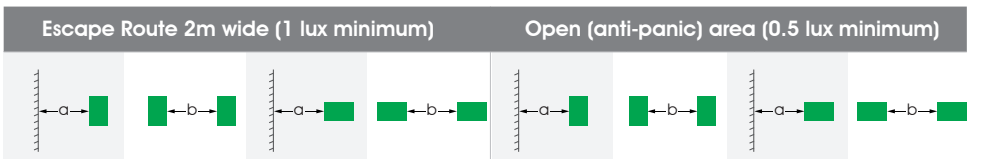
Blanca KBHDDC6S65 (w/ KLED12STD) Emergency Mode Lumen: 260lm



Luminaire Type	Mounting Height (m)	Lux Level directly under*	Escape Route 2m wide (1 lux minimum)				Open (anti-panic) area (0.5 lux minimum)			
			Transverse to wall (m)	Transverse to transverse (m)	Axial to wall (m)	Axial to axial (m)	Transverse to wall (m)	Transverse to transverse (m)	Axial to wall (m)	Axial to axial (m)
KBHDDC6S65/E w/ KLED12STD	2.5m	16.2 lux	4.1m	10.1m	4.1m	10.1m	5m	12.4m	5m	12.4m
	3m	11.2 lux	4.3m	10.9m	4.3m	10.9m	5.4m	13.4m	5.4m	13.4m
	4m	6.23 lux	4.6m	12.1m	4.6m	12.1m	6m	15.1m	6m	15.1m
	6m	2.75 lux	4.6m	13.3m	4.6m	13.3m	6.6m	17.4m	6.6m	17.4m



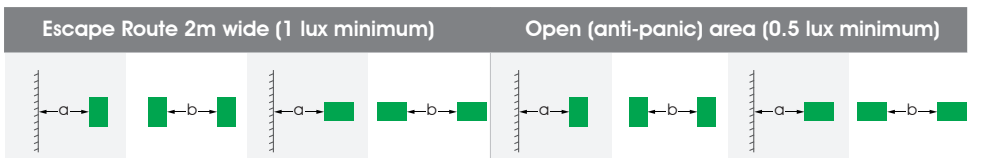
Blanca KBHDDC6S65 (w/ KLED18STD) Emergency Mode Lumen: 297lm



Luminaire Type	Mounting Height (m)	Lux Level directly under*	Escape Route 2m wide (1 lux minimum)				Open (anti-panic) area (0.5 lux minimum)			
			Transverse to wall (m)	Transverse to transverse (m)	Axial to wall (m)	Axial to axial (m)	Transverse to wall (m)	Transverse to transverse (m)	Axial to wall (m)	Axial to axial (m)
KBHDDC6S65/E w/ KLED18STD	2.5m	17 lux	4.1m	10.2m	4.1m	10.2m	5.1m	12.5m	5.1m	12.5m
	3m	11.7 lux	4.4m	11m	4.4m	11m	5.5m	13.5m	5.5m	13.5m
	4m	6.53 lux	4.69m	12.2m	4.69m	12.2m	6.1m	15.2m	6.1m	15.2m
	6m	2.88 lux	4.8m	13.5m	4.8m	13.5m	6.7m	17.6m	6.7m	17.6m



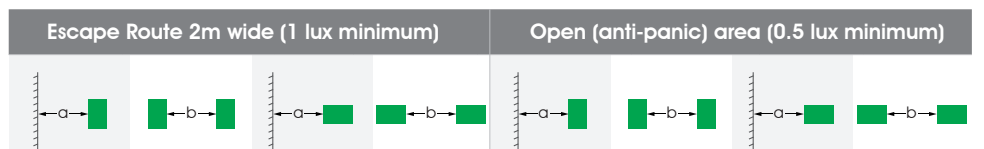
Blanca-i KBHCT12C6S65/E Emergency Mode Lumen: 120lm



Luminaire Type	Mounting Height (m)	Lux Level directly under*	Escape Route 2m wide (1 lux minimum)				Open (anti-panic) area (0.5 lux minimum)			
			Transverse to wall (m)	Transverse to transverse (m)	Axial to wall (m)	Axial to axial (m)	Transverse to wall (m)	Transverse to transverse (m)	Axial to wall (m)	Axial to axial (m)
KBHCT12C6S65/E	2.5m	7.58 lux	3.1m	8m	3.1m	8m	4m	9.89m	4m	9.89m
	3m	5.23 lux	3.2m	8.39m	3.2m	8.39m	4.19m	10.7m	4.19m	10.7m
	4m	2.92 lux	3.2m	9m	3.2m	9m	4.5m	11.8m	4.5m	11.8m
	6m	1.29 lux	3m	8.89m	3m	8.89m	4.4m	12.9m	4.4m	12.9m



Ossa KBHDDC9S65 (w/ K2DC9-18STD) Emergency Mode Lumen: 120lm

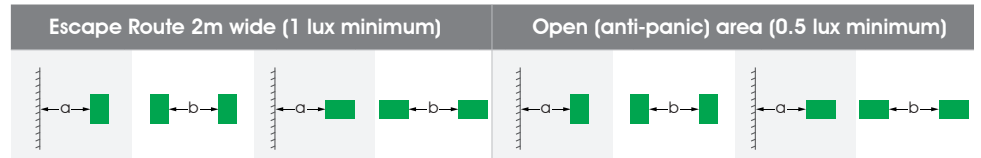


Luminaire Type	Mounting Height (m)	Lux Level directly under*	Escape Route 2m wide (1 lux minimum)				Open (anti-panic) area (0.5 lux minimum)			
			Transverse to wall (m)	Transverse to transverse (m)	Axial to wall (m)	Axial to axial (m)	Transverse to wall (m)	Transverse to transverse (m)	Axial to wall (m)	Axial to axial (m)
KBHDDC9S65 w/ K2DC9-18STD	2.5m	5.6 lux	2.7m	7.1m	2.7m	7.1m	3.5m	8.89m	3.5m	8.89m
	3m	3.9 lux	2.8m	7.5m	2.8m	7.5m	3.7m	9.6m	3.7m	9.6m
	4m	2.2 lux	2.6m	7.9m	2.6m	7.8m	3.9m	10.5m	3.9m	10.5m
	5m	1.4 lux	2.0m	7.8m	2.0m	7.8m	3.9m	11.0m	3.9m	11.0m



Polo POL12-SCT/E Emergency Mode

Lumen: 110lm

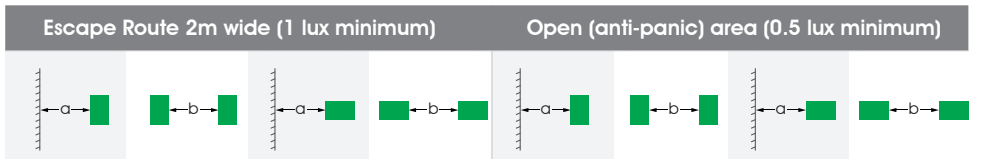


Luminaire Type	Mounting Height (m)	Lux Level directly under*	Escape Route 2m wide (1 lux minimum)				Open (anti-panic) area (0.5 lux minimum)			
			Transverse to wall (m)	Transverse to transverse (m)	Axial to wall (m)	Axial to axial (m)	Transverse to wall (m)	Transverse to transverse (m)	Axial to wall (m)	Axial to axial (m)
POL12-SCT/E	2.5m	4.44 lux	2.6m	6.9m	2.6m	6.9m	3.4m	8.8m	3.4m	8.8m
	3m	3.06 lux	2.6m	7.2m	2.6m	7.2m	3.6m	9.3m	3.6m	9.3m
	4m	1.71 lux	2.2m	7.3m	2.2m	7.3m	3.6m	10.1m	3.6m	10.1m

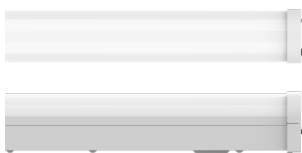


Niva II KBTN30LS4/SCT Emergency Mode

Lumen: 600lm

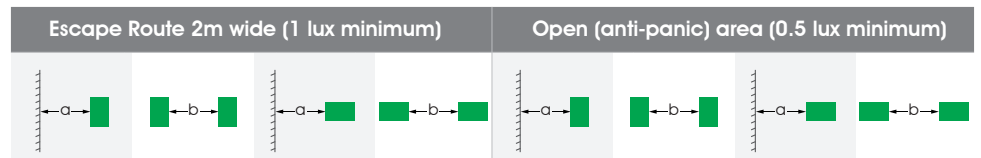


Luminaire Type	Mounting Height (m)	Lux Level directly under*	Escape Route 2m wide (1 lux minimum)				Open (anti-panic) area (0.5 lux minimum)			
			Transverse to wall (m)	Transverse to transverse (m)	Axial to wall (m)	Axial to axial (m)	Transverse to wall (m)	Transverse to transverse (m)	Axial to wall (m)	Axial to axial (m)
KBTN30LS4/SCT	2.5m	18.8 lux	4.9m	12.6m	4.3m	10.6m	6.3m	15.8m	5.3m	12.8m
	3m	13.2 lux	5.2m	13.4m	4.6m	11.4m	6.7m	16.9m	5.7m	13.9m
	4m	7.5 lux	5.5m	14.5m	5.0m	12.8m	7.2m	18.6m	6.4m	15.8m
	6m	3.4 lux	5.6m	15.9m	5.2m	14.4m	7.9m	20.9m	7.2m	18.5m



Niva II KBTN50LS3/SCT Emergency Mode

Lumen: 600lm

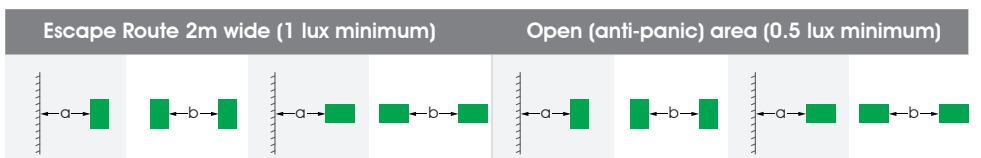


Luminaire Type	Mounting Height (m)	Lux Level directly under*	Escape Route 2m wide (1 lux minimum)				Open (anti-panic) area (0.5 lux minimum)			
			Transverse to wall (m)	Transverse to transverse (m)	Axial to wall (m)	Axial to axial (m)	Transverse to wall (m)	Transverse to transverse (m)	Axial to wall (m)	Axial to axial (m)
KBTN50LS3/SCT	2.5m	19.2 lux	4.9m	12.6m	4.3m	10.6m	6.3m	15.8m	5.3m	12.9m
	3m	13.5 lux	5.2m	13.4m	4.6m	11.5m	6.7m	16.8m	5.7m	14.0m
	4m	7.7 lux	5.5m	14.6m	5.0m	12.9m	7.3m	18.6m	6.4m	16.0m
	6m	3.4 lux	5.7m	15.9m	5.3m	14.5m	7.9m	21.0m	7.2m	18.7m



Mira MIR5FT50/E Emergency Mode

Lumen: 320lm

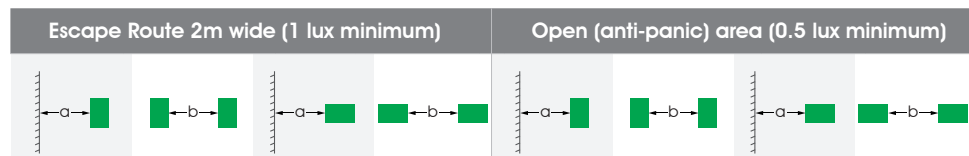


Luminaire Type	Mounting Height (m)	Lux Level directly under*	Escape Route 2m wide (1 lux minimum)				Open (anti-panic) area (0.5 lux minimum)			
			Transverse to wall (m)	Transverse to transverse (m)	Axial to wall (m)	Axial to axial (m)	Transverse to wall (m)	Transverse to transverse (m)	Axial to wall (m)	Axial to axial (m)
MIR5FT50/E	2.5m	10.5 lux	3.9m	10.2m	3.6m	9.0m	5.1m	12.9m	4.5m	11.0m
	3m	7.4 lux	4.1m	10.8m	3.8m	9.7m	5.4m	13.7m	4.8m	12.0m
	4m	4.2 lux	4.2m	11.5m	3.9m	10.6m	5.7m	15.0m	5.3m	13.4m
	6m	1.9 lux	3.7m	12.0m	3.5m	11.2m	6.0m	16.5m	5.6m	15.2m



Trent KBTN27-48LS14/SCT/E Emergency Mode

Lumen: 600lm

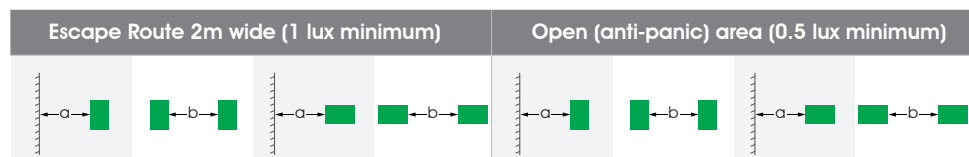


Luminaire Type	Mounting Height (m)	Lux Level directly under*	Escape Route 2m wide (1 lux minimum)				Open (anti-panic) area (0.5 lux minimum)			
			Transverse to wall (m)	Transverse to transverse (m)	Axial to wall (m)	Axial to axial (m)	Transverse to wall (m)	Transverse to transverse (m)	Axial to wall (m)	Axial to axial (m)
KBTN27-48LS14 /SCT/E	2.5m	18.1 lux	4.5m	11.2m	4.5m	11.2m	5.6m	13.8m	5.6m	13.8m
	3m	12.7 lux	4.8m	12.1m	4.8m	12.1m	6.0m	14.9m	6.0m	14.9m
	4m	7.3 lux	5.2m	13.4m	5.2m	13.4m	6.7m	16.7m	6.7m	16.7m
	6m	3.2 lux	5.3m	14.9m	5.3m	14.9m	7.4m	19.3m	7.4m	19.3m

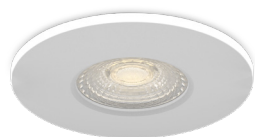


Avon III AVO6FT60/E Emergency Mode

Lumen: 350lm

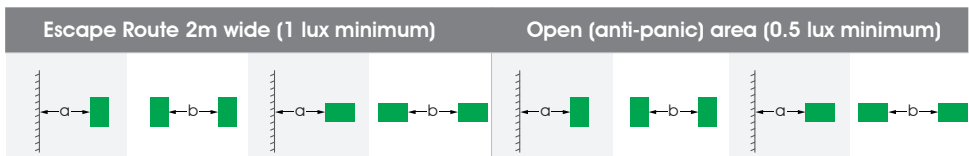


Luminaire Type	Mounting Height (m)	Lux Level directly under*	Escape Route 2m wide (1 lux minimum)				Open (anti-panic) area (0.5 lux minimum)			
			Transverse to wall (m)	Transverse to transverse (m)	Axial to wall (m)	Axial to axial (m)	Transverse to wall (m)	Transverse to transverse (m)	Axial to wall (m)	Axial to axial (m)
AVO6FT60/E	2.5m	12.3 lux	4.1m	10.5m	3.8m	9.4m	5.2m	13.1m	4.7m	11.5m
	3m	8.7 lux	4.3m	11.1m	4.0m	10.1m	5.5m	14.0m	5.0m	12.5m
	4m	5.0 lux	4.5m	12.0m	4.2m	11.2m	6.0m	15.5m	5.6m	14.1m
	6m	2.3 lux	4.2m	12.8m	4.1m	12.1m	6.4m	17.3m	6.0m	16.1m



Mauna Plus MAU06PL + CEL03LIC/N Emergency Mode

Lumen: 120lm

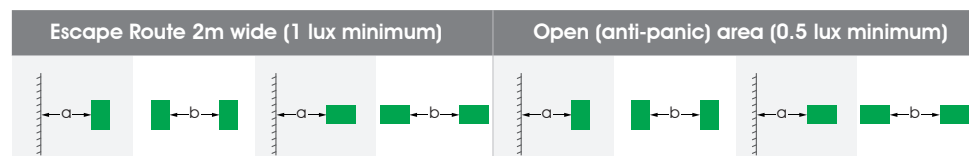


Luminaire Type	Mounting Height (m)	Lux Level directly under*	Escape Route 2m wide (1 lux minimum)				Open (anti-panic) area (0.5 lux minimum)			
			Transverse to wall (m)	Transverse to transverse (m)	Axial to wall (m)	Axial to axial (m)	Transverse to wall (m)	Transverse to transverse (m)	Axial to wall (m)	Axial to axial (m)
MAU06PL + CEL03LIC/N	2.5m	11.7 lux	2.4m	6.0m	2.4m	6.0m	3.0m	7.3m	3.0m	7.3m
	3m	8.1 lux	2.6m	6.5m	2.6m	6.5m	3.2m	7.9m	3.2m	7.9m
	4m	4.6 lux	2.8m	7.3m	2.8m	7.3m	3.6m	9.0m	3.6m	9.0m
	6m	2 lux	2.8m	8.2m	2.8m	8.2m	4.1m	10.6m	4.1m	10.6m



Faceta KCDLLS08FR65 Emergency Mode

Lumen: 180lm



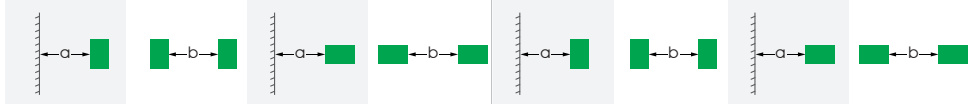
Luminaire Type	Mounting Height (m)	Lux Level directly under*	Escape Route 2m wide (1 lux minimum)				Open (anti-panic) area (0.5 lux minimum)			
			Transverse to wall (m)	Transverse to transverse (m)	Axial to wall (m)	Axial to axial (m)	Transverse to wall (m)	Transverse to transverse (m)	Axial to wall (m)	Axial to axial (m)
KCDLLS08FR65	2.5m	19.2 lux	3m	6.9m	3m	6.9m	3.4m	8.1m	3.4m	8.1m
	3m	13.3 lux	3.2m	7.7m	3.2m	7.7m	3.8m	8.89m	3.8m	8.89m
	4m	7.49 lux	3.7m	9m	3.7m	9m	4.5m	10.5m	4.5m	10.5m
	6m	3.33 lux	4.19m	10.8m	4.19m	10.8m	5.4m	13.1m	5.4m	13.1m



Faceta KCDL1006FR65 Emergency Mode

Lumen: 250lm

Escape Route 2m wide (1 lux minimum) Open (anti-panic) area (0.5 lux minimum)



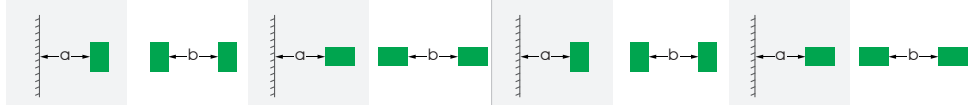
Luminaire Type	Mounting Height (m)	Lux Level directly under*	Transverse to wall (m)	Transverse to transverse (m)	Axial to wall (m)	Axial to axial (m)	Transverse to wall (m)	Transverse to transverse (m)	Axial to wall (m)	Axial to axial (m)
KCDL1006FR65	2.5m	29.8 lux	3.1m	7.4m	3.1m	7.4m	3.7m	8.7m	3.7m	8.7m
	3m	20.7 lux	3.4m	8.1m	3.4m	8.1m	4m	9.6m	4m	9.6m
	4m	11.6 lux	3.9m	9.3m	3.9m	9.3m	4.6m	11.1m	4.6m	11.1m
	6m	5.17 lux	4.69m	11.4m	4.69m	11.4m	5.7m	13.6m	5.7m	13.6m



Faceta KCDL2016FR65 Emergency Mode

Lumen: 300lm

Escape Route 2m wide (1 lux minimum) Open (anti-panic) area (0.5 lux minimum)



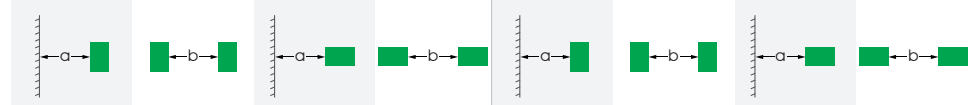
Luminaire Type	Mounting Height (m)	Lux Level directly under*	Transverse to wall (m)	Transverse to transverse (m)	Axial to wall (m)	Axial to axial (m)	Transverse to wall (m)	Transverse to transverse (m)	Axial to wall (m)	Axial to axial (m)
KCDL2016FR65	2.5m	26.7 lux	3.6m	8.39m	3.6m	8.39m	4.19m	9.7m	4.19m	9.7m
	3m	18.5 lux	3m	9.39m	4m	9.39m	4.69m	10.8m	4.69m	10.8m
	4m	10.4 lux	4.6m	11m	4.6m	11m	5.5m	12.8m	5.5m	12.8m
	6m	4.63 lux	5.3m	13.3m	5.3m	13.3m	6.6m	16m	6.6m	16m



Faceta KCDL2622FR65 Emergency Mode

Lumen: 340lm

Escape Route 2m wide (1 lux minimum) Open (anti-panic) area (0.5 lux minimum)



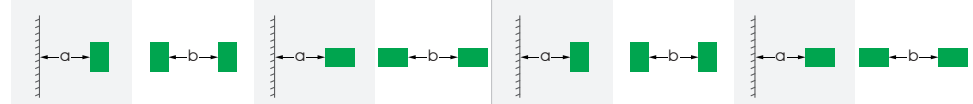
Luminaire Type	Mounting Height (m)	Lux Level directly under*	Transverse to wall (m)	Transverse to transverse (m)	Axial to wall (m)	Axial to axial (m)	Transverse to wall (m)	Transverse to transverse (m)	Axial to wall (m)	Axial to axial (m)
KCDL2622FR65	2.5m	25.7 lux	3.9m	9.2m	3.9m	9.2m	4.6m	10.5m	4.6m	10.5m
	3m	17.8 lux	4.3m	10.2m	4.3m	10.2m	5.1m	11.8m	5.1m	11.8m
	4m	10 lux	5m	12m	5m	12m	6m	14m	6m	14m
	6m	4.45 lux	5.6m	14.5m	5.6m	14.5m	7.2m	17.5m	7.2m	17.5m



Arcus II ARCB150/E Emergency Mode

Lumen: 1370lm

Escape Route 2m wide (1 lux minimum) Open (anti-panic) area (0.5 lux minimum)



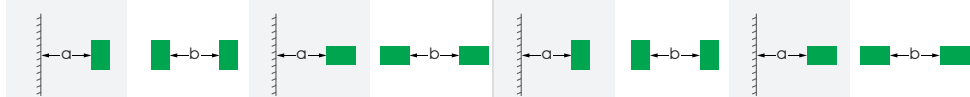
Luminaire Type	Mounting Height (m)	Lux Level directly under*	Transverse to wall (m)	Transverse to transverse (m)	Axial to wall (m)	Axial to axial (m)	Transverse to wall (m)	Transverse to transverse (m)	Axial to wall (m)	Axial to axial (m)
ARCB150/E	6m	13.8 lux	7.2m	17.3m	8.4m	20.4m	8.6m	20.8m	10.2m	24.4m
	8m	7.7 lux	8.2m	19.8m	9.3m	23.2m	9.9m	23.8m	11.6m	28.1m
	10m	4.9 lux	8.9m	21.9m	9.9m	25.4m	10.9m	26.5m	12.7m	31.1m
	12m	3.4 lux	9.4m	23.7m	10.1m	27.0m	11.8m	28.8m	13.5m	33.7m



Nimbus III KHBN210C1/E/DV Emergency Mode

Lumen: 1300lm

Escape Route 2m wide (1 lux minimum) Open (anti-panic) area (0.5 lux minimum)



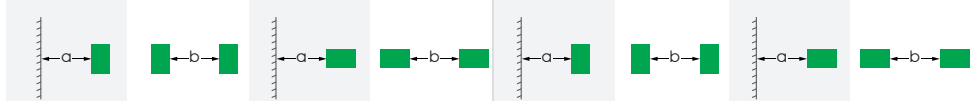
Luminaire Type	Mounting Height (m)	Lux Level directly under*	Transverse to wall (m)	Transverse to transverse (m)	Axial to wall (m)	Axial to axial (m)	Transverse to wall (m)	Transverse to transverse (m)	Axial to wall (m)	Axial to axial (m)
KHBN210C1 /E/DV	8m	9.8 lux	8.2m	19.5m	8.2m	19.5m	9.7m	23.1m	9.7m	23.1m
	9m	7.7 lux	8.7m	20.8m	8.7m	20.8m	10.4m	24.6m	10.4m	24.6m
	10m	6.2 lux	9.2m	21.9m	9.2m	21.9m	10.9m	26.0m	10.9m	26.0m
	12m	4.3 lux	10.0m	24.0m	10.0m	24.0m	12.0m	28.6m	12.0m	28.6m



Echo Pro ECP200 Emergency Mode

Lumen: 900lm

Escape Route 2m wide (1 lux minimum) Open (anti-panic) area (0.5 lux minimum)



Luminaire Type	Mounting Height (m)	Lux Level directly under*	Transverse to wall (m)	Transverse to transverse (m)	Axial to wall (m)	Axial to axial (m)	Transverse to wall (m)	Transverse to transverse (m)	Axial to wall (m)	Axial to axial (m)
ECP200	6m	9.67 lux	6.9m	16.4m	6.9m	16.4m	8.2m	19.2m	8.2m	19.2m
	8m	5.41 lux	8.1m	19.2m	8.1m	19.2m	9.6m	22.5m	9.6m	22.5m
	10m	3.45 lux	8.7m	21.6m	8.7m	21.6m	10.8m	25.4m	10.8m	25.4m
	12m	2.39 lux	8.7m	23.5m	8.7m	23.5m	11.7m	28.0m	11.7m	28.0m

Panel
&
Modular Luminaire



Rydal

64



Alden

65



Alden-Pro

67



Kali-Standard

69



Nevis

71



Fixing
Accessories

72



Kurve

73

Panel Comparison

595x595mm		Plug & Play Emergency
3200lm (30W)	TP(a)	1-10V (0-10V)
4000K	Flicker Free	DALI
UGR < 19		Easylink RF



Rydal



Alden

595x595mm		4000K	Flicker Free
2800lm (20W)	TP(a)		
595x595mm		4000K	Plug & Play Emergency
3200lm (28W)	TP(a)	UGR < 16	
595x595mm		3000K 4000K 6500K	1-10V (0-10V)
3200lm (30W)	TP(a)		
1195x595mm		3000K 4000K 6500K	DALI
5300lm (50W)	TP(a)		
			Easylink RF

595x595mm		TP(a)	295x1195mm		TP(a)	595x1195mm		TP(a)	Flicker Free
3300lm 3600lm 3300lm (36W) (Default)	2600lm 2700lm 2600lm (27W) (Alternative)		3040lm 3240lm 3040lm (27W) (Default)	3960lm 4160lm 3960lm (36W) (Alternative)		6150lm 6350lm 6150lm (54W) (Default)	7970lm 8170lm 7970lm (72W) (Alternative)		Plug & Play Emergency
3000K 4000K 6500K CCT Switching	Wattage Switching	UGR < 17	3000K 4000K 6500K CCT Switching	Wattage Switching	UGR < 19	3000K 4000K 6500K CCT Switching	Wattage Switching	UGR < 19	
									1-10V (0-10V)
									DALI
									Easylink RF



Alden-Pro

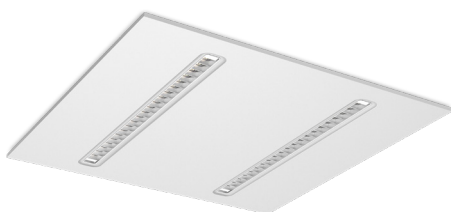


Kali-Standard

495x495mm		Plug & Play Emergency
3200lm (30W)	TP(b)	Motion Sensor
4000K	6500K	1-10V (0-10V)
Flicker Free		DALI
		Easylink RF



Kurve



Nevis

595x595mm		TP(a)	Plug & Play Emergency
2900lm 3000lm 3000lm (23W) (Default)	3300lm 3400lm 3400lm (28W) (Alternative)		
3000K 4000K 5000K CCT Switching	Wattage Switching	1-10V (0-10V)	
		DALI	
		Easylink RF	
		Flicker Free	

595x595mm		Plug & Play Emergency
3600lm (40W) (Default)	2800lm (30W) (Alternative)	
3000K 4000K 5000K CCT Switching	Wattage Switching	1-10V (0-10V)
		DALI
		Easylink RF
		Flicker Free

LED Panels & Fire Safety

*Diffuser of LED panels used in suspended ceiling **MUST** be **TP(b)** or **TP(a)** rated*
- According to Building Regulation Part B

ALL Kosnic LED panels use **TP(b)** or **TP(a)** rated fire resisting diffusers.



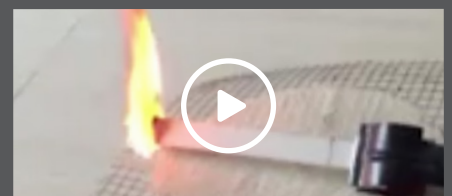
Alden

Rydal

Alden-Pro

How does a diffuser burn?

Scan the QR code to see our video on YouTube showing how different types of diffusers burn.



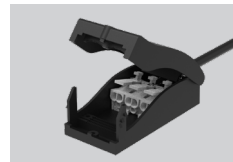
NEW Rydal

Backlit LED panel with emergency option

Plug-in emergency 

Flicker free 

- Save up to 50% energy usage compared to traditional fluorescent fittings
 - TP(a) rated diffuser
- DALI, 1-10V (0-10V) and PUSH alternative driver available
 - Flicker free
 - UGR<19



Push-wire terminal block included

Order Code	Power	Dimension	CCT	Lumen	Trade Price
RYD30	30W	595x595	4000K	3200lm	£78.54

Optional Gears

Type	Order Code	Description	Trade Price
Dimmable driver	CYC030TDC30-90	Configurable DALI & 1-10V (0-10V) Dimmable Driver	£70.55
Emergency module	CEW03LIC/N	UEM, 3W, Li-ion battery	£107.71
Self-test emergency module	CEW03LIC/S	Self-test UEM, 3W, Li-ion battery	£130.74

Accessories

Type	Order Code	Description	Trade Price
Surface mount frame	SMT0606	595x595mm surface-mount frame, white	£45.50
Suspension kits	SUS0606	595x595mm Suspension set	£10.99

- 3** Years Standard Warranty
- 1000V** Surge Protection
- DALI & 1-10V (0-10V)** Dimmable Options

New Optional Gear



Standard/Self-test universal emergency module
UEM \leftrightarrow P30



Standard/Self-test universal emergency module
UEM \leftrightarrow P31

General Specification

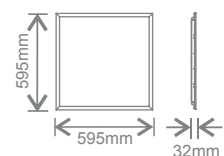
Voltage	220-240Vac 50-60Hz
CRI	>80
Life Time	40,000h
Power Factor	0.95
Ambient Temp	-20°C to 40°C
Housing	Powder coated aluminum
Diffuser	Polystyrene TP(a)



Order Code

RYD30-W40

Dimensions



- 3** Years Standard Warranty
- 5** Years Extended Warranty
- 1000V** Surge Protection
- DALI & 1-10V (0-10V)** Dimmable Options

New Optional Gear



Standard/Self-test universal emergency module
UEM P30



Standard/Self-test universal emergency module
UEM P31

General Specification

Voltage 220-240Vac
50-60Hz
CRI >83
Life Time 40,000h
Power Factor >0.95
Ambient Temp -20°C to 40°C
Housing Powder coated aluminum
Diffuser Polystyrene TP(a)



Alden

Backlit LED panel with emergency option

- Save up to 50% energy usage compared to traditional fluorescent fittings
- TP(a) rated diffuser
- Square edge tray with robust structure to allow even light distribution around the edge
- DALI, 1-10V (0-10V) and PUSH alternative driver available
- IP44 when ceiling recess mounted
- Flicker free
- UGR<19

- Plug-in emergency
- Flicker free



Push-wire terminal block included

Highly Efficient (140lm/w)

Order Code	Power	Dimension	CCT	Lumen	Trade Price
ALD20	20W	595x595	4000K	2800lm	£90.74

Ultra-Low Glare (UGR<16)

Order Code	Power	Dimension	CCT	Lumen	Trade Price
ALD28	28W	595x595	4000K	3200lm	£98.63

Order Code	Power	Dimension	CCT	Lumen	Trade Price
ALD30	30W	595x595	3000K 4000K 6500K	3200lm	£82.62
ALD1206	50W	1195x595	3000K 4000K 6500K	5300lm	£229.67

NEW
Available
Feb. 2022

NEW
Available
Mar. 2022

Optional Gears

Type	Order Code	Description	Trade Price
Dimmable driver	CYC030TDC30-90	Configurable DALI & 1-10V (0-10V) Dimmable Driver for ALD20, ALD28, ALD30	£70.55
Dimmable driver	CYC050TDC70-140	Configurable DALI & 1-10V (0-10V) Dimmable Driver for ALD1206	£85.13
Emergency module	CEW03LIC/N	UEM, 3W, Li-ion battery	£107.71
Self-test emergency module	CEW03LIC/S	Self-test UEM, 3W, Li-ion battery	£130.74

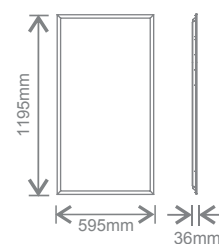
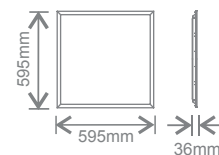
Accessories

Type	Order Code	Description	Trade Price
Surface mount frame	SMT0606	595x595mm surface-mount frame, white	£45.50
Suspension kits	SUS0606	595x595mm Suspension set	£10.99
Surface mount frame	SMT1206	595x1195mm surface-mount frame, white	£83.59
Suspension kits	SUS1206	595x1195mm Suspension set	£16.67

Order Code

ALD20-W40
 ALD28-W40
 ALD30-W30
 ALD30-W40
 ALD30-W65
 ALD1206-W30
 ALD1206-W40
 ALD1206-W65

Dimensions



- 5** Years Standard Warranty
- 7** Years Extended Warranty
- 1000V** Surge Protection
- DALI & 1-10V (0-10V)** Dimmable Options

New Optional Gear



Standard/Self-test universal emergency module
UEM P30



Standard/Self-test universal emergency module
UEM P31

General Specification

Voltage 220-240Vac
50-60Hz
CRI >80
Life Time 40,000h
Power Factor >0.95
Ambient Temp -20°C to 40°C
Housing Powder coated aluminum
Diffuser TP(a)

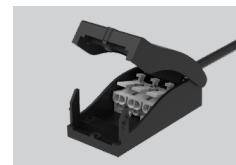


Alden-Pro

Switchable CCT / wattage backlit LED panel with emergency option

- Switchable CCT (3000K/4000K/6500K)
- Switchable wattage
- TP(a) rated diffuser
- Square edge tray with robust structure to allow even light distribution around the edge
- DALI, 1-10V (0-10V) and PUSH alternative driver available
- IP44 when ceiling recess mounted
- Flicker free
- UGR<19

- Plug-in emergency
- CCT switching
- Wattage switching
- Flicker free



Push-wire terminal block included

Ultra-Low Glare (UGR<17)

Order Code	Default Power	Alternative Power	Dimension	CCT	Lumen	Trade Price
ALD3627-SCT	-	27W	595x595mm	Switchable*	2600lm (3000K) 2700lm (4000K) 2600lm (6500K)	£146.91
	36W	-	595x595mm	Switchable*	3300lm (3000K) 3600lm (4000K) 3300lm (6500K)	
ALD1203-SCT	27W	-	1195x295mm	Switchable*	3040lm (3000K) 3240lm (4000K) 3040lm (6500K)	£138.06
	-	36W	1195x295mm	Switchable*	3960lm (3000K) 4160lm (4000K) 3960lm (6500K)	
ALD1206-SCT	54W	-	1195x595mm	Switchable*	6150lm (3000K) 6350lm (4000K) 6150lm (6500K)	£296.90
	-	72W	1195x595mm	Switchable*	7970lm (3000K) 8170lm (4000K) 7970lm (6500K)	

* When CCT switchable, colour temperature switches between 3000K, 4000K & 6500K

Optional Gears

Type	Order Code	Description	Trade Price
Dimmable driver	CYC040TDC50-105	Configurable DALI & 1-10V (0-10V) Dimmable Driver for ALD3627, ALD1203 (2 x dimmable driver for ALD1206)	£78.79
Emergency module	CEW03LIC/N	UEM, 3W, Li-ion battery	£107.71
Self-test emergency module	CEW03LIC/S	Self-test UEM, 3W, Li-ion battery	£130.74

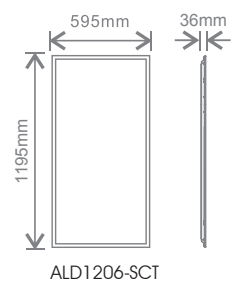
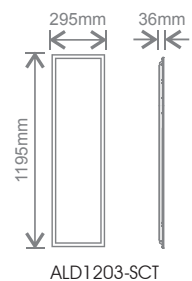
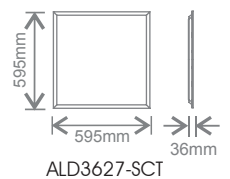
Accessories

Type	Order Code	Description	Trade Price
Surface mount frame	SMT0606	595x595mm surface-mount frame, white	£45.50
Surface mount frame	SMT1203	295x1195mm surface-mount frame, white	£72.79
Surface mount frame	SMT1206	595x1195mm surface-mount frame, white	£83.59
Suspension kits	SUS0606	595x595mm Suspension set	£10.99
Suspension kits	SUS1203	295x1195mm Suspension set	£16.67
Suspension kits	SUS1206	595x1195mm Suspension set	£16.67

Order Code

ALD3627-SCT
 ALD1203-SCT
 ALD1206-SCT

Dimensions



- 5** 5 Years Standard Warranty
- 7** 7 Years Extended Warranty
- 1000V** Surge Protection
- DALI & 1-10V (0-10V)** Dimmable Options

New Optional Gear



Standard/Self-test universal emergency module
UEM P30



Standard/Self-test universal emergency module
UEM P31

General Specification

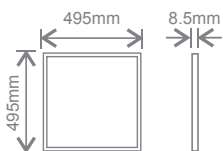
Voltage 220-240Vac
50-60Hz
CRI >80
Life Time 40,000h
Power Factor >0.95
Ambient Temp -20°C to 40°C
Housing Powder coated aluminum
Diffuser Polycarbonate TP(b)



Order Code

KLED30PNL0505-W40
KLED30PNL0505-W65

Dimensions



Kali-Standard

(495 x 495mm)

Flicker free LED panels for schools and offices

- Save up to 60% energy usage compared to traditional fluorescent fittings
- Low glare, UGR < 19*
- TP(b) fire resistant polycarbonate diffuser
- Flicker free
- Optional DALI, 1-10V (0-10V) driver
- IP44 when ceiling recess mounted
- White powder coated aluminium frame

- Plug-in emergency
- Plug-in on/off sensor
- Flicker free
- Modular design



Order Code	Power	Dimension	CCT	Lumen	Trade Price
KLED30PNL0505	30W	495x495mm	4000K 6500K	3200lm	£102.16

Optional Gears

Type	Order Code	Description	Trade Price
Dimmable driver	CYC030TDC30-90	Configurable DALI & 1-10V (0-10V) Dimmable Driver	£70.55
Emergency module	CEW03LIC/N	UEM, 3W, Li-ion battery	£107.71
Self-test emergency module	CEW03LIC/S	Self-test UEM, 3W, Li-ion battery	£130.74

Accessories

Type	Order Code	Description	Trade Price
Suspension kits	SUS0606	595x595mm Suspension set	£10.99

* With room size of 4h x 2h, where h is the height of the room



Kosnic Lighting France have allowed us to achieve an optimal result in terms of visual comfort and energy savings.

– Alain Bourquin, Chief technical officer

Lycée Hector Berlioz case study

Location: Vincennes, Paris, France

Solution: Nevis, CAT 2 LED twin strip louvre panel and the Alden 600*600 back lit LED panel

5 5 Years
Standard Warranty

7 7 Years
Extended Warranty

DALI & 1-10V (0-10V)
Dimmable Options

1000V
Surge Protection



Nevis

CAT 2 LED Twin Strip Louvre Panel

- Switchable CCT (3000K/4000K/5000K)
- Low glare UGR < 16
- Supplied with flicker-free DC driver as standard
- Optional DALI, 1-10V (0-10V) driver
- CAT 2 replacement
- Flicker free

Plug-in emergency

CCT switching

Wattage switching

Flicker free



General Specification

Voltage 220-240Vac
50-60Hz
CRI >80
Life Time 40,000h
Power Factor >0.90
Ambient Temp -20°C to 40°C
Housing Powder coated aluminum
Optical Polycarbonate reflector TP(a)



Order Code	Default Power	Alternative Power	Dimension	CCT	Lumen	Trade Price
NEV2328-SCT	23W	-	595x595mm	Switchable*	2900lm (3000K) 3000lm (4000K) 3000lm (5000K)	£191.02
	-	28W	595x595mm	Switchable*	3300lm (3000K) 3400lm (4000K) 3400lm (5000K)	

* When CCT switchable, colour temperature switches between 3000K, 4000K & 5000K

Optional Gears

Type	Order Code	Description	Trade Price
Dimmable driver	CYC030TDC30-90	Configurable DALI & 1-10V (0-10V) Dimmable Driver	£70.55
Emergency module	CEW03LIC/N	UEM, 3W, Li-ion battery	£107.71
Self-test emergency module	CEW03LIC/S	Self-test UEM, 3W, Li-ion battery	£130.74

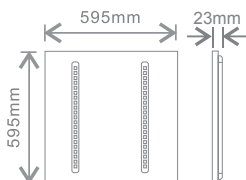
Accessories

Type	Order Code	Description	Trade Price
Surface mount frame	SMT0606	595x595mm surface-mount frame, white	£45.50
Suspension kits	KPTBTN/SUS3	Maximum 1.0m drop	£12.68

Order Code

NEV2328-SCT

Dimensions



Fixing Accessories

Surface mount and suspension mount accessories

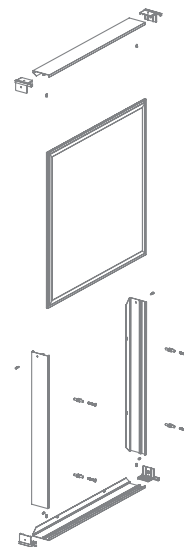


▲ Surface mount frame

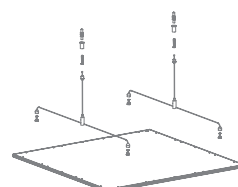


▲ Suspension kits

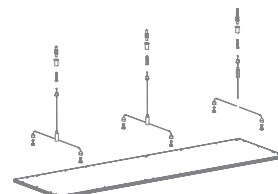
Surface mount



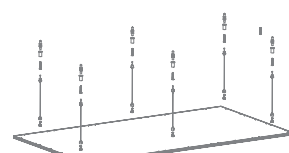
Suspension mount



595*595mm



295*1195mm



595*1195mm



KCON3FM

Order Code

SMT0606
SMT1203
SMT1206

SUS0606
SUS1203
SUS1206

KCON3FM

Type	Order Code	Description	Trade Price
Surface mount frame	SMT0606	595x595mm surface-mount frame, white	£45.50
Surface mount frame	SMT1203	295x1195mm surface-mount frame, white	£72.79
Surface mount frame	SMT1206	595x1195mm surface-mount frame, white	£83.59
Suspension kits	SUS0606	595x595mm Suspension set	£10.99
Suspension kits	SUS1203	295x1195mm Suspension set	£16.67
Suspension kits	SUS1206	595x1195mm Suspension set	£16.67
Connector	KCON3FM	Junction Box Connector - 3 Pin	£6.99

- 5** 5 Years Standard Warranty
- 7** 7 Years Extended Warranty
- 1000V** Surge Protection
- DALI & 1-10V (0-10V)** Dimmable Options



In-line switch for CCT selection

Kurve

Direct / indirect LED modular Luminaire

- Stylish & elegant aesthetic appearance
- Flicker free
- Ultra-low glare, UGR < 17.4*
- Optional DALI, 1-10V (0-10V) driver
- Colour temperature switchable 3000K/4000K/5000K

- E** Plug-in emergency
- CCT** CCT switching
- Watt** Wattage switching
- Flicker free**

General Specification

Voltage	220-240Vac 50-60Hz
CRI	>80
Life Time	40,000h
Power Factor	>0.93
Ambient Temp	-20°C to 40°C
Housing	Zinc coated sheet steel
Diffuser	Acrylic

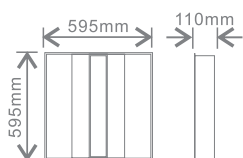


Order Code	Default Power	Alternative Power	Dimension	CCT	Lumen	Trade Price
KMRC4030L2A	40W	-	595x595mm	Switchable**	3600lm	£288.02
	-	30W	595x595mm	Switchable**	2800lm	

Order Code

KMRC4030L2A/SCT

Dimensions

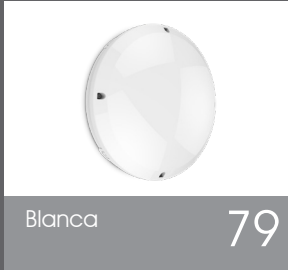


Optional Gears

Type	Order Code	Description	Trade Price
Dimmable driver	CYC040TDC50-105	Configurable DALI & 1-10V (0-10V) Dimmable Driver	£78.79
Emergency module	CEW03LIC/N	UEM, 3W, Li-ion battery	£107.71
Self-test emergency module	CEW03LIC/S	Self-test UEM, 3W, Li-ion battery	£130.74

* With room size of 4h x 2h, where h is the height of the room
 ** When CCT switchable, colour temperature switches between 3000K, 4000K & 5000K

Surface Luminaire



Blanca 79



Blanca-i 80



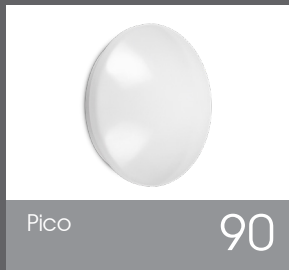
Blanca-i Pro 82



Ossa 86



Ossa-i 87



Pico 90



Polo 91



Meola 92



Codale 93



Portage 94



Viso 96



Viso-i 97



Etna 98



Alto 99



Kaz 100



Kabru 101

Bulkhead Comparison



Blanca

Ø310mm		Plug & Play Emergency
DD	K2D	

IP65	20mm Conduit Entry
IK10	

Interchangeable Ring



Ø260mm	Ø330mm
DD	DD K2D

Ø380mm	IP44
DD K2D	Plug & Play Emergency



Pico



Ossa

Ø300mm	Plug & Play Emergency
K2D	

IP65	20mm Conduit Entry
IK10	

Interchangeable Ring



Ø284mm	Plug & Play Emergency
DD K2D	

IP65	20mm Conduit Entry
IK10	

Interchangeable Ring



Viso

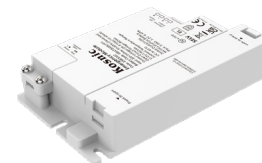
9W	12W	18W
1050lm	1500lm	2210lm
1130lm	1570lm	2400lm
1050lm	1500lm	2210lm

Wattage Switching	
CCT Switching 2700K 4000K 6500K	GR8
	GR10q

Sensor
Dimmable
Dusk to Dawn



DD

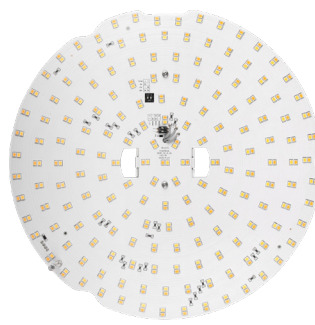


DD EME

2W
2000mAh
Emergency Operation Time > 3h

12W (Default)	9W (Alternative)	18W
1600lm	1180lm	2500lm
1670lm	1220lm	2660lm
1670lm	1220lm	2660lm

Wattage Switching	
CCT Switching 3000K 4000K 5000K	GR10q
	Sensor



K2D



Self-test DD EME

3W
2600mAh
Emergency Operation Time > 3h

Integrated Bulkhead Comparison



Ø310mm	4000K
12W (1260lm)	IP65
	IK10
Plug & Play Emergency	
Plug & Play Motion Sensor	
Interchangeable Ring	
20mm Conduit Entry	Flicker Free

Ø310mm			CCT Switching 3000K 4000K 5000K
18W (Default)	9W (Alternative)	12W	
1580lm 1890lm 1890lm	830lm 950lm 950lm	1100lm 1260lm 1260lm	IP65
Wattage Switching			
Plug & Play Emergency		Plug & Play Motion Sensor	
Interchangeable Ring			
20mm Conduit Entry		Flicker Free	



Blanca-i



Blanca-i Pro



Ø300mm	CCT Switching 3000K 4000K 5000K	IP65
12W 900lm 1050lm 1050lm		IK10
		Flicker Free
20mm Conduit Entry	Interchangeable Ring	
BESA box fixing points		
Built-in Emergency	Plug & Play Motion Sensor	

Ø325mm	CCT Switching 3000K 4000K 5000K
12W 1150lm 1260lm 1260lm	
Twist & Lock installation	IP65
	IK10



Ossa-i

Polo



Ø420mm	Ø520mm
25W (2600lm)	40W (4000lm)
CCT Switching 3000K 4000K 5000K	IP65
	IK10
	Flicker Free
Mains Dimmable	
Plug-in Emergency	Integrated Motion Sensor

Ø284mm	CCT Switching 3000K 4000K 5000K	IP65
12W 1150lm 1260lm 1260lm		IK10
		Flicker Free
20mm Conduit Entry	Suitable for coastal installation	
Interchangeable Ring		
BESA box fixing points		
Built-in Emergency	Plug & Play Motion Sensor	



Meola

Viso-i

Blanca LED Bulkhead

Bulkhead for LED DD lamp with detachable rings

Emergency Module

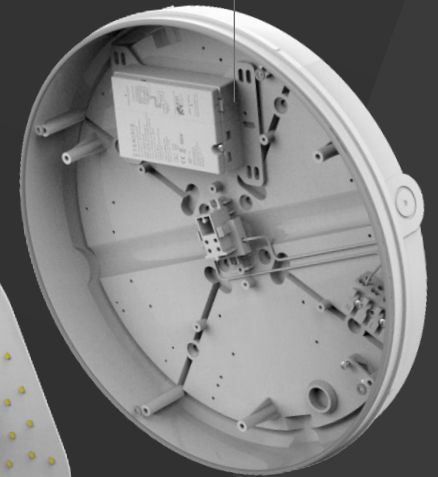
Optional plug-in 3hr maintained or non-maintained emergency module. Self-test version is also available.

LED DD Range

Takes our comprehensive range of LED DD, providing wide choices of functionalities and specifications.

Tamper-proof Screw (optional)

Tamper-proof screws and tool are available as optional accessories.



Clip-on Ring Attachment

These easy to use clip-on rings give users installation flexibility and choice of appearance.

Polycarbonate Cover

Made from virgin polycarbonate from **BAYER**, achieving high transmittance of **75%** and vandal resistance rating of **IK10**.



Introducing the Blanca

Scan QR code for video



CREATING 405 Product lines with

3 Options with plug-in emergency module

- Non-emergency
- Standard emergency
- Self-test emergency

9 Body style with ring attachment

- No ring
- With white & black eyelid
- With white, polished black, matt black, chrome, brass & satin chrome polo ring

15 LED DD modules

- 9W / 12W / 18W
- 2700K / 4000K / 6500K
- Motion sensor, dusk to dawn & dimmable

5 5 Years
Standard Warranty

Blanca

IP65 bulkhead for LED DD lamps

- Choice of clip-on rings
- IP65 and vandal resistant (IK10)
- Use with Kosnic LED DD range
- Option of base with emergency module
- 20mm Conduit entry
- BESA box fitting points



Anti-vandal Screw Pack
KPT-SCREW1



Anti-vandal Screw Driver
KPT-SCREWDRIVER1

General Specification

Voltage 220-240Vac
50-60Hz
LOR 78%
Ambient Temp -20°C to 40°C
Housing Polycarbonate

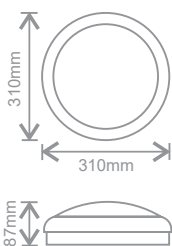


Order Code

KBHDDC6S65
KBHDDC6S65/E

KBHDDC6S65-WHT
KBHDDC6S65/E-WHT

Dimensions

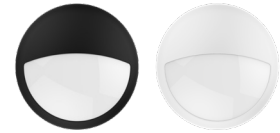


Built-in emergency

Plug-in self-test EM

Interchangeable ring

Modular design



Eyelid (Black, White)
KBHC6-TLID, KBHC6-TWLID



Polo (Polished Black, Matt Black, White)
KBHC6-TPBL, KBHC6-TBLK, KBHC6-TWHT



Polo (Satin Chrome, Chrome, Brass)
KBHC6-TSCH, KBHC6-TCHM, KBHC6-TBAS

Order Code	Description	Trade Price
KBHDDC6S65	Polycarbonate bulkhead	£46.45
KBHDDC6S65-WHT	Polycarbonate bulkhead with white polo ring	£54.60

Emergency Options

Order Code	Description	Trade Price
KBHDDC6S65/E	Standard emergency with LiFePO4 battery	£81.38
KBHDDC6S65/E-WHT	Standard emergency with LiFePO4 battery	£89.46

Battery

Order Code	Type	Capacity	Voltage	Trade Price
KBAT2000LFP1	LiFePO4	2000mAh	3.2V	£44.49

Optional Gear







Type	Order Code	Description	Trade Price
Self-test Emergency module	CEC02LBL/S	Self-test emergency module, Li-ion battery	£76.97

Accessories

Type	Order Code	Description	Trade Price
Screw	KPT-SCREW1	Anti-vandal screw 5/pack	£1.98
Tool	KPT-SCREWDRIVER1	Anti-vandal screw driver 2/pack	£8.83

Clip-on rings

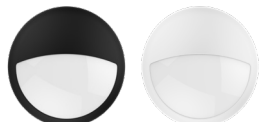
Order Code	KBHC6-TLID	KBHC6-TWLID	KBHC6-TPBL	KBHC6-TBLK	KBHC6-TWHT
Trade Price	£14.60	£13.68	£31.48	£13.97	£12.66
Order Code	KBHC6-TSCH	KBHC6-TCHM	KBHC6-TBAS		
Trade Price	£35.48	£30.34	£31.80		

- Built-in emergency 
- Plug-in self-test EM 
- Plug-in corridor sensor 
- Interchangeable ring 
- Flicker free 
- Modular design 

Blanca-i

IP65 bulkhead with integrated LED tray

- Choice of clip-on rings
- IP65 and vandal resistant (IK10)
- Integrated LED tray
- Option of base with emergency module
 - Optional microwave sensor
 - 20mm Conduit entry
 - BESA box fitting points
 - Flicker free



Eyelid (Black, White)
KBHC6-TLID, KBHC6-TWLID



Polo (Polished Black, Matt Black, White)
KBHC6-TPBL, KBHC6-TBLK, KBHC6-TWHT



Polo (Satin Chrome, Chrome, Brass)
KBHC6-TSCH, KBHC6-TCHM, KBHC6-TBAS

- 5** 5 Years Standard Warranty
- 7** 7 Years Extended Warranty
- 500V** Surge Protection



Anti-vandal Screw Pack
KPT-SCREW1



Anti-vandal Screw Driver
KPT-SCREWDRIVER1



Microwave Sensor
(Mounting height ≤8.5m)
KBTNLS1-MWS2

General Specification

Voltage 220-240Vac
50-60Hz
CRI 85
Life Time 40,000h
Power Factor 0.60
Ambient Temp -20°C to 40°C
Housing Polycarbonate



Order Code	Description	Trade Price
KBHCT12C6S65	12W, 4000K, 1260lm(1130lm with trim) Polycarbonate bulkhead	£76.40

Emergency Option

Order Code	Description	Trade Price
KBHCT12C6S65/E	Standard emergency with LiFePO4 battery	£119.76

Battery

Order Code	Type	Capacity	Voltage	Trade Price
KBAT2000LFP1	LiFePO4	2000mAh	3.2V	£44.49

Optional Gears

Type	Order Code	Description	Trade Price
Self-test Emergency module	CEC02LBL/S	Self-test emergency module, Li-ion battery	£76.97
Microwave Sensor	KBTNLS1-MWS2	Microwave motion and daylight sensor	£24.20

Accessories

Type	Order Code	Description	Trade Price
Screw	KPT-SCREW1	Anti-vandal screw 5/pack	£1.98
Tool	KPT-SCREWDRIVER1	Anti-vandal screw driver 2/pack	£8.83

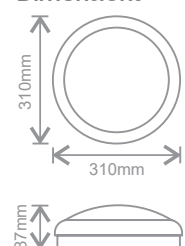
Clip-on rings

Order Code	KBHC6-TLID	KBHC6-TWLID	KBHC6-TPBL	KBHC6-TBLK	KBHC6-TWHT
Trade Price	£14.60	£13.68	£31.48	£13.97	£12.66
Order Code	KBHC6-TSCH	KBHC6-TCHM	KBHC6-TBAS		
Trade Price	£35.48	£30.34	£31.80		

Order Code

KBHCT12C6S65-W40
KBHCT12C6S65/E-W40

Dimensions

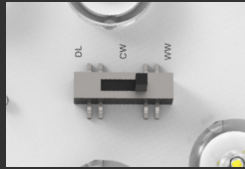


Blanca-i Pro LED Bulkhead

Bulkhead with integrated LED tray
with detachable rings



Wattage Switch



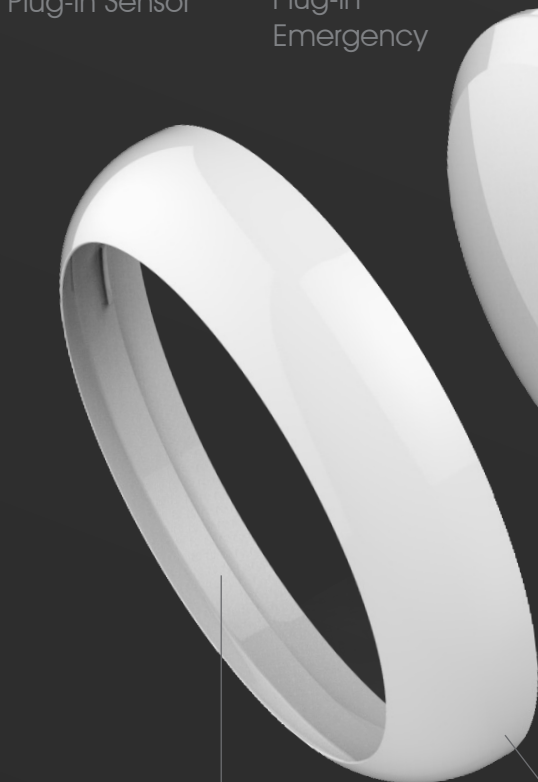
CCT Switch



Plug-in Sensor



Plug-in
Emergency



Clip-on Ring Attachment

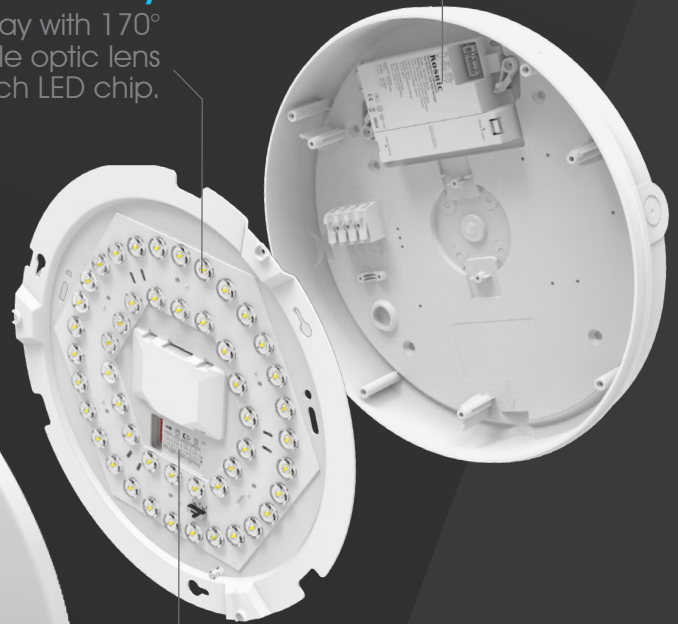
These easy to use clip-on rings give users installation flexibility and choice of appearance.

Integrated LED Tray

Built-in LED tray with 170° ultra wide angle optic lens for each LED chip.

Emergency Module

3hr maintained or non-maintained emergency module. Self-test version is also available as a plug-in module.



Clip-in Microwave Sensor

Built-in housing for the microwave sensor which dims the drivers to achieve corridor function

Polycarbonate Cover

Made from virgin polycarbonate from **BAYER**, achieving high transmittance of **75%** and vandal resistance rating of **IK10**.



Introducing the Blanca

Scan QR code for video



CREATING | **486** Product lines with

6 Options with plug-in emergency module & Sensor

- None
- Sensor
- Standard emergency
- Self-test emergency
- Sensor+Standard emergency
- Sensor+Self-test emergency

9 Body style with ring attachment

- No ring
- With white & black eyelid
- With white, polished black, matt black, chrome, brass & satin chrome polo ring

9 Settings for the light source

- Watt switching: 9W/12W/18W
- CCT switching: 3000K/4000K/5000K

Blanca-i Pro

Multi-setting and multi-function IP65 bulkhead with integrated LED tray

Wattage switching 

CCT switching 

Built-in emergency 

Plug-in self-test EM 

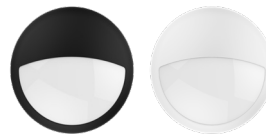
Plug-in corridor sensor 

Interchangeable ring 

Flicker free 

Modular design 

- Wattage switchable 9W/12W/18W
- Switchable CCT (3000/4000/5000K)
 - Choice of clip-on rings
- IP65 and vandal resistant (IK10)
 - Integrated LED tray
- Option of base with emergency module
 - Optional microwave sensor
 - 20mm conduit entry
 - BESA box fitting points
 - Flicker free



Eyelid (Black, White)
KBHC6-TLID, KBHC6-TWLID



Polo (Polished Black, Matt Black, White)
KBHC6-TPBL, KBHC6-TBLK, KBHC6-TWHT



Polo (Satin Chrome, Chrome, Brass)
KBHC6-TSCH, KBHC6-TCHM, KBHC6-TBAS

5 5 Years
Standard Warranty

7 7 Years
Extended Warranty

500V
Surge Protection



Anti-vandal Screw Pack
KPT-SCREW1



Anti-vandal Screw Driver
KPT-SCREWDRIVER1



Microwave Sensor
(Mounting height ≤ 8.5m)
KBTNLS1-MWS2

General Specification

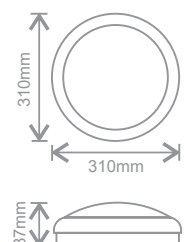
Voltage 220-240Vac
50-60Hz
CRI 85
Life Time 40,000h
Power Factor >0.90
Ambient Temp -20°C to 40°C
Housing Polycarbonate



Order Code

KBHCT9-18C6S65/SCT
KBHCT9-18C6S65/SCT/E

Dimensions



Order Code	Default Power	Alternative Power	CCT	Lumen (without ring)	Lumen (with white ring)	Trade Price
KBHCT9-18C6S65	-	9W	Switchable*	830lm(3000K)	710lm(3000K)	£84.86
				950lm(4000K)	830lm(4000K)	
				950lm(5000K)	830lm(5000K)	
	12W	-	Switchable*	1100lm(3000K)	970lm(3000K)	
				1260lm(4000K)	1130lm(4000K)	
				1260lm(5000K)	1130lm(5000K)	
	-	18W	Switchable*	1580lm(3000K)	1340lm(3000K)	
				1890lm(4000K)	1650lm(4000K)	
				1890lm(5000K)	1650lm(5000K)	

* When CCT switchable, colour temperature switches between 3000K, 4000K & 5000K

Emergency Option

Order Code	Description	Trade Price
KBHCT9-18C6S65/SCT/E	Standard emergency with LiFePO4 battery	£119.61

Battery

Order Code	Type	Capacity	Voltage	Trade Price
KBAT2000LFP1	LiFePO4	2000mAh	3.2V	£44.49

Optional Gears

Type	Order Code	Description	Trade Price
Self-test Emergency module	CEC02LBL/S	Self-test emergency module, Li-ion battery	£76.97
Microwave Sensor	KBTNLS1-MWS2	Microwave motion and daylight sensor	£24.20

Accessories

Type	Order Code	Description	Trade Price
Screw	KPT-SCREW1	Anti-vandal screw 5/pack	£1.98
Tool	KPT-SCREWDRIVER1	Anti-vandal screw driver 2/pack	£8.83

Clip-on rings

Order Code	KBHC6-TLID	KBHC6-TWLID	KBHC6-TPBL	KBHC6-TBLK	KBHC6-TWHT
Trade Price	£14.60	£13.68	£31.48	£13.97	£12.66
Order Code	KBHC6-TSCH		KBHC6-TCHM	KBHC6-TBAS	
Trade Price	£35.48		£30.34	£31.80	

Ossa LED Bulkhead

Bulkhead for K2D lamp with detachable rings

K2D Range

Ideal for use with the K2D LED modules which have multi-wattage and multi-colour temperature switching functions.

Emergency Module

Optional plug-in 3hr maintained or non-maintained emergency module. Self-test version is also available.

Tamper-proof Screw (optional)

Tamper-proof screws and tool are available as optional accessories.



Polycarbonate Cover

Made from virgin polycarbonate by BAYER, achieving high transmittance of 75% and vandal resistance rating of IK10.



Easy Fixing Tab

The plug-in emergency module is fixed to the base with 2 built-in turning tabs.

Clip-on Ring Attachment

These easy to use clip-on rings give users installation flexibility and choices of appearance.



CREATING | 810 Product Lines With

3 Options with plug-in emergency module

- Non-emergency
- Standard emergency
- Self-test emergency

10 Body style with ring attachment

- No ring
- With chrome & brass polo rings
- With matt black & grey edge rings
- With white, chrome, brass, polished black & satin chrome deco rings with back-light

2 Product Type with 27 settings

- 9W / 12W / 18W
- 2700K / 4000K / 5000K
- Standard, motion detection & corridor functions

Ossa with Decorative Rings

Detachable Rings

with Metallic Finishings & Colour Back-light



Polished
Black

Ø380mm



White



Brass



Chrome



Satin Chrome

All pictures are for illustration purposes only, please refer to the real product for the actual colour and finish

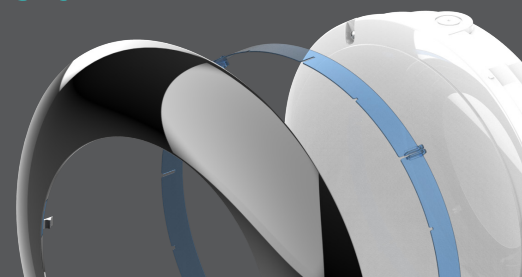
Options of Back-light Filters

in the package of each detachable ring there are 3 colour back-light filters

Green

Blue

Red





Slim IP65 bulkhead for K2D Lamps

- Choice of alternative decorative trims
 - IP65 & vandal resistant (IK10)
 - Optional plug-in emergency module
 - 20mm Conduit entry
- Conduit entries are not covered by the decorative rings
 - BESA box fitting points

Plug-in emergency

Interchangeable ring

Modular design



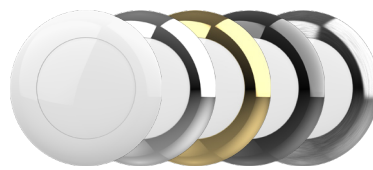
▲ Designed to use with the NEW K2D LED lamps (White detachable polo ring included)



Polo (Chrome, Brass)
KBHC9-TCHM, KBHC9-TBAS



Edge (Matt Black, Grey)
KBHC9-TBLK, KBHC9-TGRY



Deco rings with back-light (White, Chrome, Brass, Polished Black, Satin Chrome)
KBHC9-TWHT-L, KBHC9-TCHM-L, KBHC9-TBAS-L, KBHC9-TPBL-L, KBHC9-TSCH-L



DD EME
EMDD02



Self-test DD EME
CEC02LBL/S

Order Code	Description	Trade Price
KBHDDC9S65-WHT	Polycarbonate bulkhead with white polo ring	£69.49

Optional Gears

Type	Order Code	Description	Trade Price
Emergency module	EMDD02	Emergency module, LiFePO4 battery	£73.62
Self-test Emergency module	CEC02LBL/S	Self-test emergency module, Li-ion battery	£76.97

Accessories

Type	Order Code	Description	Trade Price
Screw	KPT-SCREW1	Anti-vandal screw 5/pack	£1.98
Tool	KPT-SCREWDRIVER1	Anti-vandal screw driver 2/pack	£8.83

Clip-on rings

Order Code	KBHC9-TCHM	KBHC9-TBAS	KBHC9-TBLK	KBHC9-TGRY	
Trade Price	£34.79	£36.61	£17.65	£18.23	
Order Code	KBHC9-TCHM-L	KBHC9-TBAS-L	KBHC9-TPBL-L	KBHC9-TWHT-L	KBHC9-TSCH-L
Trade Price	£59.43	£59.81	£61.82	£35.66	£64.41

5 5 Years Standard Warranty



With 20mm conduit



Anti-vandal Screw Pack
KPT-SCREW1



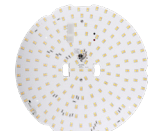
Anti-vandal Screw Driver
KPT-SCREWDRIVER1

General Specification

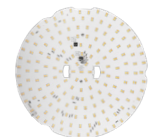
Voltage 220-240Vac
50-60Hz
LOR 65%
Ambient Temp -20°C to 40°C
Housing Polycarbonate



Recommended lamps



K2D Sensor ⇐ P232

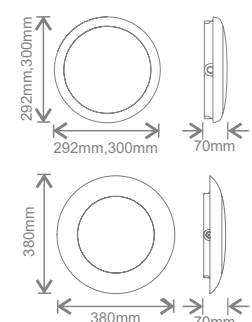


K2D Standard ⇐ P231

Order Code

KBHDDC9S65-WHT

Dimensions



5 5 Years
Standard Warranty

7 7 Years
Extended Warranty

500V
Surge Protection



With 20mm conduit

Ossa-i

Slim IP65 bulkhead with integrated LED tray

- Switchable CCT (3000/4000/5000K)
- Choice of alternative decorative trims
- IP65 & vandal resistant (IK10)
- Integrated LED tray
- Option of base with emergency module
- Optional microwave sensor
- 20mm Conduit entry
- Conduit entries are not covered by the decorative rings
- BESA box fitting points
- Flicker free

- CCT switching
- Built-in emergency
- Plug-in self-test EM
- Plug-in corridor sensor
- Interchangeable ring
- Flicker free
- Modular design



Anti-vandal Screw Pack
KPT-SCREW1



Anti-vandal Screw Driver
KPT-SCREWDRIVER1



Microwave Sensor
(Mounting height ≤8.5m)
KBTNLS1-MWS2



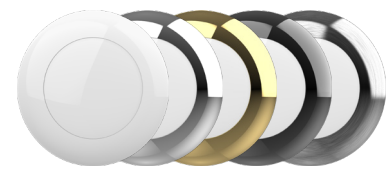
▲ White detachable polo ring included



Polo (Chrome, Brass)
KBHC9-TCHM, KBHC9-TBAS



Edge (Matt Black, Grey)
KBHC9-TBLK, KBHC9-TGRY



Deco rings with back-light
(White, Chrome, Brass,
Polished Black, Satin Chrome)
KBHC9-TWHT-L, KBHC9-TCHM-L, KBHC9-TBAS-L,
KBHC9-TPBL-L, KBHC9-TSCH-L

General Specification

Voltage 220-240Vac
50-60Hz
CRI >80
Life Time 40,000h
Power Factor 0.92
Ambient Temp -20°C to 40°C
Housing Polycarbonate



Order Code	Power	CCT	Lumen	Trade Price
KBHCT12C9S65/SCT	12W	Switchable*	1050lm(3000K)	£104.24
			1150lm(4000K)	
			1150lm(5000K)	

* When CCT switchable, colour temperature switches between 3000K, 4000K & 5000K

Emergency Option

Order Code	Description	Trade Price
KBHCT12C9S65/E/SCT	Standard emergency with LiFePO4 battery	£155.03

Battery

Order Code	Type	Capacity	Voltage	Trade Price
KBAT2000LFP1	LiFePO4	2000mAh	3.2V	£44.49

Optional Gears

Type	Order Code	Description	Trade Price
Self-test Emergency module	CEC02LBL/S	Self-test emergency module, Li-ion battery	£76.97
Microwave Sensor	KBTNLS1-MWS2	Microwave motion and daylight sensor	£24.20

Accessories

Type	Order Code	Description	Trade Price
Screw	KPT-SCREW1	Anti-vandal screw 5/pack	£1.98
Tool	KPT-SCREWDRIVER1	Anti-vandal screw driver 2/pack	£8.83

Clip-on rings

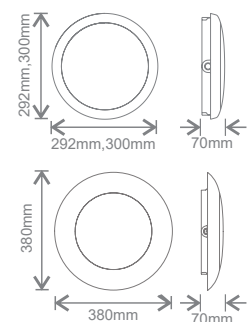
Order Code	KBHC9-TCHM	KBHC9-TBAS	KBHC9-TBLK	KBHC9-TGRY	
Trade Price	£34.79	£36.61	£17.65	£18.23	
Order Code	KBHC9-TCHM-L	KBHC9-TBAS-L	KBHC9-TPBL-L	KBHC9-TWHT-L	KBHC9-TSCH-L
Trade Price	£59.43	£59.81	£61.82	£35.66	£64.41

Patent

Order Code

KBHCT12C9S65/SCT-WHT
KBHCT12C9S65/E/SCT-WHT

Dimensions

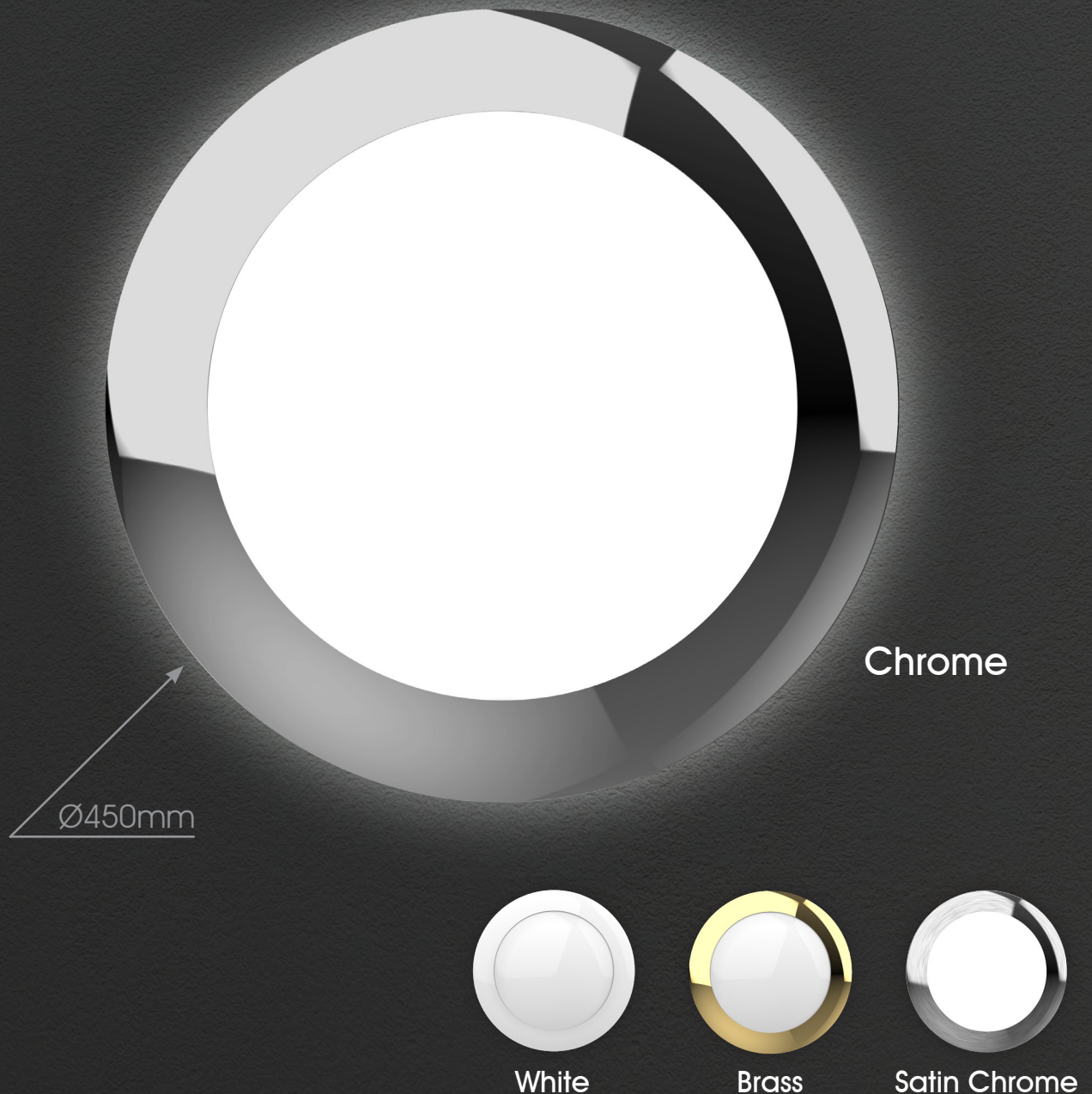


Pico with Decorative Rings

Detachable Rings

with Metallic Finishings & White Back-light

A range of decorative clip-on ring with various finishes are now available for the large Pico surface luminaire



Rotating Clips

4 rotating clips are at the back of the decorative ring. Simply turn the handle of the clips inward to lock the ring to the opal diffuser

Pico

Twist & lock fast-fit bulkhead for LED DD Lamps

- Twist & lock fast installation
- IP44
- Optional plug-in Emergency module

Plug-in emergency 

Modular design 



Chrome
KBHC13-TCHM



Satin Chrome
KBHC13-TSCH



Brass
KBHC13-TBAS



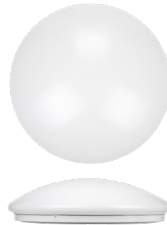
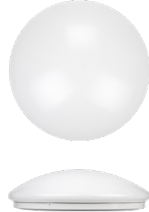
White
KBHC13-TWHT



DD EME
EMDD02



Self-test DD EME
CEC02LBL/S



3 3 Years
Standard Warranty

Recommended lamps



LED DD Standard
↳ P234



LED DD Sensor
↳ P236

General Specification

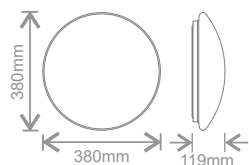
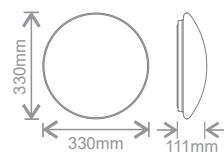
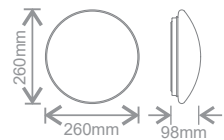
Voltage 220-240Vac
50-60Hz
LOR 80%
Ambient Temp -20°C to 40°C



Order Code

KBHDDC11S44
KBHDDC12S44
KBHDDC13S44

Dimensions



Order Code	Description	Trade Price
KBHDDC11S44	IP44 twist & lock bulkhead, 260mm diameter	£26.75
KBHDDC12S44	IP44 twist & lock bulkhead, 330mm diameter	£33.92
KBHDDC13S44	IP44 twist & lock bulkhead, 380mm diameter (450mm diameter with clip-on ring)	£54.86

Optional Gears

Type	Order Code	Description	Trade Price
Emergency module	EMDD02	Emergency module, LiFePO4 battery for KBHDDC12S44, KBHDDC13S44	£73.62
Self-Test Emergency module	CEC02LBL/S	Self-test emergency module, Li-ion battery for KBHDDC12S44, KBHDDC13S44	£76.97

Clip-on rings (for KBHDDC13S44)

Order Code	KBHC13-TCHM	KBHC13-TSCH	KBHC13-TBAS	KBHC13-TWHT
Trade Price	£49.97	£55.97	£50.43	£25.21

3 3 Years
Standard Warranty

5 5 Years
Extended Warranty

500V
Surge Protection



Microwave Sensor
(Mounting height $\leq 8.5\text{m}$)
KBTNLS1-MWS2

General Specification

Voltage 220-240Vac
50-60Hz
CRI 84
Life Time 40,000h
Power Factor 0.92
Ambient Temp -20°C to 40°C
Housing Polycarbonate



Polo

Twist & Lock IP65 bulkhead with integrated LED tray

- Switchable CCT (3000/4000/5000K)
- Twist & lock ring for fast installation
- IP65 and vandal resistant (IK10)
- Integrated LED tray
- Option of base with emergency module
- Optional microwave sensor
- BESA box fitting points
- Flicker free

CCT switching

Built-in emergency

Plug-in self-test EM

Plug-in corridor sensor

Flicker free

Modular design



Order Code	Power	CCT	Lumen	Trade Price
POL12-SCT	12W	Switchable*	1150lm(3000K) 1260lm(4000K) 1260lm(5000K)	£72.32

* When CCT switchable, colour temperature switches between 3000K, 4000K & 5000K

Emergency Option

Order Code	Description	Trade Price
POL12-SCT/E	Standard emergency with LiFePO4 battery	£106.14

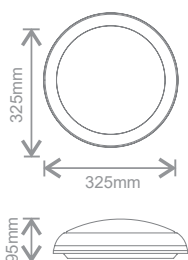
Battery

Order Code	Type	Capacity	Voltage	Trade Price
KBAT2000LFP1	LiFePO4	2000mAh	3.2V	£44.49

Optional Gears

Type	Order Code	Description	Trade Price
Self-test Emergency module	CEC02LBL/S	Self-test emergency module, Li-ion battery	£76.97
Microwave Sensor	KBTNLS1-MWS2	Microwave motion and daylight sensor	£24.20

Dimensions



Order Code

POL12-SCT
POL12-SCT/E

SPEC LINE

Meola

Large ultra slim LED bulkhead

- Diameter of 420mm & 520mm
- IP65 and vandal resistant (IK10)
- Option of base with emergency module
- Integrated LED board for uniform light output
- High lumen output of up to 4000lm
- Flicker free

Built-in emergency 

Plug-in self-test EM 

Built-in motion sensor 

CCT switching 

Flicker free 

Modular design 



5 5 Years
Standard Warranty

7 7 Years
Extended Warranty

1000V
Surge Protection

Mains Dimmable
Dimmable



General Specification

Voltage 220-240Vac
50-60Hz
CRI 84
Life Time 50000h
Power Factor >0.85
Ambient Temp -20°C to 50°C
Housing Polycarbonate



Order Code	Description	Trade Price
MEO25-SCT	Dimmable, 420mm diameter, Class II, IP65, IK10, 25W, Switchable 3000K/4000K/5000K, 2500lm	£304.21
MEO25-SCT/S	Sensor, 420mm diameter, Class II, IP65, IK10, 25W, Switchable 3000K/4000K/5000K, 2600lm	£304.21
MEO40-SCT	Dimmable, 520mm diameter, Class II, IP65, IK10, 40W, Switchable 3000K/4000K/5000K, 3900lm	£411.45
MEO40-SCT/S	Sensor, 520mm diameter, Class II, IP65, IK10, 40W, Switchable 3000K/4000K/5000K, 4000lm	£411.45

Emergency Option

Suffix	Description	Trade Price
/E	Emergency with Li-ion battery	+£92.00

Battery

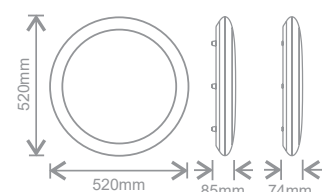
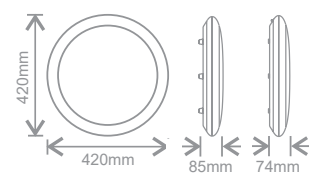
Order Code	Type	Capacity	Voltage	Trade Price
KBAT2600	Li-ion	2600mAh	7.4V	£47.50

Order Code

MEO25-SCT
MEO25-SCT/S
MEO25-SCT/E
MEO25-SCT/ES

MEO40-SCT
MEO40-SCT/S
MEO40-SCT/E
MEO40-SCT/ES

Dimensions



5 5 Years
Standard Warranty**7** 7 Years
Extended Warranty**2000V**
Surge Protection
(L to GND)

Codale

SPEC LINE

Surface or pendant LED circular panel

- Choices of 400mm, 500mm, 600mm diameter
- Emergency and microwave sensor options
- Surface or suspension mounting
- Flicker free

 Built-in emergency Built-in motion sensor Flicker free

General Specification

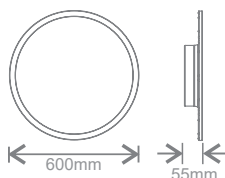
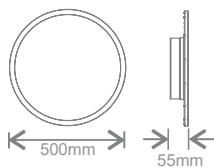
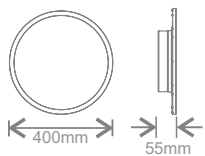
Voltage	220-240Vac 50-60Hz
CRI	>80
Life Time	40,000h
Power Factor	>0.95
Ambient Temp	-20°C to 40°C
Housing	Anodized aluminum
Diffuser	Polycarbonate



Order Code

KPNLLS25CS-W40
KPNLLS30CS-W40
KPNLLS35CS-W40
KPNLLS-BB
KPNLLS-BB/E
KPNLLS-BB/S
KPNLLS-BB/ES

Dimensions



Front LED panel (Must be ordered with back box)

Order Code	Power	Input Current	CCT	Lumen	Trade Price
KPNLLS25CS	25W	710mA	4000K	2100lm	£200.78
KPNLLS30CS	30W	710mA	4000K	2200lm	£248.23
KPNLLS35CS	35W	710mA	4000K	2940lm	£270.12

Back Box (Must be ordered with front LED panel)

Order Code	Type	Output Current	Battery	Trade Price
KPNLLS-BB	Standard	710mA	/	£131.11

Options

Suffix	Description	Trade Price
/E	Emergency with Li-ion battery	+£79.93
/S	Microwave sensor	+£28.27
/ES	Emergency & Microwave sensor	+£108.26

Battery

Order Code	Type	Capacity	Voltage	Trade Price
KBAT2600	Li-ion	2600mAh	7.4V	£47.50

Accessory

Type	Order Code	Description	Trade Price
Suspension kits	KPNLLS-SUS	Mounting plate with three wires. Up to 0.8m drop	£72.76

Portage

Dimmable integrated LED Wall Light

Flicker free



- Up and down wall lighting (50% up / 50% down)
 - Integrated LED modules
 - Mains dimmable
- Negligible UV output, ideal for retail application
 - Flicker free



5 5 Years
Standard Warranty

7 7 Years
Extended Warranty

1000V
Surge Protection
(L to GND)

Mains Dimmable
Dimmable



General Specification

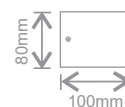
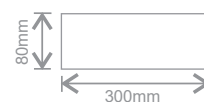
Voltage	220-240Vac 50-60Hz
CRI	>80
Life Time	40,000h
Power Factor	>0.96
Ambient Temp	-20°C to 40°C
Housing	Diecast aluminum



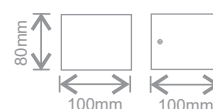
Order Code

KUDL16Q1-W30
KUDL07Q2-W30

Dimensions



KUDL16Q1



KUDL07Q2

Order Code	Power	Beam Angle	CCT	Lumen	Trade Price
KUDL16Q1	16W	120°	3000K	1100lm	£100.49
KUDL07Q2	7W	120°	3000K	380lm	£67.31

Viso LED Bulkhead

Bulkhead for K2D lamp with detachable rings

Emergency Module

Optional plug-in 3hr emergency module. Self-test version is also available.

K2D Range

Ideal for use with the K2D LED modules which have multi-wattage and multi-colour temperature switching functions.

Tamper-proof Screw (optional)

Tamper-proof screws and tool are available as optional accessories.



Polycarbonate Cover

Made from virgin polycarbonate by BAYER, achieving high transmittance of 68% and vandal resistance rating of IK10.



Easy Fixing Tab

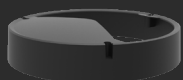
The plug-in emergency module is fixed to the base with 2 built-in turning tabs.

Vandal Resistant Ring Attachment

These ring attachments are securely fixed to the luminaire with screws.

Conduit Entry

Snap-off piece for 20mm conduit entry.



Eyelid

CREATING 405 Product Lines With

3 Options with plug-in emergency module

- Non-emergency
- Standard emergency
- Self-test emergency

5 Body style with ring attachment

- Standard
- With ring attachment
- With eyelid attachment

2 Product type with 27 settings

- 9W / 12W / 18W
- 2700K / 4000K / 5000K
- Standard, motion detection & corridor functions

Viso

IP65 & vandal proof bulkhead for K2D lamps

Plug-in emergency 

Interchangeable ring 

Modular design 

- Ring and eyelid shaped detachable ring
 - IP65 & vandal resistant (IK10)
- Optional plug-in emergency module
 - 20mm Conduit entry
- Suitable for coastal installation
 - BESA box fitting points



DD EME
EMDD02



Self-test DD EME
CEC02LBL/S

5 5 Years
Standard Warranty



Anti-vandal Screw Pack
KPT-SCREW1



Anti-vandal Screw Driver
KPT-SCREWDRIVER1

General Specification

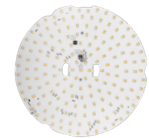
Voltage 220-240Vac
50-60Hz
LOR 68%
Ambient Temp -20°C to 40°C
Housing Polycarbonate



Recommended lamps



K2D Sensor ↪ P232



K2D Standard ↪ P231

Order Code	Description	Trade Price
KBHDDC7S65	IP65 vandal resistant bulkhead with clip-on ring	£62.24

Optional Gears

Type	Order Code	Description	Trade Price
Emergency module	EMDD02	Emergency module, LiFePO4 battery	£73.62
Self-test Emergency module	CEC02LBL/S	Self-test emergency module, Li-ion battery	£76.97

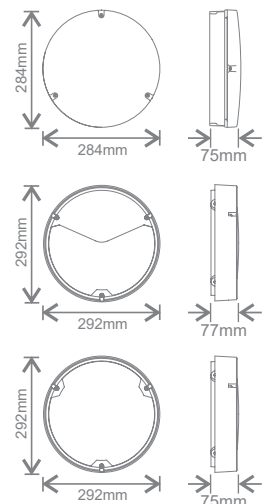
Accessories

Type	Order Code	Description	Trade Price
Screw	KPT-SCREW1	Anti-vandal screw 5/pack	£1.98
Tool	KPT-SCREWDRIVER1	Anti-vandal screw driver 2/pack	£8.83

Detachable rings

Order Code	KBHC7-TLID	KBHC7-TBLK	KBHC7-TGRY	KBHC7-TGLID
Trade Price	£26.21	£22.26	£20.97	£22.21

Dimensions



5 5 Years
Standard Warranty

7 7 Years
Extended Warranty

500V
Surge Protection



Anti-vandal Screw Pack
KPT-SCREW1



Anti-vandal Screw Driver
KPT-SCREWDRIVER1



Microwave Sensor
(Mounting height ≤8.5m)
KBTNLS1-MWS2

General Specification

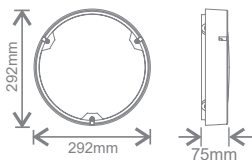
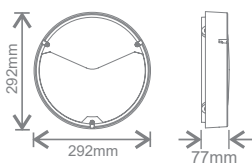
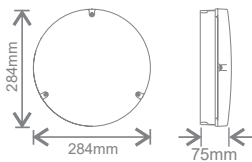
Voltage 220-240Vac
50-60Hz
CRI 84
Life Time 40,000h
Power Factor 0.9
Ambient Temp -20°C to 40°C
Housing Polycarbonate



Order Code

VIS12-SCT
VIS12-SCT/E

Dimensions



Viso-i

IP65 & vandal proof bulkhead with integrated LED tray

- Switchable CCT (3000/4000/5000K)
- Ring and eyelid shaped detachable ring
- IP65 & vandal resistant (IK10)
- Integrated LED tray
- Option of base with emergency module
- Optional microwave sensor
- 20mm Conduit entry
- Suitable for coastal installation
- BESA box fitting points
- Flicker free



Eyelid (Black)
KBHC7-TLID



Eyelid (Grey)
KBHC7-TGLID



Edge (Black)
KBHC7-TBLK



Edge (Grey)
KBHC7-TGRY

CCT CCT switching

E Built-in emergency

E Plug-in self-test EM

S Plug-in corridor sensor

I Interchangeable ring

F Flicker free

Eco Modular design

Order Code	Power	CCT	Lumen	Trade Price
VIS12-SCT	12W	Switchable*	1150lm(3000K) 1260lm(4000K) 1260lm(5000K)	£104.40

* When CCT switchable, colour temperature switches between 3000K, 4000K & 5000K

Emergency Option

Order Code	Description	Trade Price
VIS12-SCT/E	Standard emergency with LiFePO4 battery	£158.06

Battery

Order Code	Type	Capacity	Voltage	Trade Price
KBAT2000LFP1	LiFePO4	2000mAh	3.2V	£44.49

Optional Gears

Type	Order Code	Description	Trade Price
Self-test Emergency module	CEC02LBL/S	Self-test emergency module, Li-ion battery	£76.97
Microwave Sensor	KBTNLS1-MWS2	Microwave motion and daylight sensor	£24.20

Accessories

Type	Order Code	Description	Trade Price
Screw	KPT-SCREW1	Anti-vandal screw 5/pack	£1.98
Tool	KPT-SCREWDRIVER1	Anti-vandal screw driver 2/pack	£8.83

Detachable rings

Order Code	KBHC7-TLID	KBHC7-TBLK	KBHC7-TGRY	KBHC7-TGLID
Trade Price	£26.21	£22.26	£20.97	£22.21

Etna

Diecast aluminium exterior bulkhead for K2D lamps

Plug-in emergency 

Modular design 

- Diecast aluminium body
 - IP65
- Vandal proof, IK10
 - Anti-corrosion



Edge
(Lamp not included)



Eyelid
(Lamp not included)



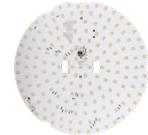
DD EME
EMDD02



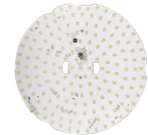
Self-test DD EME
CEC02LBL/S

5 5 Years
Standard Warranty

Recommended lamps



K2D Sensor ↪ P232



K2D Standard ↪ P231

LED DD lamp
↪ P234 - P237

General Specification

Voltage 220-240Vac
50-60Hz

Ambient Temp -20°C to 40°C

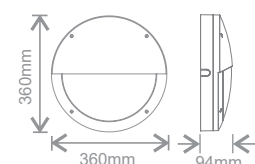
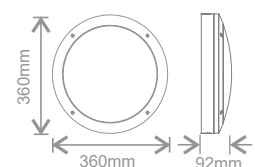
Housing Diecast
aluminum



Order Code

KBHDDC3S65-BLK
KBHDDC4S65-BLK

Dimensions



Edge

Order Code	LOR	Description	Trade Price
KBHDDC3S65	70%	Diecast aluminium circular bulkhead	£114.51

Eyelid

Order Code	LOR	Description	Trade Price
KBHDDC4S65	38%	Diecast aluminium circular bulkhead	£119.67

Optional Gears

Type	Order Code	Description	Trade Price
Emergency module	EMDD02	Emergency module, LiFePO4 battery	£73.62
Self-test Emergency module	CEC02LBL/S	Self-test emergency module, Li-ion battery	£76.97

5 5 Years
Standard Warranty

7 7 Years
Extended Warranty

2000V
Surge Protection
(L to GND)

Alto  Upgrade

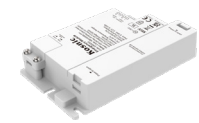
Wall pack with integrated LED

- Diecast aluminium body & polycarbonate diffuser
- IP65
- Dusk to dawn / microwave sensor option
- BESA box fitting points

 CCT switching

 Built-in motion sensor

 Dusk to dawn sensor



DD EME
EMDD02



Self-test DD EME
CEC02LBL/S

General Specification

Voltage 220-240Vac
50-60Hz
CRI 82
Life Time 50,000h
Power Factor >0.90
Ambient Temp -20°C to 40°C
Housing Polycarbonate



Standard

Order Code	Power	CCT	Lumen	Trade Price
ALT30-SCT	30W	Switchable*	2700lm(3000K)	£145.33
			2900lm(4000K)	
			2700lm(6500K)	
ALT50-SCT	50W	Switchable*	4600lm(3000K)	£159.89
			4900lm(4000K)	
			4600lm(6500K)	

Dusk to Dawn

Order Code	Power	CCT	Lumen	Trade Price
ALT30-SCT/DS	30W	Switchable*	2700lm(3000K)	£162.19
			2900lm(4000K)	
			2700lm(6500K)	
ALT50-SCT/DS	50W	Switchable*	4600lm(3000K)	£176.66
			4900lm(4000K)	
			4600lm(6500K)	

Microwave Sensor

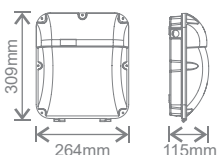
Order Code	Power	CCT	Lumen	Trade Price
ALT30-SCT/MS	30W	Switchable*	2700lm(3000K)	£161.71
			2900lm(4000K)	
			2700lm(6500K)	
ALT50-SCT/MS	50W	Switchable*	4600lm(3000K)	£186.24
			4900lm(4000K)	
			4600lm(6500K)	

* When CCT switchable, colour temperature switches between 3000K, 4000K & 6500K

Order Code

ALT30-SCT
ALT50-SCT
ALT30-SCT/DS
ALT50-SCT/DS
ALT30-SCT/MS
ALT50-SCT/MS

Dimensions



Optional Gears

Type	Order Code	Description	Trade Price
Emergency module	EMDD02	Emergency module, LiFePO4 battery	£73.62
Self-test Emergency module	CEC02LBL/S	Self-test emergency module, Li-ion battery	£76.97

Kaz

Narrow wall pack with integrated LED

Dusk to dawn sensor 

- Anti-corrosion polycarbonate body
- Durable and rugged IK10 polycarbonate construction
 - IP65
- Dusk to dawn sensor by default and rewirable
 - BESA box fitting points



- 5** 5 Years Standard Warranty
- 7** 7 Years Extended Warranty
- 2000V** Surge Protection (L to GND)

General Specification

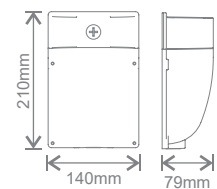
Voltage	220-240Vac 50-60Hz
CRI	>80
Life Time	40,000h
Power Factor	>0.94
Ambient Temp	-20°C to 40°C
Housing	Polycarbonate



Order Code

KAZ15-W30
KAZ15-W40

Dimensions



Order Code	Power	Beam Angle	CCT	Lumen	Trade Price
KAZ15	15W	120°	3000K 4000K	1575lm 1850lm	£79.52

5 5 Years
Standard Warranty

7 7 Years
Extended Warranty

2000V
Surge Protection
(L to GND)

Kabru

Low glare exterior wall-mount LED luminaire

- CCT switchable 3000K/4000K/6500K
- Dusk to dawn sensor by default
- Die-cast Anti-corrosion aluminium body
- IP65 and vandal resistant IK10
- BESA box fitting points

 CCT switching

 Dusk to dawn sensor

General Specification

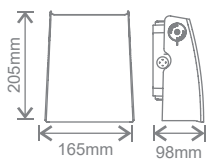
Voltage 220-240Vac
50-60Hz
CRI >80
Life Time 40,000h
Power Factor >0.95
Ambient Temp -20°C to 40°C
Housing Aluminium



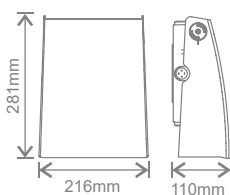
Order Code

KRU25/DS-SCT
KRU45/DS-SCT

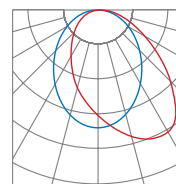
Dimensions



KRU25/DS-SCT



KRU45/DS-SCT

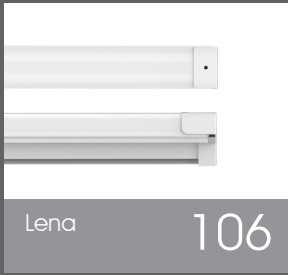


65° x 90°

Order Code	Power	Beam Angle	CCT	Lumen	Trade Price
KRU25/DS-SCT	25W	65°x90°	Switchable*	2210lm(3000K)	£102.60
				2650lm(4000K)	
				2650lm(6500K)	
KRU45/DS-SCT	45W	65°x90°	Switchable*	4100lm(3000K)	£178.94
				4750lm(4000K)	
				4750lm(6500K)	

* When CCT switchable, colour temperature switches between 3000K, 4000K & 6500K

5
Linear Luminaire



Lena 106



Niva II 107



Mira 109



Kasai 110



Arno 111



Arno-Pro 112



Arno-Retro 113



Slim-Line 114



Kennet 115



Milo 116



Milo II 117



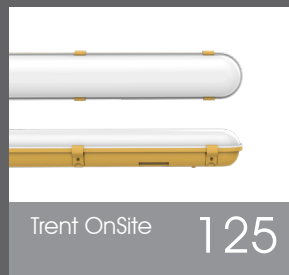
Nile II 118



Congo 122



Trent 123



Trent OnSite 125



Avon III 126



Indus 128



Volta III 129



Volga 130

Interior Batten Comparison



Lena

4ft	5ft	6ft	CCT Switching 3000K 4000K 6000K	Flicker Free Suspension Kit	Plug & Play Emergency
3300lm 3600lm 3600lm (30W)	5280lm 5760lm 5760lm (48W)	7150lm 7800lm 7800lm (65W)			



Niva II

4ft Single Output	4ft Twin Output	5ft Single Output	5ft Twin Output	6ft Single Output	6ft Twin Output	CCT Switching 3000K 4000K 6000K	Conduit Entry	DALI
2400lm 2600lm 2600lm (20W)	3600lm 3900lm 3900lm (30W)	3600lm 3900lm 3900lm (30W)	5800lm 6300lm 6300lm (50W)	4800lm 5200lm 5200lm (40W)	8400lm 9100lm 9100lm (70W)			

4ft		5ft		4000K Wattage Switching Flicker Free	Plug & Play Emergency Plug & Play Motion Sensor
2500lm (23W) (Default)	2800lm (28W) (Alternative)	3000lm (30W) (Default)	4000lm (40W) (Alternative)		



Milo

4ft	5ft	6ft	CCT Switching 3000K 4000K 6000K	Flicker Free IK08 Conduit Entry	Plug & Play Emergency Plug & Play Motion Sensor
3000lm 3300lm 3000lm (30W)	4800lm 5200lm 4800lm (48W)	6500lm 7100lm 6500lm (65W)			



Kennet

4ft Single Output	4ft Twin Output	5ft Single Output	5ft Twin Output	6ft Single Output	6ft Twin Output	4000K LED Integrated	Integrated Emergency
2400lm (20W)	3600lm (30W)	3600lm (30W)	6000lm (50W)	4800lm (40W)	7200lm (60W)		



Mira

4ft		5ft		CCT Switching 3000K 4000K 6000K	Wattage Switching Plug & Play Motion Sensor
3520lm 3840lm (32W) (Default)	1980lm 2160lm (18W) (Alternative)	5280lm 5760lm (48W) (Default)	3960lm 4320lm (36W) (Alternative)		



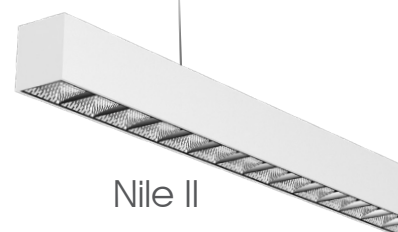
Arno-Pro

4ft	5ft	CCT Switching 3000K 4000K 6000K	Suspension Kit
3600lm 3800lm 3800lm (30W)	5400lm 5600lm 5600lm (45W)		



Slim-line II

4ft	5ft	4000K LED Integrated	Back Light Suspension Kit	DALI
5000lm (80°) 5000lm (85° x 85°) 2700lm (55° x 90°) (45W)	6500lm (80°) 6500lm (85° x 85°) 3100lm (55° x 90°) (60W)			



Nile II

Lena Interior LED Batten

Modular LED Batten

with plug-in motion sensor and emergency module



Enhanced Heat dissipation

Extruded aluminium LED tray with special structure for enhanced heat dissipation.

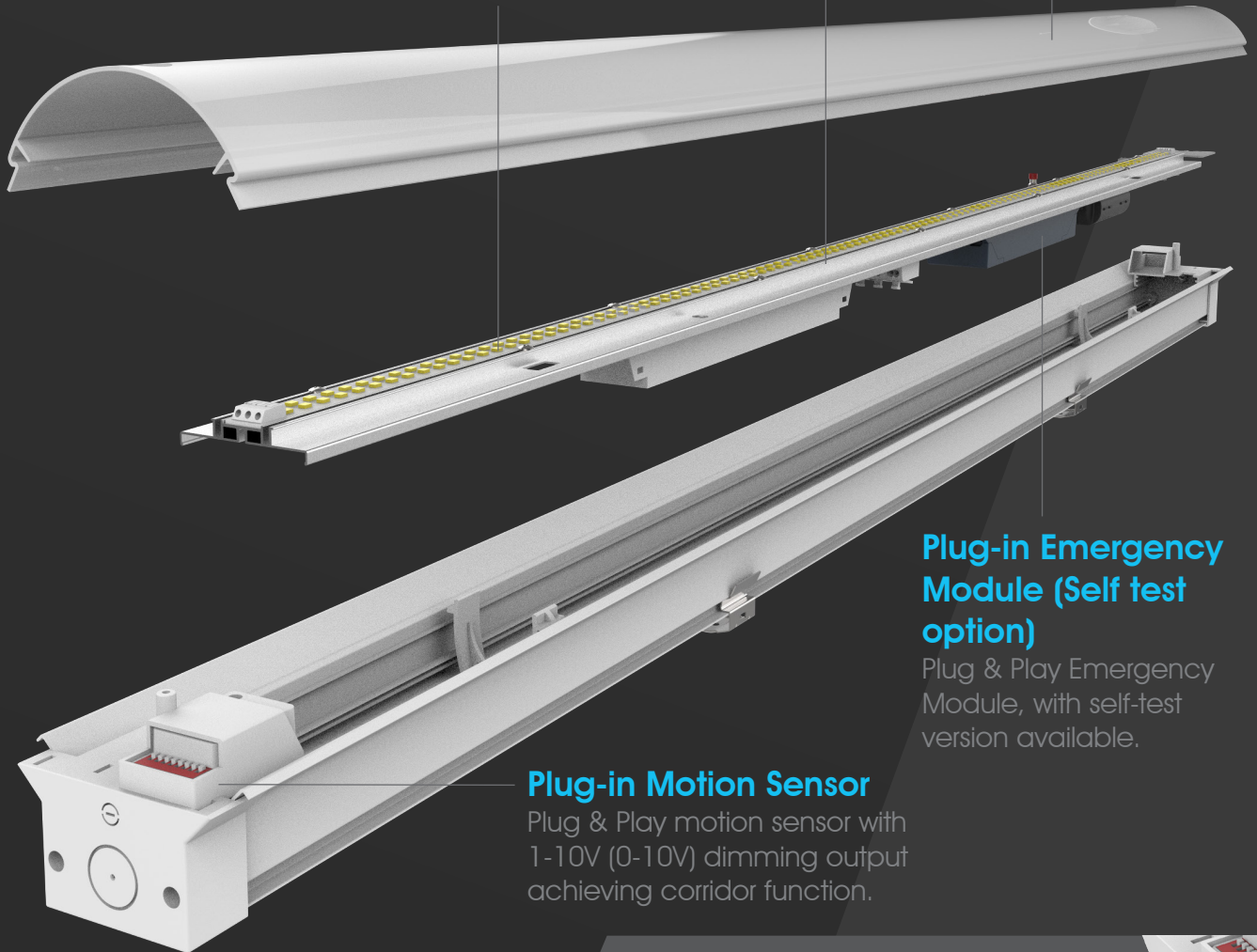
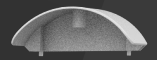
Clip-on PC diffuser

Optical polycarbonate diffuser with transmittance above 90%.



Colour temperature switching

CCT switchable
3000K/4000K/5000K.



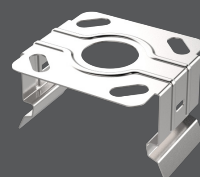
Plug-in Emergency Module (Self test option)

Plug & Play Emergency Module, with self-test version available.

Plug-in Motion Sensor

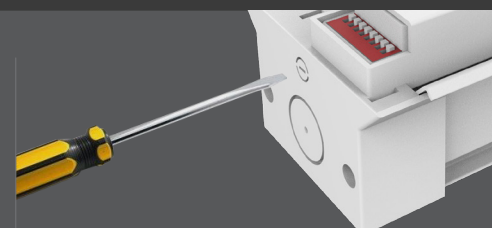
Plug & Play motion sensor with 1-10V (0-10V) dimming output achieving corridor function.

Patent



BESA Box Clip

Clips included for installation on BESA box



Built-in LED indicator

Use screw driver to twist and snap the covering piece to see the LED indicator

Lena

Interior batten with integrated LED

- Switchable CCT (3000K/4000K/6000K)
 - Flicker free
- Plug & play microwave sensor module with corridor function
 - Plug & play emergency module
 - 20mm Conduit entry
 - BESA box fitting points

Plug-in emergency



Plug-in corridor sensor



CCT switching



Flicker free



Modular design



Ultra high efficiency



5 5 Years
Standard Warranty

7 7 Years
Extended Warranty

2000V
Surge Protection
(L to GND)



Microwave Sensor
(Mounting height ≤8.5m)
KBTNLS1-MWS2

General Specification

Voltage	220-240Vac 50-60Hz
CRI	>80
Life Time	40,000h
Power Factor	0.95
Ambient Temp	-20°C to 40°C
Housing	Polycarbonate



Order Code	Power	Length	CCT	Lumen	Trade Price
KBTNLS30LS1	30W	4ft	Switchable*	3300lm (3000K) 3600lm (4000K) 3600lm (6000K)	£179.02
KBTNLS48LS1	48W	5ft	Switchable*	5280lm (3000K) 5760lm (4000K) 5760lm (6000K)	£214.07
KBTNLS65LS1	65W	6ft	Switchable*	7150lm (3000K) 7800lm (4000K) 7800lm (6000K)	£275.39

* When CCT switchable, colour temperature switches between 3000K, 4000K & 6000K

Optional Gears

Type	Order code	Description	Trade Price
Emergency module	CEW05LBL/N	Emergency, with Li-ion battery	£95.92
Self-Test emergency module	CEW05LBL/S	Self-test emergency, with Li-ion battery	£112.64
Microwave Sensor	KBTNLS1-MWS2	Microwave motion and daylight sensor	£24.20

Accessories

Type	Order code	Description	Trade Price
Suspension Kit	KPTBTN/SUS1	Pair of 1m suspension wires	£12.81
BESA Box Clip	KBTNLS1-BESA	Mounting clip for installation on a BESA box	£2.78

Order Code

KBTNLS30LS1/SCT
KBTNLS48LS1/SCT
KBTNLS65LS1/SCT

Dimensions



5 5 Years
Standard Warranty

7 7 Years
Extended Warranty

2000V
Surge Protection
(L to GND)

General Specification

Voltage 220-240Vac
50-60Hz
CRI 80
Life Time 40,000h
Power Factor 0.95
Ambient Temp -20°C to 40°C
Housing Polycarbonate
TP(b)



Order Code

KBTN2OLS4/SCT
KBTN2OLS4/SCT/S
KBTN3OLS4/SCT
KBTN3OLS4/SCT/S
KBTN4OLS4/SCT
KBTN4OLS4/SCT/S
KBTN3OLS3/SCT
KBTN3OLS3/SCT/S
KBTN3OLS3/SCT/D
KBTN5OLS3/SCT
KBTN5OLS3/SCT/S
KBTN5OLS3/SCT/D
KBTN7OLS3/SCT
KBTN7OLS3/SCT/S
KBTN7OLS3/SCT/D

Dimensions

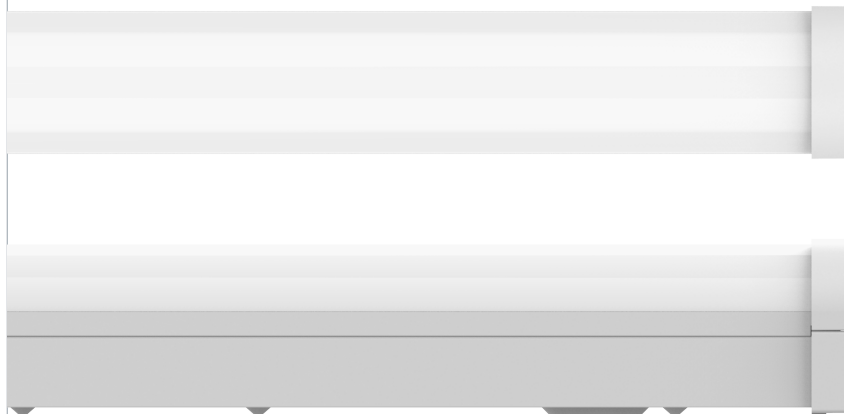


Niva II

Interior batten with integrated LED

- Switchable CCT (3000K/4000K/6000K)
- High efficiency up to 130lm/W
- Optional plug-in emergency module available
- For single and twin tube batten replacement
- 20mm Conduit entry
- BESA box fitting points

- Plug-in emergency
- Built-in motion sensor
- CCT switching
- Modular design
- Ultra high efficiency



Single Output (with light output of single T8 batten)

Order Code	Type	Power	Length	CCT	Lumen	Trade Price
KBTN2OLS4/SCT	Standard	20W	4ft	Switchable*	2500lm(3000K)	£76.46
					2800lm(4000K)	
					2500lm(6000K)	
KBTN3OLS4/SCT	Standard	30W	5ft	Switchable*	3700lm(3000K)	£93.16
					4100lm(4000K)	
					3700lm(6000K)	
KBTN4OLS4/SCT	Standard	40W	6ft	Switchable*	4900lm(3000K)	£114.53
					5300lm(4000K)	
					4900lm(6000K)	

* When CCT switchable, colour temperature switches between 3000K, 4000K & 6000K

Twin Output(with light output of twin T8 batten)

Order Code	Type	Power	Length	CCT	Lumen	Trade Price
KBTN30LS3/SCT	Standard	30W	4ft	Switchable*	3700lm(3000K)	£78.59
					4100lm(4000K)	
					3700lm(6000K)	
KBTN30LS3/SCT/D	DALI	30W	4ft	Switchable*	3700lm(3000K)	£150.34
					4100lm(4000K)	
					3700lm(6000K)	
KBTN50LS3/SCT	Standard	50W	5ft	Switchable*	5900lm(3000K)	£105.47
					6300lm(4000K)	
					5900lm(6000K)	
KBTN50LS3/SCT/D	DALI	50W	5ft	Switchable*	5900lm(3000K)	£178.35
					6300lm(4000K)	
					5900lm(6000K)	
KBTN70LS3/SCT	Standard	70W	6ft	Switchable*	8600lm(3000K)	£131.07
					9200lm(4000K)	
					8600lm(6000K)	
KBTN70LS3/SCT/D	DALI	70W	6ft	Switchable*	8600lm(3000K)	£213.54
					9200lm(4000K)	
					8600lm(6000K)	

* When CCT switchable, colour temperature switches between 3000K, 4000K & 6000K

Sensor Option

Suffix	Description	Trade Price
/S	Microwave sensor (not compatible with DALI version)	+£40.00

Optional Gears

Type	Order code	Description	Trade Price
Emergency module	CEW05LBL/N	Emergency, with Li-ion battery	£95.92
Self-Test emergency module	CEW05LBL/S	Self-test emergency, with Li-ion battery	£112.64

3 3 Years
Standard Warranty

5 5 Years
Extended Warranty

2000V
Surge Protection
(L to GND)



Microwave Sensor
(Mounting height ≤ 1.2m)
KLBAL1-MWS

General Specification

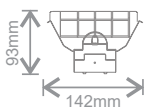
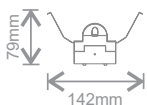
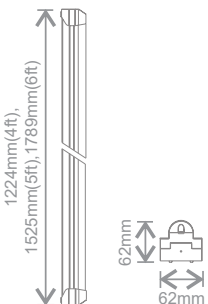
Voltage 220-240Vac
50-60Hz
CRI >80
Life Time 40,000h
Power Factor 0.95
Ambient Temp -20°C to 40°C
Housing Polycarbonate
TP(b)



Order Code

MIR4FS20-W40
MIR4FS20-W40/E
MIR5FS30-W40
MIR5FS30-W40/E
MIR6FS40-W40
MIR6FS40-W40/E
MIR4FT30-W40
MIR4FT30-W40/E
MIR5FT50-W40
MIR5FT50-W40/E
MIR6FT60-W40
MIR6FT60-W40/E

Dimensions



Interior batten with integrated LED

- Retrofit replacement of traditional T8 single and twin battens
- Option of integrated emergency version
- Option of reflectors
- BESA box fitting points

Built-in emergency

Ultra high efficiency



▲ With Reflector & Guard Cage

Single Output (with light output of single T8 batten)

Order Code	Power	Length	CCT	Lumen	Trade Price
MIR4FS20	20W	4ft	4000K	2400lm	£62.59
MIR5FS30	30W	5ft	4000K	3600lm	£71.19
MIR6FS40	40W	6ft	4000K	4800lm	£77.69

Twin Output (with light output of twin T8 batten)

Order Code	Power	Length	CCT	Lumen	Trade Price
MIR4FT30	30W	4ft	4000K	3600lm	£62.81
MIR5FT50	50W	5ft	4000K	6000lm	£75.73
MIR6FT60	60W	6ft	4000K	7200lm	£83.34

Emergency Option

Suffix	Description	Trade Price
/E	Emergency with LiFePO4 battery	+£43.00

Battery

Order Code	Type	Capacity	Voltage	Trade Price
BAT20LFP2-M2	LiFePO4	2000mAh	6.4V	£15.70

Accessories

Type	Order Code	Description	Trade Price
Reflector	KPT-R4F-WHT	Reflector for 20W/30W 4ft batten	£16.98
Reflector	KPT-R5F-WHT	Reflector for 30W/50W 5ft batten	£20.58
Reflector	KPT-R6F-WHT	Reflector for 40W/60W 6ft batten	£23.68
Guard Cage	KPT-GC4F	Guard cage for 4ft batten	£11.94
Guard Cage	KPT-GC5F	Guard cage for 5ft batten	£14.41
Guard Cage	KPT-GC6F	Guard cage for 6ft batten	£16.67

Kasai

Prewired batten for LED T8 lamps

- Optional reflector and guard cage
- BESA box fitting points

5 5 Years Standard Warranty

Recommended lamp



LED T8 Pro ↪ P238

Lamps not included



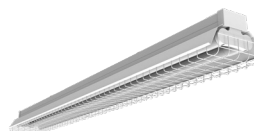
▲ Twin Batten



▲ Single Batten



▲ Single Batten with Reflector



▲ Twin Batten with Reflector & Guard Cage

General Specification

Voltage 220-240Vac
50-60Hz

Housing Steel



Order Code

KEBNT8LS204F1
KEBNT8LS204F2

KEBNT8LS205F1
KEBNT8LS205F2

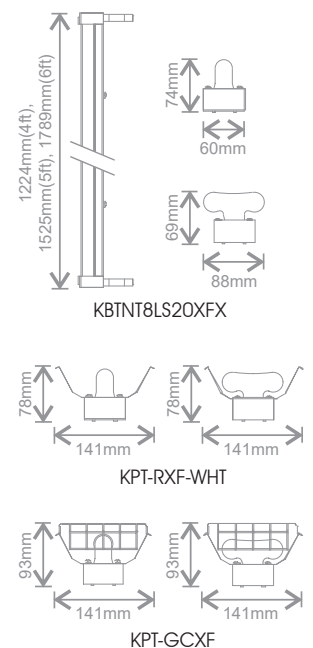
KEBNT8LS206F1
KEBNT8LS206F2

Order Code	Length	Lamp (not included)	Trade Price
KEBNT8LS204F1	4ft single	1 x 4ft LED T8	£37.24
KEBNT8LS204F2	4ft twin	2 x 4ft LED T8	£38.04
KEBNT8LS205F1	5ft single	1 x 5ft LED T8	£43.43
KEBNT8LS205F2	5ft twin	2 x 5ft LED T8	£44.24
KEBNT8LS206F1	6ft single	1 x 6ft LED T8	£49.07
KEBNT8LS206F2	6ft twin	2 x 6ft LED T8	£49.88

Accessories

Type	Order Code	Description	Models	Trade Price
Reflector	KPT-R4F-WHT	White powder coated sheet steel reflector	KEBNT8LS204F1 KEBNT8LS204F2	£16.98
Reflector	KPT-R5F-WHT	White powder coated sheet steel reflector	KEBNT8LS205F1 KEBNT8LS205F2	£20.58
Reflector	KPT-R6F-WHT	White powder coated sheet steel reflector	KEBNT8LS206F1 KEBNT8LS206F2	£23.68
Guard Cage	KPT-GC4F	Guard cage for single or twin 4ft LED T8 batten	KEBNT8LS204F1 KEBNT8LS204F2	£11.94
Guard Cage	KPT-GC5F	Guard cage for single or twin 5ft LED T8 batten	KEBNT8LS205F1 KEBNT8LS205F2	£14.41
Guard Cage	KPT-GC6F	Guard cage for single or twin 6ft LED T8 batten	KEBNT8LS206F1 KEBNT8LS206F2	£16.67

Dimensions



3 3 Years
Standard Warranty

5 5 Years
Extended Warranty

1000V
Surge Protection

Arno

Thin profile interior batten with integrated LED

- High efficiency of 110lm/W
- 2 ranges for replacement of single and twin T8 battens
- Supplied with long lead of 2/3 length of the luminaire

General Specification

Voltage 220-240Vac
50-60Hz
CRI >80
Life Time 40,000h
Power Factor >0.92
Ambient Temp -20°C to 40°C
Housing Polycarbonate
TP(a)



Order Code

ARN2FS12-W40
ARN2FS12-W65
ARN4FS18-W40
ARN4FS18-W65
ARN5FS36-W40
ARN5FS36-W65
ARN6FS45-W40
ARN6FS45-W65
ARN2FT18-W40
ARN2FT18-W65
ARN4FT32-W40
ARN4FT32-W65
ARN5FT48-W40
ARN5FT48-W65
ARN6FT60-W40
ARN6FT60-W65

Dimensions



Single Output (with light output of single T8 batten)

Energy Class:

Order Code	Power	Length	CCT	Lumen	Trade Price
ARN2FS12	12W	2ft	4000K 6500K	1320lm	£28.62
ARN4FS18	18W	4ft	4000K 6500K	1980lm	£43.21
ARN5FS36	36W	5ft	4000K 6500K	3960lm	£60.45
ARN6FS45	45W	6ft	4000K 6500K	4950lm	£73.37

Twin Output (with light output of twin T8 batten)

Energy Class:

Order Code	Power	Length	CCT	Lumen	Trade Price
ARN2FT18	18W	2ft	4000K 6500K	1980lm	£31.18
ARN4FT32	32W	4ft	4000K 6500K	3520lm	£45.77
ARN5FT48	48W	5ft	4000K 6500K	5280lm	£65.99
ARN6FT60	60W	6ft	4000K 6500K	6600lm	£78.49

Arno-Pro

Wattage and CCT switchable interior LED batten

- High efficiency of 120lm/W
- Switchable CCT (3000K/4000K/6000K)
 - 2 switchable wattage
- Easy installation with surface mounting clips
 - Plug-in motion sensor
 - BESA box fitting points

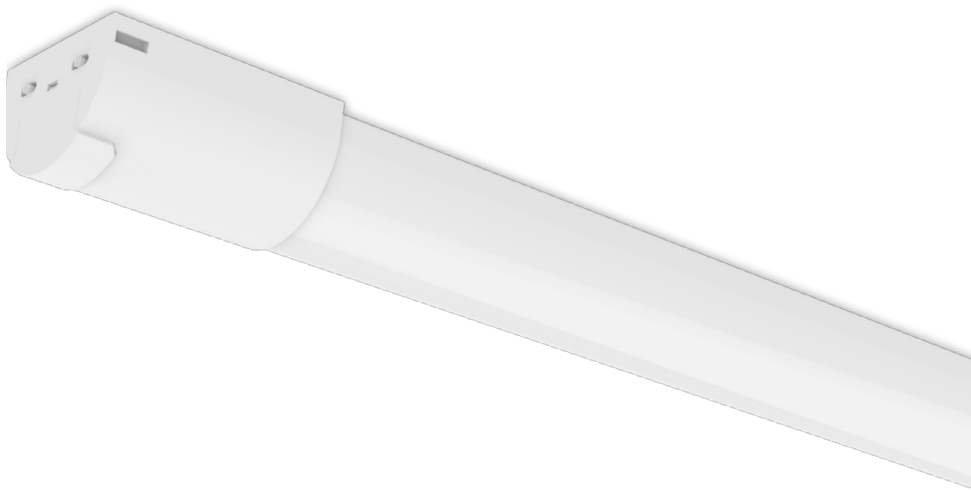
Plug-in corridor sensor 

CCT switching 

Wattage switching 

Modular design 

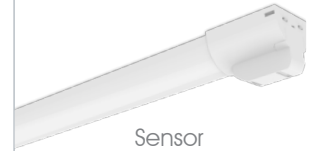
Ultra high efficiency 



3 3 Years Standard Warranty

5 5 Years Extended Warranty

2000V Surge Protection



Sensor



Microwave Sensor (Mounting height ≤8.5m)
KBTNLS1-MWS2

General Specification

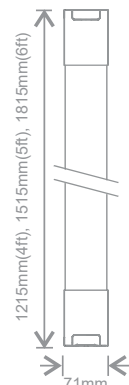
Voltage 220-240Vac
50-60Hz
CRI >80
Life Time 40,000h
Power Factor >0.90
Ambient Temp -20°C to 40°C
Housing Polycarbonate TP(b)



Order Code

ARNP4F32-SCT
ARNP5F48-SCT
ARNP6F60-SCT

Dimensions



Order Code	Default Power	Alternative Power	Length	CCT	Lumen	Trade Price
ARNP4F32	-	18W	4ft	Switchable*	1980lm(3000K) 2160lm(4000K) 2160lm(6000K)	£73.51
	32W	-	4ft	Switchable*	3110lm(3000K) 3750lm(4000K) 3750lm(6000K)	
ARNP5F48	-	36W	5ft	Switchable*	3960lm(3000K) 4320lm(4000K) 4320lm(6000K)	£93.63
	48W	-	5ft	Switchable*	5030lm(3000K) 5600lm(4000K) 5600lm(6000K)	
ARNP6F60	-	45W	6ft	Switchable*	4950lm(3000K) 5400lm(4000K) 5400lm(6000K)	£127.76
	60W	-	6ft	Switchable*	6300lm(3000K) 7000lm(4000K) 7000lm(6000K)	

* When CCT switchable, colour temperature switches 3000K, 4000K & 6000K

Options Gear

Type	Order code	Description	Trade Price
Microwave Sensor	KBTNLS1-MWS2	Microwave motion and daylight sensor	£24.20

3 3 Years
Standard Warranty

5 5 Years
Extended Warranty

1000V
Surge Protection



Sensor



Microwave Sensor
(Mounting height ≤8.5m)
KBTNLS1-MWS2



Push-in Batten EME
BEM03 BEM03/ST

General Specification

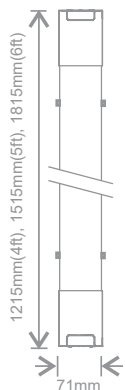
Voltage 220-240Vac
50-60Hz
CRI >80
Life Time 40,000h
Power Factor >0.90
Ambient Temp -20°C to 40°C
Housing Polycarbonate TP(b)



Order Code

ARNT4F32-SCT
ARNT5F48-SCT
ARNT6F60-SCT

Dimensions



Arno-Retro

Wattage and CCT switchable retro-fit interior LED batten

- Sheet metal base box that retrofits the traditional T8 battens
- 20mm conduit entry and BESA box fitting points
- Option of base with emergency module
- High efficiency of 120lm/W
- Switchable CCT (3000K/4000K/6000K)
- 2 switchable wattage
- Easy installation with surface mounting clips.
- Plug-in motion sensor
- Flicker free

Plug-in corridor sensor

Built-in emergency

CCT switching

Wattage switching

Flicker free

Modular design

Ultra high efficiency



Order Code	Default Power	Alternative Power	Length	CCT	Lumen	Trade Price
ARNT4F32	-	18W	4ft	Switchable*	1980lm(3000K) 2160lm(4000K) 2160lm(6000K)	£114.71
	32W	-	4ft	Switchable*	3110lm(3000K) 3750lm(4000K) 3750lm(6000K)	
ARNT5F48	-	36W	5ft	Switchable*	3960lm(3000K) 4320lm(4000K) 4320lm(6000K)	£135.94
	48W	-	5ft	Switchable*	5030lm(3000K) 5600lm(4000K) 5600lm(6000K)	
ARNT6F60	-	45W	6ft	Switchable*	4950lm(3000K) 5400lm(4000K) 5400lm(6000K)	£170.8
	60W	-	6ft	Switchable*	6300lm(3000K) 7000lm(4000K) 7000lm(6000K)	

* When CCT switchable, colour temperature switches 3000K, 4000K & 6000K

Options Gears

Type	Order code	Description	Trade Price
Emergency module	BEM03	Emergency, with LiFePO4 battery	£69.17
Self-Test emergency module	BEM03/ST	Self-test emergency, with LiFePO4 battery	£80.66
Microwave Sensor	KBTNLS1-MWS2	Microwave motion and daylight sensor	£24.20

Slim-Line

Slim profile integrated LED batten

5 5 Years
Standard Warranty

7 7 Years
Extended Warranty

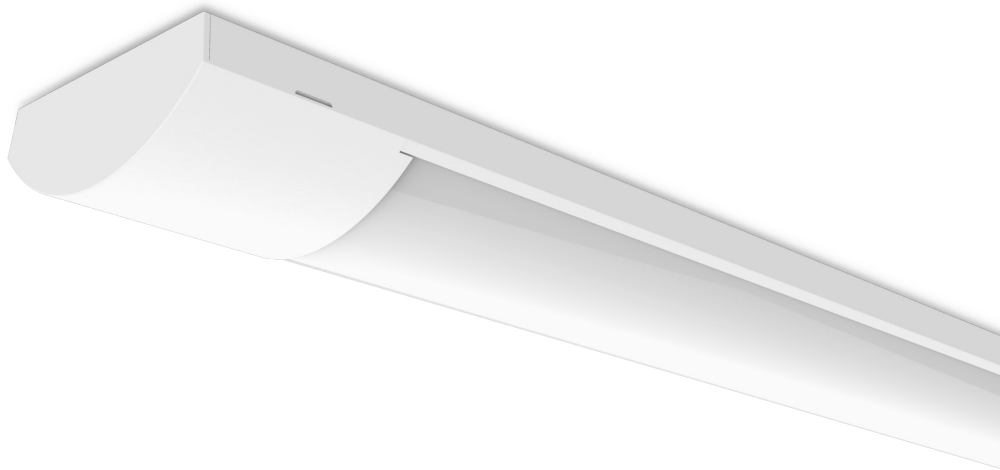
2000V
Surge Protection
(L to GND)

CCT switching 

Flicker free 

Ultra high efficiency 

- Switchable CCT (3000K/4000K/6000K)
 - High efficiency of 120 lm/W
 - Slim profile
- Simple external bracket mounting
- Long operational life of 40,000 h
 - Flicker free



Suspension mount



General Specification

Voltage 220-240Vac
50-60Hz
CRI >80
Life Time 40,000h
Power Factor 0.95
Ambient Temp -20°C to 40°C
Housing Polycarbonate
TP(b)



Order Code

KBTN30LS2/SCT
KBTN45LS2/SCT

Dimensions



Order Code	Power	Length	CCT	Lumen	Trade Price
KBTN30LS2/SCT	30W	4ft	Switchable*	3600lm (3000K) 3800lm (4000K) 3800lm (6000K)	£129.90
KBTN45LS2/SCT	45W	5ft	Switchable*	5400lm (3000K) 5600lm (4000K) 5600lm (6000K)	£144.37

* When CCT switchable, colour temperature switches between 3000K, 4000K & 6000K

Accessory

Type	Order Code	Description	Trade Price
Suspension Kit	KPTBTN/SUS2	Maximum 1.3m drop	£7.02

5 5 Years
Standard Warranty

7 7 Years
Extended Warranty

2000V
Surge Protection
(L to GND)



Microwave Sensor
(Mounting height ≤8.5m)
KBTNLS1-MWS2



Push-in Batten EME
BEM03 BEM03/ST

General Specification

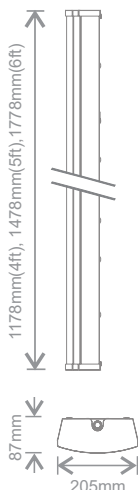
Voltage 220-240Vac
50-60Hz
CRI >80
Life Time 40,000h
Power Factor 0.95
Ambient Temp -20°C to 40°C
Housing Polycarbonate
TP(a)



Order Code

KEN4F-SCT
KEN4F-SCT/D
KEN5F-SCT
KEN5F-SCT/D
KEN6F-SCT
KEN6F-SCT/D

Dimensions



Kennet NEW Available Dec. 2021

Interior surface mount slim profile batten

- Ideal replacement for twin T8 surface mount battens
- 20mm conduit entries
- Switchable CCT (3000K/4000K/6000K)
- Flicker free
- Plug & play microwave sensor module with corridor function, for standard version only
- Plug & play emergency module
- BESA box fitting points

- Plug-in emergency
- Plug-in corridor sensor
- CCT switching
- Flicker free
- Modular design



Order Code	Type	Power	Length	CCT	Lumen	Trade Price
KEN4F-SCT	Standard	30W	4ft	Switchable*	3000lm (3000K) 3300lm (4000K) 3000lm (6000K)	£165.34
KEN4F-SCT/D	DALI	30W	4ft	Switchable*	3000lm (3000K) 3300lm (4000K) 3000lm (6000K)	£196.63
KEN5F-SCT	Standard	48W	5ft	Switchable*	4800lm (3000K) 5200lm (4000K) 4800lm (6000K)	£196.28
KEN5F-SCT/D	DALI	48W	5ft	Switchable*	4800lm (3000K) 5200lm (4000K) 4800lm (6000K)	£237.72
KEN6F-SCT	Standard	65W	6ft	Switchable*	6500lm (3000K) 7100lm (4000K) 6500lm (6000K)	£232.36
KEN6F-SCT/D	DALI	65W	6ft	Switchable*	6500lm (3000K) 7100lm (4000K) 6500lm (6000K)	£267.03

* When CCT switchable, colour temperature switches 3000K, 4000K & 6000K

Optional Gears

Type	Order code	Description	Trade Price
Emergency module	BEM03	Emergency, with LiFePO4 battery	£69.17
Self-Test emergency module	BEM03/ST	Self-test emergency, with LiFePO4 battery	£80.66
Microwave Sensor*	KBTNLS1-MWS2	Microwave motion and daylight sensor	£24.20

* Microwave sensor does not work with DALI version

Milo

Interior batten with edge-lit LED panel

- Designed to replace the popular twin T8 surface modular
 - Switchable wattage
 - Flicker-free driver as standard
- Daylight harvesting alternative driver available
 - Plug & play microwave sensor module
 - Plug & play emergency module
 - BESA box fitting points
 - Flicker free

Plug-in emergency 

Plug-in on/off sensor 

Wattage switching 

Flicker free 

Modular design 



5 5 Years
Standard Warranty

7 7 Years
Extended Warranty

DALI & 1-10V (0-10V)
Dimmable Options

1000V
Surge Protection

Surface-mount



Suspension mount



General Specification

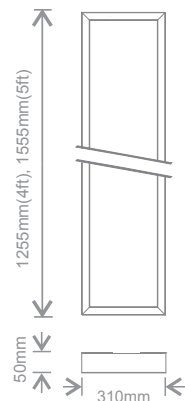
Voltage 220-240Vac
50-60Hz
CRI >80
Life Time 40,000h
Power Factor 0.90
Ambient Temp -20°C to 40°C
Housing Polycarbonate



Order Code

KBTN2328LS9-W40
KBTN3040LS9-W40

Dimensions



Order Code	Default Power	Alternative Power	Length	CCT	Lumen	Trade Price
KBTN2328LS9	23W	-	4ft	4000K	2500lm	£210.16
	-	28W	4ft	4000K	2800lm	
KBTN3040LS9	30W	-	5ft	4000K	3000lm	£278.12
	-	40W	5ft	4000K	4000lm	

Optional Gears

Type	Order Code	Description	Trade Price
Dimmable driver	CYC030TDC30-90	Configurable DALI & 1-10V (0-10V) Dimmable Driver for KBTN2328LS9	£70.55
Dimmable driver	CYC050TDC70-140	Configurable DALI & 1-10V (0-10V) Dimmable Driver for KBTN3040LS9	£85.13
Emergency module	CEW03LIC/N	UEM, 3W, Li-ion battery	£107.71
Self-test emergency module	CEW03LIC/S	Self-test UEM, 3W, Li-ion battery	£130.74

Accessory

Type	Order Code	Description	Trade Price
Suspension Kit	KPTBTN/SUS3	Maximum 1.0m drop	£12.68

- 5** 5 Years
Standard Warranty
- 7** 7 Years
Extended Warranty
- DALI & 1-10V (0-10V)**
Dimmable Options
- 1000V**
Surge Protection

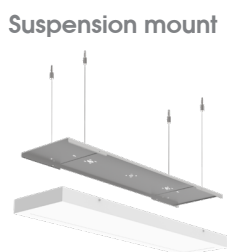
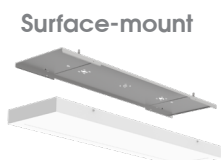
Milo II

NEW Available Feb. 2022

Interior batten with edge-lit LED panel

- Designed to replace the popular twin T8 surface modular
- Switchable wattage
- Flicker-free driver as standard
- Daylight harvesting alternative driver available
- Plug & play microwave sensor module
- Plug & play emergency module
- BESA box fitting points
- Flicker free

- Plug-in emergency
- Plug-in on/off sensor
- Wattage switching
- Flicker free
- Modular design



General Specification

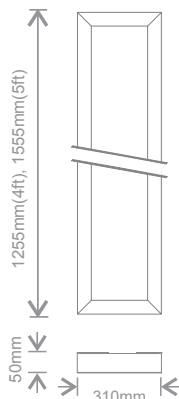
Voltage 220-240Vac
50-60Hz
CRI >80
Life Time 40,000h
Power Factor 0.90
Ambient Temp -20°C to 40°C
Housing Polycarbonate



Order Code

MIL4F28-W40
MIL5F36-W40

Dimensions



Order Code	Default Power	Alternative Power	Length	CCT	Lumen	Trade Price
MIL4F28	23W	-	4ft	4000K	2200lm	£221.25
	-	28W	4ft	4000K	2700lm	
MIL5F36	27W	-	5ft	4000K	2800lm	£268.58
	-	36W	5ft	4000K	3600lm	

Optional Gears

Type	Order Code	Description	Trade Price
Emergency module	UEM02	UEM, 2.3W, Li-ion battery	£73.09
Emergency module	UEM02/ST	Self-test UEM, 2.3W, Li-ion battery	£86.72

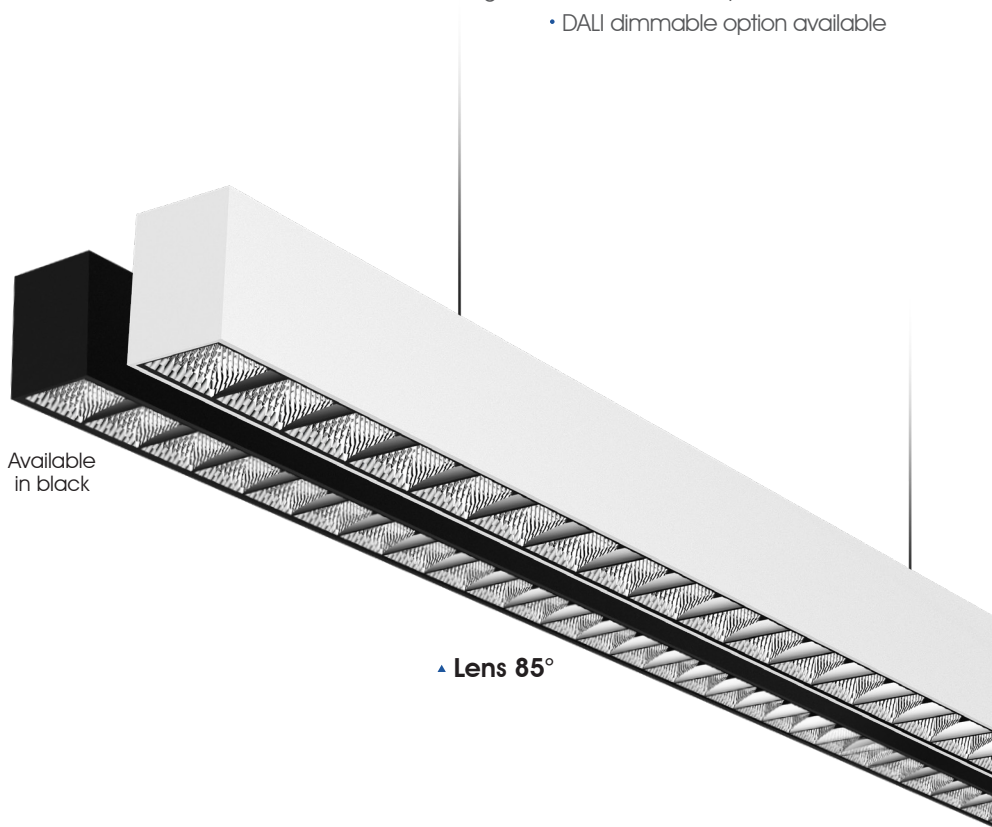
Accessory

Type	Order Code	Description	Trade Price
Suspension Kit	KPTBTN/SUS3	Maximum 1.0m drop	£12.68

SPEC LINE Nile II

Interior LED batten with multiple mounting options

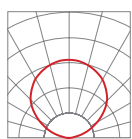
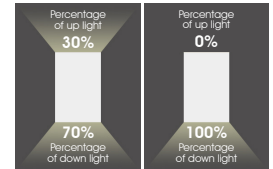
- Slick and stylish design, ideal for modern offices
- Surface, suspension, Global / Unipro 3-circuit or interlock mounting options
 - Variety of diffuser and beam options
- Built-In backlight option available (30% up and 70% down)
 - Low glare, UGR<19 for microprism PS diffuser
 - DALI dimmable option available



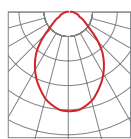
5 5 Years Standard Warranty

7 7 Years Extended Warranty

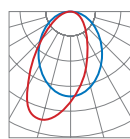
2000V Surge Protection (L to GND)



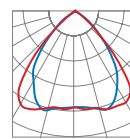
Up Light 110°



Down Light 80°



Down Light 55° x 90°



Down Light 85° x 85°

General Specification

Voltage	220-240Vac 50-60Hz
CRI	>80
Life Time	40,000h
Power Factor	0.98
Ambient Temp	-20°C to 40°C
Housing	Extrusion Aluminum
Diffuser	Polycarbonate



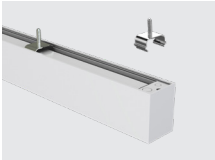
Dimensions



Order Code	Type	Power	Length	Beam Angle	Finish	CCT	Lumen	Trade Price
KBTN45LH	Standard	45W	4ft	80° *	White Black	4000K	5000lm	£276.91
				85° x 85°			5000lm	£315.79
				55° x 90°			2700lm	£315.79
KBTN45LH/D	DALI	45W	4ft	80° *	White Black	4000K	5000lm	£337.20
				85° x 85°			5000lm	£375.98
				55° x 90°			2700lm	£375.98
KBTN60LH	Standard	60W	5ft	80° *	White Black	4000K	6500lm	£325.02
				85° x 85°			6500lm	£384.91
				55° x 90°			3100lm	£384.91
KBTN60LH/D	DALI	60W	5ft	80° *	White Black	4000K	6500lm	£385.31
				85° x 85°			6500lm	£445.19
				55° x 90°			3100lm	£445.19

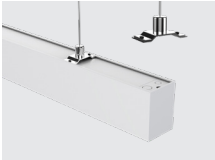
* Low glare, UGR<19 with room size of 4h x 2h, where h is the height of the room

Surface mount



Included in package

Suspension mount



Included in package

**3-circuit
Global/Unipro Track**

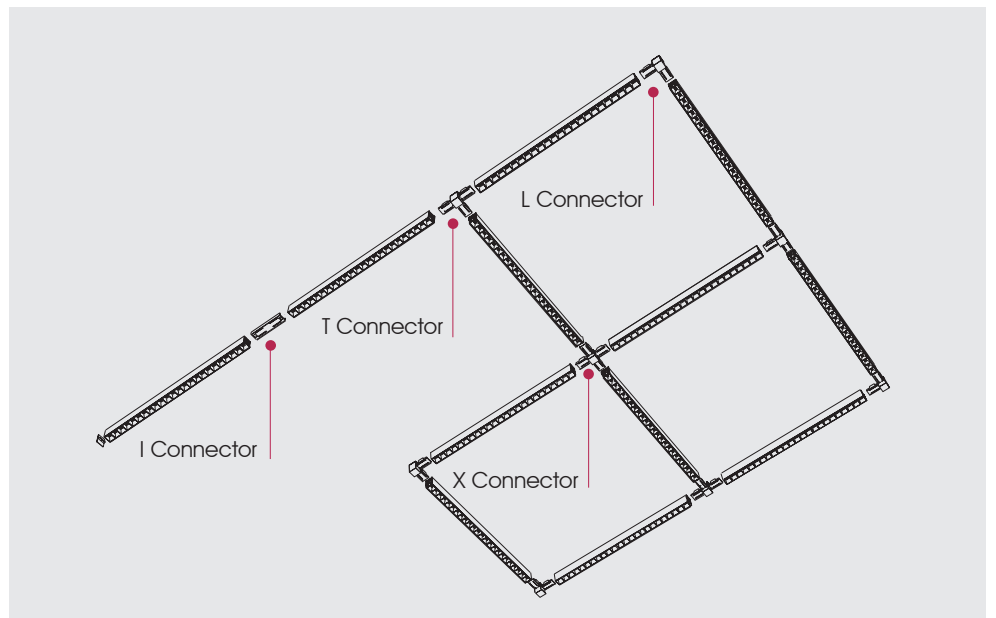


Optional,
order separately

Accessories

Type	Order Code	Description	Trade Price
Track Adaptor	KPT-KBTN-TADA1-WHT	Global/Unipro 3-circuit track, 3-core flex not suitable for dimming	£76.87
Track Adaptor	KPT-KBTN-TADA1-BLK	Global/Unipro 3-circuit track, 3-core flex not suitable for dimming	£76.87
Track Adaptor	KPT-KBTN-TADA2-WHT	Global/Unipro 3-circuit track, 5-core flex suitable for dimming	£91.34
Track Adaptor	KPT-KBTN-TADA2-BLK	Global/Unipro 3-circuit track 5-core flex suitable for dimming	£91.34
Interlock L Connector	KPT-KBTN-CL-WHT	90° Interlock connector in white	£17.22
Interlock L Connector	KPT-KBTN-CL-BLK	90° Interlock connector in black	£17.22
Interlock T Connector	KPT-KBTN-CT-WHT	3-way "T" Interlock connector in white	£21.89
Interlock T Connector	KPT-KBTN-CT-BLK	3-way "T" Interlock connector in black	£21.89
Interlock X Connector	KPT-KBTN-CX-WHT	4-way Interlock connector in white	£30.29
Interlock X Connector	KPT-KBTN-CX-BLK	4-way Interlock connector in black	£30.29
Interlock I Connector	KPT-KBTN-CI	Inline Interlock connector	£19.00
Wiring Connector	KPT-KBTN4F-W1	On/Off 1.2m	£25.78
Wiring Connector	KPT-KBTN5F-W1	On/Off 1.5m	£25.78
Wiring Connector	KPT-KBTN4F-W2	DALI 1.2m	£30.71
Wiring Connector	KPT-KBTN5F-W2	DALI 1.5m	£30.71

Interlock



Order Code

KBTN45LH-W140-WHT
KBTN45LH-W240-WHT
KBTN45LH-A40-WHT

KBTN45LH/D-W140-WHT
KBTN45LH/D-W240-WHT
KBTN45LH/D-A40-WHT

KBTN60LH-W140-WHT
KBTN60LH-W240-WHT
KBTN60LH-A40-WHT

KBTN60LH/D-W140-WHT
KBTN60LH/D-W240-WHT
KBTN60LH/D-A40-WHT

KBTN45LH-W140-BLK
KBTN45LH-W240-BLK
KBTN45LH-A40-BLK

KBTN45LH/D-W140-BLK
KBTN45LH/D-W240-BLK
KBTN45LH/D-A40-BLK

KBTN60LH-W140-BLK
KBTN60LH-W240-BLK
KBTN60LH-A40-BLK

KBTN60LH/D-W140-BLK
KBTN60LH/D-W240-BLK
KBTN60LH/D-A40-BLK

Exterior Batten Comparison



Trent

4ft				5ft				6ft			
4200lm 4550lm 4550lm (35W) (Default)	2400lm 2600lm 2600lm (20W)	3000lm 3250lm 3250lm (25W) (Alternative)	3600lm 3900lm 3900lm (30W)	5760lm 6240lm 6240lm (48W) (Default)	3240lm 3510lm 3510lm (27W)	4080lm 4420lm 4420lm (34W) (Alternative)	4920lm 5330lm 5330lm (41W)	7440lm 8060lm 8060lm (62W) (Default)	4200lm 4550lm 4550lm (35W) (Alternative)	5280lm 5720lm 5720lm (44W) (Alternative)	6360lm 6890lm 6890lm (53W)
Wattage Switching	CCT Switching 3000K 4000K 6000K			LED Integrated	IP65	IK10	Integrated Emergency		Integrated Motion Sensor		



Avon III

4ft Single				4ft Twin				5ft Single			
2340lm (18W) (Default)	1350lm (10W)	1700lm (13W) (Alternative)	2100lm (16W)	4800lm (36W) (Default)	2850lm (20W)	3500lm (26W) (Alternative)	4100lm (32W)	3500lm (26W) (Default)	2450lm (18W)	3000lm (23W) (Alternative)	4050lm (30W)
5ft Twin				6ft Single				6ft Twin			
6800lm (52W) (Default)	4700lm (34W)	5800lm (44W) (Alternative)	7750lm (60W)	5200lm (39W) (Default)	4200lm (32W)	6100lm (46W) (Alternative)	7000lm (53W)	7000lm (60W) (Default)	4200lm (34W)	5200lm (44W) (Alternative)	6100lm (52W)
Wattage Switching		4000K		Integrated Emergency							
LED Integrated		IP65 IK08		Integrated Motion Sensor							



Congo

4ft Single	4ft Twin	5ft Single	5ft Twin	CCT Switching 3000K 4000K 6000K	IP65	Plug & Play Emergency
2650lm 2900lm 2900lm (24W)	3950lm 4350lm 4350lm (36W)	3950lm 4350lm 4350lm (36W)	6850lm 7400lm 7400lm (62W)			



Indus

4ft Single	4ft Twin	5ft Single	5ft Twin	6ft Single	6ft Twin	LED T8 tube	IP65	IK08	Integrated Emergency
LED T8 (1x 4ft)	LED T8 (2x 4ft)	LED T8 (1x 5ft)	LED T8 (2x 5ft)	LED T8 (1x 6ft)	LED T8 (2x 6ft)				



Trent Onsite

2ft	4ft	5ft	5ft	4000K	IP65	Integrated Emergency
1800lm (20W)	1800lm (20W)	2250lm (25W)	4500lm (50W)	LED Integrated		



Volta III

4ft	5ft	CCT Switching 3000K 4000K 6000K	LED Integrated	
3940lm 4560lm 4260lm (36W)	5300lm 6130lm 5750lm (48W)			IP65
				IK08

Congo LED Non-corrosive batten

Multi-CCT Modular LED Non-corrosive Batten

with plug-in motion sensor and emergency module

Clip-in Dimmable Sensor

Built-in housing for the microwave sensor which dims the driver to achieve corridor function.

Push Wire Connector

Built-in dedicated holder for clipping in the microwave sensor.

Stainless Steel Clips

Uses 304 high grade stainless steel.

Gear Tray Prefixed to Cover

The gear tray and the cover are prefixed together, for easy installation and LED protection.

Push-up Indicator

Built-in emergency indicator

Plug-in Emergency Module (Self-test option)

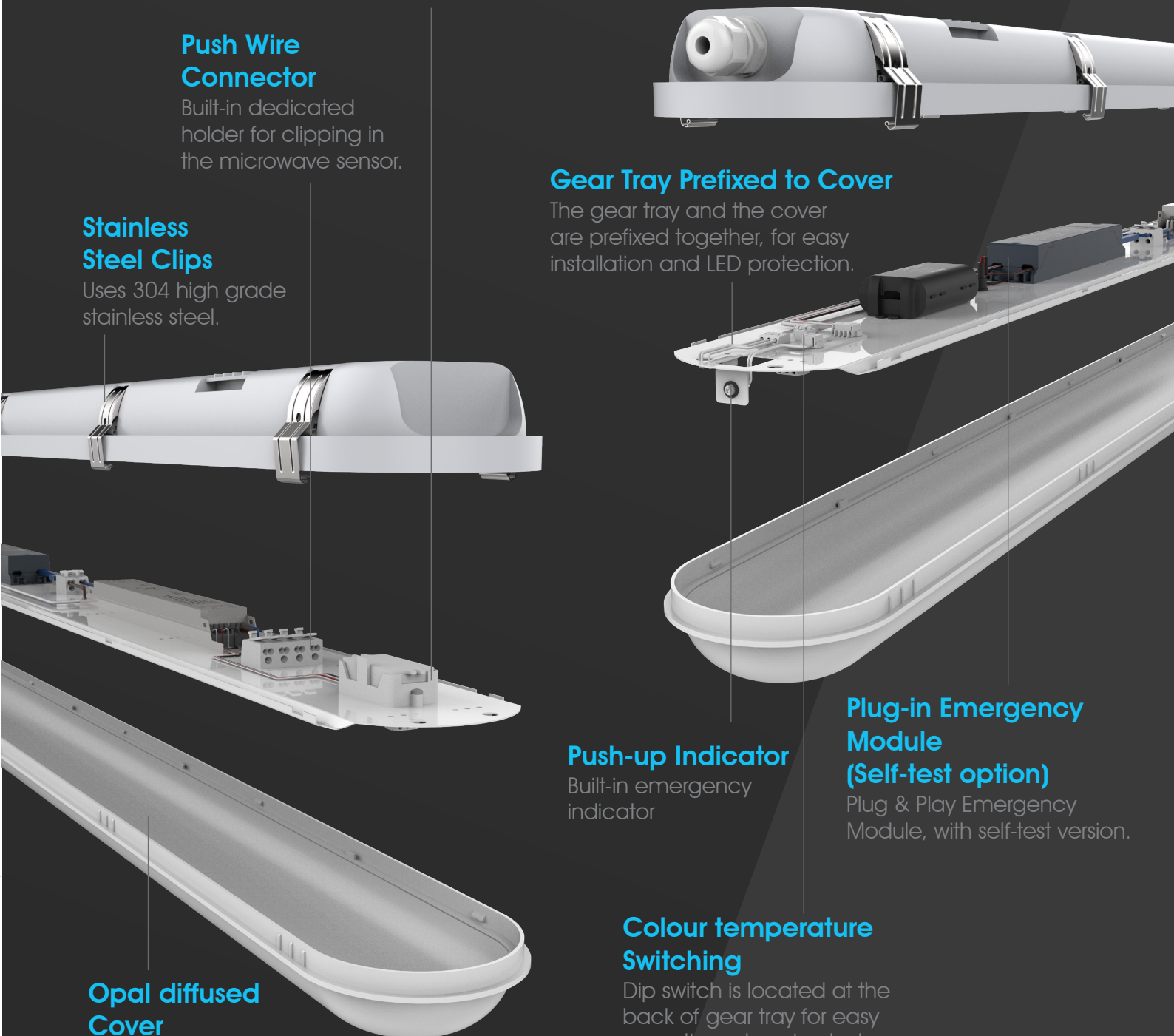
Plug & Play Emergency Module, with self-test version.

Colour temperature Switching

Dip switch is located at the back of gear tray for easy operation, choosing between 4000K/5000K/6000K

Opal diffused Cover

Gives even softer light output with lower glare



Upgrade
Jan. 2022

Congo

Non-Corrosive linear luminaire with integrated LED

Plug-in emergency 

Plug-in corridor sensor 

CCT switching 

Modular design 

Ultra high efficiency 

- T8 non-corrosive LED replacement
- Switchable CCT (3000/4000/6000K)
 - Optional emergency module
- Optional microwave motion and daylight sensor with corridor dimming
- Durable and rugged IK10 polycarbonate construction
 - IP65
- Suitable for through-wiring
 - Opal diffuser



Single, 4ft / 5ft



Twin, 4ft / 5ft



Push-in Batten EME
BEM03 BEM03/ST



Microwave Sensor
(Mounting height ≤6m)
MWS-DCA



Remote Control

General Specification

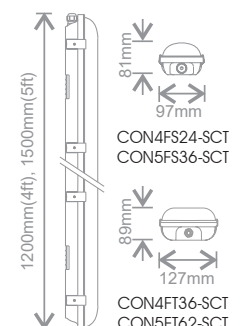
Voltage	220-240Vac 50-60Hz
CRI	>80
Life Time	40,000h
Power Factor	0.95
Ambient Temp	-20°C to 40°C
Housing	Polycarbonate



Order Code

CON4FS24-SCT
CON4FT36-SCT
CON5FS36-SCT
CON5FT62-SCT

Dimensions



Order Code	Power	Length	CCT	Lumen	Trade Price
CON4FS24-SCT	24W	4ft single	Switchable*	2650lm (3000K) 2900lm (4000K) 2900lm (6000K)	£125.89
CON4FT36-SCT	36W	4ft twin	Switchable*	3950lm (3000K) 4350lm (4000K) 4350lm (6000K)	£140.84
CON5FS36-SCT	36W	5ft single	Switchable*	3950lm (3000K) 4350lm (4000K) 4350lm (6000K)	£147.74
CON5FT62-SCT	62W	5ft twin	Switchable*	6850lm (3000K) 7400lm (4000K) 7400lm (6000K)	£170.20

* When CCT switchable, colour temperature switches 3000K, 4000K & 6000K

Optional Gears

Type	Order code	Description	Trade Price
Emergency module	BEM03	Emergency, with LiFePO4 battery	£69.17
Self-Test emergency module	BEM03/ST	Self-test emergency, with LiFePO4 battery	£80.66
Microwave Sensor	MWS-DCA	Microwave motion and daylight sensor	£42.74
Remote Control	KPT-MWS-CON	Remote Control for Microwave Sensor	£53.16

5 5 Years
Standard Warranty

7 7 Years
Extended Warranty

2000V
Surge Protection
(L to GND)

Trent

Watt and CCT switchable non-corrosive linear luminaire

- Switchable CCT (3000/4000/6000K)
- 4 Switchable wattages for each model
- High efficiency of 130lm/W
- Emergency and sensor models
- Durable and rugged IK10 polycarbonate construction
- IP65
- Suitable for through-wiring
- Opal diffuser

Wattage switching

CCT switching

Built-in motion sensor

Built-in emergency

Ultra high efficiency

General Specification

Voltage 220-240Vac
50-60Hz
CRI >80
Life Time 40,000h
Power Factor >0.90
Ambient Temp -20°C to 40°C
Housing Polycarbonate



Order Code

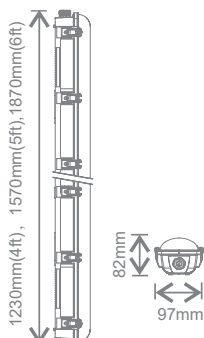
KBTN20-35LS1 4/SCT
KBTN27-48LS1 4/SCT
KBTN35-62LS1 4/SCT

KBTN20-35LS1 4/SCT/E
KBTN27-48LS1 4/SCT/E
KBTN35-62LS1 4/SCT/E

KBTN20-35LS1 4/SCT/S
KBTN27-48LS1 4/SCT/S
KBTN35-62LS1 4/SCT/S

KBTN20-35LS1 4/SCT/ES
KBTN27-48LS1 4/SCT/ES
KBTN35-62LS1 4/SCT/ES

Dimensions



Order Code	Default Power	Alternative Power	Length	CCT	Lumen	Trade Price
KBTN20-35LS14	-	20W	4ft	Switchable*	2400lm(3000K) 2600lm(4000K) 2600lm(6000K)	£116.91
	-	25W	4ft	Switchable*	3000lm(3000K) 3250lm(4000K) 3250lm(6000K)	
	-	30W	4ft	Switchable*	3600lm(3000K) 3900lm(4000K) 3900lm(6000K)	
	35W	-	4ft	Switchable*	4200lm(3000K) 4550lm(4000K) 4550lm(6000K)	
KBTN27-48LS14	-	27W	5ft	Switchable*	3240lm(3000K) 3510lm(4000K) 3510lm(6000K)	£142.71
	-	34W	5ft	Switchable*	4080lm(3000K) 4420lm(4000K) 4420lm(6000K)	
	-	41W	5ft	Switchable*	4920lm(3000K) 5330lm(4000K) 5330lm(6000K)	
	48W	-	5ft	Switchable*	5760lm(3000K) 6240lm(4000K) 6240lm(6000K)	

Order Code	Default Power	Alternative Power	Length	CCT	Lumen	Trade Price
KBTN35-62LS14	-	35W	6ft	Switchable*	4200lm(3000K) 4550lm(4000K) 4550lm(6000K)	£193.08
	-	44W	6ft	Switchable*	5280lm(3000K) 5720lm(4000K) 5720lm(6000K)	
	-	53W	6ft	Switchable*	6360lm(3000K) 6890lm(4000K) 6890lm(6000K)	
	62W	-	6ft	Switchable*	7440lm(3000K) 8060lm(4000K) 8060lm(6000K)	

* When CCT switchable, colour temperature switches 3000K, 4000K & 6000K

Options

Suffix	Description	Trade Price
/E	Emergency with LiFePO4 battery	+£46.66
/S	Microwave sensor	+£23.55
/ES	Emergency & Microwave sensor	+£70.64

Battery

Order Code	Type	Capacity	Voltage	Trade Price
BAT20LFP2	LiFePO4	2000mAh	6.4V	£44.49

- 3** 3 Years Standard Warranty
- 5** 5 Years Extended Warranty
- 2000V** Surge Protection (L to GND)
- 100-120V** Input voltage

Trent OnSite

110V non-corrosive linear luminaire for working site applications

- 100-120V input for work site application only
- Emergency models available in 4ft and 5ft
- IP65 and vandal resistant (IK08)



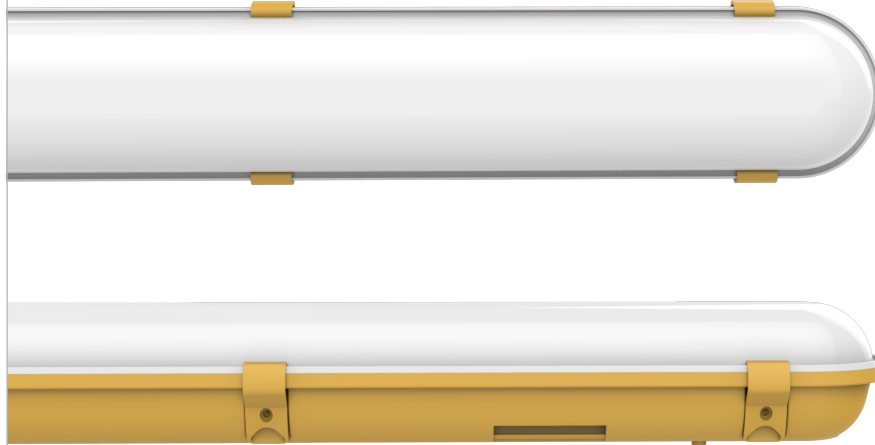
KBTN-WL-STAND1
Luminaire not included



KBTN-WL-STAND2
Luminaire not included



KBTN-WL-CON



General Specification

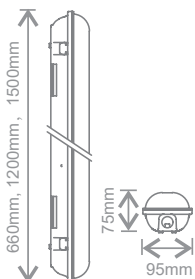
Voltage	100-120Vac 50-60Hz
CRI	80
Life Time	30,000h
Power Factor	>0.90
Ambient Temp	-10°C to 40°C
Housing	ABS
Diffuser	PC



Order Code

- KBTN20WL2F-W40
- KBTN20WL4F-W40
- KBTN20WL4F/E-W40
- KBTN25WL5F-W40
- KBTN25WL5F/E-W40
- KBTN50WL5F-W40
- KBTN50WL5F/E-W40

Dimensions



Order Code	Power	Length	Beam Angle	CCT	Lumen	Trade Price
KBTN20WL2F	20W	2ft	120°	4000K	1800lm	£50.48
KBTN20WL4F	20W	4ft	120°	4000K	1800lm	£88.34
KBTN25WL5F	25W	5ft	120°	4000K	2250lm	£99.57
KBTN50WL5F	50W	5ft	120°	4000K	4500lm	£114.22

Emergency Option

Suffix	Description	Trade Price
/E	Emergency with LiFePO4 battery	+£49.47

Battery

Order Code	Type	Capacity	Voltage	Trade Price
BAT20LFP2	LiFePO4	2000mAh	6.4V	£44.49

Accessories

Type	Order Code	Description	Trade Price
Metal Stand	KBTN-WL-STAND1	Stand with 5m cable and yellow CEE 3-pin plug	£238.86
Metal Stand	KBTN-WL-STAND2	Stand with 5m cable and yellow CEE 3-pin plug for KBTN20WL2F-W40	£229.20
Junction box	KBTN-WL-CON	Waterproof junction box	£12.86

Avon III

Non-corrosive integrated linear LED luminaire

- T8 non-corrosive LED replacement
 - IP65 and vandal resistant (IK08)
- Optional built-in emergency module
 - Optional built-in microwave sensor
 - Opal diffuser
- 20mm Conduit entry

5 5 Years Standard Warranty

7 7 Years Extended Warranty

2000V Surge Protection

Wattage switching 

Built-in emergency 

Built-in motion sensor 

Modular design 

Ultra high efficiency 



Single, 4ft / 5ft



Twin, 4ft / 5ft

General Specification

Voltage 220-240Vac
50-60Hz
CRI >80
Life Time 40,000h
Power Factor >0.90
Ambient Temp -20°C to 40°C
Housing Polycarbonate



Order Code

AVO4FS18-W40
AVO4FS18-W40/E
AVO4FS18-W40/S
AVO4FS18-W40/ES

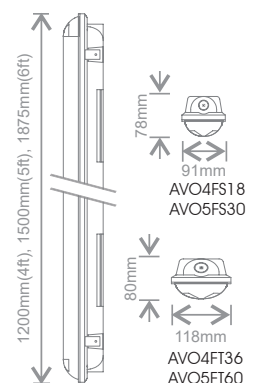
AVO4FT36-W40
AVO4FT36-W40/E
AVO4FT36-W40/S
AVO4FT36-W40/ES

AVO5FS30-W40
AVO5FS30-W40/E
AVO5FS30-W40/S
AVO5FS30-W40/ES

AVO5FT60-W40
AVO5FT60-W40/E
AVO5FT60-W40/S
AVO5FT60-W40/ES

Order Code	Default Power	Alternative Power	Length	CCT	Lumen	Trade Price
AVO4FS18	-	10W	4ft single	4000K	1350lm	£83.72
	-	13W	4ft single	4000K	1700lm	
	-	16W	4ft single	4000K	2100lm	
	18W	-	4ft single	4000K	2340lm	
AVO4FT36	-	20W	4ft twin	4000K	2850lm	£99.40
	-	26W	4ft twin	4000K	3500lm	
	-	32W	4ft twin	4000K	4100lm	
	36W	-	4ft twin	4000K	4800lm	
AVO5FS30	-	18W	5ft single	4000K	2450lm	£102.00
	-	23W	5ft single	4000K	3000lm	
	26W	-	5ft single	4000K	3500lm	
	-	30W	5ft single	4000K	4050lm	
AVO5FT60	-	34W	5ft twin	4000K	4700lm	£132.56
	-	44W	5ft twin	4000K	5800lm	
	52W	-	5ft twin	4000K	6800lm	
	-	60W	5ft twin	4000K	7750lm	

Dimensions





Order Code	Default Power	Alternative Power	Length	CCT	Lumen	Trade Price
AVO6FS53	-	32W	6ft single	4000K	4200lm	£157.72
	39W	-	6ft single	4000K	5200lm	
	-	46W	6ft single	4000K	6100lm	
	-	53W	6ft single	4000K	7000lm	
AVO6FT60	-	34W	6ft twin	4000K	4200lm	£222.48
	-	44W	6ft twin	4000K	5200lm	
	-	52W	6ft twin	4000K	6100lm	
	60W	-	6ft twin	4000K	7000lm	

Options

Suffix	Description	Trade Price
/E	With integrated emergency module	+£45.00
/S	Microwave sensor	+£22.00
/ES	Emergency & Microwave sensor	+£67.00

Battery

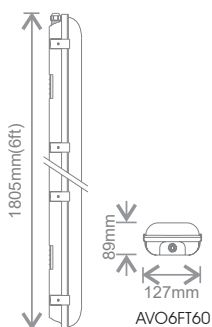
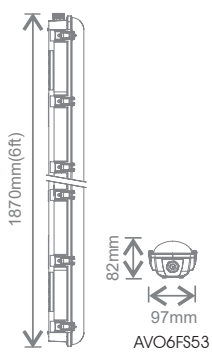
Order Code	Type	Capacity	Voltage	Trade Price
BAT20LFP2	LiFePO4	2000mAh	6.4V	£44.49

Order Code

AVO6FS53-W40
 AVO6FS53-W40/E
 AVO6FS53-W40/S
 AVO6FS53-W40/ES

AVO6FT60-W40
 AVO6FT60-W40/E
 AVO6FT60-W40/S
 AVO6FT60-W40/ES

Dimensions



Indus

Non-corrosive linear luminaire for Kosnic LED T8 lamps

Built-in emergency 

- IP65 and vandal resistant (IK08)
- Use with LED T8 only
- Emergency option
- 20mm Conduit entry

5 5 Years
Standard Warranty

Recommended lamp



LED T8 Pro  P238



Lamp not included



Single, 4ft / 5ft / 6ft



Twin, 4ft / 5ft / 6ft

General Specification

Voltage 220-240Vac
50-60Hz
Housing Polycarbonate



Order Code

KBTNT8LS654F1
KBTNT8LS654F1/E

KBTNT8LS654F2
KBTNT8LS654F2/E

KBTNT8LS655F1
KBTNT8LS655F1/E

KBTNT8LS655F2
KBTNT8LS655F2/E

KBTNT8LS656F1
KBTNT8LS656F1/E

KBTNT8LS656F2
KBTNT8LS656F2/E

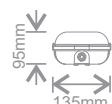
Dimensions



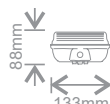
KBTNT8LS654F1
KBTNT8LS655F1



KBTNT8LS656F1



KBTNT8LS654F2
KBTNT8LS655F2



KBTNT8LS656F2

Order Code	Length	Lamp	LOR	Trade Price
KBTNT8LS654F1	4ft single	1 x 4ft LED T8	92%	£53.66
KBTNT8LS654F2	4ft twin	2 x 4ft LED T8	92%	£70.27
KBTNT8LS655F1	5ft single	1 x 5ft LED T8	92%	£67.01
KBTNT8LS655F2	5ft twin	2 x 5ft LED T8	92%	£88.25
KBTNT8LS656F1	6ft single	1 x 6ft LED T8	90%	£96.13
KBTNT8LS656F2	6ft twin	2 x 6ft LED T8	90%	£133.60

Emergency Option

Suffix	Description	Trade Price
/E	Emergency with Li-ion battery	+£78.00

Battery

Order Code	Type	Capacity	Voltage	Trade Price
KBAT2600	Li-ion	2600mAh	7.4V	£47.50

- 5** 5 Years Standard Warranty
- 7** 7 Years Extended Warranty
- 1000V** Surge Protection



Volta III NEW

Non-corrosive batten with integrated LED

- IP65 compliant, suitable for indoor or outdoor use
- Durable and rugged IK08 polycarbonate construction
- High efficiency output
- Class I
- Designed for interlink with pass-through wiring
- Switchable CCT (3000/4000/6000K)
- Instant start
- Flicker free

-  CCT switching
-  Flicker free
-  Ultra high efficiency

General Specification

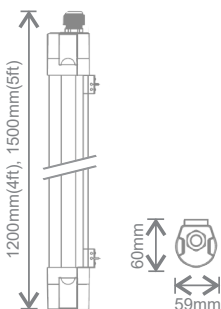
Voltage 220-240Vac
50-60Hz
CRI >80
Life Time 40,000h
Power Factor 0.96
Ambient Temp -20°C to 40°C
Housing Polycarbonate



Order Code

KINC36B4F/SCT
KINC48B5F/SCT

Dimensions



Energy Class: 

Order Code	Power	Length	CCT	Lumen	Trade Price
KINC36B4F	36W	4ft	Switchable*	3940lm(3000K) 4560lm(4000K) 4260lm(6000K)	£118.84
KINC48B5F	48W	5ft	Switchable*	5300lm(3000K) 6130lm(4000K) 6020lm(6000K)	£143.86

* When CCT switchable, colour temperature switches 3000K, 4000K & 6000K

Accessories

Type	Order Code	Description	Trade Price
Suspension kit	KPTBTN/SUS5	Maximum 2.0m drop	£7.12
Interlock Connector	KPT-KBTN-CI1	Inline Interlock connector	£4.06

Volga

Agriculture ammonia-resistant Inter-linkable cylinder non-corrosive batten

Agriculture Light 

Flicker free 

Ultra high efficiency 

- Ammonia-resistant PMMA body for livestock lighting
- Cable gland with wiring terminals on either end of luminaire
 - Stainless end cap
- Popular cylinder body
 - Flicker free



5 5 Years Standard Warranty

7 7 Years Extended Warranty

2000V Surge Protection (L to GND)



General Specification

Voltage	220-240Vac 50-60Hz
CRI	>80
Life Time	40,000h
Power Factor	>0.90
Ambient Temp	-20°C to 40°C
Housing	Aluminum
Diffuser	PMMA



Order Code

KBTN20LS13-W40
KBTN33LS13-W40
KBTN45LS13-W40

Dimensions



Order Code	Power	Length	CCT	Lumen	Trade Price
KBTN20LS13	20W	2ft	4000K	2350lm	£175.42
KBTN33LS13	33W	4ft	4000K	4150lm	£252.29
KBTN45LS13	45W	5ft	4000K	6000lm	£289.99

Accessory

Type	Order Code	Description	Trade Price
Suspension kit	KPTBTN/SUS4	Maximum 2.0m drop	£6.82



“We are very happy with the new lighting and professional service.”

– Joe Summers,
Commercial Director & Managing Director of Airborne

The Airborne case study

Location: Berkshire

Solution: 150W Echo High Bay, 5ft Mira standard & emergency interior battens, 5ft Milo interior batten with edge-lit LED panel with UEM.





Firerated & Commercial Downlight



Mauna 135



Mauna Plus 136



Mauna Plus
Anti-glare 138



Mauna Pro 139



Telica 141



Aliso 144



Katla-Pro 146



Katla-Eco 147



Toba 149



Nyos 151



Faceta 152



Napa 155

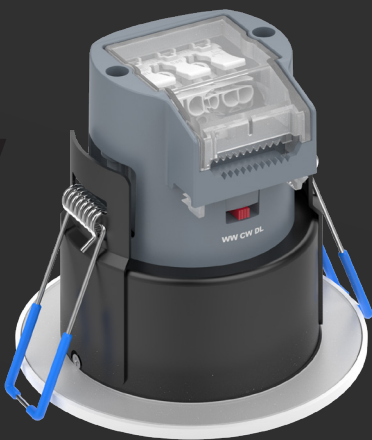
Mauna LED Fire-rated Downlight

Mauna Pro 7W, 720lm

Front CCT Switch
3000K / 4000K / 6000K

Suitable for Low Void Ceiling
Detachable driver

Push-wire Terminal
Loop-in and loop-out



IP65

Mauna Plus 6W, 690lm

CCT Switch
3000K / 4000K / 6000K

Integrated Dimmable Driver
Highly efficient and compact

Push-wire Terminal
Loop-in and loop-out

Fixed & Tilt Models
Options of black or white tilting unit



Fixed

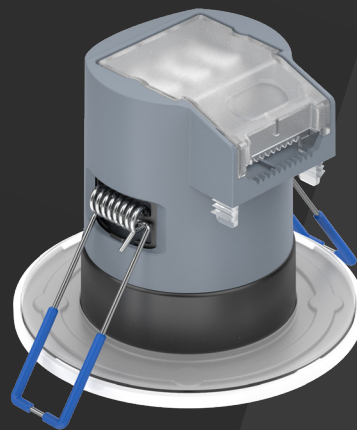
Tilt

Anti-glare

Fixed CCT
3000K, 4000K or 6500K

Integrated Dimmable Driver
With 3pin plug-in junction box

Push-wire Terminal
Loop-in and loop-out



Mauna 5W, 560lm

IP65

Patent

Magnetic

One set of bezels
for three models



Brass

Matt Black

Matt White

Chrome

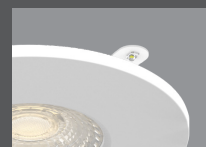
Satin Chrome

Antique brass

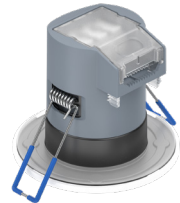
Except for Mauna Plus Tilt that uses larger bezels

Neka

Universal Non-maintained
emergency kit for downlight



- 5** 5 Years Standard Warranty
- 7** 7 Years Extended Warranty
- 1000V** Surge Protection (L to GND)
- Mains Dimmable** Dimmable



Recommended



Mains emergency P38 module



Neka P48

General Specification

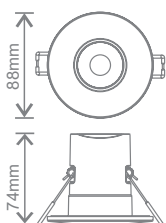
Voltage	220-240Vac
	50-60Hz
CRI	>80
Life Time	50,000h
Power Factor	0.9
Ambient Temp	-30°C to 40°C
Housing	Zinc coated sheet steel



Order Code

- MAU05-S30
- MAU05-S40
- MAU05-S65
- KPT-06DFBZ-BAS
- KPT-06DFBZ-BLK
- KPT-06DFBZ-WHT
- KPT-06DFBZ-CHM
- KPT-06DFBZ-SCH
- KPT-06DFBZ-ABR
- KPT-06DFBZ-SBAS
- KPT-06DFBZ-SBLK
- KPT-06DFBZ-SWHT
- KPT-06DFBZ-SCHM
- KPT-06DFBZ-SSCH
- KPT-06DFBZ-SABR

Dimensions



Mauna Upgrade Feb. 2022

5W LED fire rated downlight with interchangeable magnetic bezel

- Integrated dimmable driver
- Interchangeable magnetic bezels with different finishes
- Can be installed under Insulation layer
- Compact size
- IP65

- E+** Add-on emergency
- M** Magnetic bezel
- ECO** Modular design

64mm Cut-out



- 30** Minutes I Joist
- 60** Minutes I Joist
- 90** Minutes Solid Joist

Interchangeable bezels



Order Code	Power	Beam Angle	Cut-out	CCT	Lumen*	Trade Price	Energy Class
MAU05	5W	45°	64mm	3000K	520lm(460lm)	£22.30	
				4000K	560lm(490lm)		
				6500K	560lm(490lm)		

* Total lumen (lumen measured in 90°/120° Cone)

Interchangeable bezels

Order Code	KPT-06DFBZ-BAS	KPT-06DFBZ-BLK	KPT-06DFBZ-WHT	KPT-06DFBZ-CHM	KPT-06DFBZ-SCH	KPT-06DFBZ-ABR
Trade Price	£3.68	£3.68	£3.48	£3.68	£3.68	£3.40
Order Code	KPT-06DFBZ-SBAS	KPT-06DFBZ-SBLK	KPT-06DFBZ-SWHT	KPT-06DFBZ-SCHM	KPT-06DFBZ-SSCH	KPT-06DFBZ-SABR
Trade Price	£5.11	£5.11	£5.11	£5.11	£5.11	£4.74

Optional Gears

Type	Order Code	Description	Trade Price
Emergency module	CEL03LIC/N	Three hour rated Li-ion emergency module	£89.47
Emergency kit	EMPAD01	Universal Non-maintained emergency kit	£39.49

RF wireless triac dimmer

Order Code	Max Power	Output Current	Trade Price
CYDIMRFT1	2 x 120W (100 Vac) 2 x 288W (240 Vac)	2 x 1.2 A	£107.91

* See datasheet for recommended number of lamps per dimmer



Mauna Plus Fixed

Add-on emergency 

CCT switching 

Magnetic bezel 

Modular design 

6W Dimmable LED fire rated downlight with interchangeable magnetic bezel

- Integrated dimmable driver
- Interchangeable magnetic bezels with different finishes
 - Can be installed under Insulation layer
 - Compact size
- Fixed white bezel as standard with add on satin chrome bezel included
 - IP65



 **64mm**
Cut-out



Interchangeable bezels



Energy Class:  **F** A G

Order Code	Power	Beam Angle	Cut-out	CCT	Lumen*	Trade Price
MAU06PL	6W	65°	64mm	Switchable**	640lm(490lm) (3000K) 690lm(530lm) (4000K) 610lm(470lm) (6000K)	£30.94

* Total lumen (lumen measured in 90°/120° Cone)

** When CCT switchable, colour temperature switches between 3000K, 4000K & 6000K

Interchangeable bezels

Order Code	KPT-06DFBZ-BAS	KPT-06DFBZ-BLK	KPT-06DFBZ-WHT	KPT-06DFBZ-CHM	KPT-06DFBZ-SCH	KPT-06DFBZ-ABR
Trade Price	£3.68	£3.68	£3.48	£3.68	£3.68	£3.40
Order Code	KPT-06DFBZ-SBAS	KPT-06DFBZ-SBLK	KPT-06DFBZ-SWHT	KPT-06DFBZ-SCHM	KPT-06DFBZ-SSCH	KPT-06DFBZ-SABR
Trade Price	£5.11	£5.11	£5.11	£5.11	£5.11	£4.74

Optional Gears

Type	Order Code	Description	Trade Price
Emergency module	CEL03LIC/N	Three hour rated Li-ion emergency module	£89.47
Emergency kit	EMPAD01	Universal Non-maintained emergency kit	£39.49

RF wireless triac dimmer

Order Code	Max Power	Output Current	Trade Price
CYDIMRFT1	2 x 120W (100 Vac) 2 x 288W (240 Vac)	2 x 1.2 A	£107.91

* See datasheet for recommended number of lamps per dimmer

Patent

5 **5 Years**
Standard Warranty

7 **7 Years**
Extended Warranty

1000V
Surge Protection
(L to GND)

Mains Dimmable
Dimmable

Recommended



Mains emergency module  P38



Neka  P48

Push-in wire clip



CCT switch located at the side of the downlight

General Specification

Voltage	220-240Vac 50-60Hz
CRI	>80
Life Time	50,000h
Power Factor	0.88
Ambient Temp	-30°C to 40°C
Housing	Zinc coated sheet steel

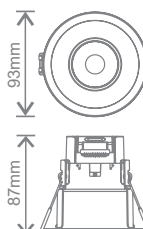


Order Code

MAU06PL

KPT-06DFBZ-BAS
KPT-06DFBZ-BLK
KPT-06DFBZ-WHT
KPT-06DFBZ-CHM
KPT-06DFBZ-SCH
KPT-06DFBZ-ABR
KPT-06DFBZ-SBAS
KPT-06DFBZ-SBLK
KPT-06DFBZ-SWHT
KPT-06DFBZ-SCHM
KPT-06DFBZ-SSCH
KPT-06DFBZ-SABR

Dimensions



5 5 Years
Standard Warranty

7 7 Years
Extended Warranty

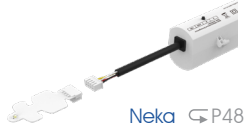
1000V
Surge Protection
(L to GND)

Mains Dimmable
Dimmable

Recommended



Mains emergency module ↪ P38



Neka ↪ P48

Push-in wire clip



CCT switch located at the side of the downlight

General Specification

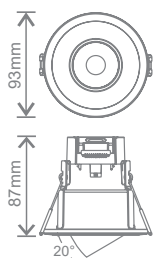
Voltage 220-240Vac
50-60Hz
CRI >80
Life Time 50,000h
Power Factor 0.88
Ambient Temp -30°C to 40°C
Housing Zinc coated sheet steel



Order Code

MAU06TW
MAU06TB
KPT-06DTBZ-BAS
KPT-06DTBZ-BLK
KPT-06DTBZ-WHT
KPT-06DTBZ-CHM
KPT-06DTBZ-SCH
KPT-06DTBZ-ABR

Dimensions



Mauna Plus Tilt

6W Dimmable LED fire rated downlight with interchangeable magnetic bezel

- Integrated dimmable driver
- Interchangeable magnetic bezels with different finishes
- Can be installed under Insulation layer
- Compact size
- IP65

E+ Add-on emergency

CCT CCT switching

Magnetic bezel

ECO Modular design

74mm
Cut-out



▲ MAU06TW



▲ MAU06TB

Black anti-glare rim with satin chrome bezel included



Interchangeable bezels



Brass
KPT-06DTBZ-BAS



Matt black
KPT-06DTBZ-BLK



Matt white
KPT-06DTBZ-WHT



Polished chrome
KPT-06DTBZ-CHM



Satin chrome
KPT-06DTBZ-SCH



Antique brass
KPT-06DTBZ-ABR

Energy Class: **F** A B G

Order Code	Power	Beam Angle	Cut-out	CCT	Lumen*	Trade Price
MAU06TW	6W	60°	74mm	Switchable**	640lm(490lm) (3000K) 690lm(530lm) (4000K) 610lm(470lm) (6000K)	£58.79
MAU06TB	6W	60°	74mm	Switchable**	640lm(490lm) (3000K) 690lm(530lm) (4000K) 610lm(470lm) (6000K)	£61.45

* Total lumen (lumen measured in 90°/120° Cone)

** When CCT switchable, colour temperature switches between 3000K, 4000K & 6000K

Interchangeable bezels

Order Code	KPT-06DTBZ-BAS	KPT-06DTBZ-BLK	KPT-06DTBZ-WHT	KPT-06DTBZ-CHM	KPT-06DTBZ-SCH	KPT-06DTBZ-ABR
Trade Price	£3.68	£3.68	£3.68	£3.68	£3.68	£3.40

Optional Gears

Type	Order Code	Description	Trade Price
Emergency module	CEL03LIC/N	Three hour rated Li-ion emergency module	£89.47
Emergency kit	EMPAD01	Universal Non-maintained emergency kit	£39.49

RF wireless triac dimmer

Order Code	Max Power	Output Current	Trade Price
CYDIMRFT1	2 x 120W (100 Vac) 2 x 288W (240 Vac)	2 x 1.2 A	£107.91

* See datasheet for recommended number of lamps per dimmer

Patent

NEW Available Feb.2022

Mauna Plus Anti-glare

Add-on emergency 

CCT switching 

Magnetic bezel 

Modular design 

6W Dimmable LED fire rated downlight with interchangeable magnetic bezel

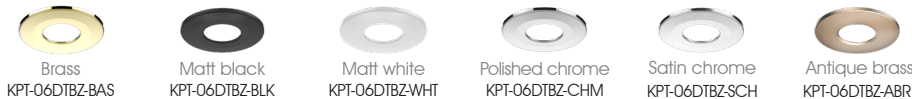
- Integrated dimmable driver
- Interchangeable magnetic bezels with different finishes
 - Can be installed under Insulation layer
 - Compact size
- White and satin chrome bezel included
 - IP65



 **74mm**
Cut-out



Interchangeable bezels



Energy Class: 

Order Code	Power	Beam Angle	Cut-out	CCT	Lumen*	Trade Price
MAU06AG	6W	65°	74mm	Switchable**	420lm(380lm) (3000K) 550lm(440lm) (4000K) 420lm(380lm) (6000K)	£53.75

* Total lumen (lumen measured in 90°/120° Cone)
** When CCT switchable, colour temperature switches between 3000K, 4000K & 6000K

Interchangeable bezels

Order Code	KPT-06DTBZ-BAS	KPT-06DTBZ-BLK	KPT-06DTBZ-WHT	KPT-06DTBZ-CHM	KPT-06DTBZ-SCH	KPT-06DTBZ-ABR
Trade Price	£3.68	£3.68	£3.68	£3.68	£3.68	£3.40

Optional Gears

Type	Order Code	Description	Trade Price
Emergency module	CEL03LIC/N	Three hour rated Li-ion emergency module	£89.47
Emergency kit	EMPAD01	Universal Non-maintained emergency kit	£39.49

RF wireless triac dimmer

Order Code	Max Power	Output Current	Trade Price
CYDIMRFT1	2 x 120W (100 Vac) 2 x 288W (240 Vac)	2 x 1.2 A	£107.91

* See datasheet for recommended number of lamps per dimmer

- 5** 5 Years Standard Warranty
- 7** 7 Years Extended Warranty
- 1000V** Surge Protection (L to GND)
- Mains Dimmable** Dimmable

Recommended



Mains emergency module P38



Neka P48

Push-in wire clip



CCT switch located at the side of the downlight

General Specification

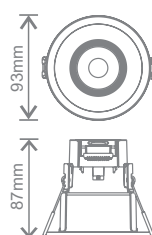
Voltage	220-240Vac
	50-60Hz
CRI	>80
Life Time	50,000h
Power Factor	0.88
Ambient Temp	-30°C to 40°C
Housing	Zinc coated sheet steel



Order Code

MAU06AG
KPT-06DTBZ-BAS
KPT-06DTBZ-BLK
KPT-06DTBZ-WHT
KPT-06DTBZ-CHM
KPT-06DTBZ-SCH
KPT-06DTBZ-ABR

Dimensions

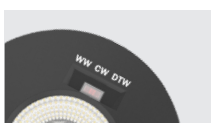


5 5 Years
Standard Warranty

7 7 Years
Extended Warranty

500V
Surge Protection

Mains Dimmable
Dimmable



CCT switch accessible at the front of the fitting, under the magnetic bezel.

Recommended



UEM ↪ P30



Neka ↪ P48

General Specification

Voltage 220-240Vac
50-60Hz
CRI >80
Life Time 50,000h
Power Factor 0.95
Ambient Temp -30°C to 40°C
Housing Zinc coated sheet steel

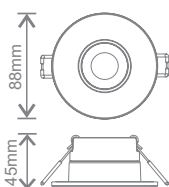


Order Code

MAU07PR

KPT-06DFBZ-BAS
KPT-06DFBZ-BLK
KPT-06DFBZ-WHT
KPT-06DFBZ-CHM
KPT-06DFBZ-SCH
KPT-06DFBZ-ABR
KPT-06DFBZ-SBAS
KPT-06DFBZ-SBLK
KPT-06DFBZ-SWHT
KPT-06DFBZ-SCHM
KPT-06DFBZ-SSCH
KPT-06DFBZ-SABR

Dimensions



Mauna Pro

7W Dimmable fire rated downlight with interchangeable bezel

- Independent driver and a junction box for fast connection
- CCT Switchable (3000K/4000K/Dim To Warm 3000K-2000K)
- IP65, Class II
- Dimmable
- Can be installed under insulation

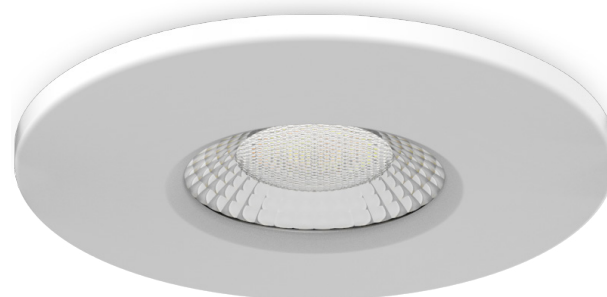
E+ Add-on emergency

CCT CCT switching

M Magnetic bezel

ECO Modular design

▼ White bezel included



70mm
Cut-out



I Joist



I Joist



Solid Joist

Interchangeable bezels



Energy Class: **F**

Order Code	Power	Beam Angle	Cut-out	CCT	Lumen*	Trade Price
MAU07PR	7W	55°	70mm	Switchable**	680lm(540lm) (3000K) 720lm(570lm) (4000K) 660lm(520lm) (6000K)	£47.47

* Total lumen (lumen measured in 90°/120° Cone)

** When CCT switchable, colour temperature switches between 3000K, 4000K & 6000K

Interchangeable bezels

Order Code	KPT-06DFBZ-BAS	KPT-06DFBZ-BLK	KPT-06DFBZ-WHT	KPT-06DFBZ-CHM	KPT-06DFBZ-SCH	KPT-06DFBZ-ABR
Trade Price	£3.68	£3.68	£3.48	£3.68	£3.68	£3.40
Order Code	KPT-06DFBZ-SBAS	KPT-06DFBZ-SBLK	KPT-06DFBZ-SWHT	KPT-06DFBZ-SCHM	KPT-06DFBZ-SSCH	KPT-06DFBZ-SABR
Trade Price	£5.11	£5.11	£5.11	£5.11	£5.11	£4.74

Optional Gears

Type	Order Code	Description	Trade Price
Dimmable driver	CYC030TDC30-90	Configurable DALI & 1-10V (0-10V) Dimmable Driver	£70.55
Emergency module	UEM02	UEM, 2.3W, Li-ion battery	£73.09
Emergency module	UEM02/ST	Self-test UEM, 2.3W, Li-ion battery	£86.72
Emergency kit	EMPAD01	Universal Non-maintained emergency kit	£39.49

RF wireless triac dimmer

Order Code	Max Power	Output Current	Trade Price
CYDIMRFT1	2 x 120W (100 Vac) 2 x 288W (240 Vac)	2 x 1.2 A	£107.91

* See datasheet for recommended number of lamps per dimmer

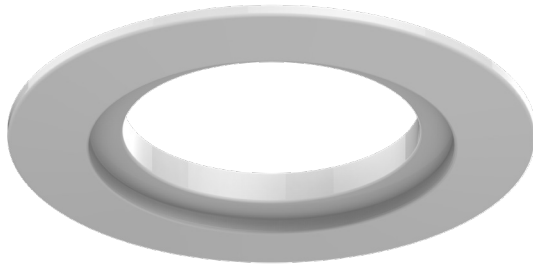
Patent

+44 (0)1635 523 713

Mauna Conceal Bezel

For Mauna, Mauna Plus Fixed & Mauna Pro Only

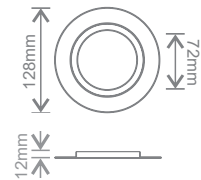
- Fire rated in accordance with Part B
- For cut outs 80-110 mm in diameter
- Option of white and satin chrome
- IP65



Order Code

KPT-MACBZ-WHT
KPT-MACBZ-SCH

Dimensions

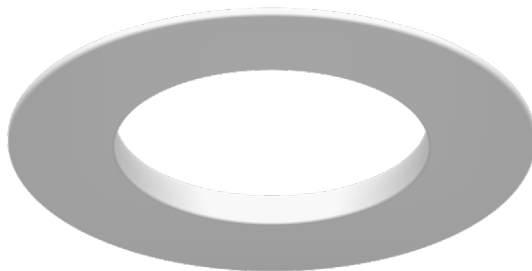


Order Code	Description	Trade Price
KPT-MACBZ-WHT	Conceal bezel for Mauna range fire rated down light, white finishing	£9.37
KPT-MACBZ-SCH	Conceal bezel for Mauna range fire rated down light, satin chrome finishing	£9.57

General Conceal Plate

For down light with cut out of 76mm or less

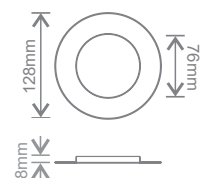
- Fire rated in accordance with Part B
- For cut outs 80-110 mm in diameter
- White finishing
- IP20



Order Code

KPT-GECPL-WHT

Dimensions



Order Code	Description	Trade Price
KPT-GECPL-WHT	General conceal bezel for down light with cut out of 76mm or less, white finishing	£9.37

- 5** **5 Years**
Standard Warranty
- 7** **7 Years**
Extended Warranty
- 500V**
Surge Protection
- Mains Dimmable**
Dimmable

Telica Fixed

10W LED fire rated downlight with interchangeable magnetic bezel

- Dimmable driver included
- Interchangeable magnetic bezels with different finishes
- Switchable colour temperature 2700K/4000K/6000K
- Versions of black and white anti-glare reflectors
- IP65, Class II

 CCT switching

 Magnetic bezel

Interchangeable bezels

-  Brass
KPT-10DFBZ-BAS
-  Matt black
KPT-10DFBZ-BLK
-  Polished chrome
KPT-10DFBZ-CHM
-  Satin chrome
KPT-10DFBZ-SCH
-  White
KPT-10DFBZ-WHT

 **73mm**
Cut-out



-  **30**
Minutes
Solid Joist
-  **60**
Minutes
Solid Joist
-  **90**
Minutes
Solid Joist

General Specification

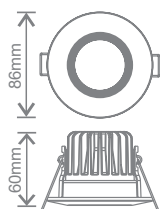
Voltage	220-240Vac 50-60Hz
CRI	>80
Life Time	50,000h
Power Factor	0.95
Ambient Temp	-30°C to 40°C
Housing	Zinc coated sheet steel



Order Code

- TEL10W-WHT
- TEL10B-SCH
- KPT-10DFBZ-BAS
- KPT-10DFBZ-BLK
- KPT-10DFBZ-CHM
- KPT-10DFBZ-SCH
- KPT-10DFBZ-WHT

Dimensions



▲ TEL10W-WHT
Anti-glare rim with white bezel included



▲ TEL10B-SCH
Anti-glare rim with satin chrome bezel included

Energy Class: 

Order Code	Power	Beam Angle	Cut-out	CCT	Lumen*	Trade Price
TEL10W-WHT	10W	36°	73mm	Switchable**	730lm(680lm) (2700K) 830lm(770lm) (4000K) 810lm(750lm) (6000K)	£53.16
TEL10B-SCH	10W	36°	73mm	Switchable**	600lm(560lm) (2700K) 720lm(680lm) (4000K) 700lm(660lm) (6000K)	£52.27

* Total lumen (lumen measured in 90°/120° Cone)

** When CCT switchable, colour temperature switches between 2700K, 4000K & 6000K

Interchangeable bezels

Order Code	KPT-10DFBZ-BAS	KPT-10DFBZ-BLK	KPT-10DFBZ-CHM	KPT-10DFBZ-SCH	KPT-10DFBZ-WHT
Trade Price	£3.58	£3.58	£3.58	£3.58	£3.58

RF wireless triac dimmer

Order Code	Max Power	Output Current	Trade Price
CYDIMRFT1	2 x 120W (100 Vac) 2 x 288W (240 Vac)	2 x 1.2 A	£107.91

* See datasheet for recommended number of lamps per dimmer

Patent

Telica Tilt

10W LED fire rated downlight with interchangeable magnetic bezel

CCT switching 

Magnetic bezel 

• Dimmable driver included

- Interchangeable magnetic bezels with different finishes
- Switchable colour temperature 2700K/4000K/6000K
- Versions of black and white anti-glare reflectors



 **81mm**
Cut-out



▲ TEL10TW-WHT
White anti-glare rim with white bezel included



▲ TEL10TB-SCH
Black anti-glare rim with satin chrome bezel included

5 5 Years Standard Warranty

7 7 Years Extended Warranty

500V Surge Protection

Mains Dimmable Dimmable



Interchangeable bezels

-  Brass
KPT-10DTBZ-BAS
-  Matt black
KPT-10DTBZ-BLK
-  Polished chrome
KPT-10DTBZ-CHM
-  Satin chrome
KPT-10DTBZ-SCH
-  White
KPT-10DTBZ-WHT

General Specification

Voltage	220-240Vac 50-60Hz
CRI	>80
Life Time	50,000h
Power Factor	≥ 0.90
Ambient Temp	-30°C to 40°C
Housing	Zinc coated sheet steel



Order Code	Power	Beam Angle	Cut-out	CCT	Lumen*	Trade Price	Energy Class
TEL10TW-WHT	10W	36°	81mm	Switchable**	710lm(660lm) (2700K) 790lm(740lm) (4000K) 770lm(720lm) (6000K)	£55.08	
TEL10TB-SCH	10W	36°	81mm	Switchable**	540lm(500lm) (2700K) 670lm(620lm) (4000K) 650lm(600lm) (6000K)	£55.08	

* Total lumen (lumen measured in 90°/120° Cone)

** When CCT switchable, colour temperature switches between 2700K, 4000K & 6000K

Interchangeable bezels

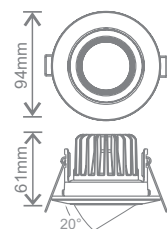
Order Code	KPT-10DTBZ-BAS	KPT-10DTBZ-BLK	KPT-10DTBZ-CHM	KPT-10DTBZ-SCH	KPT-10DTBZ-WHT
Trade Price	£3.58	£3.58	£3.58	£3.58	£3.58

RF wireless triac dimmer

Order Code	Max Power	Output Current	Trade Price
CYDIMRFT1	2 x 120W (100 Vac) 2 x 288W (240 Vac)	2 x 1.2 A	£107.91

* See datasheet for recommended number of lamps per dimmer

Dimensions



Patent



“Kosnic LED luminaires provide a very comfortable light for our residents as well as for the office staff”

– Philippe DUBREUIL, Technical Services Manager

Hospital Center of Loches

Location: Hospital Center of Loches

Solution: 30W Twin Bar panel and 24W Faceta Downlight.



5 5 Years
Standard Warranty

Fire Rated IP20 or IP65 Downlight for GU10 Lamps

- Class I, IP20 or IP65
- BS476 Part 21 / BS EN 1365-2 Fire-Rated to 30, 60 and 90 minutes
- Fixed versions available with IP20 or IP65 rating
- Tilt version available with IP20 rating
- Can be installed under insulation



IP20, White



▲ ALI20

70mm
Cut-out



IP65, White



▲ ALI65

74mm
Cut-out



IP20, Tilt, White



▲ ALI20T

86mm
Cut-out



Fixed bezels



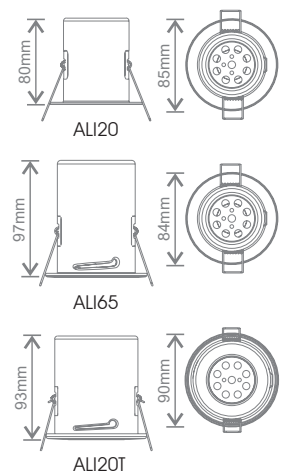
Recommended



Order Code

ALI20-WHT
ALI20-SCH
ALI20-CHM
ALI65-WHT
ALI65-SCH
ALI65-CHM
ALI20T-WHT
ALI20T-SCH
ALI20T-CHM

Dimensions



Order Code	Max Power	Type	Finish	Description	Lamp Type	Cut-out	Trade Price
ALI20	7W	Fixed	White Chrome Satine chrome	Class I IP20	GU10	70mm	£14.09
ALI65	7W	Fixed	White Chrome Satine chrome	Class I IP65	GU10	74mm	£17.99
ALI20T	7W	Tilt	White Chrome Satine chrome	Class I IP20	GU10	86mm	£17.56

Optional Gear

Type	Order Code	Description	Trade Price
Emergency kit	EMPAD01	Universal Non-maintained emergency kit	£39.49

Katla-Pro Fire-rated GU10 Downlight

Fire-rated GU10 Downlight

with magnetic interchangeable bezel

Intumescent Pad

Sits between the back plate and the GU10 Lamp holder. In the case of fire, it expands and closes the ventilation window.



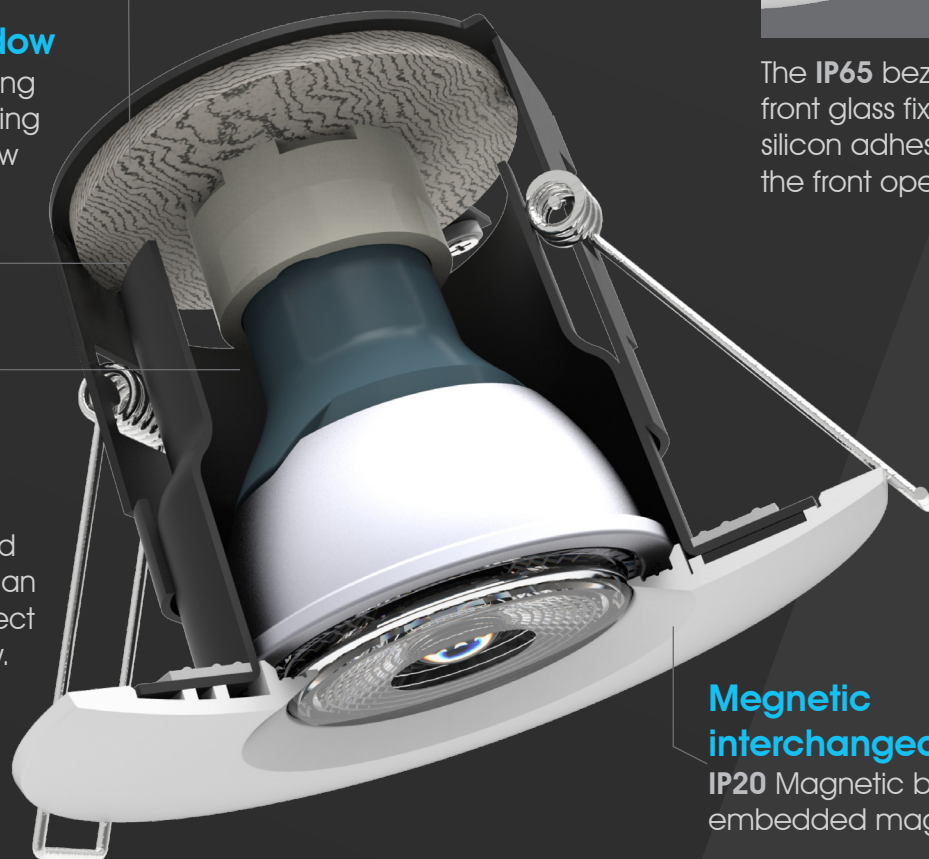
The **IP65** bezel has a front glass fixed with silicon adhesive to seal the front opening.

Ventilation Window

Large circular opening at the side of the fitting maximises the airflow volume.

Chimney Effect

The canister with two openings and heat source being located at lower half of the can creates chimney Effect for enhanced airflow.

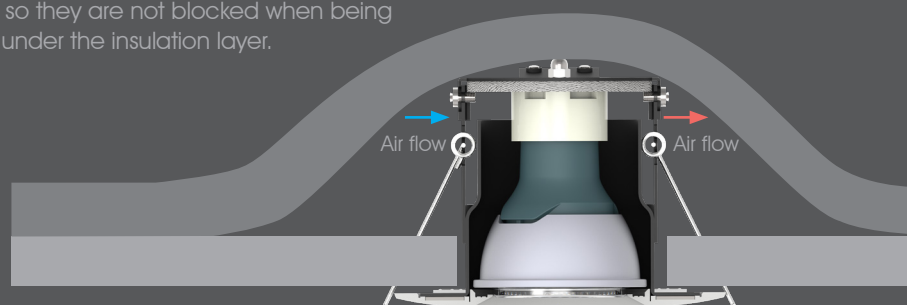


Magnetic interchangeable bezel

IP20 Magnetic bezel with embedded magnets.

Installing under insulation layer

The ventilation windows are located to the side of fitting, so they are not blocked when being installed under the insulation layer.



Katla-Pro

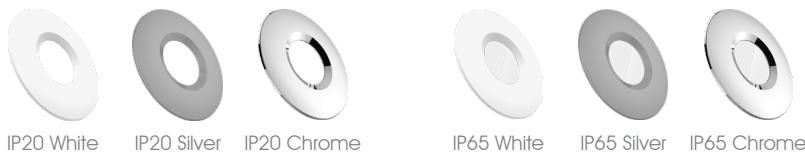
GU10 fire rated downlight with magnetic interchangeable bezel

Magnetic bezel 

- Optional chrome and silver bezels
- Chimney effect for enhanced air-circulation
 - Compact size
 - Side ventilation window
- Can be installed under Insulation layer
- Available in IP65 and IP20

▼ Lamp not included, white bezel included

 **68mm**
Cut-out



5 5 Years
Standard Warranty

Recommended



White IP20 bezels included

Order Code	Max Power	Description	Lamp Type	Fire Rating	Cut-out	Trade Price
KFDLGU10F120-WHT	7W	Class II IP20	GU10	60 minutes	68mm	£14.82

White IP65 bezels included

Order Code	Max Power	Description	Lamp Type	Fire Rating	Cut-out	Trade Price
KFDLGU10F165-WHT	7W	Class II IP65	GU10	60 minutes	68mm	£14.82

Interchangeable bezels

Order Code	KPT-BZ20-CHM	KPT-BZ20-SLV	KPT-BZ65-CHM	KPT-BZ65-SLV
Trade Price	£4.17	£4.11	£4.47	£4.11

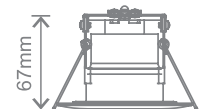
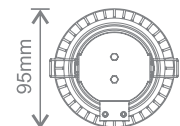
Optional Gear

Type	Order Code	Description	Trade Price
Emergency kit	EMPAD01	Universal Non-maintained emergency kit	£39.49

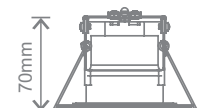
Order Code

KFDLGU10F120-WHT
KFDLGU10F165-WHT
KPT-BZ20-CHM
KPT-BZ20-SLV
KPT-BZ65-CHM
KPT-BZ65-SLV

Dimensions



KFDLGU10F120-WHT



KFDLGU10F165-WHT

Patent

5 5 Years
Standard Warranty

Katla-Eco

GU10 fire rated downlight

- Chimney effect for enhanced air-circulation
- Compact size
- Side ventilation window
- Can be installed under Insulation layer

Recommended



LED GU10 ↪ P239



Neka ↪ P48



68mm
Cut-out



I Joist



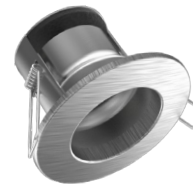
I Joist



Solid Joist



▲ KFDL GU10F-CHM



▲ KFDL GU10F-SCH



▲ KFDL GU10F-BLK



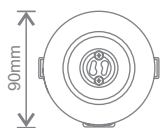
▲ KFDL GU10F-BAS



Order Code

KFDL GU10F-WHT
KFDL GU10F-BAS
KFDL GU10F-BLK
KFDL GU10F-CHM
KFDL GU10F-SCH

Dimensions



Order Code	Max Power	Finish	Description	Lamp Type	Fire Rating	Cut-out	Trade Price
KFDL GU10F	7W	White	Class II IP20	GU10	60 minutes	68mm	£11.77
KFDL GU10F	7W	Chrome Brass Black Satin Chrome	Class II IP20	GU10	60 minutes	68mm	£13.07

Optional Gear

Type	Order Code	Description	Trade Price
Emergency kit	EMPAD01	Universal Non-maintained emergency kit	£39.49

Patent

Toba circular surface luminaire

 *Watt* &  *CCT switching*

Ultra slim profile LED surface luminaire
with mounting options

Recessed

Fit all cut-out from 65-205mm

10-18W

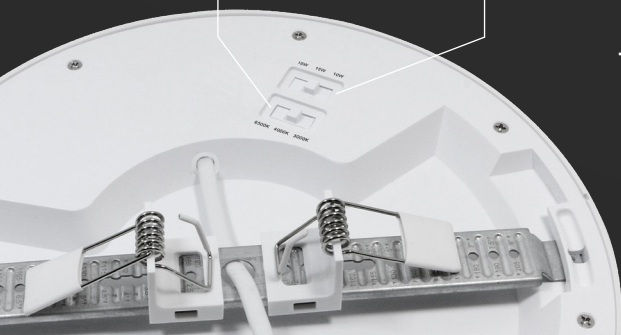
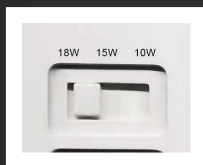
 **Slidable Springs** 



Surface-mount

Easy & Fast installation

10-18W, 24W



10-18W

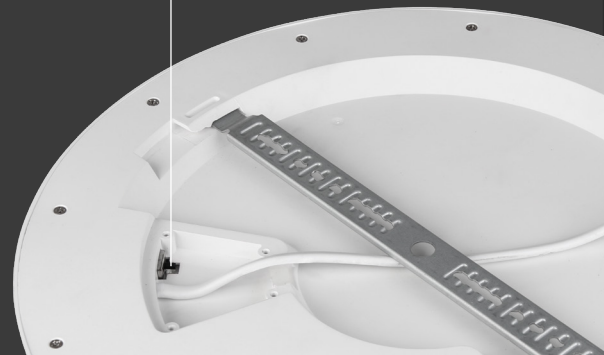
IP44

Ø230mm

24W

IP54

Ø330mm



3 Years
Standard Warranty

5 Years
Extended Warranty

500V
Surge Protection



KPNL10-18CF/SCT-WHT



KPNL24CF54/SCT-WHT

Recommended



Neka P48

General Specification

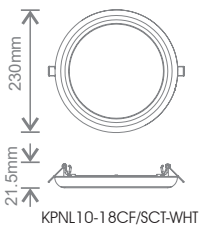
Voltage 220-240Vac
50-60Hz
CRI >80
Life Time 40,000h
Power Factor 0.93
Ambient Temp -20°C to 40°C
Housing Polycarbonate
Diffuser Polystyrene



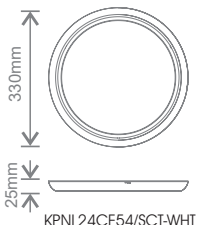
Order Code

KPNL10-18CF/SCT-WHT
KPNL24CF54/SCT-WHT

Dimensions



KPNL10-18CF/SCT-WHT



KPNL24CF54/SCT-WHT

Toba

Wattage and CCT switchable Ultra slim profile circular LED surface luminaire with mounting options

- Surface or cut-out mounting options
- Ultra slim profile of only 21.5mm / 25mm
- IP54, suitable for bathroom applications
- Switchable CCT 3000K/4000K/6500K
- Unique adjustable mounting bracket (cut-out range 65-205mm)
- Long life of 40,000hrs
- IP54, Class II

Watt Wattage switching

CCT CCT switching



65-250mm
Cut-out

Order Code	Default Power	Alternative Power	Cut-out	CCT	Lumen	Trade Price
KPNL10-18CF	-	10W	65-205mm	Switchable*	1000lm(3000K) 1100lm(4000K) 1100lm(6500K)	£61.72
	-	15W	65-205mm	Switchable*	1400lm(3000K) 1500lm(4000K) 1500lm(6500K)	
	18W	-	65-205mm	Switchable*	1600lm(3000K) 1700lm(4000K) 1700lm(6500K)	
KPNL24CF54/SCT		24W	-	Switchable*	2150lm(3000K) 2400lm(4000K) 2400lm(6500K)	£134.37

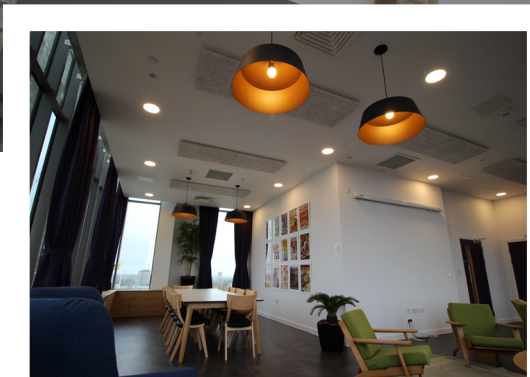
Optional Gear

Type	Order Code	Description	Trade Price
Emergency kit	EMPAD01	Universal Non-maintained emergency kit	£39.49

* When CCT switchable, colour temperature switches between 3000K, 4000K & 6500K



FOR THE MEMORY OF FABIO FANGHIE
WE NAME THIS BUILDING SO WE THANK
A CIRCUS-FOUNDING CLOSE TO
FROM THE WORKHOUSE TO PIONEER
HERE. BORN 1810.
A NORWICH SON,
WITH BUT ONE
PAIR OF HORSES,
STARTED HIS OWN!
TO READ HIS THOUGHTS,
AND OTHER FLOORS.
HE RULED
THE NORTH
WITH MORE
THAN TENT.
AS HE WENT
HE BUILT
AUDITORIA!
HE WENT TO WISAN, TRAINED AND BEED
A HORSE TROUPE WHO WISE ALMOST SAID
THE TURNS THEY'D DO AT HIS COMMAND
ON A VENUE'S CIRCUS SAND



Kosnic were selected to provide the most efficient LED technology for new university accommodation.

The Quad case study

Location: Norwich

Solution: 18w Nyos edge-lit circular panel downlight, 45w Slim-line interior batten, Universal Emergency Module (UEM) and 50w Lena-I batten with emergency and motion sensor built in.

5 5 Years
Standard Warranty

7 7 Years
Extended Warranty

500V
Surge Protection

DALI & 1-10V (0-10V)
Dimmable Options

Recommended



Standard/Self-test
universal emergency module
UEM ⇄ P30

General Specification

Voltage 220-240Vac
50-60Hz
CRI >80
Life Time 40,000h
Power Factor >0.90
Ambient Temp -20°C to 40°C
Housing Diecast aluminum
Diffuser Polycarbonate



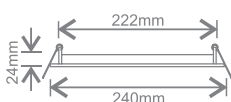
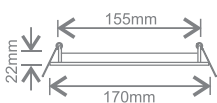
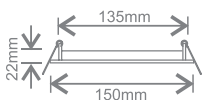
Order Code

KPNLLS10CF-W30-WHT
KPNLLS10CF-W40-WHT
KPNLLS10CF-W65-WHT

KPNLLS12CF-W30-WHT
KPNLLS12CF-W40-WHT
KPNLLS12CF-W65-WHT

KPNLLS18CF-W30-WHT
KPNLLS18CF-W40-WHT
KPNLLS18CF-W65-WHT

Dimensions



Nyos

Edge-lit circular LED panel downlight

- IP20 when ceiling recess mounted
- Ultra-slim profile
- Flicker free
- Optional DALI, 1-10V (0-10V) driver

Plug-in emergency

Flicker free

Modular design

140mm
160mm
227mm
Cut-out



Order Code	Power	Cut-out	CCT	Lumen	Trade Price
KPNLLS10CF	10W	140mm	3000K 4000K 6500K	710lm 780lm 780lm	£18.43
KPNLLS12CF	12W	160mm	3000K 4000K 6500K	900lm 1070lm 1070lm	£20.69
KPNLLS18CF	18W	227mm	3000K 4000K 6500K	1500lm 1700lm 1700lm	£28.08

Optional Gears

Type	Order Code	Description	Trade Price
Dimmable driver	CYC030TDC30-90	Configurable DALI & 1-10V (0-10V) Dimmable Driver	£70.55
Emergency module	UEM02	UEM, 2.3W, Li-ion battery	£73.09
Emergency module	UEM02/ST	Self-test UEM, 2.3W, Li-ion battery	£86.72

Faceta

Premium LED downlight with faceted reflector

Plug-in emergency 

CCT switching 


Wattage switching 

Flicker free 

Modular design 

- IP65 when ceiling recess mounted
- Unique faceted white reflector
- Optional drop-down diffusers for KCDL2622FR65
 - Low glare
 - Flicker free
- Optional DALI, 1-10V (0-10V) driver (KCDL2622FR65)
 - Option of CCT switching 3000K, 4000K, 5000K




 86mm
 111mm
 164mm
 215mm
 Cut-out



Clear frosted anti-glare halo diffuser for KCDL2622FR65



Opal frosted anti-glare halo diffuser for KCDL2622FR65

5 5 Years
Standard Warranty

7 7 Years
Extended Warranty

1000V
Surge Protection

DALI & 1-10V (0-10V)
Dimmable Options

Recommended



Standard/Self-test universal emergency module
UEM 



In-line switch for CCT selection

General Specification

Voltage	220-240Vac 50-60Hz
CRI	85
Life Time	40,000h
Power Factor	>0.90
Ambient Temp	-20°C to 40°C
Housing	PBT
Diffuser	Polycarbonate



Order Code	Power	Beam Angle	Cut-out	CCT	Lumen	Trade Price
KCDLLS08FR65/SCT	8W	80°	86mm	Switchable*	350lm(3000K) 400lm(4000K) 400lm(5000K)	£63.63

* Where CCT switchable, colour temperature switches between 3000K, 4000K & 5000K

Order Code

KCDLLS08FR65/SCT-WHT
 KCDL1006FR65/SCT-WHT
 KCDL2016FR65/SCT-WHT
 KCDL2622FR65/SCT-WHT

Order Code	Default Power	Alternative Power	Beam Angle	Cut-out	CCT	Lumen	Trade Price
KCDL1006FR65	10W	-	80°	111mm	Switchable*	550lm (3000K) 600lm (4000K) 600lm (5000K)	£71.70
	-	6W				300lm (3000K) 330lm (4000K) 330lm (5000K)	
KCDL2016FR65	20W	-	80°	164mm	Switchable*	1250lm (3000K) 1380lm (4000K) 1380lm (5000K)	£87.53
	-	16W				1000lm (3000K) 1100lm (4000K) 1100lm (5000K)	
KCDL2622FR65	26W	-	80°	215mm	Switchable*	2000lm (3000K) 2130lm (4000K) 2130lm (5000K)	£97.69
	-	22W				1700lm (3000K) 1800lm (4000K) 1800lm (5000K)	

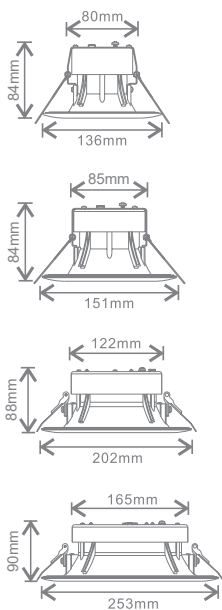
Optional Gears

Type	Order Code	Description	Trade Price
Dimmable driver	CYC030TDC30-90	Configurable DALI & 1-10V (0-10V) Dimmable Driver for KCDL2622FR65	£70.55
Emergency module	UEM02	UEM, 2.3W, Li-ion battery	£73.09
Emergency module	UEM02/ST	Self-test UEM, 2.3W, Li-ion battery	£86.72

Accessories

Type	Order Code	Description	Trade Price
Diffuser	KPT-CLR-CDL24	Clear frosted anti-glare halo diffuser for KCDL2622FR65	£20.78
Diffuser	KPT-OPL-CDL24	Opal frosted anti-glare halo diffuser for KCDL2622FR65	£20.78

Dimensions



Napa Commercial Downlight

Multi-CCT

LED commercial downlight

with reflector options



Push-wire terminal

Loop-in and loop-out push-wire connectors

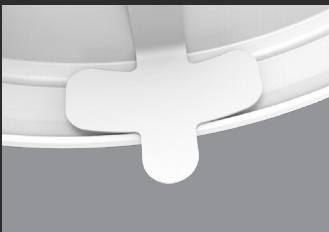


CCT Switch

Switchable colour temperature (3000K/4000K/6000K) located at the top of the downlight

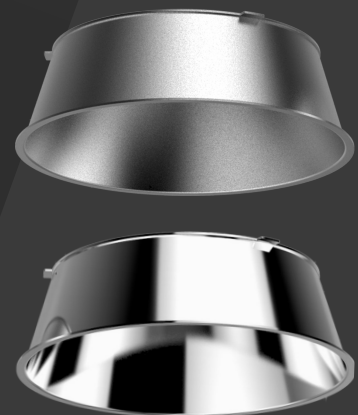
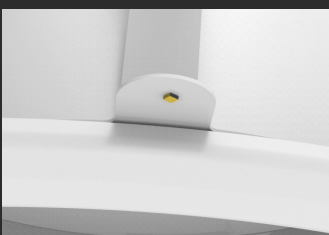
Emergency ready

Compatible with the plug & play mains emergency module



Self-adhesive LED indicator Pad

This unique self-adhesive LED indicator pad is provided with the mains emergency module. It can be easily attached to the back of the bezel of the downlight.



Optional Reflectors

Twist and Clip in Interchangeable reflectors available in silver and polished chrome

- 5** 5 Years Standard Warranty
- 7** 7 Years Extended Warranty
- Mains Dimmable** Dimmable
- 1000V/2000V** Surge Protection (L to GND)

Recommended



Mains emergency module for Napa I



UEM for Napa II

General Specification

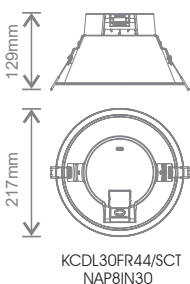
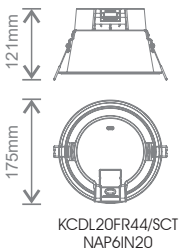
Voltage	220-240Vac 50-60Hz
CRI	>80
Life Time	40,000h
Power Factor	0.94
Ambient Temp	-20°C to 40°C
Housing	Zinc coated sheet steel



Order Code

KCDL20FR44/SCT-WHT
KCDL30FR44/SCT-WHT
NAP6IN20-WHT
NAP8IN30-WHT

Dimensions



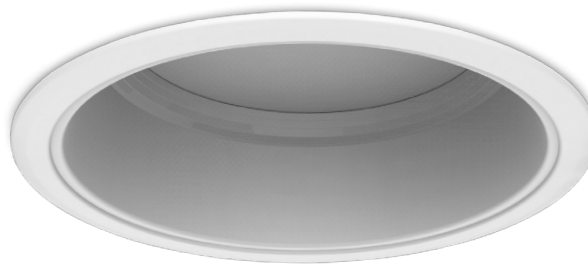
Napa

NEW Available Feb. 2022

IP44 LED commercial downlight with emergency option

- Integrated dimmable driver
- Switchable CCT (3000K/4000K/6000K)
- Compatible with Kosnic's mains emergency module
- Optional silver and polished chrome reflectors
- High lumen output
- Long life of 40,000h
- Low glare, UGR < 22
- Flicker free

150mm
200mm
Cut-out



- CCT** CCT switching
- E** Plug-in emergency
- Flicker free**
- ECO** Modular design



Napa I

Energy Class: **F**

Order Code	Power	Beam Angle	Cut-out	CCT	Lumen*	Trade Price
KCDL20FR44/SCT	20W	95°	150mm	Switchable**	1800lm(1650lm) (3000K) 2000lm(1750lm) (4000K) 2000lm(1750lm) (6000K)	£75.33
KCDL30FR44/SCT	30W	95°	200mm	Switchable**	2700lm(2600lm) (3000K) 3000lm(2700lm) (4000K) 3000lm(2700lm) (6000K)	£89.15

Napa II

Energy Class: **F**

Order Code	Power	Beam Angle	Cut-out	CCT	Lumen*	Trade Price
NAP6IN20	20W	95°	150mm	Switchable**	1800lm(1650lm) (3000K) 2000lm(1750lm) (4000K) 2000lm(1750lm) (6000K)	£75.33
NAP8IN30	30W	95°	200mm	Switchable**	2700lm(2600lm) (3000K) 3000lm(2700lm) (4000K) 3000lm(2700lm) (6000K)	£89.15

* Total lumen (lumen measured in 90°/120° Cone)

** When CCT switchable, colour temperature switches between 3000K, 4000K & 6000K

Optional Gear

Type	Order Code	Description	Trade Price
Emergency module	CEL03LIC/N	Three hour rated Li-Ion emergency module (for NAPA I)	£89.47
Emergency module	UEM02	UEM, 2.3W, Li-ion battery (for NAPA II)	£73.09
Emergency module	UEM02/ST	Self-test UEM, 2.3W, Li-ion battery (for NAPA II)	£86.72

Interchangeable Reflectors

Order Code	KPT-KCDL20REF-SLV	KPT-KCDL20REF-CHM	KPT-KCDL30REF-SLV	KPT-KCDL30REF-CHM
Trade Price	£12.55	£12.95	£16.16	£16.73

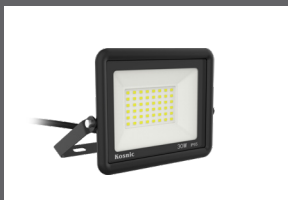
RF wireless triac dimmer

Order Code	Max Power	Output Current	Trade Price
CYDIMRFT1	2 x 120W (100 Vac) 2 x 288W (240 Vac)	2 x 1.2 A	£107.91

* See datasheet for recommended number of lamps per dimmer

A large, semi-transparent, light gray number '7' is centered on the page, serving as a background element for the text.

Floodlight



Rhine II 158



Ventus II 160



Della 163



Vermillion 164



Havasu 165



Vega 166

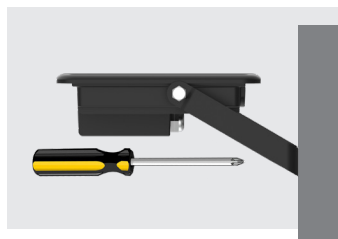


Accessories 167

NEW Rhine II

LED flood light

- Diecast aluminium body
- Surge protection
- Slim profile
- 1m of H05RN-F 3 x 1mm² cable



Angled bracket for easy installation

Energy Class: **F** A B C D E G

Order Code	Power	Beam Angle	Finish	CCT	Lumen*	Trade Price
RHI10	10W	105°	Black	3000K 4000K 6500K	900lm(830lm)	£16.87
RHI20	20W	105°	Black	3000K 4000K 6500K	1810lm(1650lm)	£21.70
RHI30	30W	105°	Black	3000K 4000K 6500K	2740lm(2430lm)	£28.59
RHI50	50W	105°	Black	3000K 4000K 6500K	4570lm(4060lm)	£35.78

* Total lumen (lumen measured in 90°/120° Cone)

Accessory

Type	Order Code	Description	Trade Price
Connector	KCWP3IN	IP67 In-line Connector	£10.69

- 3** 3 Years Standard Warranty
- 1000V** (10W,20W) Surge Protection (L to GND)
- 2000V** (30W,50W) Surge Protection (L to GND)



Optional Connector KCWP3IN

General Specification

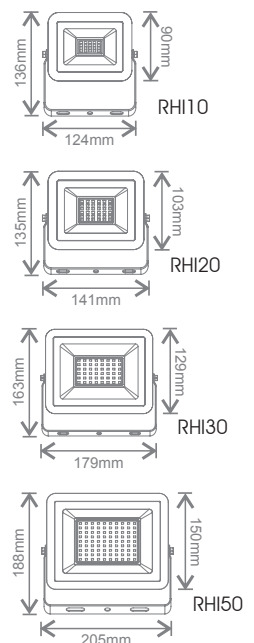
Voltage	220-240Vac 50-60Hz
CRI	>80
Life Time	30,000h
Power Factor	0.95
Ambient Temp	-20°C to 40°C
Housing	Diecast aluminium



Order Code

- RHI10-W30
- RHI10-W40
- RHI10-W65
- RHI20-W30
- RHI20-W40
- RHI20-W65
- RHI30-W30
- RHI30-W40
- RHI30-W65
- RHI50-W30
- RHI50-W40
- RHI50-W65

Dimensions



- 3** 3 Years Standard Warranty
- 1000V** (10W,20W) Surge Protection (L to GND)
- 2000V** (30W,50W) Surge Protection (L to GND)



Optional Connector
KCWP3IN

Rhine II NEW

LED flood light with PIR sensor

- Diecast aluminium body
- Adjustable PIR sensor
- Surge protection
- Slim profile
- 1m of H05RN-F 3 x 1mm² cable

Built-in motion sensor

General Specification

Voltage	220-240Vac 50-60Hz
CRI	>80
Life Time	30,000h
Power Factor	0.95
Ambient Temp	-20°C to 40°C
Housing	Diecast aluminum



Order Code

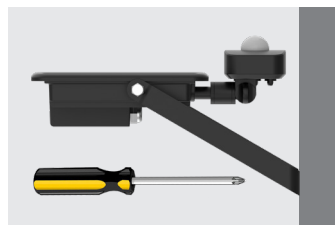
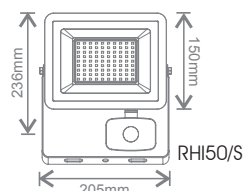
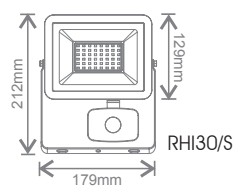
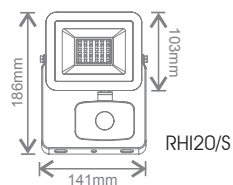
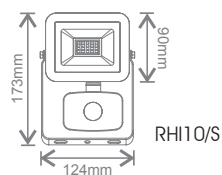
RH10-W30/S
RH10-W40/S
RH10-W65/S

RH20-W30/S
RH20-W40/S
RH20-W65/S

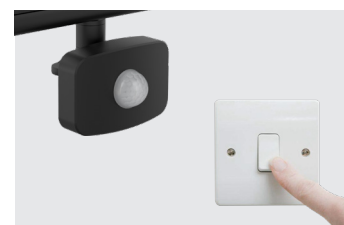
RH30-W30/S
RH30-W40/S
RH30-W65/S

RH50-W30/S
RH50-W40/S
RH50-W65/S

Dimensions



Angled bracket for easy installation



OFF/ON within 3 seconds to override the PIR sensor

Energy Class: F A B

Order Code	Power	Beam Angle	Finish	CCT	Lumen*	Trade Price
RH10/S	10W	105°	Black	3000K 4000K 6500K	900lm(830lm)	£36.41
RH20/S	20W	105°	Black	3000K 4000K 6500K	1810lm(1650lm)	£43.66
RH30/S	30W	105°	Black	3000K 4000K 6500K	2740lm(2430lm)	£51.29
RH50/S	50W	105°	Black	3000K 4000K 6500K	4570lm(4060lm)	£58.91

* Total lumen (lumen measured in 90°/120° Cone)

Accessory

Type	Order Code	Description	Trade Price
Connector	KCWP3IN	IP67 In-line Connector	£10.69

NEW Available
Mar. 2022

Ventas II

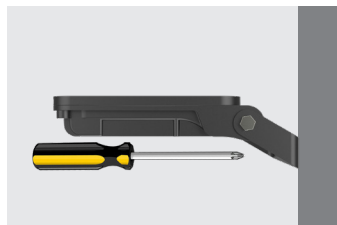
LED flood light

CCT switching 

- CCT switching with remote control included
- Diecast aluminium body
- Surge protection
- Slim profile
- 1m of H05RN-F 3 x 1mm² cable



Remote control (included)



Angled bracket for easy installation

- 3** 3 Years Standard Warranty
- 1000V** (10W,20W) Surge Protection (L to GND)
- 2000V** (30W,50W) Surge Protection (L to GND)



Optional Connector
KCWP3IN

General Specification

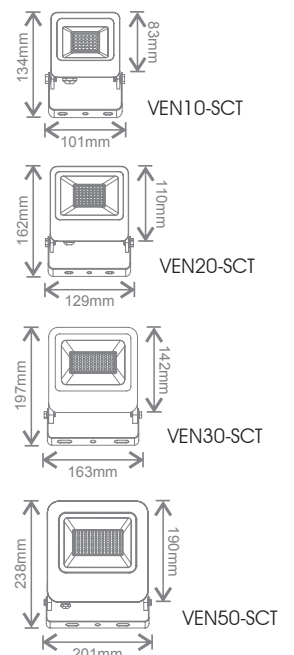
Voltage	220-240Vac 50-60Hz
CRI	>80
Life Time	30,000h
Power Factor	0.95
Ambient Temp	-20°C to 40°C
Housing	Diecast aluminium



Order Code

- VEN10-SCT
- VEN20-SCT
- VEN30-SCT
- VEN50-SCT

Dimensions



Order Code	Power	Beam Angle	Finish	CCT	Lumen	Trade Price
VEN10-SCT	10W	105°	Grey	Switchable*	590lm (3000K) 660lm (4000K) 590lm (6500K)	£39.85
VEN20-SCT	20W	105°	Grey	Switchable*	1410lm (3000K) 1680lm (4000K) 1410lm (6500K)	£50.76
VEN30-SCT	30W	105°	Grey	Switchable*	2340lm (3000K) 2800lm (4000K) 2340lm (6500K)	£60.72
VEN50-SCT	50W	105°	Grey	Switchable*	3980lm (3000K) 4980lm (4000K) 3980lm (6500K)	£85.76

** When CCT switchable, colour temperature switches between 3000K, 4000K & 6500K

Accessory

Type	Order Code	Description	Trade Price
Connector	KCWP3IN	IP67 In-line Connector	£10.69

3 3 Years
Standard Warranty

1000V (10W,20W)
Surge Protection
(L to GND)

2000V (30W,50W)
Surge Protection
(L to GND)



Optional Connector
KCWP3IN

General Specification

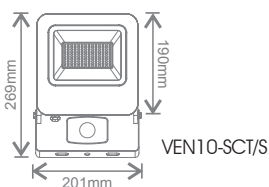
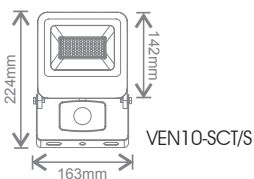
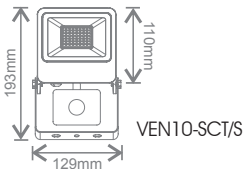
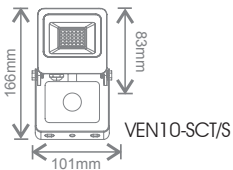
Voltage 220-240Vac
50-60Hz
CRI >80
Life Time 30,000h
Power Factor 0.95
Ambient Temp -20°C to 40°C
Housing Diecast aluminum



Order Code

VEN10-SCT/S
VEN20-SCT/S
VEN30-SCT/S
VEN50-SCT/S

Dimensions



Ventas II

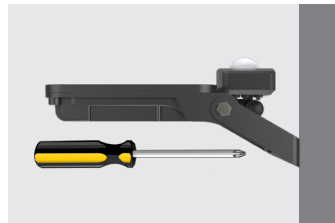
NEW Available Mar.2022

LED flood light with PIR sensor

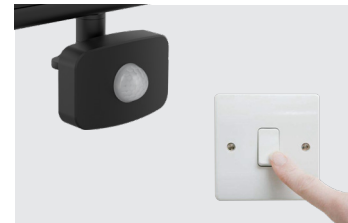
- CCT switching with remote control included
- Diecast aluminium body
- Adjustable PIR sensor
- Surge protection
- Slim profile
- 1m of H05RN-F 3 x 1mm² cable

CCT CCT switching

S Built-in motion sensor



Angled bracket for easy installation



OFF/ON within 3 seconds to override the PIR sensor

Order Code	Power	Beam Angle	Finish	CCT	Lumen	Trade Price
VEN10-SCT/S	10W	105°	Grey	Switchable*	590lm (3000K) 660lm (4000K) 590lm (6500K)	£65.57
VEN20-SCT/S	20W	105°	Grey	Switchable*	1410lm (3000K) 1680lm (4000K) 1410lm (6500K)	£77.51
VEN30-SCT/S	30W	105°	Grey	Switchable*	2340lm (3000K) 2800lm (4000K) 2340lm (6500K)	£94.04
VEN50-SCT/S	50W	105°	Grey	Switchable*	3980lm (3000K) 4980lm (4000K) 3980lm (6500K)	£114.3

** When CCT switchable, colour temperature switches between 3000K, 4000K & 6500K

Accessory

Type	Order Code	Description	Trade Price
Connector	KCWP3IN	IP67 In-line Connector	£10.69



Eye Media Case study

Location: Copenhagen, Denmark

Solution: 200w + 100w Della floodlights

“We were impressed with the quality and lighting output of Kosnic Floodlights. The whole experience working with Encepa A/S and the support of Kosnic Lighting has been a pleasure, which we hope to continue”

– Eye Media

5 5 Years
Standard Warranty

7 7 Years
Extended Warranty

2000V
Surge Protection
(L to GND)



Ceiling mount bracket
P167



Optional Connector
KCWP3IN

General Specification

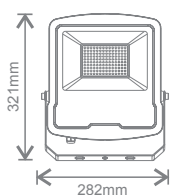
Voltage 220-240Vac
50-60Hz
CRI >80
Life Time 40,000h
Power Factor >0.96
Ambient Temp -20°C to 40°C
Housing Diecast aluminum



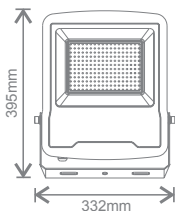
Order Code

KFLDHS80Q65-W65-BLK
KFLDHS100Q65-W65-BLK
KFLDHS150Q65-W65-BLK
KFLDHS200Q65-W65-BLK

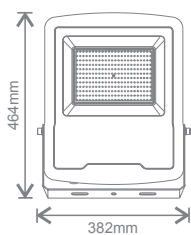
Dimensions



KFLDHS80Q65
KFLDHS100Q65



KFLDHS150Q65



KFLDHS200Q65

Della

(80W, 100W, 150W, 200W)

High power LED flood light

- Diecast aluminium body
- Long life of 40,000hrs
- Surge protection
- 1m of H05RN-F 3 x 1.0mm² cable



Order Code	Power	Beam Angle	Finish	CCT	Lumen	Trade Price
KFLDHS80Q65	80W	110°	Black	6500K	8000lm	£130.48
KFLDHS100Q65	100W	110°	Black	6500K	9000lm	£133.54
KFLDHS150Q65	150W	110°	Black	6500K	15500lm	£255.66
KFLDHS200Q65	200W	110°	Black	6500K	20000lm	£321.65

Accessory

Type	Order Code	Description	Trade Price
Connector	KCWP3IN	IP67 In-line Connector	£10.69

SPEC LINE

Vermillion

High-power LED high mast floodlight

Flicker free

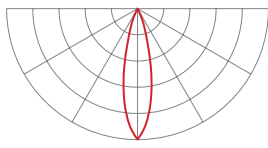


Ultra high efficiency

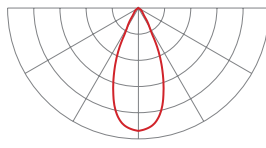


- Modular construction allows each module to be angled independently
- High efficiency of 160lm/W
 - IP66, IK09
 - High power 300W-1200W
- Multiple options for optics including asymmetric options
 - Flicker free

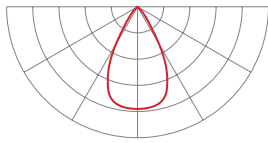
Driver
INVENTRONICS



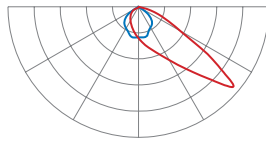
20°



40°



60°



Asymmetric 50°

Order Code	Power	Beam Angle	Finish	CCT	Lumen	Trade Price
KFLD300Q966	300W	20° / 40° / 60° Asymmetric 50°	Grey	5000K	48000lm	£971.54
KFLD600Q966	600W	20° / 40° / 60° Asymmetric 50°	Grey	5000K	96000lm	£1709.91
KFLD900Q966	900W	20° / 40° / 60° Asymmetric 50°	Grey	5000K	144000lm	£2472.50
KFLD1200Q966	1200W	20° / 40° / 60° Asymmetric 50°	Grey	5000K	192000lm	£3300.17

1-10V (standard) DALI / Photocell / DMX512 as special order

- 5** Years Standard Warranty
- 7** Years Extended Warranty
- 10000V** Surge Protection (L to GND)
- 100-277V** Input voltage

General Specification

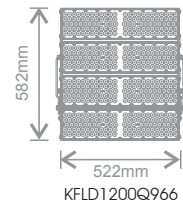
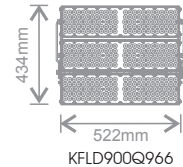
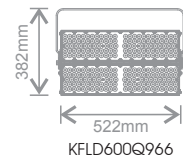
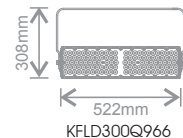
Voltage 100-277Vac
50-60Hz
CRI >70
Life Time 54,000h
Power Factor 0.95
Ambient Temp -30°C to 50°C
Housing Powder coated aluminum



Order Code

- KFLD300Q966-B50
- KFLD300Q966-S50
- KFLD300Q966-F50
- KFLD300Q966-A50
- KFLD600Q966-B50
- KFLD600Q966-S50
- KFLD600Q966-F50
- KFLD600Q966-A50
- KFLD900Q966-B50
- KFLD900Q966-S50
- KFLD900Q966-F50
- KFLD900Q966-A50
- KFLD1200Q966-B50
- KFLD1200Q966-S50
- KFLD1200Q966-F50
- KFLD1200Q966-A50

Dimensions



- 5** Years Standard Warranty
- 7** Years Extended Warranty
- 6000V** Surge Protection (L to GND)
- 100-277V** Input voltage

Havasu

(80W, 100W, 120W, 150W) (200W, 240W)

Premium high-power LED floodlight with wattage switching

- Switchable wattage
- High Power, from 80W to 240W
- Efficiency of 150lm/W
- Multiple options for optics including asymmetric options
- IP66, IK08
- Flicker free

 **Wattage switching**

 **Flicker free**

 **Ultra high efficiency**

General Specification

Voltage 100-277Vac
50-60Hz
CRI >80
Life Time 54,000h
Power Factor 0.98
Ambient Temp -30°C to 45°C
Housing Diecast aluminum

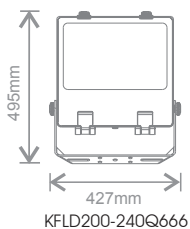
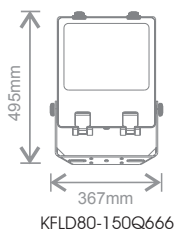


Order Code

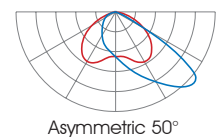
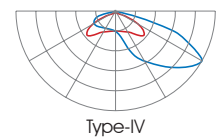
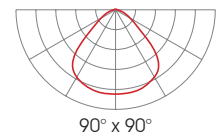
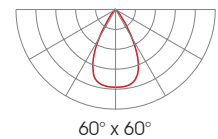
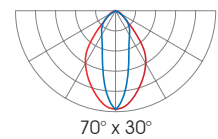
KFLD80-150Q666-S50
KFLD80-150Q666-F50
KFLD80-150Q666-W50
KFLD80-150Q666-A150
KFLD80-150Q666-A250

KFLD200-240Q666-S50
KFLD200-240Q666-F50
KFLD200-240Q666-W50
KFLD200-240Q666-A150
KFLD200-240Q666-A250

Dimensions



Driver
INVENTRONICS



Order Code	Default Power	Power	Beam Angle	Finish	CCT	Lumen	Trade Price
KFLD80-150Q666	-	80W	70° x 30°	Black	5000K	12000lm	£563.55
	-	100W	60° x 60°			15000lm	
	-	120W	90° x 90°			18000lm	
	-	150W	Type IV			22500lm	
	-	-	Asymmetric 50°			22500lm	
KFLD200-240Q666	-	200W	70° x 30°	Black	5000K	30000lm	£667.06
	-	240W	60° x 60°			36000lm	
	-	-	90° x 90°			36000lm	
	-	-	Type IV			36000lm	
	-	-	Asymmetric 50°			36000lm	

NEW Available May 2021
Vega
 (300lm, 700lm, 1100lm)

Solar powered commercial flood light

Built-in motion sensor 

Dusk to dawn sensor 

- Provided with high output monocrystalline silicon solar panel
 - High efficiency upto 170lm/W
- Dusk to dawn / microwave sensor option
- Easy installation with no mains wiring required



Solar panel (included)



Remote Control (included)

- 3** 3 Years Standard Warranty
- 5** 5 Years Extended Warranty

General Specification

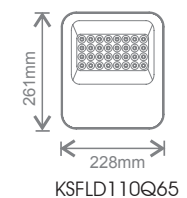
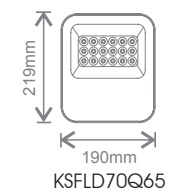
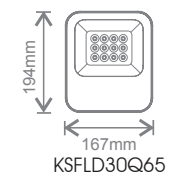
CRI	>80
Life Time	50,000h
Power Factor	1.0
Ambient Temp	-10°C to 45°C
Housing	Aluminium Alloy
Solar panel	Polysilicon
Operation Time	3h/5h/8h/ Auto(10h)
Charging Time	8h
Battery Voltage	3.7V(Li-ion) 3.2V(LiFePO4)
Battery Life	4 Years



Order Code

KSFLD30Q65-GRY
 KSFLD70Q65-GRY
 KSFLD110Q65-GRY

Dimensions



Order Code	Lumen	Beam Angle	Finish	CCT	Battery Capacity	Trade Price
KSFLD30Q65	300lm	90°	Grey	6000K	4400mAh	£136.15
KSFLD70Q65	700lm	90°	Grey	6000K	10000mAh	£174.23
KSFLD110Q65	1100lm	90°	Grey	6000K	20000mAh	£230.70

Batteries

Order Code	Type	Capacity	Voltage	Trade Price
LIB186502-C22	Li-ion	4400mAh	3.7V	£13.68
LFP326502-C50	LiFePO4	10000mAh	3.2V	£22.84
LFP326504-C50	LiFePO4	20000mAh	3.2V	£42.52

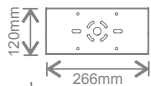
Fixing Accessories

- BESA box fitting points for ceiling mount bracket

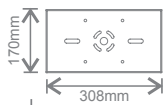
Order Code

- KPT-CBKA-FLD
- KPT-CBKB-FLD
- KPT-CBKC-FLD
- KPT-SUP-FLD
- KPT-SPK-FLD

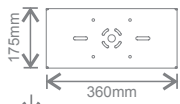
Dimensions



KPT-CBKA-FLD



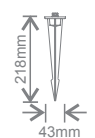
KPT-CBKB-FLD



KPT-CBKC-FLD



KPT-SUP-FLD



KPT-SPK-FLD



▲ Ceiling mount bracket
KPT-CBKA-FLD



▲ Supporting arm
KPT-SUP-FLD



▲ Spike
KPT-SPK-FLD

Type	Order Code	Description	Trade Price
Ceiling-mount bracket	KPT-CBKA-FLD	Ceiling mount bracket for 80W/100W floodlight	£36.32
Ceiling-mount bracket	KPT-CBKB-FLD	Ceiling mount bracket for 150W floodlight	£48.81
Ceiling-mount bracket	KPT-CBKC-FLD	Ceiling mount bracket for 200W floodlight	£51.74
Support	KPT-SUP-FLD	Supporting arm for floodlight, max 50W	£44.52
Spike	KPT-SPK-FLD	Spike for floodlight, max 50W	£2.56



Street Light



Nix

170



Luna

171

SPEC LINE

Nix

High power LED streetlight

- IP65 & IK10 protection
- Whole structure heat dissipation
- Ready for connection of photocell sensor
- Dual mounting positions Post-top & side-entry with $\pm 15^\circ$ inclination in steps of 3°
 - Efficiency of 130lm/W
- Day light 5000K colour temperature

Plug-in photocell sensor 

Ultra high efficiency 

LED
LUMILEDS

Driver
PHILIPS



5 5 Years
Standard Warranty

7 7 Years
Extended Warranty

10000V
Surge Protection



General Specification

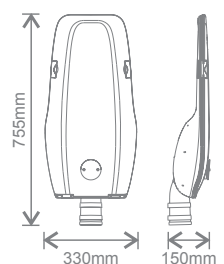
Voltage	220-240Vac 50-60Hz
CRI	>70
Life Time	40,000h
Power Factor	0.98
Ambient Temp	-40°C to 50°C
Housing	Diecast aluminum



Order Code

KSTL80HH2-W50-GRY
KSTL120HH2-W50-GRY

Dimensions



Order Code	Power	Beam Angle	CCT	Lumen	Trade Price
KSTL80HH2	80W	Axial 160° Transverse 120°	5000K	11440lm	£1336.58
KSTL120HH2	120W	Axial 160° Transverse 120°	5000K	15600lm	£1365.34

5 **5 Years**
Standard Warranty

7 **7 Years**
Extended Warranty

10000V
Surge Protection
(L to GND)

110-240V
Input voltage

Luna

LED street light for public areas

- Suitable for pole mounting (42±2 or 60±5mm pole)
- IP67 & IK10 rated
- Efficiency of 112lm/W
- Day light 5000K colour temperature
- Option of photocell sensor
- Whole structure heat dissipation

 Built-in photocell sensor

 Ultra high efficiency

General Specification

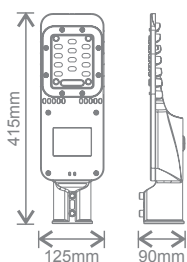
Voltage	100-240Vac 50-60Hz
CRI	>70
Life Time	40,000h
Power Factor	0.95
Ambient Temp	-40°C to 50°C
Housing	Diecast aluminum
Connection	650 mm H05RN-F 3 x 1.0 mm ²



Order Code

KSTL40LH1-W50-WHT
KSTL40LH1/S-W50-WHT

Dimensions



Order Code	Type	Power	Beam Angle	CCT	Lumen	Trade Price
KSTL40LH1	Standard	40W	Axial 175° Transverse 85°	5000K	5000lm	£235.13
KSTL40LH1/S	Sensor	40W	Axial 175° Transverse 85°	5000K	5000lm	£242.17



High Bay
&
Low Bay



Arcus II 174



Arcus-Compact 175



Cumulus 176



Nimbus III 177



Echo Pro 179



Echo II 180



Upgrade
Feb. 2022

Arcus II

LED low bay with emergency and sensor option

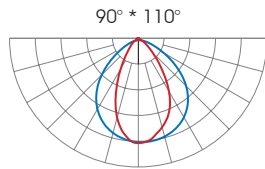
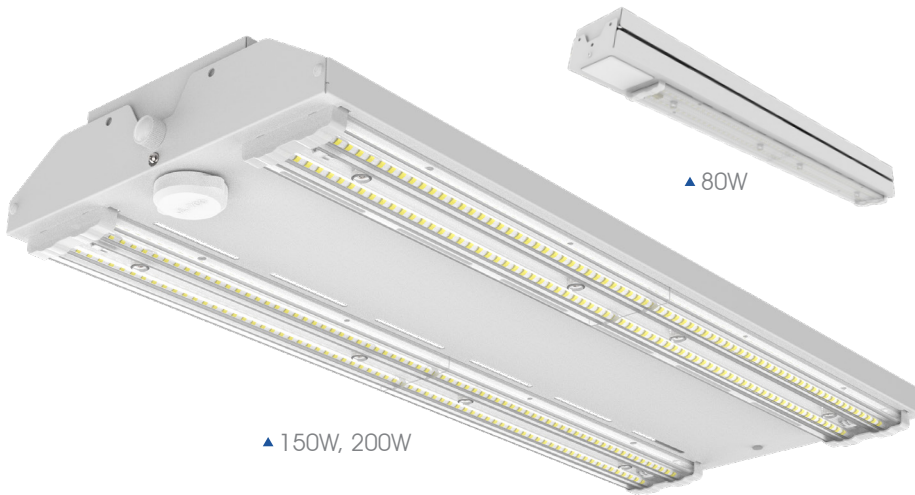
- High efficiency upto 140lm/W
- Optional emergency version
- Optional microwave sensor with stand-by dimming and daylight threshold
- Conduit, trunking or surface mounting
- BESA box fitting points

Built-in emergency

Plug-in corridor sensor

Modular design

Ultra high efficiency



5 Years Standard Warranty

7 Years Extended Warranty

10000V Surge Protection (L to GND)



Zhaga Sensor
(Mounting height ≤1.5m)
MWS-ZGA



Microwave Sensor
(Mounting height ≤8.5m)
KBTNLS1-MWS2

General Specification

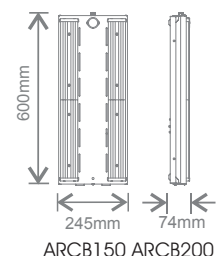
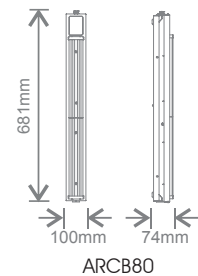
Voltage	220-240Vac 50-60Hz
CRI	>83
Life Time	40,000h
Power Factor	0.96
Ambient Temp	-20°C to 40°C
Housing	Zinc coated sheet steel



Order Code

ARCB80-W65
ARCB80-W65/E
ARCB150-W65
ARCB150-W65/E
ARCB200-W65
ARCB200-W65/E

Dimensions



Order Code	Power	Beam Angle	CCT	Lumen	Trade Price
ARCB80	80W	90°x110°	6500K	9500lm	£232.44
ARCB150	150W	90°x110°	6500K	18500lm	£399.18
ARCB200	200W	90°x110°	6500K	28000lm	£374.24

Emergency Option

Suffix	Description	Trade Price
/E	With integrated emergency module	+£168.93

Batteries

Order Code	Type	Capacity	Voltage	Trade Price
BAT20LFP4 (80W)	LiFePO4	4000mAh	6.4V	£33.13
KBAT5200LI3 (150W, 200W)	Li-ion	5200mAh	10.8V	£137.87

Optional Gears

Type	Order Code	Description	Trade Price
Sensor	KBTNLS1-MWS2	Microwave motion sensor (user installed) for ARCB80	£24.20
Sensor	MWS-ZGA	Microwave motion and daylight sensor (user installed) for ARCB150, ARCB200	£41.14

5 5 Years
Standard Warranty

2000V
Surge Protection
(L to GND)



Microwave Sensor
(Mounting height ≤8.5m)
KBTNLS1-MWS2

Arcus-Compact

Compact LED low bay with diffuser

- Slim profile
- Microwave sensor option
- BESA box fitting points

Plug-in corridor sensor

Modular design

Ultra high efficiency

General Specification

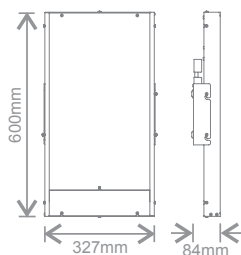
Voltage 220-240Vac
50-60Hz
CRI >80
Life Time 40,000h
Power Factor 0.95
Ambient Temp -20°C to 40°C
Housing Zinc coated sheet steel



Order Code

KMSD100LLBE-W65-WHT
KLBC150D1-W65

Dimensions



Order Code	Power	Beam Angle	CCT	Lumen	Trade Price
KMSD100LLBE	100W	120°	6500K	11500lm	£387.98
KLBC150D1	150W	120°	6500K	19500lm	£425.62

Optional Gear

Type	Order Code	Description	Trade Price
Sensor	KBTNLS1-MWS2	Microwave motion and daylight sensor	£24.20

Plug-in emergency 

Plug-in corridor sensor 

Flicker free 

Modular design 

Ultra high efficiency 

Cumulus

Modular linear LED low bay & architecture flood light

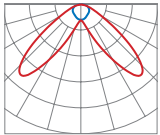
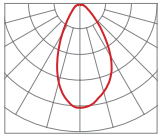
- Modular design with extendable LED lighting module
 - High efficiency upto 160lm/W
 - 1-10V dimmable
- Surface and suspended mounting
- Can be used as exterior architecture flood light
 - IP65 and vandal resistant IK10
 - Flicker free



LED
LUMILEDS

Driver
MW MEANWELL

LED Low bay
Suspended mounting



Architecture flood light
Surface mounting with brackets

5 Years
Standard Warranty

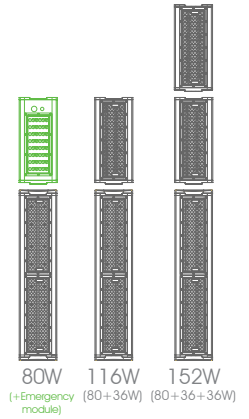
7 Years
Extended Warranty

2000V
Surge Protection
(L to GND)

100-240V
Input voltage



Assembly
with clip-on extensions



General Specification

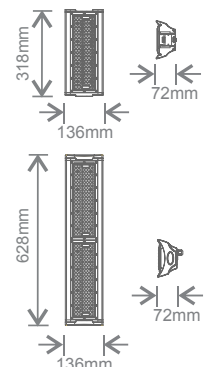
Voltage	100-240Vac
	50-60Hz
CRI	>80
Life Time	40,000h
Power Factor	>0.95
Ambient Temp	-20°C to 40°C
Housing	Aluminium



Order Code

KLBC80L1-W50
KLBC80L1-P50
KLBC36L1-W50
KLBC36L1-P50

Dimensions



Order Code	Type	Power	Beam Angle	CCT	Lumen	Trade Price
KLBC80L1	Main Unit	80W	90° Polarized	5000K	12800lm	£373.88
KLBC36L1	Extension Unit	36W	90° Polarized	5000K	5760lm	£126.29

Optional Gears

Type	Order Code	Description	Trade Price
Sensor*	KPT-KHBNC1-MWS1*	IP65 Microwave motion sensor	£166.81
Emergency Module*	KPT-KLBCL1-EME*	Emergency module extension	£373.00

Accessories

Type	Order Code	Description	Trade Price
Remote Control*	KPT-MWS-CON*	For remotely altering sensor settings or manual override	£53.16
Bracket	KPT-KLBCL1-B1	Tilting surface mount bracket	£24.57

*On site commissioning available upon request

- 5** 5 Years
Standard Warranty
- 7** 7 Years
Extended Warranty
- 4000V**
Surge Protection
(L-to-GND)
- 1-10V**
Dimmable Built-in
- 100-240V**
Input voltage

Recommended



Standard/Self-test
emergency module
High Bay EME ↪ P35



KHBN120C1/DV
KHBN160C1/DV
(with sensor)



KHBN210C1/DV
(with sensor)



Aluminium Shade
with sensor



Remote Control

General Specification

Voltage 100-240Vac
50-60Hz
CRI >80
Life Time 54,000h
Power Factor 0.95
Ambient Temp -25°C to 50°C
Housing Diecast aluminum

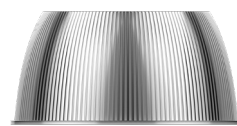


Nimbus III

Premium LED circular high bay with emergency option

- Adjustable beam angle 65°, 90° or 105°
- Water-proof push-wire connector
- IP65 vandal resistant (IK10)
- 1-10V dimmable with emergency option
- High Efficiency up to 160m/W
- Optional remote-control microwave sensor with stand-by dimming and daylight threshold
- Die-cast aluminium body
- Flicker free

- Built-in emergency
- Plug-in corridor sensor
- Flicker free
- 4 YEAR Battery warranty
- Modular design
- Ultra high efficiency



▲ PC Shade
KPT-KHBNC1-S1



▲ PC Shade
KPT-KHBNC1-S4



▲ PC Lid
KPT-KHBNC1-D1



▲ Aluminium Shade
KPT-KHBNC1-S5



▲ Aluminium Shade
KPT-KHBNC1-S2



▲ PC Shade
KPT-KHBNC1-S3

Order Code	Type	Power	Beam Angle*	CCT	Lumen	Trade Price
KHBN120C1/DV	Dimmable	120W	65°	5000K	17500lm	£382.66
			90°/105°		19200lm	
KHBN160C1/DV	Dimmable	160W	65°	5000K	23200lm	£390.15
			90°/105°		25600lm	
KHBN210C1/DV	Dimmable	210W	90°	5000K	33600lm	£595.49

* Variable beam angle by lens rotation (65/90/105°)

Optional Gears

Type	Order Code	Description	Trade Price
Emergency module	EMHB08	8W, Li-ion battery	£264.56
Emergency module	EMHB08/ST	Self-test, 8W, Li-ion battery	£269.67
Sensor	KPT-KHBNC1-MWS1*	IP65 Microwave motion sensor for KHBNC120C1, KHBNC160C1	£166.81
Sensor	KPT-KHBNC1-MWS*	IP65 Microwave motion sensor for KHBNC210C1	£122.29

Accessories

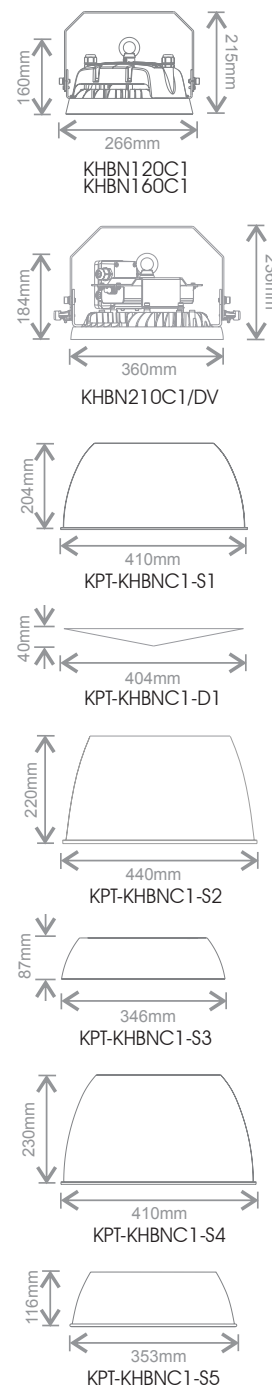
Type	Order Code	Description	Trade Price
Remote Control	KPT-MWS-CON*	For remotely altering sensor settings or manual override	£53.16
Bracket	KPT-KHBNC1-B2	Tilting surface mount bracket for KHBNC210C1, KHBNC200C1, KHBNC240C1	£43.88
Bracket	KPT-KHBNC1-B3	Tilting surface mount bracket for KHBNC120C1, KHBNC160C1	£33.39
PC Shade	KPT-KHBNC1-S1	Translucent shade Ø410x204mm for KHBNC210C1, KHBNC200C1, KHBNC240C1	£121.58
Aluminium Shade	KPT-KHBNC1-S2	Opaque shade Ø440x220mm for KHBNC210C1, KHBNC200C1, KHBNC240C1	£123.50
PC Shade	KPT-KHBNC1-S3	Opal shade Ø346x87mm for KHBNC120C1, KHBNC160C1	£38.61
PC Shade	KPT-KHBNC1-S4	Translucent shade Ø410x230mm for KHBNC120C1, KHBNC160C1	£105.14
Aluminium Shade	KPT-KHBNC1-S5	Opaque shade Ø353x116mm for KHBNC120C1, KHBNC160C1	£41.08
PC Lid	KPT-KHBNC1-D1	Translucent bottom enclosure Ø404x40mm for KPT-KHBNC1-S1, KPT-KHBNC1-S4	£46.52

*On site commissioning available upon request

Order Code

KHBNC120C1/DV-V50
 KHBNC160C1/DV-V50
 KHBNC210C1/DV-W50

Dimensions



- 3** Years
Standard Warranty
- 5** Years
Extended Warranty
- 2000V**
Surge Protection (L to GND)
- 100-240V**
Input voltage

Recommended



Standard/Self-test emergency module
High Bay EME ↗ P35

Echo Pro

NEW Available Feb. 2022

LED circular high bay with PC reflector

- Ultra High Efficiency of 170lm/W
- Diecast aluminum body
- IP65 & Vandal resistant (IK08)
- Push-wire waterproof connector included
- Optional reflectors for all models
- 0-10V dimmable
- Flicker free

- Flicker free
- Ultra high efficiency



General Specification

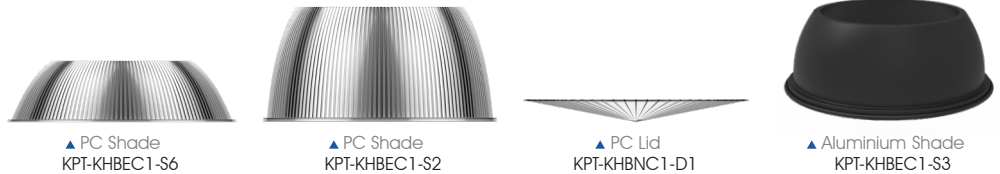
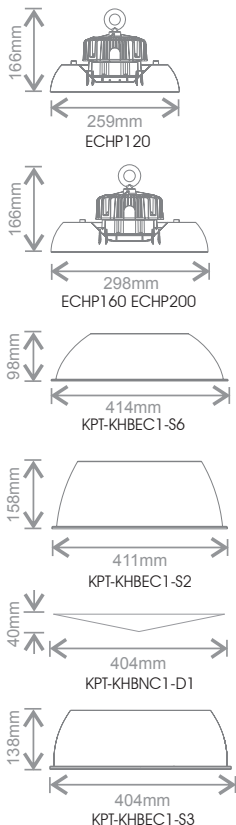
Voltage	100-240Vac 50-60Hz
CRI	> 70
Life Time	40,000h
Power Factor	0.95
Ambient Temp	-20°C to 40°C
Housing	Diecast aluminum



Order Code

ECHP120-W50
ECHP160-W50
ECHP200-W50

Dimensions



Order Code	Power	Beam Angle	CCT	Lumen	Trade Price
ECHP120	120W	90°	5000K	20400lm	£294.29
ECHP160	160W	90°	5000K	27200lm	£391.84
ECHP200	200W	90°	5000K	34000lm	£412.44

Optional Gears

Type	Order Code	Description	Trade Price
Emergency module	EMHB08	8W, Li-ion battery	£264.56
Emergency module	EMHB08/ST	Self-test, 8W, Li-ion battery	£269.67

Accessories

Type	Order Code	Description	Trade Price
PC Shade	KPT-KHBEC1-S6	Translucent shade Ø414x98mm for ECHP120	£43.94
PC Shade	KPT-KHBEC1-S2	Translucent shade Ø411x158mm for ECHP160, ECHP200	£66.37
Aluminium Shade	KPT-KHBEC1-S3	Opaque shade Ø404x138mm for ECHP160, ECHP200	£46.11
PC Lid	KPT-KHBNC1-D1	Translucent bottom enclosure Ø404x40mm for KPT-KHBEC1-S2	£46.52

NEW Echo II

LED circular high bay with PC reflector

Flicker free

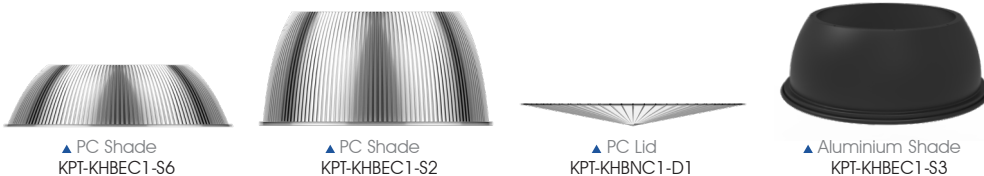
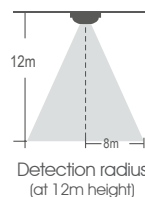


Ultra high efficiency



- High Efficiency of 145lm/W
- Diecast aluminum body
- IP65 & Vandal resistant (IK08)
- Push-wire waterproof connector included
- Optional reflectors for all models
- Flicker free

Detection Range



Order Code	Type	Power	Beam Angle	CCT	Lumen	Trade Price
ECH100	Standard	100W	90°	5000K	14500lm	£239.20
ECH100/S	Sensor	100W	90°	5000K	14500lm	£292.96
ECH150	Standard	150W	90°	5000K	21750lm	£294.92
ECH150/S	Sensor	150W	90°	5000K	21750lm	£348.87
ECH200	Standard	200W	90°	5000K	29000lm	£328.89
ECH200/S	Sensor	200W	90°	5000K	29000lm	£382.55

Optional Gears

Type	Order Code	Description	Trade Price
Emergency module	EMHB08	8W, Li-ion battery	£264.56
Emergency module	EMHB08/ST	Self-test, 8W, Li-ion battery	£269.67

Accessories

Type	Order Code	Description	Trade Price
Remote Control	RMT-ECH	Remote Control for Echo II	£50.87
PC Shade	KPT-KHBEC1-S6	Translucent shade Ø414x98mm for ECH100	£43.94
PC Shade	KPT-KHBEC1-S2	Translucent shade Ø411x158mm for ECH150, ECH200	£66.37
Aluminium Shade	KPT-KHBEC1-S3	Opaque shade Ø404x138mm for ECH150, ECH200	£46.11
PC Lid	KPT-KHBNC1-D1	Translucent bottom enclosure Ø404x40mm for KPT-KHBEC1-S2	£46.52

3 Years Standard Warranty

5 Years Extended Warranty

4000V Surge Protection (L to GND)

100-240V Input voltage

Recommended



Standard/Self-test emergency module
High Bay EME ↪ P35



Remote control

General Specification

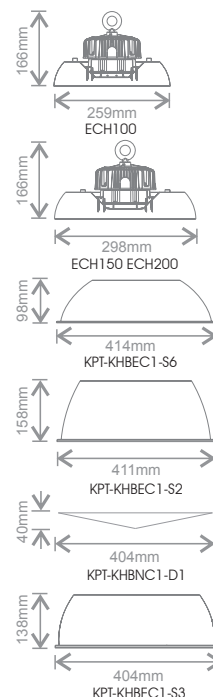
Voltage 100-240Vac
50-60Hz
CRI >70
Life Time 40,000h
Power Factor >0.96
Ambient Temp -20°C to 40°C
Housing Diecast aluminum

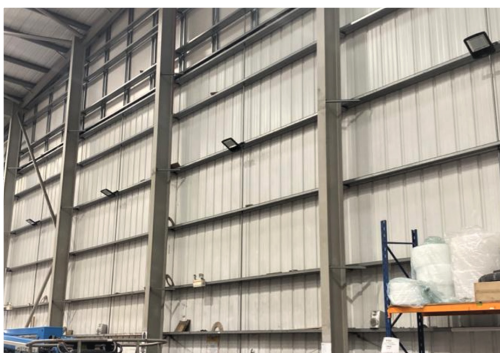
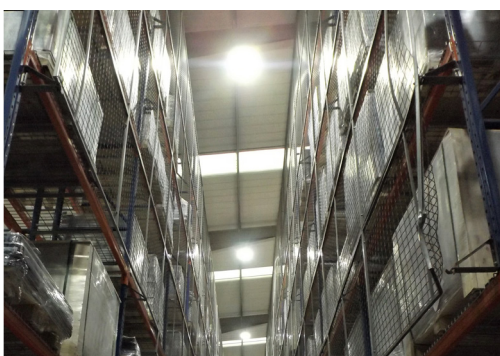


Order Code

ECH100-W50
ECH100-W50/S
ECH150-W50
ECH150-W50/S
ECH200-W50
ECH200-W50/S

Dimensions





Kosnic replaces inefficient traditional Son and Metal Halide gas lamps with the more reliable and modern LED alternative. Improving the light output and reducing energy costs dramatically.

Juratek

Location: Doncaster

Solution: 200W Echo LED circular High Bays and High Power Della Floodlights.

Amenity Exterior Luminaire



Swimly 184



Komi 185



Haldon 186



Epping 187



Daintree 188



Darwin 189



Dalby 190



Ascott 191



Forbury 192



Arden 193



Tarkine Solar 194



Tarkine 195



Levens 196



Vyne 196



Ashdown 197

NEW Available
Mar. 2022

Swimley

Twin GU10 Stainless Steel Up/Down wall light

Built-in motion sensor 

- Grade 304 stainless steel and toughened glass
- Finishing of stainless steel, gray and black models with integrated PIR sensor
- IP44



▲ Lamp not included

5 5 Years
Standard Warranty



General Specification

Voltage	220-240Vac 50-60Hz
Life Time	40,000h
Ambient Temp	-20°C to 40°C
Housing	Stainless steel



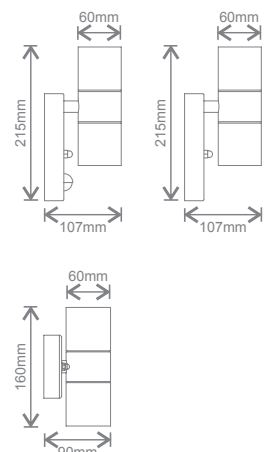
Order Code

SWIR/GU10/S
SWIR/GU10/S-GRY
SWIR/GU10/S-BLK

SWIC/GU10
SWIC/GU10-GRY
SWIC/GU10-BLK

SWIC/GU10/S
SWIC/GU10/S-GRY
SWIC/GU10/S-BLK

Dimensions



Order Code	Type	Max Power	Lamp Holder	Finish	Trade Price
SWIR/S	Sensor	7W LED lamp x 2 (up & down)	GU10	Stainless Steel Grey Black	£77.63
SWIR	Standard	7W LED lamp x 2 (up & down)	GU10	Stainless Steel Grey Black	£57.19
SWIC	Standard	7W LED lamp x 2 (up & down)	GU10	Stainless Steel Grey Black	£49.18

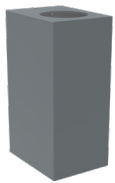
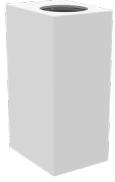
5 5 Years
Standard Warranty

Komi

NEW Available
Mar. 2022

Twin GU10 non-corrosive Up/Down wall light

- Non-corrosive construction with ABS and polycarbonate
- Finishings of white, gray and black
- IP44



General Specification

Voltage 220-240Vac
50-60Hz
Life Time 40,000h
Ambient Temp -20°C to 40°C
Housing ABS+PC

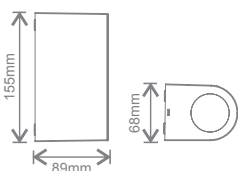
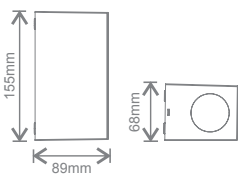


Order Code

KOMR/GU10-WHT
KOMR/GU10-GRY
KOMR/GU10-BLK

KOMC/GU10-WHT
KOMC/GU10-GRY
KOMC/GU10-BLK

Dimensions



▲ Lamp not included

Order Code	Max Power	Lamp Holder	Finish	Trade Price
KOMR	8W LED lamp x 2 (up & down)	GU10	White Grey Black	£26.9
KOMC	8W LED lamp x 2 (up & down)	GU10	White Grey Black	£26.9

Haldon

Outdoor LED wall light

Flicker free



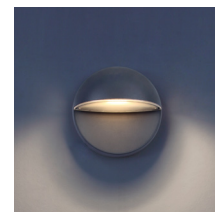
- Die-cast aluminium body with polycarbonate diffuser
- Black and dark grey textured powder coat finishing
- Choices of circular and oval shapes
- Flicker free



5 5 Years
Standard Warranty

7 7 Years
Extended Warranty

1000V
Surge Protection
(L to GND)



General Specification

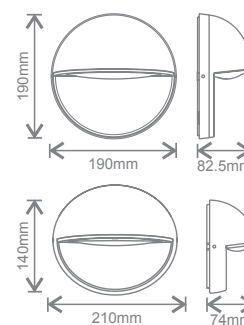
Voltage	220-240Vac 50-60Hz
CRI	>80
Life Time	40,000h
Power Factor	0.55
Ambient Temp	-20°C to 40°C
Housing	Diecast aluminium



Order Code

KWAL109C-BLK
KWAL109C-GRY
KWAL109O-BLK
KWAL109O-GRY

Dimensions



Order Code	Power	Beam Angle	Finish	CCT	Lumen	Trade Price
KWAL109C	9W	53°	Black Grey	4000K	475lm	£61.92
KWAL109O	9W	53°	Black Grey	4000K	475lm	£56.98

5 5 Years
Standard Warranty

7 7 Years
Extended Warranty

1000V
Surge Protection
(L to GND)



Epping

SPEC LINE

LED brick light

- Die-cast aluminium body with polycarbonate front cover
- Polycarbonate back box for easy installation
- Choice of styles and mounting positions
- Black and dark grey textured powder coat finishing

General Specification

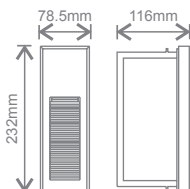
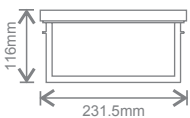
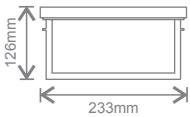
Voltage 220-240Vac
50-60Hz
CRI >80
Life Time 40,000h
Power Factor >0.46
Ambient Temp -20°C to 50°C
Housing Diecast aluminium



Order Code

KBRK112GRD-BLK
KBRK112GRD-GRY
KBRK112STD-BLK
KBRK112STD-GRY
KBRK103VER-BLK
KBRK103VER-GRY

Dimensions



Order Code	Power	Beam Angle	Finish	CCT	Lumen	Trade Price
KBRK112GRD	12W	55°	Black Grey	4000K	210lm	£92.31
KBRK112STD	12W	63°	Black Grey	4000K	320lm	£91.90
KBRK103VER	3W	22°	Black Grey	4000K	140lm	£85.54

NEW Available
Mar. 2022

Daintree

Decorative wall lantern with E27 lamp holder

Built-in motion sensor 

- Diecast aluminum body and polycarbonate lens
- IP44



DAIB-BLK/S ▶

▲ Lamp not included

Order Code	Type	Max Power	Lamp Holder	Finish	Trade Price
DAIB-BLK/S	Sensor	60W	E27	Black	£86.83
DAIB-BLK	Standard	60W	E27	Black	£63.45
DAIT-BLK	Standard	60W	E27	Black	£63.45

5 5 Years
Standard Warranty



DAIB-BLK



DAIT-BLK

General Specification

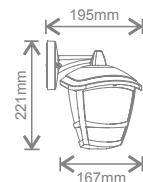
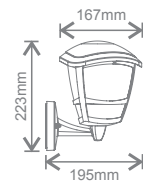
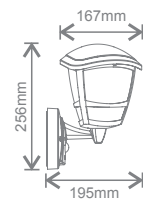
Voltage	220-240Vac 50-60Hz
Life Time	40,000h
Ambient Temp	-20°C to 40°C
Housing	Diecast aluminum+PC



Order Code

DAIB-BLK/S
DAIB-BLK
DAIT-BLK

Dimensions



5 5 Years
Standard Warranty

Darwin

NEW Available
Mar. 2022

Non-corrosive wall lantern with E27 lamp holder

- Non-corrosive construction Polyamide (PA6) and toughened glass
- Standard version allows two mounting positions
- IP44

 Built-in motion sensor



DAR-BLK

One model with 2 mounting positions

General Specification

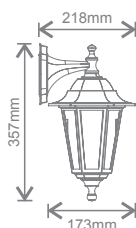
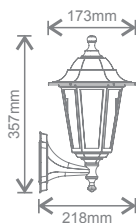
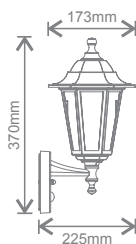
Voltage 220-240Vac
50-60Hz
Life Time 40,000h
Ambient Temp -20°C to 40°C
Housing PA6+Glass



Order Code

DARB-BLK/S
DAR-BLK

Dimensions



DARB-BLK/S ▶



▲ Lamp not included

Order Code	Type	Max Power	Lamp Holder	Finish	Trade Price
DARB-BLK/S	Sensor	60W	E27	Black	£52.92
DAR-BLK	Standard	60W	E27	Black	£38.62

NEW Available
Mar. 2022

Dalby

5 5 Years
Standard Warranty

Decorative wall lantern with E27 lamp holder

- Diecast aluminum body and polycarbonate lens
- IP44



▲ Lamp not included

General Specification

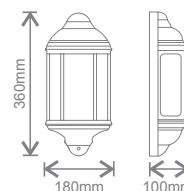
Voltage 220-240Vac
50-60Hz
Life Time 40,000h
Ambient Temp -20°C to 40°C
Housing Diecast
aluminum+PC



Order Code

DAL-BLK

Dimensions



Order Code	Max Power	Lamp Holder	Finish	Trade Price
DAL-BLK	60W	E27	Black	£64.38

5 5 Years
Standard Warranty

7 7 Years
Extended Warranty

1000V
Surge Protection
(L to GND)



KLTN210B



KLTN210T

General Specification

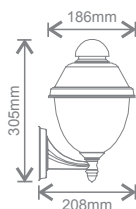
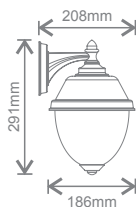
Voltage 220-240Vac
50-60Hz
CRI >80
Life Time 40,000h
Power Factor 0.55
Ambient Temp -20°C to 50°C
Housing Diecast aluminum



Order Code

KLTN210T
KLTN210B
KLTN210B/S

Dimensions



Ascott

Round wall lantern with integrated LED

- Die-cast aluminium body with polycarbonate diffuser
- Option of PIR version
- Flicker free

Built-in motion sensor

Flicker free



Order Code	Type	Power	Beam Angle	Finish	CCT	Lumen	Trade Price
KLTN210T	Standard	10W	90°	Black	4000K	690lm	£113.00
KLTN210B	Standard	10W	90°	Black	4000K	690lm	£109.79
KLTN210B/S	Sensor	10W	90°	Black	4000K	690lm	£168.87

NEW Available
Mar. 2022

Forbury

Aluminium die-cast bollards with integrated LED

- Die-cast aluminium body with polycarbonate diffuser
 - Options of 2 different heights
- Black or dark grey textured powder coat finishing



- 5** 5 Years Standard Warranty
- 7** 7 Years Extended Warranty
- 1000V** Surge Protection (L to GND)



General Specification

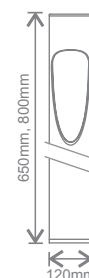
Voltage	220-240Vac 50-60Hz
CRI	>80
Life Time	40,000h
Power Factor	0.50
Ambient Temp	-20°C to 50°C
Housing	Diecast aluminium



Order Code

FOR11M-BLK
FOR11M-GRY
FOR15T-BLK
FOR15T-GRY

Dimensions



Order Code	Power	Height	Beam Angle	Finish	CCT	Lumen	Trade Price
FOR11M	11W	650mm	90°	Black Grey	4000K	340lm	£283.66
FOR15T	15W	800mm	90°	Black Grey	4000K	530lm	£294.49

5 5 Years
Standard Warranty

7 7 Years
Extended Warranty

1000V
Surge Protection
(L to GND)

Arden

Aluminium die-cast bollards with integrated LED

- Die-cast aluminium body with polycarbonate diffuser
- Internal stainless steel reflector
- Options of various heights
- Black or dark grey textured powder coat finishing



Ø160mm



Root mount
KBLD320T



Flange mount
KBLD210M, KBLD210T

General Specification

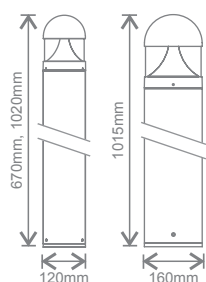
Voltage 220-240Vac
50-60Hz
CRI >80
Life Time 40,000h
Power Factor 0.50
Ambient Temp -20°C to 50°C
Housing Diecast aluminium



Order Code

KBLD210M-BLK
KBLD210M-GRY
KBLD210T-BLK
KBLD210T-GRY
KBLD320T-BLK
KBLD320T-GRY

Dimensions



Ø120mm

Order Code	Power	Height	Beam Angle	Finish	CCT	Lumen	Trade Price
KBLD210M	10W	670mm	90°	Black Grey	4000K	780lm	£177.94
KBLD210T	10W	1020mm	90°	Black Grey	4000K	780lm	£229.36
KBLD320T	20W	1015mm	90°	Black Grey	4000K	1100lm	£414.73

NEW Available
Mar. 2022

Tarkine Solar

Solar powered aluminium diecast bollards with integrated LED

Built-in motion sensor 

Battery warranty  **4** YEAR

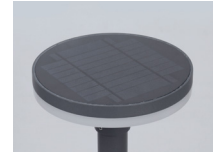
- Integrated high output Polycrystalline silicon solar panel
 - Built-in PIR and daylight sensor
- Multiple operation mode with different light level setting
 - Die-cast aluminium body with polycarbonate diffuser
 - Options of various heights
 - Black or dark grey textured powder coat finishing



5 **5 Years**
Standard Warranty

7 **7 Years**
Extended Warranty

1000V
Surge Protection
(L to GND)



General Specification

CRI	>80
Life Time	25,000h
Power Factor	1.0
Ambient Temp	-10°C to 40°C
Housing	Diecast aluminium
Solar panel	Monocrystalline
Operation Time	8h
Battery Voltage	3.2V



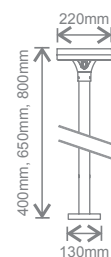
Order Code

TARS-S-BLK
TARS-S-GRY

TARS-M-BLK
TARS-M-GRY

TARS-T-BLK
TARS-T-GRY

Dimensions

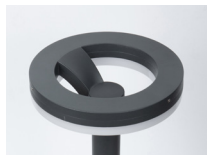


Order Code	Lumen	Height	Finish	CCT	Battery Capacity	Trade Price
TARS-S	250lm	400mm	Black Grey	4000K	8000mAh	£221.07
TARS-M	250lm	650mm	Black Grey	4000K	8000mAh	£251.13
TARS-T	250lm	800mm	Black Grey	4000K	8000mAh	£266.94

5 5 Years
Standard Warranty

7 7 Years
Extended Warranty

1000V
Surge Protection
(L to GND)



General Specification

Voltage 110-240Vac
50-60Hz
CRI >80
Life Time 40,000h
Power Factor 0.95
Ambient Temp -20°C to 50°C
Housing Diecast aluminum



Order Code

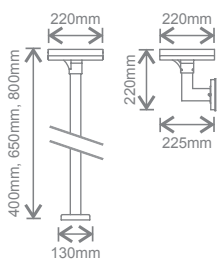
TAR10S-BLK
TAR10S-GRY

TAR10M-BLK
TAR10M-GRY

TAR10T-BLK
TAR10T-GRY

TAR10W-BLK
TAR10W-GRY

Dimensions



Tarkine

NEW Available
Mar. 2022

Modern aluminium diecast bollards with integrated LED

- Die-cast aluminium body with polycarbonate diffuser
- Options of various heights
- Black or dark grey textured powder coat finishing



Bollard light

Order Code	Power	Height	Finish	CCT	Lumen	Trade Price
TAR10S	10W	400mm	Black Grey	4000K	350lm	£206.51
TAR10M	10W	650mm	Black Grey	4000K	350lm	£219.45
TAR10T	10W	800mm	Black Grey	4000K	350lm	£236.69

Wall light

Order Code	Power	Finish	CCT	Lumen	Trade Price
TAR10W	10W	Black Grey	4000K	350lm	£211.40

Levens

LED Inground uplight

- Stainless steel front bezel
- Powder coated die-cast aluminium body
- Static load >2000kg, suitable for vehicular and pedestrian traffic
- Integral driver, LED and optic lens
- Pre-wired with 0.5 metre of rubber insulated cable
- Plastic housing is provided for easy installation



Order Code	Power	Beam Angle	Finish	CCT	Lumen	Trade Price
KIGL103-B50	3W	90°	Black	5000K	140lm	£117.49

- 5** 5 Years Standard Warranty
- 7** 7 Years Extended Warranty
- 1000V** Surge Protection (L to GND)

General Specification

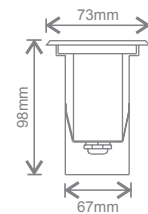
Voltage	220-240Vac 50-60Hz
CRI	> 80
Life Time	40,000h
Power Factor	0.45
Ambient Temp	-20°C to 50°C
Housing	Diecast aluminium



Order Code

KIGL103-B50

Dimensions



Vyne

Inground uplight for LED GU10 lamps

- Stainless steel front bezel
- Powder coated die-cast aluminium body
- Static load >2000kg, suitable for vehicular and pedestrian traffic
- GU10 Lamp holder
- Pre-wired with 0.5 metre of rubber insulated cable
- Plastic housing is provided for easy installation



◀ Lamp not included

Order Code	Max Power	Lamp Holder	Finish	Trade Price
KIGL2GU10	35W	GU10	Black	£36.32

- 5** 5 Years Standard Warranty

General Specification

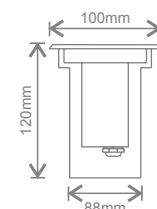
Voltage	220-240Vac 50-60Hz
Life Time	40,000h
Ambient Temp	-20°C to 50°C
Housing	Diecast aluminium



Order Code

KIGL2GU10

Dimensions



5 5 Years
Standard Warranty

Ashdown

Surface/spike spot light for LED GU10 Lamp

- Die-cast aluminium body with polycarbonate diffuser
- Option of surface mount kit
- Popular GU10 lamp holder



General Specification

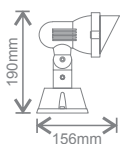
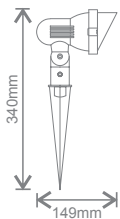
Voltage 220-240Vac
50-60Hz
Life Time 40,000h
Ambient Temp -20°C to 50°C
Housing Diecast aluminum



Order Code

KSPK1GU10-BLK
KSPK1GU10-GRY
KPTSPK1-SUR-BLK
KPTSPK1-SUR-GRY

Dimensions



Order Code	Max Power	Lamp Holder	Finish	Trade Price
KSPK1GU10	35W	GU10	Black Grey	£42.98

Accessory

Type	Order Code	Description	Trade Price
Base	KPTSPK1-SUR	Surface mounting base	£24.77

Retail & Display



Avalon

202



Maly

208



Tatio

212



Tatio-R

213



Azure

214

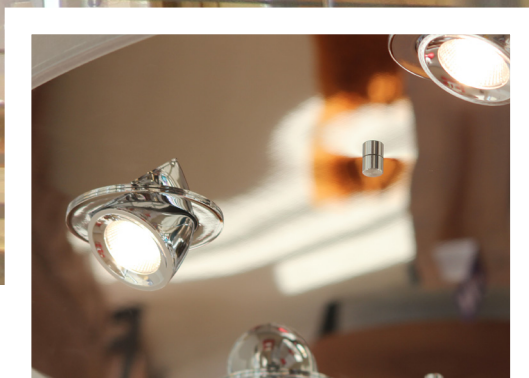


Aloba

215



With stores open 7 days a week throughout the year, high quality, long lasting products were key to this project. The lighting needed to highlight the products on sale, whilst creating a warm and inviting ambiance.



DFS nationwide Case Study

Location: Nationwide

Solution: 15w circular Tatio wall washer, 34w Maly retail downlight and housing, 24w Aloba track light and 3w emergency Nitro recessed downlight



SPEC LINE

Avalon

Modular system of LED retail downlight

Modular design 

- Enhanced glare control
- Variety of reflector inserts
- Modular design of LED engine and housings
 - High performance CREE COB LED
 - Negligible UV, ideal for retail application

LED
bridgelux
Driver
TRIDONIC



5 5 Years
Standard Warranty

7 7 Years
Extended Warranty

500V
Surge Protection

Recommended



Neka P48

General Specification

Voltage	220-240Vac 50-60Hz
CRI	>90
Life Time	40,000h
Power Factor	>0.55
Ambient Temp	-20°C to 50°C
Housing	Diecast aluminum

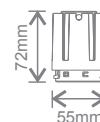
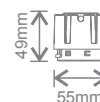


Order Code

KRDL1001M09-B50
KRDL1001M09-S50

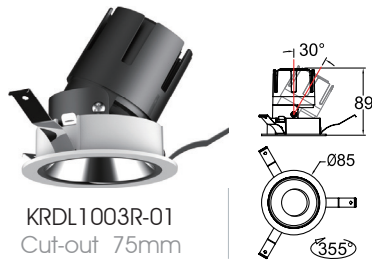
KRDL1002M15-B50
KRDL1002M15-S50

Dimensions

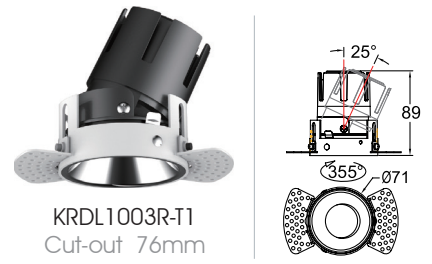


Order Code	Power	Beam Angle	CCT	Lumen	Trade Price
KRDL1001M09	9W	15° 38°	5000K	900lm	£52.18

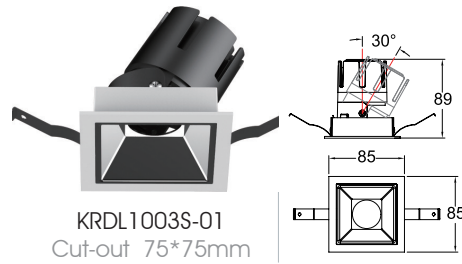
Order Code	Power	Beam Angle	CCT	Lumen	Trade Price
KRDL1002M15	15W	15° 38°	5000K	1450lm	£65.35



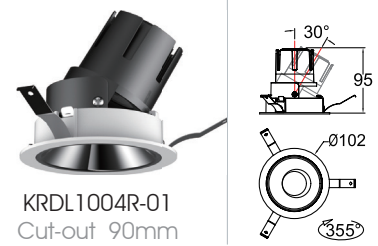
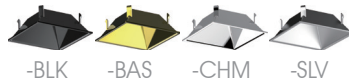
KRDL1003R-01
Cut-out 75mm



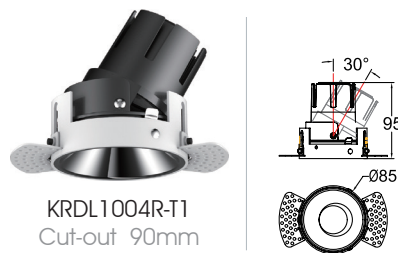
KRDL1003R-T1
Cut-out 76mm



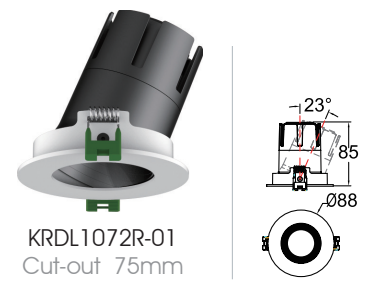
KRDL1003S-01
Cut-out 75*75mm



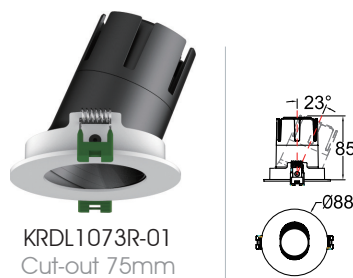
KRDL1004R-01
Cut-out 90mm



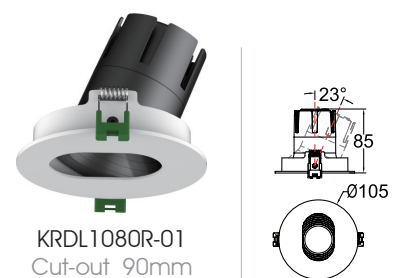
KRDL1004R-T1
Cut-out 90mm



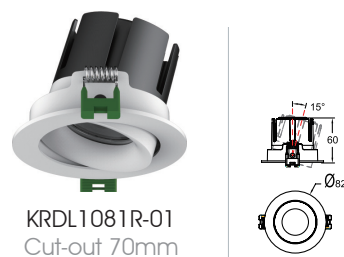
KRDL1072R-01
Cut-out 75mm



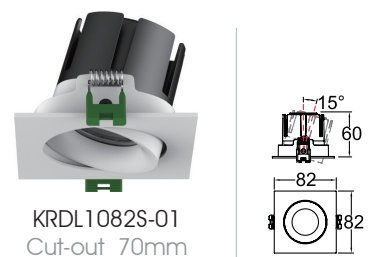
KRDL1073R-01
Cut-out 75mm



KRDL1080R-01
Cut-out 90mm



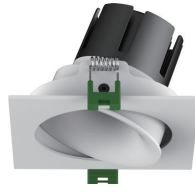
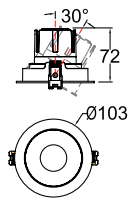
KRDL1081R-01
Cut-out 70mm



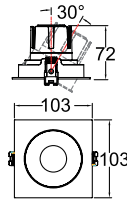
KRDL1082S-01
Cut-out 70mm



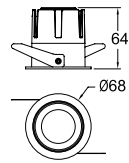
KRDL1083R-01
Cut-out 90mm



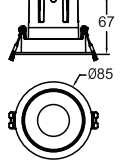
KRDL1084S-01
Cut-out 90mm



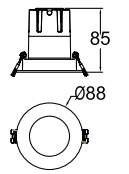
KRDL1011R-01
Cut-out 60mm



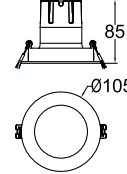
KRDL1012R-01
Cut-out 75mm



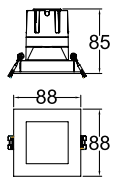
KRDL1071R-03
Cut-out 75mm



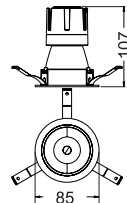
KRDL1079R-03
Cut-out 90mm



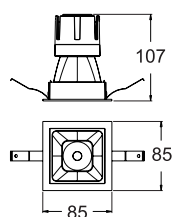
KRDL1071S-01
Cut-out 75x75mm



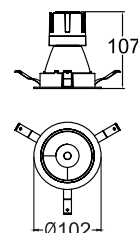
KRDL1207R-01
Cut-out 75mm



KRDL1207S-01
Cut-out 75x75mm

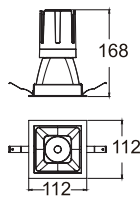
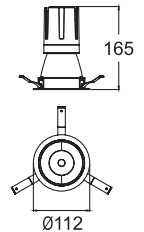
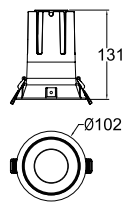
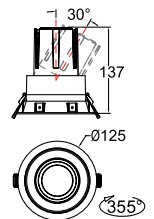
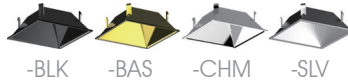
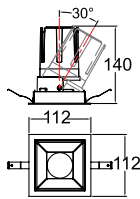
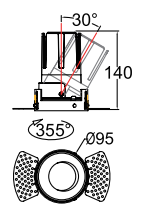
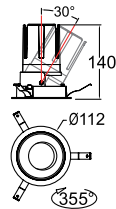


KRDL1208R-01
Cut-out 90mm





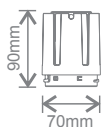
Order Code	Power	Beam Angle	CCT	Lumen	Trade Price
KRDL1003M24	24W	15° 38°	5000K	2300lm	£96.07



Order Code

KRDL1003M24-B50
KRDL1003M24-S50

Dimensions

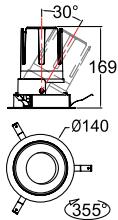




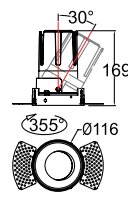
Order Code	Power	Beam Angle	CCT	Lumen	Trade Price
KRDL1004M33	33W	15° 38°	5000K	3200lm	£125.25



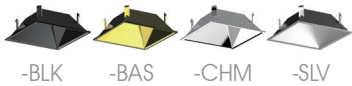
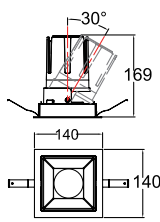
KRDL1007R-01
Cut-out 125mm



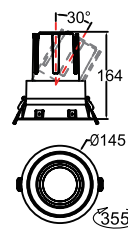
KRDL1007R-T1
Cut-out 122mm



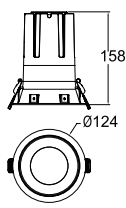
KRDL1007S-01
Cut-out 125x125mm



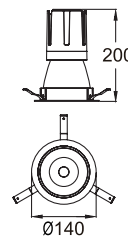
KRDL1043R-01
Cut-out 130mm



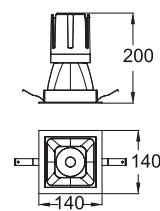
KRDL1033R-01
Cut-out 110mm



KRDL1210R-01
Cut-out 125mm



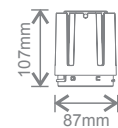
KRDL1210S-01
Cut-out 125x125mm



Order Code

KRDL1004M33-B50
KRDL1004M33-S50

Dimensions

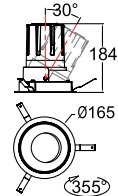




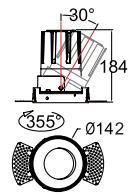
Order Code	Power	Beam Angle	CCT	Lumen	Trade Price
KRDL1005M42	42W	15° 38°	5000K	3800lm	£155.46



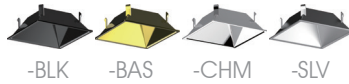
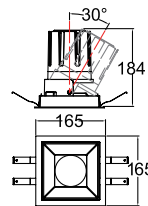
KRDL1008R-01
Cut-out 150mm



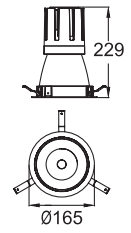
KRDL1008R-T1
Cut-out 148mm



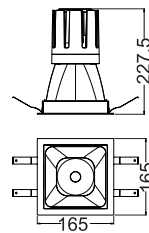
KRDL1008S-01
Cut-out 150x150mm



KRDL1211R-01
Cut-out 150mm



KRDL1211S-01
Cut-out 150x150mm



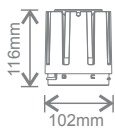
Optional Gear

Type	Order Code	Description	Trade Price
Emergency kit	EMPAD01	Universal Non-maintained emergency kit	£39.49

Order Code

KRDL1005M42-B50
KRDL1005M42-S50

Dimensions



SPEC LINE

Maly

Modular system of LED retail downlights

Modular design



- Modular design of LED engine and housings
- High performance CREE COB LED
- Negligible UV, ideal for retail application

LED
CREE
Driver
TRIDONIC



5 5 Years
Standard Warranty

7 7 Years
Extended Warranty

500V
Surge Protection

New Optional Gear



Standard/Self-test
universal emergency module
UEM P31

General Specification

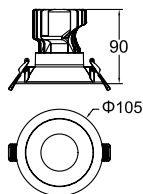
Voltage 220-240Vac
50-60Hz
CRI >80
Life Time 40,000h
Power Factor >0.95
Ambient Temp -20°C to 50°C
Housing Diecast aluminum



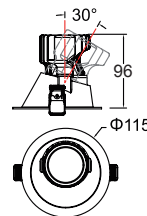
Order Code	Power	Beam Angle	CCT	Lumen	Trade Price
KRDL605M15	15W	15° 38°	5000K	1350lm	£53.85



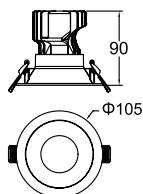
KRDL615HW
Cut-out 90mm



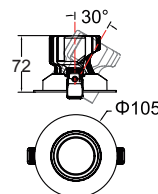
KRDL635HW
Cut-out 100mm



KRDL615-BHS
Cut-out 90mm



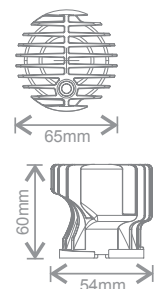
KRDL642HW
Cut-out 90mm



Order Code

KRDL605M15-B50
KRDL605M15-S50

Dimensions

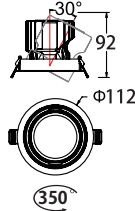




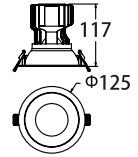
Order Code	Power	Beam Angle	CCT	Lumen	Trade Price
KRDL606M24	24W	15° 38°	4000K 5000K	2400lm	£82.42



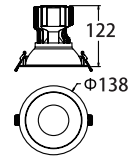
KRDL606HW
Cut-out 100mm



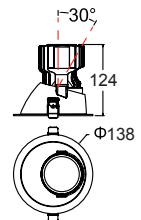
KRDL616HW
Cut-out 115mm



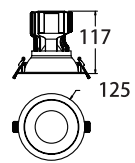
KRDL626HW
Cut-out 125mm



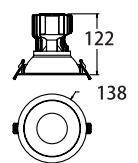
KRDL636HW
Cut-out 125mm



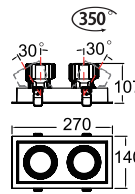
KRDL616-BHS
Cut-out 115mm



KRDL626-BHS
Cut-out 125mm



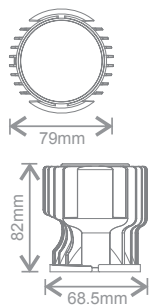
KRDL646-2HW
Cut-out 255x125mm



Order Code

- KRDL606M24-B40
- KRDL606M24-S40
- KRDL606M24-B50
- KRDL606M24-S50

Dimensions

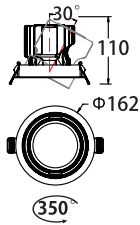




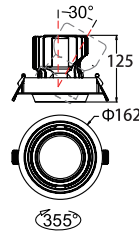
Order Code	Power	Beam Angle	CCT	Lumen	Trade Price
KRDL607M34	34W	15° 40°	4000K 5000K	3200lm	£103.19



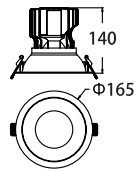
KRDL607-1HW
Cut-out 150mm



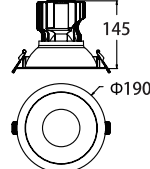
KRDL607-2HW
Cut-out 150mm



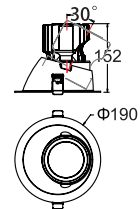
KRDL617HW
Cut-out 150mm



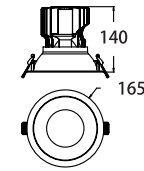
KRDL627HW
Cut-out 170mm



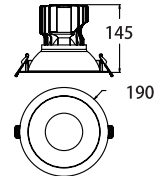
KRDL637HW
Cut-out 170mm



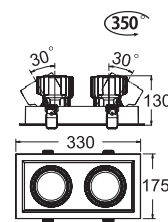
KRDL617-BHS
Cut-out 150mm



KRDL627-BHS
Cut-out 170mm



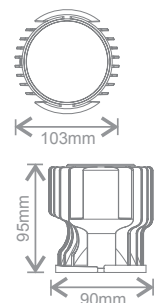
KRDL647-2HW
Cut-out 315x160mm



Order Code

- KRDL607M34-B40
- KRDL607M34-S40
- KRDL607M34-B50
- KRDL607M34-S50

Dimensions

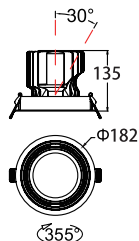




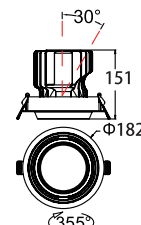
Order Code	Power	Beam Angle	CCT	Lumen	Trade Price
KRDL608M40	40W	20° 40°	4000K 5000K	4100lm	£195.17



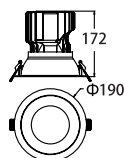
KRDL608-1HW
Cut-out 170mm



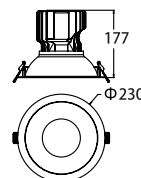
KRDL608-2HW
Cut-out 170mm



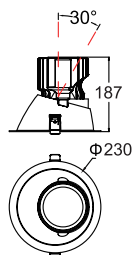
KRDL618HW
Cut-out 170mm



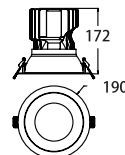
KRDL628HW
Cut-out 210mm



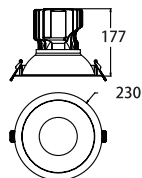
KRDL638HW
Cut-out 210mm



KRDL618-BHS
Cut-out 170mm



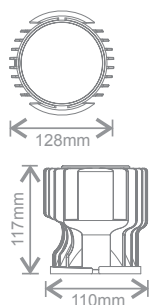
KRDL628-BHS
Cut-out 210mm



Order Code

- KRDL608M40-B40
- KRDL608M40-S40
- KRDL608M40-B50
- KRDL608M40-S50

Dimensions



Tatio

Circular LED wall washer

- High performance CREE COB LED
- Negligible UV, ideal for retail application

LED
CREE
Driver
TRIDONIC



Chrome
KWWDL15-S30-CHM



Silver
KWWDL15-S30-SLV

Order Code	Power	Beam Angle	Finish	Cut-out	CCT	Lumen	Trade Price
KWWDL09	9W	15° 38°	White	82mm	3000K 5000K	1020lm	£69.15
KWWDL15	15W	16° 36°	White	90mm	3000K 5000K	1250lm	£89.82
KWWDL15	15W	36°	Chrome*	92mm	3000K 5000K	1250lm	£113.95
KWWDL15	15W	36°	Silver*	92mm	3000K 5000K	1250lm	£107.41
KWWDL24	24W	15° 38°	White	145mm	3000K 5000K	2400lm	£134.98
KWWDL34	34W	15° 40°	White	170mm	3000K 5000K	3200lm	£171.49

* Chrome & Silver factory order only

Optional Gear

Type	Order Code	Description	Trade Price
Emergency kit	EMPAD01	Universal Non-maintained emergency kit	£39.49

- 5** 5 Years Standard Warranty
- 7** 7 Years Extended Warranty
- 500V** Surge Protection
- 82/90/92/145/170mm** Cut-out

General Specification

Voltage	220-240Vac 50-60Hz
CRI	>80
Life Time	40,000h
Power Factor	>0.95
Ambient Temp	-20°C to 50°C
Housing	Diecast aluminum



Order Code

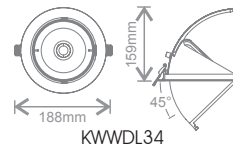
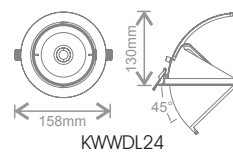
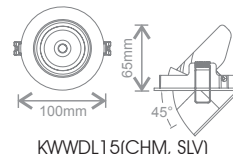
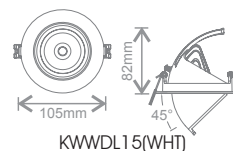
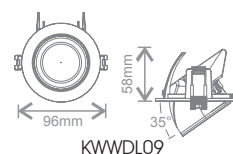
KWWDL09-B30
KWWDL09-B50
KWWDL09-S30
KWWDL09-S50

KWWDL15-B30-WHT
KWWDL15-B50-WHT
KWWDL15-S30-WHT
KWWDL15-S30-CHM
KWWDL15-S30-SLV
KWWDL15-S50-WHT
KWWDL15-S50-CHM
KWWDL15-S50-SLV

KWWDL24-B30
KWWDL24-B50
KWWDL24-S30
KWWDL24-S50

KWWDL34-B30
KWWDL34-B50
KWWDL34-S30
KWWDL34-S50

Dimensions



5 5 Years
Standard Warranty**7** 7 Years
Extended Warranty**1000V**
Surge Protection**220x130mm**
Cut-out

Tatio-R

Rectangular LED wall washer

- High performance COB LED
- Negligible UV, ideal for retail application
- Wide beam angle of 110°

Recommended



General Specification

Voltage 220-240Vac
50-60Hz
CRI >80
Life Time 40,000h
Power Factor >0.95
Ambient Temp -20°C to 40°C
Housing Diecast aluminum

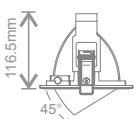
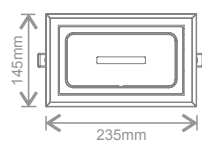


Order Code

KWWDL25Q-W30
KWWDL25Q-W40
KWWDL25Q-W65

KWWDL35Q-W30
KWWDL35Q-W40
KWWDL35Q-W65

Dimensions



Order Code	Power	Beam Angle	Cut-out	CCT	Lumen	Trade Price
KWWDL25Q	25W	110°	220x130mm	3000K*	2400lm	£162.73
				4000K	2400lm	
				6000K*	3200lm	
KWWDL35Q	35W	110°	220x130mm	3000K*	3200lm	£171.36
				4000K		
				6000K*		

* 3000K & 6000K factory order only

Optional Gear

Type	Order Code	Description	Trade Price
Emergency kit	EMPAD01	Universal Non-maintained emergency kit	£39.49

SPEC LINE

Azure

Modern style LED track spotlight

- Popular global/unipro track
- Negligible UV, ideal for retail application
- Options of narrow and wide beam angles with different colour temperature
- Black & white finishing



LED
CREE ⇄

3-Circuit
GLOBAL / UNIPRO Trac

Order Code	Power	Finish	Beam Angle	CCT	Lumen	Trade Price
KTDL12CI1	12W	White Black	15°	3000K	1050lm	£91.42
			38°	4000K		
				5000K		
KTDL20CI1	20W	White Black	15°	3000K	1750lm	£139.76
			38°	4000K		
				5000K		
KTDL30CI1	30W	White Black	15°	3000K	2700lm	£168.06
			38°	4000K		
				5000K		
KTDL33CI1	33W	White Black	15°	3000K	2900lm	£175.38
			38°	4000K		
				5000K		

5 5 Years
Standard Warranty

7 7 Years
Extended Warranty

1000V
Surge Protection
(L to GND)



General Specification

Voltage	220-240Vac 50-60Hz
CRI	>90
Life Time	40,000h
Power Factor	>0.52 (12W) >0.95 (20W, 30W, 33W)
Ambient Temp	-20°C to 50°C
Housing	Diecast aluminum



Order Code

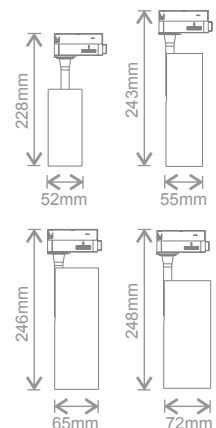
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KTDL12CI1-S30-WHT KTDL12CI1-S30-BLK
KTDL12CI1-S40-WHT KTDL12CI1-S40-BLK
KTDL12CI1-S50-WHT KTDL12CI1-S50-BLK

KTDL20CI1-B30-WHT KTDL20CI1-B30-BLK
KTDL20CI1-B40-WHT KTDL20CI1-B40-BLK
KTDL20CI1-B50-WHT KTDL20CI1-B50-BLK
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KTDL20CI1-S40-WHT KTDL20CI1-S40-BLK
KTDL20CI1-S50-WHT KTDL20CI1-S50-BLK

KTDL30CI1-B30-WHT KTDL30CI1-B30-BLK
KTDL30CI1-B40-WHT KTDL30CI1-B40-BLK
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KTDL30CI1-S30-WHT KTDL30CI1-S30-BLK
KTDL30CI1-S40-WHT KTDL30CI1-S40-BLK
KTDL30CI1-S50-WHT KTDL30CI1-S50-BLK

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KTDL33CI1-B50-WHT KTDL33CI1-B50-BLK
KTDL33CI1-S30-WHT KTDL33CI1-S30-BLK
KTDL33CI1-S40-WHT KTDL33CI1-S40-BLK
KTDL33CI1-S50-WHT KTDL33CI1-S50-BLK

Dimensions



5 5 Years
Standard Warranty**7** 7 Years
Extended Warranty**2000V**
Surge Protection
(L to GND)

Aloba

LED Track light

- Popular global/unipro track
- Negligible UV, ideal for retail application
- Options of narrow and wide beam angles
- Black & white finishes

General Specification

Voltage 220-240Vac
50-60Hz
CRI >80
Life Time 40,000h
Power Factor >0.95
Ambient Temp -20°C to 50°C
Housing Diecast aluminum



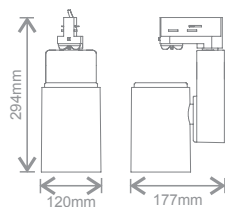
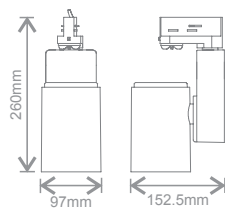
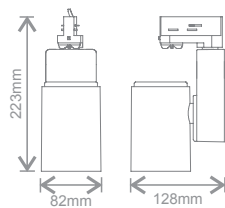
Order Code

KTDL24GL-B30
KTDL24GL-B40
KTDL24GL-B50
KTDL24GL-S30
KTDL24GL-S40
KTDL24GL-S50

KTDL34GL-B30
KTDL34GL-B40
KTDL34GL-B50
KTDL34GL-S30
KTDL34GL-S40
KTDL34GL-S50

KTDL50GL-B30
KTDL50GL-B40
KTDL50GL-B50
KTDL50GL-S30
KTDL50GL-S40
KTDL50GL-S50

Dimensions



LED
CREE ⇄
Driver
TRIDONIC

3-Circuit
GLOBAL / UNIPRO Trac

Order Code	Power	Beam Angle	CCT	Lumen	Trade Price
KTDL24GL	24W	15° 38°	3000K	2400lm	£138.58
			4000K		
			5000K		
KTDL34GL	34W	15° 40°	3000K	3200lm	£162.76
			4000K		
			5000K		
KTDL50GL	50W	20° 40°	3000K	4100lm	£223.25
			4000K		
			5000K		

unipro[®] Please refer to Page 299 - 306 for order information of Unipro Trac and accessories

12
Worklight



Pocket Light 218



Penlight 218



Cube 219



Beacon 221

Pocket Light

3W rechargeable LED portable pocket work light

- USB charging lead (charger not supplied)
 - Charging indicator
 - High and low output modes
- Integrated magnetic stand and suspension hook
- High impact ABS housing (IK07)



Order Code	Power	Battery	Battery Capacity	Beam Angle	CCT	Lumen	Trade Price
KPWL03POC54	3W	Lithium-Ion	1500mAh	90° x 110°	6500K	300lm (high) 110lm (low)	£58.47

Time for Continuous Usage

Order Code	Max Wattage	High Light Output	Low Light Output
KPWL03POC54	3W	3 hours	8 hours

3 3 Years Standard Warranty

General Specification

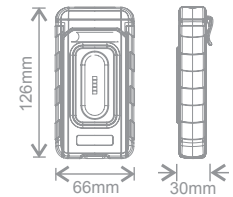
Voltage	3.7Vdc
CRI	81
Life Time	40,000h
Ambient Temp	-10°C to 40°C
Housing	ABS, PC



Order Code

KPWL03POC54

Dimensions



Penlight

1.5W rechargeable LED pen shaped light

- USB charging lead (charger not supplied)
 - Charging indicator
 - Main side light or torch beam
- Pocket clip with integrated magnet
- High impact ABS housing (IK07)

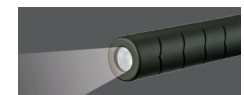


Order Code	Power	Battery	Battery Capacity	Beam Angle	CCT	Lumen	Trade Price
KPWL1.5PEN	1.5W	Lithium-Ion	750mAh	120° (main) 15° (torch)	6500K	120lm (main) 80lm (torch)	£37.85

Time for Continuous Usage

Order Code	Max Wattage	High Light Output	Low Light Output
KPWL1.5PEN	1.5W	3.5 hours	4.5 hours

3 3 Years Standard Warranty



General Specification

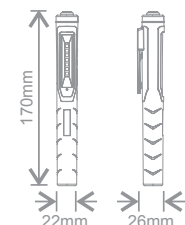
Voltage	4.2Vdc
CRI	81
Life Time	40,000h
Ambient Temp	-10°C to 40°C
Housing	ABS, PC



Order Code

KPWL1.5PEN

Dimensions



3 3 Years
Standard Warranty

Cube

(10W, 30W)

Rechargeable portable LED work light

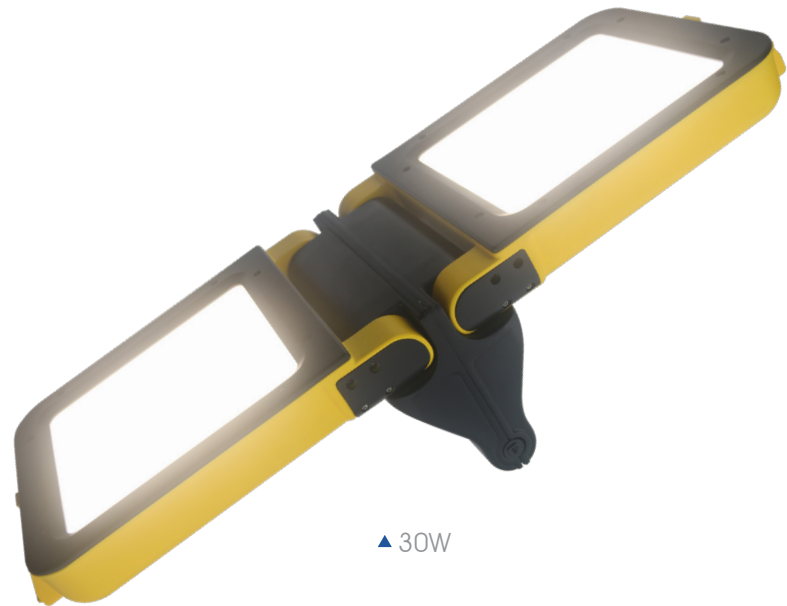
- Portable
- Li-ion rechargeable battery
- Up to 10 hours operation
- Three light output levels
- Optional telescopic metal stand
- Class III, IP65



▲ 10W



Iron Stand
KPWL-STAND



▲ 30W

General Specification

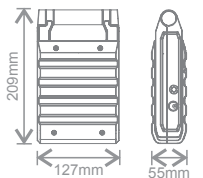
Charger	
Voltage	100-240Vac 50-60Hz
CRI	>80
Life Time	40,000h
Ambient Temp	-10°C to 40°C
Housing	Diecast aluminum, ABS, PC



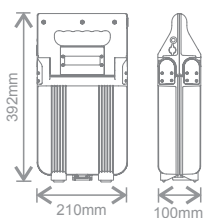
Order Code

KPWLLS10Q165-W60
KPWLLS30Q165-W50

Dimensions



KPWLLS10Q165-W60



KPWLLS30Q165-W50

Order Code	Power	Battery	Battery Capacity	Beam Angle	CCT	Lumen	Trade Price
KPWLLS10Q165	10W	Li-ion	4400mAh	120°	6000K	1100lm	£132.64
KPWLLS30Q165	30W	Li-ion	8800mAh	105°	5000K	2300lm	£220.82

Time for Continuous Usage

Order Code	Max Wattage	Full Light Output	30% Light Output
KPWLLS10Q165	10W	3.5 hours	10 hours
KPWLLS30Q165	30W	2.5 hours	9 hours

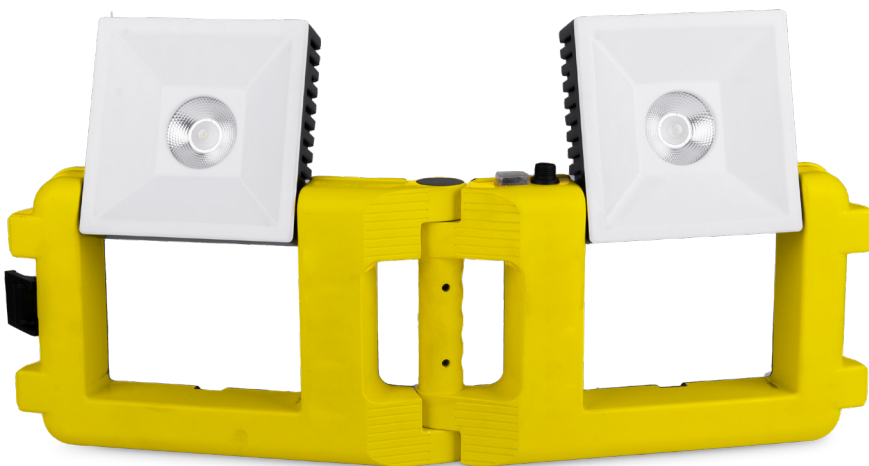
Accessories

Type	Order Code	Description	Trade Price
Car charger	KPWL-CARCHARGER	DC car charger for work light	£8.92
Metal Stand	KPWL-STAND	Site Lamp Stand, for 30w & 60w	£68.45

Cube (60W)

High Power portable LED work light

- High 4800 lumen COB output
 - Class I, IP44
 - Portable
- Diecast aluminium, ABS and PC housing
- Optional telescopic metal stand
 - Three light output levels



3 3 Years
Standard Warranty

⚡ 3000V
Surge Protection
(L to GND)

110 110V
Input voltage



Folded



110V Plug



Iron Stand
KPWL-STAND

General Specification

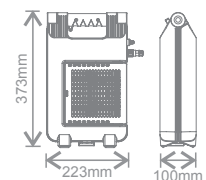
Voltage	100-110Vac 50-60Hz
CRI	>80
Life Time	30,000h
Power Factor	0.97
Ambient Temp	0°C to 45°C
Housing	Diecast aluminum, ABS, PC



Order Code

KPWL60Q44-W65

Dimensions



Order Code	Power	Beam Angle	CCT	Lumen	Trade Price
KPWL60Q44	60W	120°	6500K	4800lm	£294.81

Accessory

Type	Order Code	Description	Trade Price
Metal Stand	KPWL-STAND	Site Lamp Stand, for 30w & 60w	£68.45

3 3 Years
Standard Warranty

5 5 Years
Extended Warranty

2000V
Surge Protection

110 110V
Input voltage



Folded



110V Plug

General Specification

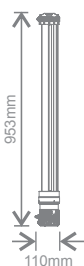
Voltage 100-110Vac
50-60Hz
CRI 84
Life Time 30,000h
Power Factor 0.99
Ambient Temp 0°C to 45°C
Housing Diecast aluminum, ABS, PC



Order Code

KPWL55L54-W65

Dimensions



Beacon

Tubular high power portable LED work light

- Ultra-wide beam angle offering good light coverage
- Class I, IP44
- Portable
- Diecast aluminium, ABS and PC housing
- Optional telescopic metal stand



Order Code	Power	Beam Angle	CCT	Lumen	Trade Price
KPWL55L54	55W	120°	6500K	4800lm	£227.02

13
Pendant & Shade



Zinnia 224



Tulip 225



Aster 226



Calla 227

Zinnia

Bowl-shaped shade available in black, white and clear

- Classic design with premium finishing
- E27 Bronze cable set included
- Braided adjustable cable



▲ Lamps not included

Recommended lamps



4W
Coated Globe(100)
Dimmable/Non-dimmable



4W
Coated Globe(125)
Dimmable/Non-dimmable



2W, 4W
Coated ST64
Dimmable/Non-dimmable

↪ P252

General Specification

Voltage 220-240Vac
50-60Hz

Cable Length 1.1m (max)
Connection Terminal block



Type	Order Code	Power	Shade Size	Lampholder	Trade Price
Black Bowl	KPDT1E27-BLK	60W	Ø 290mm x 230mm	E27	£75.98
White Bowl	KPDT1E27-WHT	60W	Ø 290mm x 230mm	E27	£75.98
Clear Bow	KPDT1E27-CLR	60W	Ø 280mm x 240mm	E27	£90.93

Order Code

KPDT1E27-BLK
KPDT1E27-WHT
KPDT1E27-CLR

Recommended lamps



5W
Coated Globe(100)
Dimmable



5W
Coated Globe(125)
Dimmable



5W
Coated ST64
Dimmable

↪ P252

General Specification

Voltage 220-240Vac
50-60Hz
Cable Length 1.1m (max)
Connection Terminal block



Tulip

Cone shaped shade

- Classic design with premium finishing
- E27 bronze cable set included
- Braided adjustable cable



▲ Lamps not included

Order Code
KPDT2E27-CLR

Order Code	Power	Shade Size	Lampholder	Trade Price
KPDT2E27-CLR	60W	Ø 140mm x 180mm	E27	£50.12

Aster

Dish shaped shade

- Classic design with premium finishing
- E27 bronze cable set included
 - Braided adjustable cable



▲ Lamps not included

Recommended lamps



4W
Coated Globe(100)
Dimmable/Non-dimmable



4W
Coated Globe(125)
Dimmable/Non-dimmable



2W, 4W
Coated ST64
Dimmable/Non-dimmable

↶ P252

General Specification

Voltage 220-240Vac
50-60Hz

Cable Length 1.1m (max)

Connection Terminal block



Order Code	Power	Shade Size	Lampholder	Trade Price
KPDT3E27-BLK	60W	Ø 220mm x 70mm	E27	£50.78

Order Code

KPDT3E27-BLK

Recommended lamps



5W
Coated Globe(100)
Dimmable



5W
Coated Globe(125)
Dimmable



5W
Coated ST64
Dimmable

↳ P252

General Specification

Voltage 220-240Vac
50-60Hz

Cable Length 1.1m (max)

Connection Terminal block



Calla

Decorative pendant cable set with metallic finish

- Simple and elegantly designed cable sets
- Bare cable sets available in four finishes
- E27 lampholder
- Braided adjustable cable



▲ Lamps not included

Order Code

- KPDTCS1E27-BCH
- KPDTCS1E27-BRZ
- KPDTCS1E27-NIC
- KPDTCS1E27-RBR

Type	Order Code	Power	Lampholder	Trade Price
Black / Chrome	KPDTCS1E27-BCH	60W	E27	£19.58
Bronze	KPDTCS1E27-BRZ	60W	E27	£19.58
Nickle	KPDTCS1E27-NIC	60W	E27	£19.58
Red / Bronze	KPDTCS1E27-RBR	60W	E27	£22.21

LED Commercial Lamp



K2D 231



DD 234



T8 Pro 238



GU10, G5.3 239



AR111 244



MR11 246



Filament 247



Antique Filament 250



Decor GLS 253



Decor G4, G9, GX53, Pygmy 256



Colour Golf 258



Reon Classic Shape 259



Reon GU10 261



Reon R 262



Reon PAR 263

K2D Sensor & Standard

Patent

New Dusk to Dawn & Corridor function

Watt & CCT switching

Dusk to Dawn

Off

100%

0%

0% through the night

S1 — S8

ON

1 2 3 4 5 6 7 8



Dusk to Dawn with Corridor function

Off

100%

10%

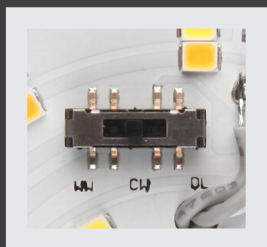
10% through the night

S1 — S8

ON

1 2 3 4 5 6 7 8

K2D Sensor

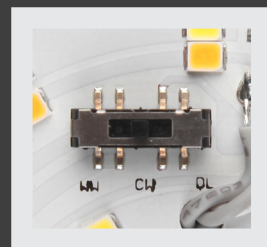


3000K	4000K	5000K



P1 P2	P1 P2	P1 P2
ON	ON	ON
3 4	3 4	3 4
18W	12W	9W

K2D Standard



3000K	4000K	5000K



18W	12W	9W

5 5 Years
Standard Warranty

K2D Standard

Switchable Wattage and CCT 4-pin LED DD Lamp with Emergency Option



DD Emergency Module
P39



Lamp Holder
DDLAMPHLD



- Wattage switchable 9W/12W/18W
- Colour temperature switchable 3000K/4000K/5000K
- Compatible with Kosnic's standard and self-test emergency modules
- Single side high lumen output for light only where it's needed
- Save energy up to 65% compared with a fluorescent lamp with magnetic ballast
- Flicker free

Plug-in emergency

Wattage switching

CCT switching

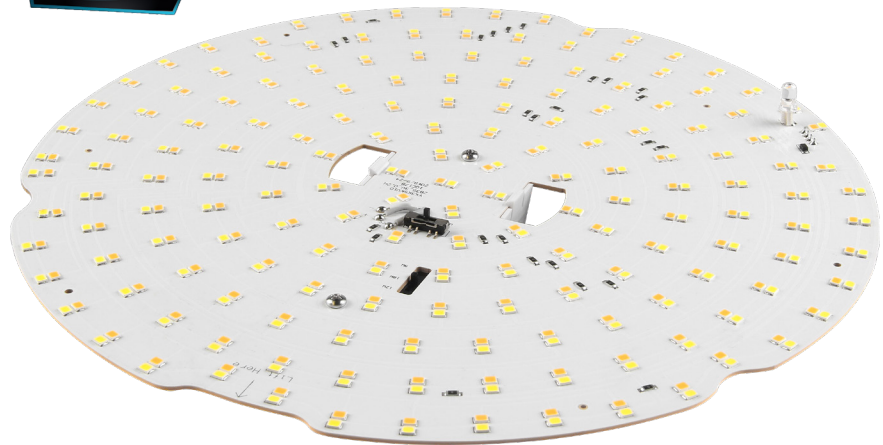
Flicker free

Modular design

Ultra high efficiency

EM driver isolation*

* LED Driver and LED light source are switched off in emergency mode.



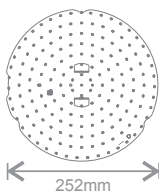
General Specification

Voltage 220-240Vac
50-60Hz
CRI >80
Power Factor >0.84
Life Time 30,000h
Ambient Temp -20°C to 40°C

Order Code

K2DC9-18STD/4P-SCT

Dimensions



Energy Class:

Order Code	Default Power	Alternative Power	Cap	Beam Angle	CCT	Lumen	Trade Price
	-	9W	GR10q	120°	Switchable*	1180lm (3000K)	
						1220lm (4000K)	
						1220lm (5000K)	
K2DC9-18STD	12W	-	GR10q	120°	Switchable*	1600lm (3000K)	£54.47
						1670lm (4000K)	
						1670lm (5000K)	
	-	18W	GR10q	120°	Switchable*	2500lm (3000K)	
						2660lm (4000K)	
						2660lm (5000K)	

* Where CCT switchable, colour temperature switches between 3000K, 4000K & 5000K

Accessory

Type	Order Code	Description	Trade Price
Lamp holder	DDLAMPHLD	GR10q lamp holder	£3.21

Patent

K2D Sensor

All in one sensor DD LED module for Kosnic LED bulkheads

- Built-in dusk to dawn and corridor function
 - Wattage switchable 9W/12W/18W
- Colour temperature switchable 3000K/4000K/5000K
 - Compatible with magnetic ballast
 - Compatible with Kosnic's standard and self-test emergency modules
- Single side high lumen output for light only where it's needed
- Save energy up to 65% compared with a fluorescent lamp with magnetic ballast
 - Flicker free

Plug-in emergency 

Built-in corridor sensor 

Dusk to dawn sensor 

Wattage switching 

CCT switching 

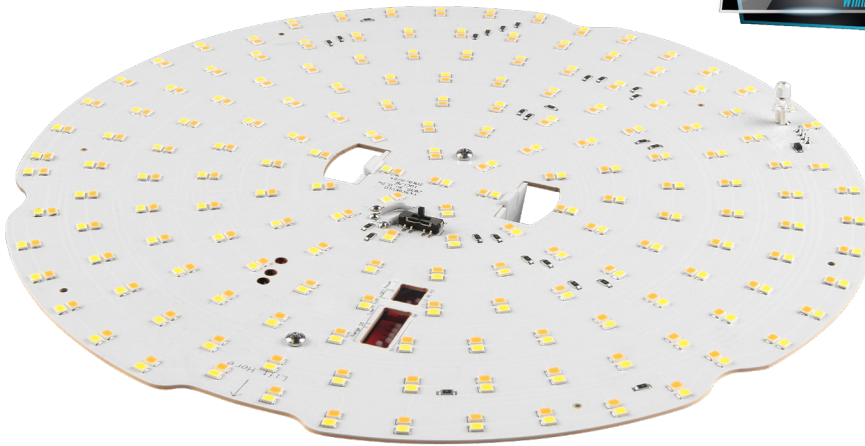
Flicker free 

Modular design 

Ultra high efficiency 

EM driver isolation* 

* LED Driver and LED light source are switched off in emergency mode.



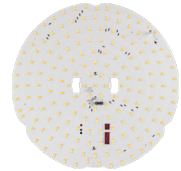
5 Years Standard Warranty



DD Emergency Module P39



Lamp Holder DDLAMPPLD



General Specification

Voltage 220-240Vac
50-60Hz
CRI >80
Power Factor >0.78
Life Time 30,000h
Ambient Temp -20°C to 40°C

Energy Class: 

Order Code	Default Power	Alternative Power	Cap	Beam Angle	CCT	Lumen	Trade Price
	-	9W	GR10q	120°	Switchable*	1160lm (3000K) 1200lm (4000K) 1200lm (5000K)	
K2DC9-18CRD	12W	-	GR10q	120°	Switchable*	1430lm (3000K) 1500lm (4000K) 1500lm (5000K)	£96.65
	-	18W	GR10q	120°	Switchable*	2000lm (3000K) 2200lm (4000K) 2200lm (5000K)	

* Where CCT switchable, colour temperature switches between 3000K, 4000K & 5000K

Accessory

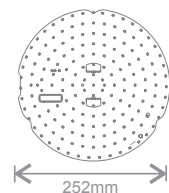
Type	Order Code	Description	Trade Price
Lamp holder	DDLAMPPLD	GR10q lamp holder	£3.21

Patent

Order Code

K2DC9-18CRD/4P-SCT

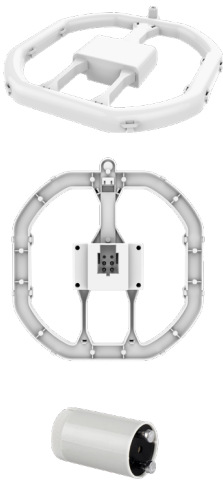
Dimensions



5 5 Years
Standard Warranty



DD Emergency Module
P39



General Specification

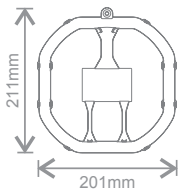
Voltage 220-240Vac
50-60Hz
CRI >80
Power Factor >0.58
Life Time 30,000h
Ambient Temp -20°C to 40°C

Order Code

KRTDQ12HFB/4P-W27
KRTDQ12HFB/4P-W35

KRTDQ12MGB/2P-W27
KRTDQ12MGB/2P-W35
KRTDQ12MGB/4P-W27
KRTDQ12MGB/4P-W35

Dimensions



K2D Retro

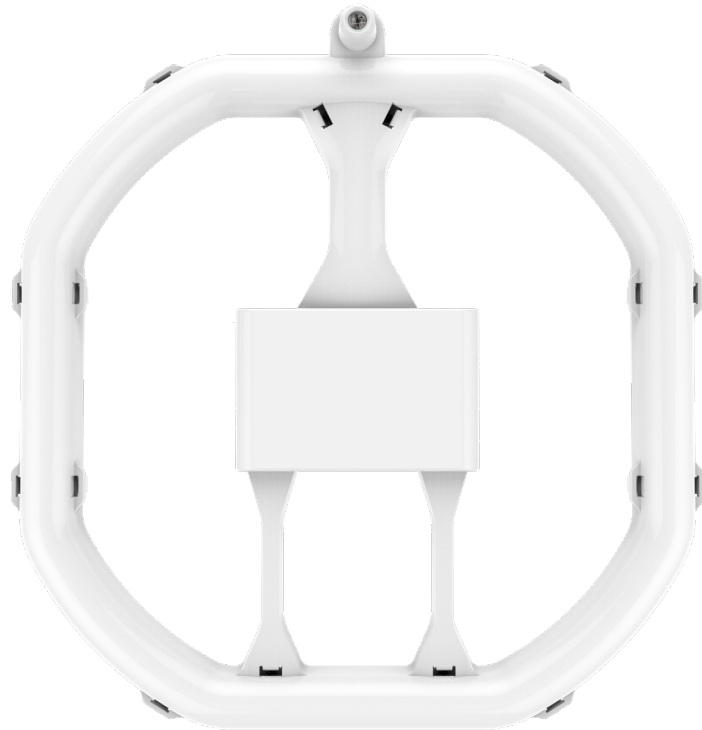
LED Retrofit replacement for Fluorescent DD lamps
(Compatible with HF/magnetic ballast)

- Save energy by up to 65%
- Retrofit replacement of 4-pin 28W fluorescent DD lamp
- 2 versions for HF and Magnetic ballast
- Compatible with Kosnic emergency module for instant conversion
- Flicker free

Plug-in emergency

Flicker free

Modular design



Energy Class:

Order Code	Power	Cap	Beam Angle	CCT	Lumen	Trade Price
KRTDQ12HFB	12W	GR10q	120°	2700K 3500K	1400lm	£36.28
KRTDQ12MGB	12W	GR8 GR10q	120°	2700K 3500K	1400lm	£38.29

Accessory

Type	Order Code	Description	Trade Price
Lamp holder	DDLAMPULD	GR10q lamp holder	£3.21

Patent

Upgrade
Jan. 2022

DD Standard

Retrofit replacement for popular CFL DD lamps

Plug-in emergency 

CCT switching 

Flicker free 

Modular design 





EM driver isolation* 

* LED Driver and LED light source are switched off in emergency mode.

- Colour temperature switchable 2700K/4000K/6500K
 - Save energy by up to 65%
- Replacement for 16w, 28w, 38w fluorescent DD lamps used with magnetic ballast
- Compatible with Kosnic emergency module for instant conversion
 - Flicker free



DD Standard II

Order Code	Power	Cap	Beam Angle	CCT	Lumen	Trade Price	Energy Class: 
DD09	9W	GR8 GR10q	120°	Switchable*	1050lm (2700K) 1130lm (4000K) 1050lm (6500K)	£35.04	
DD12	12W	GR8 GR10q	120°	Switchable*	1500lm (2700K) 1570lm (4000K) 1500lm (6500K)	£51.70	
DD18	18W	GR10q	120°	Switchable*	2210lm (2700K) 2400lm (4000K) 2210lm (6500K)	£54.97	

* When CCT switchable, colour temperature switches between 2700K, 4000K & 6500K

DD Standard I

Order Code	Power	Cap	Beam Angle	CCT	Lumen	Trade Price	Energy Class
KLED09STD	9W	GR8 GR10q	120°	4000K	1050lm	£34.76	
KLED12STD	12W	GR8 GR10q	120°	2700K	1220lm	£48.58	
				4000K	1320lm		
KLED18STD	18W	GR10q	120°	2700K	1780lm	£51.76	
				4000K	1880lm		
				6500K	1880lm		

Accessory

Type	Order Code	Description	Trade Price
Lamp holder	DDLAMPPLD	GR10q lamp holder	£3.21

Patent

5 5 Years
Standard Warranty

the **ELECTRICAL**
Industry awards
WINNER 2015



DD Standard I



DD Emergency Module
↳ P39



Lamp Holder
DDLAMPPLD

General Specification

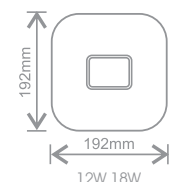
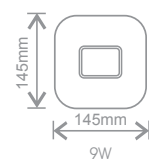
Voltage 220-240Vac
50-60Hz
CRI >80
Power Factor >0.90
Life Time 30,000h
Ambient Temp -20°C to 40°C

Order Code

DD09/2P-SCT
DD09/4P-SCT
DD12/2P-SCT
DD12/4P-SCT
DD18/4P-SCT

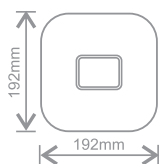
KLED09STD/2P-W40
KLED09STD/4P-W40
KLED12STD/2P-W40
KLED12STD/4P-W27
KLED12STD/4P-W40
KLED12STD/4P-W65
KLED18STD/4P-W27
KLED18STD/4P-W40
KLED18STD/4P-W65

Dimensions



5 5 Years
Standard Warranty Mains Dimmable
Dimmable

DD Dimmable I

DD Emergency Module
P39Lamp Holder
DDLAMPHLD**General Specification**Voltage 220-240Vac
50-60Hz
CRI >80
Power Factor 0.97
Life Time 30,000h
Ambient Temp -20°C to 40°C**Order Code**DD12DIM/4P-SCT
KLED12DIMD/4P-W40**Dimensions**

DD Dimmable

 Upgrade
Feb. 2022

New dimmable LED DD lamps

- Colour temperature switchable 2700K/4000K/6500K
- Save energy by up to 65%
- Dimmable with mains triac dimmable switch
- Compatible with Kosnic emergency module for instant conversion
- Flicker free

 Plug-in emergency CCT switching Flicker free Modular design EM driver isolation*

* LED Driver and LED light source are switched off in emergency mode.



DD Dimmable II

DD Dimmable IIEnergy Class: 

Order Code	Power	Cap	Beam Angle	CCT	Lumen	Trade Price
DD12DIM	12W	GR10q	120°	Switchable*	1430lm (2700K) 1480lm (4000K) 1430lm (6500K)	£58.25

* When CCT switchable, colour temperature switches between 2700K, 4000K & 6500K

DD Dimmable IEnergy Class: 

Order Code	Power	Cap	Beam Angle	CCT	Lumen	Trade Price
KLED12DIMD	12W	GR10q	120°	4000K	1240lm	£56.62

Accessory

Type	Order Code	Description	Trade Price
Lamp holder	DDLAMPHLD	GR10q lamp holder	£3.21

RF wireless triac dimmer

Order Code	Max Power	Output Current	Trade Price
CYDIMRFT1	2 x 120W (100 Vac) 2 x 288W (240 Vac)	2 x 1.2 A	£107.91

* See datasheet for recommended number of lamps per dimmer

Upgrade
Feb. 2022

DD Sensor

LED DD with integrated motion and light sensor

- Colour temperature switchable 2700K/4000K/6500K
 - Integrated microwave motion sensor with optional 10% dimming corridor function
 - Save energy by up to 65%
- Compatible with Kosnic emergency module for instant conversion
 - Flicker free

Built-in corridor sensor 

Built-in motion sensor 

Plug-in emergency 

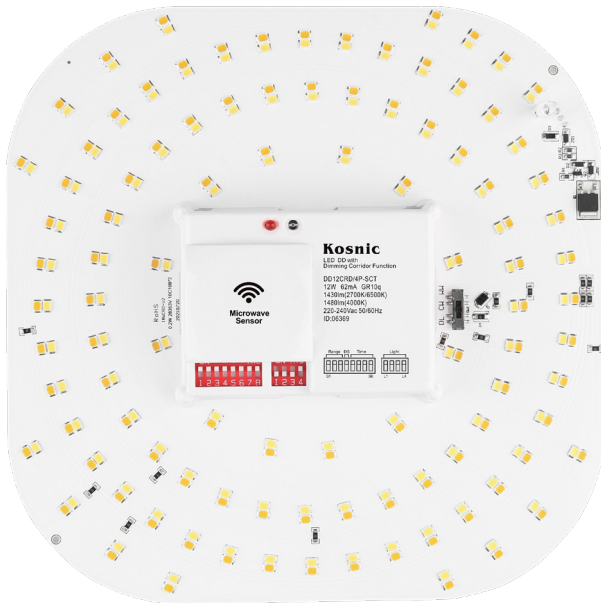
CCT switching 

Flicker free 

Modular design 

EM driver isolation* 

* LED Driver and LED light source are switched off in emergency mode.



DD Sensor II

DD Sensor II

Energy Class: 

Order Code	Power	Cap	Beam Angle	CCT	Lumen	Trade Price
DD12	12W	GR10q	120°	Switchable*	1430lm (2700K) 1480lm (4000K) 1430lm (6500K)	£99.94
DD18	18W	GR10q	120°	Switchable*	2100lm (2700K) 2200lm (4000K) 2100lm (6500K)	£99.94

* When CCT switchable, colour temperature switches between 2700K, 4000K & 6500K

DD Sensor I

Energy Class: 

Order Code	Power	Cap	Beam Angle	CCT	Lumen	Trade Price
KLED12CRD	12W	GR10q	120°	2700K 4000K 6500K	1200lm 1300lm 1200lm	£88.18
KLED18CRD	18W	GR10q	120°	4000K	1800lm	£89.14

Accessory

Type	Order Code	Description	Trade Price
Lamp holder	DDLAMPHLD	GR10q lamp holder	£3.21

Patent

5 Years Standard Warranty

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DD Sensor I



DD Emergency Module
↳ P39



Lamp Holder
DDLAMPHLD

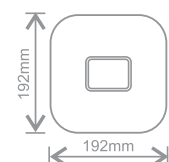
General Specification

Voltage 220-240Vac
50-60Hz
CRI >80
Power Factor >0.84
Life Time 30,000h
Ambient Temp -20°C to 40°C

Order Code

DD12CRD/4P-SCT
DD18CRD/4P-SCT
KLED12CRD/4P-W27
KLED12CRD/4P-W40
KLED12CRD/4P-W65
KLED18CRD/4P-W40

Dimensions



5 Years
Standard Warranty

DD Dusk to Dawn

Upgrade
Feb. 2022

LED DD with integrated daylight sensor

- Colour temperature switchable 2700K/4000K/6500K
- Integrated daylight sensor that only detects natural light (not LED light)
- Can be used with diffuser
- Save energy by up to 65%
- Compatible with Kosnic emergency module for instant conversion
- Flicker free

 Dusk to dawn sensor

 Plug-in emergency

 CCT switching

 Flicker free

 Modular design

 EM driver isolation*

* LED Driver and LED light source are switched off in emergency mode.



DD Dusk to Dawn I



DD Emergency Module
↳ P39



Lamp Holder
DDLAMPHLD

General Specification

Voltage 220-240Vac
50-60Hz
CRI >80
Power Factor >0.94
Life Time 30,000h
Ambient Temp -20°C to 40°C



DD Dusk to Dawn II

DD Dusk to Dawn II

Energy Class: 

Order Code	Power	Cap	Beam Angle	CCT	Lumen	Trade Price
DD12DTD	12W	GR10q	120°	Switchable*	1330lm (2700K) 1380lm (4000K) 1330lm (6500K)	£92.13

* When CCT switchable, colour temperature switches between 2700K, 4000K & 6500K

DD Dusk to Dawn I

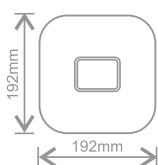
Energy Class: 

Order Code	Power	Cap	Beam Angle	CCT	Lumen	Trade Price
KLED12DTD	12W	GR10q	120°	4000K	1240lm	£77.64

Accessory

Type	Order Code	Description	Trade Price
Lamp holder	DDLAMPHLD	GR10q lamp holder	£3.21

Dimensions



T8 Pro

Glass LED T8 tube

3 3 Years
Standard Warranty

1000V
Surge Protection

Flicker free 

Ultra high efficiency 

- High performance of 130lm/W
- Save energy by up to 65%
- Flicker free



General Specification

Voltage 220-240Vac
50-60Hz
CRI >80
Power Factor 0.9
Life Time 50,000h
Ambient Temp -20°C to 40°C

Order Code

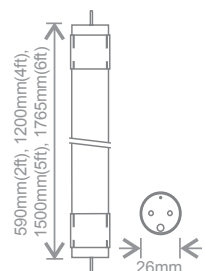
T8PRO08-W40
T8PRO08-W65


T8PRO17-W40
T8PRO17-W65

T8PRO21-W40
T8PRO21-W65

T8PRO24-W40
T8PRO24-W65

Dimensions



Order Code	Power	Length	Cap	CCT	Lumen	Trade Price	Energy Class
T8PRO08	8W	2ft/590mm	G13	4000K 6500K	1050lm	£17.15	
T8PRO17	17W	4ft/1200mm	G13	4000K 6500K	2200lm	£21.89	
T8PRO21	21W	5ft/1500mm	G13	4000K 6500K	2750lm	£27.93	
T8PRO24	24W	6ft/1765mm	G13	4000K 6500K	4000lm	£31.46	

3 3 Years
Standard Warranty

Mains Dimmable
Dimmable

Tec Pro

NEW Available
Feb. 2022

Premium dimmable LED GU10 with CRI > 90

- Supreme light quality with CRI>90
- Higher power and light output
- Save energy up to 85%
- Great Dimming compatibility
- Direct replacement of GU10 halogen lamp



General Specification

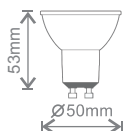
Voltage 220-240Vac
50-60Hz
CRI >90
Power Factor >0.8
Life Time 25,000h
Ambient Temp -20°C to 40°C

Order Code

TECP06DIM/GU10-S30
TECP06DIM/GU10-S40
TECP06DIM/GU10-S50
TECP06DIM/GU10-F30
TECP06DIM/GU10-F40
TECP06DIM/GU10-F50

TECP07DIM/GU10-S30
TECP07DIM/GU10-S40
TECP07DIM/GU10-S50
TECP07DIM/GU10-F30
TECP07DIM/GU10-F40
TECP07DIM/GU10-F50

Dimensions



Order Code	Power	Cap	Beam Angle	CCT	Lumen*	Trade Price	Energy Class
TECP06DIM	6W	GU10	36° 60°	3000K	400lm(330lm)	£14.86	
				4000K	450lm(380lm)		
				5000K	480lm(410lm)		
TECP07DIM	7W	GU10	36° 60°	3000K	520lm(450lm)	£15.63	
				4000K	570lm(500lm)		
				5000K	610lm(540lm)		

* Total lumen (lumen measured in 90°/120° Cone)

RF wireless triac dimmer

Order Code	Max Power	Output Current	Trade Price
CYDIMRFT1	2 x 120W (100 Vac) 2 x 288W (240 Vac)	2 x 1.2 A	£107.91

* See datasheet for recommended number of lamps per dimmer

Upgrade
Feb. 2022

Tec II

New Retrofit LED GU10 range

- Save energy up to 85%
- Great dimming compatibility
- Direct replacement of GU10 halogen lamp

3 3 Years
Standard Warranty

Mains Dimmable
Dimmable



Dim to warm GU10
Non-Dimmable GU10

Dimmable GU10 ▶



General Specification

Voltage 220-240Vac
50-60Hz
CRI >80
Power Factor >0.54
Life Time 15,000h
Ambient Temp -20°C to 40°C

Dimmable GU10 (CRI>90)

Order Code	Power	Cap	Beam Angle	CCT	Lumen*	Trade Price	Energy Class
TEC5.5DIM	5.5W	GU10	38° 60°	2700K	430lm(380lm)	£7.14	G A G
				4000K	480lm(440lm)		F A G
				6500K	480lm(440lm)		F A G

Dim to Warm GU10

Energy Class: **G** A G

Order Code	Power	Cap	Beam Angle	CCT	Lumen*	Trade Price
KTEC5.5DTW	5.5W	GU10	38°	3000-2000K	400lm(340lm)	£9.14

Non-Dimmable GU10

Energy Class: **F** A G

Order Code	Power	Cap	Beam Angle	CCT	Lumen*	Trade Price
KTEC4.5PWR	4.5W	GU10	38° 60°	2700K	400lm(340lm)	£5.34
				4000K	450lm(390lm)	
				6500K	450lm(390lm)	

* Total lumen (lumen measured in 90°/120° Cone)

RF wireless triac dimmer

Order Code	Max Power	Output Current	Trade Price
CYDIMRFT1	2 x 120W (100 Vac) 2 x 288W (240 Vac)	2 x 1.2 A	£107.91

* See datasheet for recommended number of lamps per dimmer

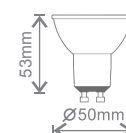
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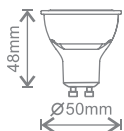
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TEC5.5DIM/GU10-F40
TEC5.5DIM/GU10-F65

KTEC5.5DTW/GU10-S30

KTEC4.5PWR/GU10-S27
KTEC4.5PWR/GU10-S40
KTEC4.5PWR/GU10-S65
KTEC4.5PWR/GU10-F27
KTEC4.5PWR/GU10-F40
KTEC4.5PWR/GU10-F65

Dimensions



3 3 Years
Standard Warranty**Mains Dimmable**
Dimmable3.5W, 4.5W, 6W
Dimmable GU10
Non-Dimmable GU10**General Specification**Voltage 12Vac/dc (G5.3)
220-240Vac
50-60Hz (GU10)
CRI >80
Power Factor >0.52
Life Time 35,000h
Ambient Temp -20°C to 40°C**Order Code**KPRO4.5DIM/GU10-S30
KPRO4.5DIM/GU10-S40
KPRO4.5DIM/GU10-S65KPRO06DIM/GU10-S30
KPRO06DIM/GU10-S40
KPRO06DIM/GU10-S65**Dimensions**

Pro

Comprehensive range of retrofit GU10/G5.3 LED lamps

- Save energy up to 85%
- Great Dimming compatibility
- Direct replacement of GU10 halogen lamp
- G5.3 compatible with a wide range of Halogen transformers

**Dimmable GU10**

Energy Class:

Order Code	Power	Cap	Beam Angle	CCT	Lumen*	Trade Price
KPRO4.5DIM	4.5W	GU10	45°	3000K	260lm(220lm)	£13.87
				4000K	280lm(240lm)	
				6500K	290lm(250lm)	
KPRO06DIM	6W	GU10	45°	3000K	370lm(290lm)	£14.28
				4000K	390lm(310lm)	
				6500K	400lm(320lm)	

* Total lumen (lumen measured in 90°/120° Cone)

Non-Dimmable GU10

Energy Class: **G** A B C D E F G

Order Code	Power	Cap	Beam Angle	CCT	Lumen*	Trade Price
KPRO3.5PWR	3.5W	GU10	45°	3000K	250lm(200lm)	£9.84
				4000K	250lm(200lm)	
				6500K	260lm(210lm)	
KPRO4.5PWR	4.5W	GU10	45°	3000K	270lm(230lm)	£9.80
				4000K	290lm(250lm)	
				6500K	300lm(260lm)	
KPRO06PWR	6W	GU10	45°	3000K	400lm(320lm)	£10.24
				4000K	420lm(340lm)	
				6500K	430lm(350lm)	



4.5W, 6W
Non-Dimmable G5.3

Non-Dimmable G5.3

Energy Class: **G** A B C D E F G

Order Code	Power	Cap	Beam Angle	CCT	Lumen*	Trade Price
KPRO4.5PWR	4.5W	G5.3	45°	3000K	260lm(210lm)	£12.24
				4000K	280lm(230lm)	
				6500K	280lm(230lm)	
KPRO06PWR	6W	G5.3	45°	2700K	330lm(250lm)	£13.45
				4000K	350lm(270lm)	
				6500K	350lm(270lm)	



Driver for G5.3
CW015NNC125

* Total lumen (lumen measured in 90°/120° Cone)

Driver

Order Code	Description	Trade Price
CW015NNC125	15W Constant Voltage LED Driver	£22.66

RF wireless triac dimmer

Order Code	Max Power	Output Current	Trade Price
CYDIMRFT1	2 x 120W (100 Vac) 2 x 288W (240 Vac)	2 x 1.2 A	£107.91

* See datasheet for recommended number of lamps per dimmer

Order Code

KPRO3.5PWR/GU10-S30
KPRO3.5PWR/GU10-S40
KPRO3.5PWR/GU10-S65

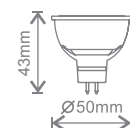
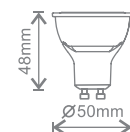
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KPRO06PWR/GU10-S30
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KPRO06PWR/GU10-S65

KPRO4.5PWR/G5.3-S30
KPRO4.5PWR/G5.3-S40
KPRO4.5PWR/G5.3-S65

KPRO06PWR/G5.3-S30
KPRO06PWR/G5.3-S40
KPRO06PWR/G5.3-S65

Dimensions



3 3 Years
Standard Warranty

Mains Dimmable
Dimmable



5W, 6W
Dimmable GU10



4W, 5W, 6W
Non-Dimmable GU10

General Specification

Voltage 220-240Vac
50-60Hz
CRI >80
Power Factor >0.53
Life Time 30,000h
Ambient Temp -20°C to 40°C

Order Code

KSMD05DIM/GU10-F30
KSMD05DIM/GU10-F40
KSMD05DIM/GU10-F65

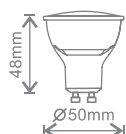
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KSMD04PWR/GU10-W65

KSMD05PWR/GU10-F30
KSMD05PWR/GU10-F40
KSMD05PWR/GU10-F65

KSMD06PWR/GU10-F30
KSMD06PWR/GU10-F40
KSMD06PWR/GU10-F65

Dimensions



Hilux

High performance LED GU10 lamps

- High efficiency over 100 lumen/W
- Choices of wider beam angles of 60° & 100°
- Retrofit for direct replacement of GU10 halogen lamp



Dimmable GU10

Energy Class:

Order Code	Power	Cap	Beam Angle	CCT	Lumen*	Trade Price
KSMD05DIM	5W	GU10	60°	3000K	450lm(290lm)	£13.91
				4000K		
				6500K		
KSMD06DIM	6W	GU10	60°	3000K	580lm(380lm)	£13.91
				4000K		
				6500K		

Non-Dimmable GU10

Order Code	Power	Cap	Beam Angle	CCT	Lumen*	Trade Price	Energy Class
KSMD04PWR	4W	GU10	100°	3000K	410lm(350lm)	£9.03	
				4000K			
				6500K			
KSMD05PWR	5W	GU10	60°	3000K	470lm(310lm)	£9.84	
				4000K			
				6500K			
KSMD06PWR	6W	GU10	60°	3000K	600lm(400lm)	£10.24	
				4000K			
				6500K			

* Total lumen (lumen measured in 90°/120° Cone)

RF wireless triac dimmer

Order Code	Max Power	Output Current	Trade Price
CYDIMRFT1	2 x 120W (100 Vac) 2 x 288W (240 Vac)	2 x 1.2 A	£107.91

* See datasheet for recommended number of lamps per dimmer

AR111

Replacement of halogen AR111 spotlight

- Narrow beam angle of 25°
- Save energy up to 85% compared with halogen lamp
- Negligible UV output

3 3 Years
Standard Warranty



General Specification

Voltage	12Vdc
CRI	>80
Power Factor	>0.52
Life Time	30,000h
Ambient Temp	-20°C to 40°C

Energy Class: **G A B**

Order Code	Power	Cap	Beam Angle	CCT	Lumen*	Trade Price
KDPL12AR111	12W	G53	25°	3000K 6500K	800lm(660lm) 870lm(730lm)	£53.78

* Total lumen (lumen measured in 90°/120° Cone)

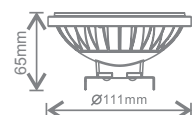
Driver

Order Code	Description	Trade Price
CW015NNC125	15W Constant Voltage LED Driver	£22.66

Order Code

KDPL12AR111/G53-S30
KDPL12AR111/G53-S65

Dimensions





Cadbury World Case Study

Location: Cadbury World, Birmingham.

Cadbury implemented a staged lighting refurbishment throughout the attraction, using the latest in Kosnic LED lighting.



“As well as being every bit as good as the more traditional light sources, the new Kosnic LED lighting is delivering in terms of cost and environmental benefits as well.”

– Tim Gimbert, Operations Manager

Upgrade
Dec. 2021

MR11

Replacement of halogen MR11 spotlight

- Retro-fit size
- Designed to work with 12V DC constant Voltage driver
- Save energy up to 85% compared with halogen lamp
 - Negligible UV output

3 3 Years
Standard Warranty



Driver
CYV015NNC125



General Specification

Voltage	12Vdc
CRI	>80
Power Factor	1.00
Life Time	15,000h
Ambient Temp	-20°C to 40°C

Order Code	Power	Cap	Beam Angle	CCT	Lumen*	Trade Price	Energy Class
MR1102	2W	GU4	50°	3000K 4000K 6500K	240lm(210lm)	£6.21	
MR1104	4W	GU4	50°	3000K 4000K 6500K	320lm(290lm)	£6.21	

* Total lumen (lumen measured in 90°/120° Cone)

Driver

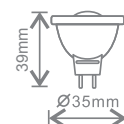
Order Code	Description	Trade Price
CYV015NNC125	15W Constant Voltage LED Driver	£22.66

Order Code

MR1102-S30
MR1102-S40
MR1102-S65

MR1104-S30
MR1104-S40
MR1104-S65

Dimensions



2 Years
Standard Warranty

Mains Dimmable
Dimmable



General Specification

Voltage 220-240Vac
50-60Hz

CRI >80

Power Factor >0.50

Life Time 15,000h

Ambient Temp -20°C to 40°C

Order Code

KDFL04CND/E14-CLR-N27
KDFL04CND/B22-CLR-N27
KDFL04CND/E27-CLR-N27

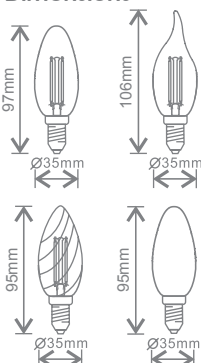
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KFLM04CND/E14-FRS-N27
KFLM04CND/B22-FRS-N27
KFLM04CND/E27-FRS-N27

Dimensions



Candle

Traditional glass light bulb with LED filament

- Linear LED filament provides a traditional appearance
- Even light distribution
- Save energy up to 90% compared with an incandescent filament lamp



Dimmable Clear Candle

Energy Class: **F** A G

Order Code	Power	Cap	Finish	CCT	Lumen	Trade Price
KDFL04CND-CLR	4W	E14 / B22 / E27	Clear	2700K	400lm	£9.67

Clear Candle

Energy Class: **E** A G

Order Code	Power	Cap	Finish	CCT	Lumen	Trade Price
KFLM02CND-CLR	2W	E14 / B22 / E27	Clear	2700K	240lm	£4.93
KFLM04CND-CLR	4W	E14 / B22 / E27	Clear	2700K	440lm	£6.48

Clear Bent-tip Candle

Energy Class: **F** A G

Order Code	Power	Cap	Finish	CCT	Lumen	Trade Price
KFLM02BTP-CLR	2W	E14 / B22 / E27	Clear	2700K	190lm	£5.19
KFLM04BTP-CLR	4W	E14 / B22 / E27	Clear	2700K	380lm	£5.96

Clear Twisted Candle

Energy Class: **F** A G

Order Code	Power	Cap	Finish	CCT	Lumen	Trade Price
KFLM02TWT-CLR	2W	E14 / B22 / E27	Clear	2700K	190lm	£5.45
KFLM04TWT-CLR	4W	E14 / B22 / E27	Clear	2700K	380lm	£5.70

Frosted Candle

Energy Class: **F** A G

Order Code	Power	Cap	Finish	CCT	Lumen	Trade Price
KFLM02CND-FRS	2W	E14 / B22 / E27	Frosted	2700K	190lm	£6.03
KFLM04CND-FRS	4W	E14 / B22 / E27	Frosted	2700K	380lm	£6.21

RF wireless triac dimmer

Order Code	Max Power	Output Current	Trade Price
CYDIMRFT1	2 x 120W (100 Vac) 2 x 288W (240 Vac)	2 x 1.2 A	£107.91

* See datasheet for recommended number of lamps per dimmer

Golf, GLS

Traditional glass light bulb with LED filament

- Linear LED filament provides a traditional appearance
 - Dimmable option
 - Even light distribution
- Save energy up to 90% compared with an incandescent filament lamp



2 Years
Standard Warranty

Mains Dimmable
Dimmable



General Specification

Voltage 220-240Vac
50-60Hz
CRI >80
Power Factor >0.50
Life Time 15,000h
Ambient Temp -20°C to 40°C

Order Code

KFLM02GLF/E14-CLR-N27
KFLM02GLF/B22-CLR-N27
KFLM02GLF/E27-CLR-N27

KFLM04GLF/E14-CLR-N27
KFLM04GLF/B22-CLR-N27
KFLM04GLF/E27-CLR-N27

KDFL4.5GLS/B22-CLR-N27
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KDFL07GLS/B22-CLR-N27
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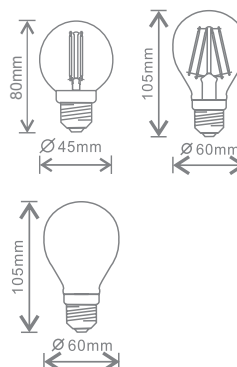
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KFLM4.5GLS/E27-FRS-N27

KFLM07GLS/B22-FRS-N27
KFLM07GLS/E27-FRS-N27

Dimensions



Clear Golf

Energy Class: **F**

Order Code	Power	Cap	Finish	CCT	Lumen	Trade Price
KFLM02GLF-CLR	2W	E14 / B22 / E27	Clear	2700K	190lm	£5.28
KFLM04GLF-CLR	4W	E14 / B22 / E27	Clear	2700K	380lm	£6.24

Dimmable Clear GLS

Energy Class: **F**

Order Code	Power	Cap	Finish	CCT	Lumen	Trade Price
KDFL4.5GLS-CLR	4.5W	B22 / E27	Clear	2700K	470lm	£13.38
KDFL07GLS-CLR	7W	B22 / E27	Clear	2700K	730lm	£15.62

Clear GLS

Energy Class: **F**

Order Code	Power	Cap	Finish	CCT	Lumen	Trade Price
KFLM4.5GLS-CLR	4.5W	B22 / E27	Clear	2700K	490lm	£6.37
KFLM07GLS-CLR	7W	B22 / E27	Clear	2700K	660lm	£7.91

Frosted GLS

Energy Class: **F**

Order Code	Power	Cap	Finish	CCT	Lumen	Trade Price
KFLM4.5GLS-FRS	4.5W	B22 / E27	Frosted	2700K	480lm	£7.26
KFLM07GLS-FRS	7W	B22 / E27	Frosted	2700K	700lm	£8.08

RF wireless triac dimmer

Order Code	Max Power	Output Current	Trade Price
CYDIMRFT1	2 x 120W (100 Vac) 2 x 288W (240 Vac)	2 x 1.2 A	£107.91

* See datasheet for recommended number of lamps per dimmer

2 2 Years
Standard Warranty

Mains Dimmable
Dimmable

Globe

Traditional glass light bulb with LED filament

- Linear LED filament provides a traditional appearance
- Even light distribution
- Save energy up to 90% compared with an incandescent filament lamp

General Specification

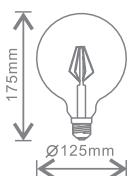
Voltage 220-240Vac
50-60Hz
CRI >80
Power Factor 0.55
Life Time 15,000h
Ambient Temp -20°C to 40°C

Product Code

KFLM4.5GLB/B22-CLR-N27
KFLM4.5GLB/E27-CLR-N27

KDFL4.5GLB/B22-CLR-N27
KDFL4.5GLB/E27-CLR-N27

Dimensions



Clear Globe

Energy Class: **F** A G

Order Code	Power	Cap	Finish	CCT	Lumen	Trade Price
KFLM4.5GLB-CLR	4.5W	B22 / E27	Clear	2700K	470lm	£14.83

Dimmable Clear Globe

Energy Class: **F** A G

Order Code	Power	Cap	Finish	CCT	Lumen	Trade Price
KDFL4.5GLB-CLR	4.5W	B22 / E27	Clear	2700K	470lm	£22.04

RF wireless triac dimmer

Order Code	Max Power	Output Current	Trade Price
CYDIMRFT1	2 x 120W (100 Vac) 2 x 288W (240 Vac)	2 x 1.2 A	£107.91

* See datasheet for recommended number of lamps per dimmer

Candle

Decorative LED filament lamps with gold antique coating

- Special coating with a golden finish gives an antique appearance and creates a warm and cosy living space
- Linear LED filament provides a traditional appearance
 - Even light distribution
- Save energy up to 90% compared with an incandescent filament lamp



2 2 Years
Standard Warranty



2W, 4W
Coated
Candle

2W, 4W
Coated
Bent-tip
Candle



4W
Coated
Twisted
Candle

General Specification

Voltage	220-240Vac 50-60Hz
CRI	>80
Power Factor	>0.50
Life Time	15,000h
Ambient Temp	-20°C to 40°C

Product Code

KFLM02CND/E14-GLD-N25
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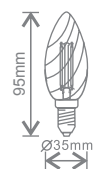
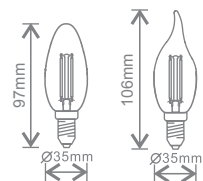
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KFLM04TWT/E14-GLD-N25
KFLM04TWT/B22-GLD-N25
KFLM04TWT/E27-GLD-N25

Dimensions



Coated Candle

Energy Class: **F** A G

Order Code	Power	Cap	Finish	CCT	Lumen	Trade Price
KFLM02CND-GLD	2W	E14 / B22 / E27	Coated	2500K	170lm	£5.45
KFLM04CND-GLD	4W	E14 / B22 / E27	Coated	2500K	340lm	£6.21

Coated Bent-tip Candle

Energy Class: **F** A G

Order Code	Power	Cap	Finish	CCT	Lumen	Trade Price
KFLM02BTP-GLD	2W	E14 / B22 / E27	Coated	2500K	170lm	£6.21
KFLM04BTP-GLD	4W	E14 / B22 / E27	Coated	2500K	340lm	£6.47

Coated Twisted Candle

Energy Class: **G** A G

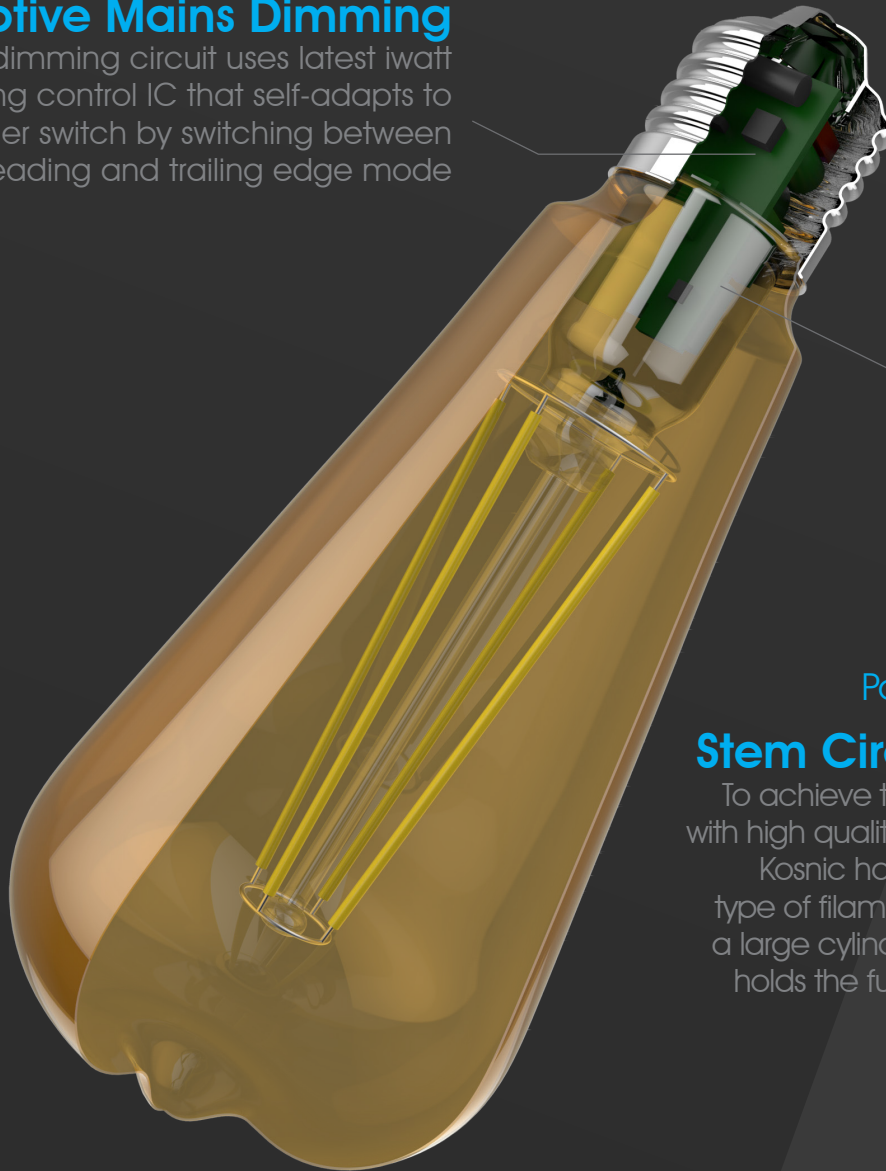
Order Code	Power	Cap	Finish	CCT	Lumen	Trade Price
KFLM04TWT-GLD	4W	E14 / B22 / E27	Coated	2500K	300lm	£6.30

LED Filament Dimmable

FULL GLASS *Dimmable Vintage LED filament lamps with adaptive mains dimming technology*

Adaptive Mains Dimming

Full dimming circuit uses latest i watt dimming control IC that self-adapts to the dimmer switch by switching between leading and trailing edge mode



Patents pending

Stem Circuit Holder

To achieve the full glass body with high quality dimming circuit Kosnic has invented a new type of filament stem that has a large cylinder container that holds the full dimming circuit

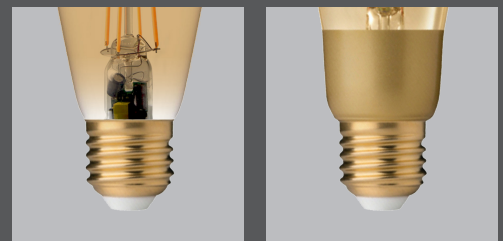
Flicker Free



Kosnic

Others

Full Glass Body



Kosnic

Others

GLS, Globe, ST64

Decorative LED filament lamps with gold antique coating

- Special coating with a golden finish gives an antique appearance and creates a warm and cosy living space
- Linear LED filament provides a traditional appearance
 - Even light distribution
- Save energy up to 90% compared with an incandescent filament lamp



2 2 Years
Standard Warranty

Mains Dimmable
Dimmable



Coated GLS



Coated Globe(100)



Coated Globe(125)



Coated ST64

General Specification

Voltage 220-240Vac
50-60Hz
CRI >80
Power Factor >0.50
Life Time 15,000h
Ambient Temp -20°C to 40°C

Product Code

KFLM04GLS/B22-GLD-N25
KFLM04GLS/E27-GLD-N25

KDFL04GLS/B22-GLD-N25
KDFL04GLS/E27-GLD-N25

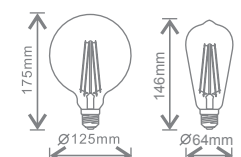
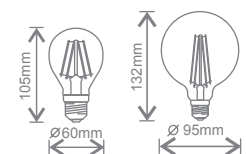
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KFLM02ST64/B22-GLD-N25
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KFLM04ST64/E27-GLD-N25

KDFL04ST64/B22-GLD-N25
KDFL04ST64/E27-GLD-N25

Dimensions



Coated GLS, Globe, ST64

Energy Class: **F** A G

Order Code	Power	Cap	Finish	CCT	Lumen	Trade Price
KFLM04GLS-GLD	4W	B22 / E27	Coated	2500K	380lm	£6.89
KFLM04G100-GLD	4W	B22 / E27	Coated	2500K	380lm	£13.25
KFLM04G125-GLD	4W	B22 / E27	Coated	2500K	400lm	£17.59
KFLM02ST64-GLD	2W	B22 / E27	Coated	2500K	200lm	£9.53
KFLM04ST64-GLD	4W	B22 / E27	Coated	2500K	400lm	£11.41

Dimmable Coated GLS, Globe, ST64

Energy Class: **F** A G

Order Code	Power	Cap	Finish	CCT	Lumen	Trade Price
KDFL04GLS-GLD	4W	B22 / E27	Coated	2500K	380lm	£14.73
KDFL04G100-GLD	4W	B22 / E27	Coated	2500K	380lm	£19.44
KDFL04G125-GLD	4W	B22 / E27	Coated	2500K	400lm	£23.83
KDFL04ST64-GLD	4W	B22 / E27	Coated	2500K	380lm	£17.81

RF wireless triac dimmer

Order Code	Max Power	Output Current	Trade Price
CYDIMRFT1	2 x 120W (100 Vac) 2 x 288W (240 Vac)	2 x 1.2 A	£107.91

* See datasheet for recommended number of lamps per dimmer

3 3 Years
Standard Warranty

Mains Dimmable
Dimmable

GLS

High efficient LED GLS Lamps

- Dim to Warm feature available that shifts the colour temperature of the lights from 2700K to 2000K
- Save energy up to 85% compared with filament lamp
- High lumen output upto 1500lm
- Long life of 30,000h

General Specification

Voltage 220-240Vac
50-60Hz
CRI >80
Power Factor >0.55
Life Time 15,000h
Ambient Temp -20°C to 40°C

Order Code

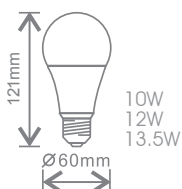
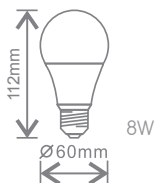
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KDIM08GLS/E27-N65

KDIM10GLS/B22-N30
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KDIM10GLS/E27-N30
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KDIM10GLS/E27-N65

KDIM12GLS/B22-N30
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KDIM12GLS/B22-N65
KDIM12GLS/E27-N30
KDIM12GLS/E27-N40
KDIM12GLS/E27-N65

Dimensions



Dim to warm 2700-2000K



Dim to Warm

Energy Class: **F** A G





Order Code	Power	Cap	CCT	Lumen	Trade Price
KDTW10GLS	10W	B22 E27	2700-2000K	920lm	£21.56

Dimmable

Energy Class: **F** A G

Order Code	Power	Cap	CCT	Lumen	Trade Price
KDIM08GLS	8W	B22 E27	3000K	760lm	£18.05
			4000K	790lm	
			6500K	790lm	
KDIM10GLS	10W	B22 E27	3000K	880lm	£18.92
			4000K	920lm	
			6500K	920lm	
KDIM12GLS	12W	B22 E27	3000K	1050lm	£21.20
			4000K	1150lm	
			6500K	1150lm	

Non-Dimmable

Order Code	Power	Cap	CCT	Lumen	Trade Price	Energy Class
KTC08GLS	8W	B22 E27	3000K 4000K 6500K	820lm 850lm 850lm	£7.53	
KTC10GLS	10W	B22 E27	3000K 4000K 6500K	960lm 1000lm 1000lm	£8.23	
KTC12GLS	12W	B22 E27	3000K 4000K 6500K	1100lm 1200lm 1200lm	£7.33	
KTC13.5GLS	13.5W	B22 E27	3000K 4000K 6500K	1550lm 1650lm 1650lm	£10.41	

RF wireless triac dimmer

Order Code	Max Power	Output Current	Trade Price
CYDIMRFT1	2 x 120W (100 Vac) 2 x 288W (240 Vac)	2 x 1.2 A	£107.91

* See datasheet for recommended number of lamps per dimmer

Order Code

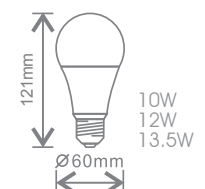
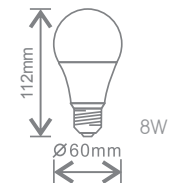
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KTC12GLS/E27-N65

KTC13.5GLS/B22-N30
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KTC13.5GLS/E27-N30
KTC13.5GLS/E27-N40
KTC13.5GLS/E27-N65

Dimensions



3 3 Years
Standard Warranty

GLS

High Power GLS Lamps

- Colour temperature of 3000K, 4000K and 6500K
- Save energy up to 85% compared with incandescent lamp
- High lumen output upto 2450lm
- Long life of 25,000h

General Specification

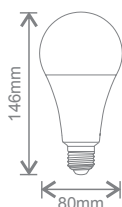
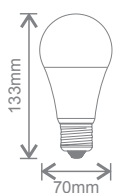
Voltage 220-240Vac
50-60Hz
CRI >80
Power Factor 0.55
Life Time 15,000h
Ambient Temp -20°C to 40°C

Order Code

KTC18GLS/B22-N30
KTC18GLS/B22-N40
KTC18GLS/B22-N65
KTC18GLS/E27-N30
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KTC22GLS/B22-N65
KTC22GLS/E27-N30
KTC22GLS/E27-N40
KTC22GLS/E27-N65

Dimensions



Energy Class: 

Order Code	Power	Cap	CCT	Lumen	Trade Price
KTC18GLS	18W	B22 E27	3000K 4000K 6500K	2000lm	£13.14
KTC22GLS	22W	B22 E27	3000K 4000K 6500K	2450lm	£15.74

G4, G9, GX53, Pygmy

Capsule and disk shaped LED lamps

- Save energy by up to 90%
- Replacement of halogen G4 and G9 lamps
- Replacement of CFL GX53 lamps
- Long life of 20,000hrs

3 3 Years
Standard Warranty

Mains Dimmable
Dimmable



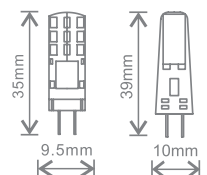
General Specification

Voltage 12Vdc (G4)
220-240Vac 50-60Hz (G9, GX53, Pygmy)
CRI >80
Power Factor >0.50
Life Time 20,000h
Ambient Temp -20°C to 40°C

Order Code

KLED1.2CPL/G4-N30
KLED1.5CPL/G4-N30

Dimensions



G4

Order Code	Power	Cap	CCT	Lumen	Trade Price	Energy Class
KLED1.2CPL	1.2W	G4	3000K	80lm	£8.03	G A t G
KLED1.5CPL	1.5W	G4	3000K	140lm	£12.75	F A t G



Order Code

KDIM3.5CPL/G9-N30
 KDIM3.5CPL/G9-N40
 KDIM3.5CPL/G9-N65

KLED02CPL/G9-N30
 KLED02CPL/G9-N65

KLED2.5CPL/G9-N30
 KLED2.5CPL/G9-N65

KLED3.5CPL/G9-N30
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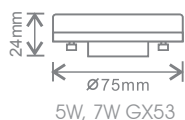
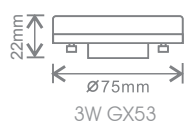
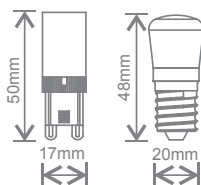
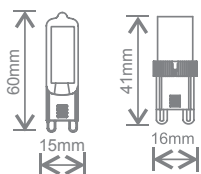
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KLED07DSK/GX53-W30
 KLED07DSK/GX53-W65

KLED2.5PYG/E14-N30
 KLED2.5PYG/E14-N65

Dimensions



Dimmable G9

Order Code	Power	Cap	CCT	Lumen	Trade Price	Energy Class
			3000K	360lm		
KDIM3.5CPL	3.5W	G9	4000K	400lm	£16.21	
			6500K	400lm		

Non-Dimmable G9

Order Code	Power	Cap	CCT	Lumen	Trade Price	Energy Class
KLED02CPL	2W	G9	3000K 6500K	200lm	£5.92	
KLED2.5CPL	2.5W	G9	3000K 6500K	300lm 330lm	£8.67	
KLED3.5CPL	3.5W	G9	3000K 6500K	400lm 440lm	£11.69	

GX53

Energy Class:

Order Code	Power	Cap	CCT	Lumen	Trade Price
KLED03DSK	3W	GX53	3000K 4000K 6500K	330lm 350lm 350lm	£8.85
KLED05DSK	5W	GX53	3000K 6500K	590lm 610lm	£9.42
KLED07DSK	7W	GX53	3000K 6500K	780lm 800lm	£9.42

Pygmy

Energy Class:

Order Code	Power	Cap	CCT	Lumen	Trade Price
KLED2.5PYG	2.5W	E14	3000K 6500K	190lm 200lm	£9.28

* Total lumen (lumen measured in 90°/120° Cone)

RF wireless triac dimmer

Order Code	Max Power	Output Current	Trade Price
CYDIMRFT1	2 x 120W (100 Vac) 2 x 288W (240 Vac)	2 x 1.2 A	£107.91

* See datasheet for recommended number of lamps per dimmer

SEASONAL LINE

Colour Golf

Coloured LED Golf Ball Lamp

- Save energy up to 85% compared with filament lamps
- Suitable for use in outdoor festoons designed for golf ball lamps
 - Available in White, Blue, Green, Red or Yellow
 - Even light distribution
- Popular B22 and E27 caps


3 3 Years
Standard Warranty

General Specification

Voltage 220-240Vac
50-60Hz
CRI >80
Power Factor >0.15
Life Time 15,000h
Ambient Temp -20°C to 40°C

Order Code

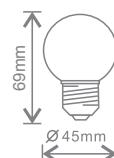
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KLED01GLF/B22-RE
KLED01GLF/E27-RE
KLED01GLF/B22-YL
KLED01GLF/E27-YL

 Energy Class: **G**

Order Code	Power	Cap	CCT	Colour	Trade Price
KLED02GLF	2W	B22 E27	6500K	White	£5.85
KLED01GLF	1W	B22 E27	/	Blue Green Red Yellow	£5.00

Dimensions



2 2 Years
Standard Warranty

Mains Dimmable
Dimmable



Candle

General Specification

Voltage 220-240Vac
50-60Hz
CRI >80
Power Factor >0.55
Life Time 15,000h
Ambient Temp -20°C to 40°C

Order Code

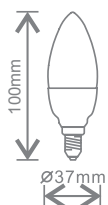
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CND05/E14-N65
CND05/E27-N65

CND06/B22-N27
CND06/E14-N27
CND06/E27-N27

Dimensions



Reon Classic Shape

Classic shaped LED GLS, candle & golf

- Save energy by up to 90%
- Replacement for incandescent GLS, candle and golf lamps
- Choices of 2700K/4000K/6500K
- Dimmable options
- Long life of 15,000hrs



Dimmable Candle

Energy Class: **F**

Order Code	Power	Cap	CCT	Lumen	Trade Price
CND05DIM	5W	B22 E14 E27	2700K	460lm	£7.47

Non-Dimmable Candle

Energy Class: **F**




Order Code	Power	Cap	CCT	Lumen	Trade Price
CND04	4W	B22 E14 E27	2700K	390lm	£3.71
CND05	5W	B15 B22 E14 E27	2700K 4000K 6500K	460lm 500lm 500lm	£3.61
CND06	6W	B22 E14 E27	2700K	520lm	£5.88

Dimmable Golf

Energy Class: 

Order Code	Power	Cap	CCT	Lumen	Trade Price
GLF05DIM	5W	E14 B22 E27	2700K	460lm	£8.47

Non-Dimmable Golf








Order Code	Power	Cap	CCT	Lumen	Trade Price	Energy Class
GLF04	4W	E14 B22 E27	2700K	400lm	£3.59	
GLF05	5W	E14 B22 E27	2700K 6500K	510lm 550lm	£3.66	 

Dimmable GLS

Energy Class: 

Order Code	Power	Cap	CCT	Lumen	Trade Price
GLS07DIM	7W	B22 E27	2700K	630lm	£9.00
GLS09DIM	9W	B22 E27	2700K	840lm	£13.52
GLS11DIM	11W	B22 E27	2700K	1050lm	£14.16

Non-Dimmable GLS

Order Code	Power	Cap	CCT	Lumen	Trade Price	Energy Class
GLS05	5W	B22 E27	2700K	540lm	£4.64	
GLS07	7W	B22 E27	2700K	700lm	£4.75	
GLS09	9W	B22 E27	2700K	920lm	£4.98	
			4000K	1000lm		
GLS09	9W	B22 E27	6500K	1000lm	£4.98	
			2700K	1140lm		
GLS11	11W	B22 E27	2700K 6500K	1200lm	£5.37	

Dimmable Globe

Energy Class: 

Order Code	Power	Cap	CCT	Lumen	Trade Price
GLB11DIM	11W	B22 E27	2700K	1050lm	£17.45

Non-Dimmable Globe

Energy Class: 

Order Code	Power	Cap	CCT	Lumen	Trade Price
GLB11	11W	B22 E27	2700K	1050lm	£14.12

RF wireless triac dimmer

Order Code	Max Power	Output Current	Trade Price
CYDIMRFT1	2 x 120W (100 Vac) 2 x 288W (240 Vac)	2 x 1.2 A	£107.91

* See datasheet for recommended number of lamps per dimmer



Golf

GLS



Globe

Order Code

GLF05DIM/B22-N27
GLF05DIM/E14-N27
GLF05DIM/E27-N27

GLF04/B22-N27
GLF04/E14-N27
GLF04/E27-N27

GLF05/B22-N27
GLF05/E14-N27
GLF05/E27-N27
GLF05/B22-N65
GLF05/E14-N65
GLF05/E27-N65

GLS07DIM/B22-N27
GLS07DIM/E27-N27

GLS09DIM/B22-N27
GLS09DIM/E27-N27

GLS11DIM/B22-N27
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GLS05/B22-N27
GLS05/E27-N27

GLS07/B22-N27
GLS07/E27-N27

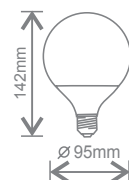
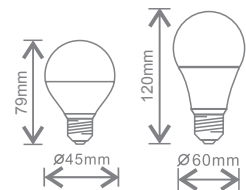
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GLS11/B22-N27
GLS11/E27-N27
GLS11/B22-N65
GLS11/E27-N65

GLB11DIM/B22-N27
GLB11DIM/E27-N27

GLB11/B22-N27
GLB11/E27-N27

Dimensions



2 2 Years
Standard Warranty

Mains Dimmable
Dimmable

Reon GU10

Retrofit LED GU10 lamps

- Save energy by up to 90%
- Replacement for halogen GU10 lamps
- Dimmable options
- Long life of 15,000hrs

General Specification

Voltage 220-240Vac
50-60Hz
CRI >80
Power Factor >0.55
Life Time 15,000h
Ambient Temp -20°C to 40°C



Dimmable GU10

Energy Class: **G** A B C D E F G

Order Code	Power	Cap	Beam Angle	CCT	Lumen*	Trade Price
COB05DIM	5W	GU10	70°	2700K	360lm(280lm)	£7.45

Non-Dimmable GU10

Energy Class: **G** A B C D E F G

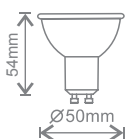
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COB04	4W	GU10	60°	2700K 6500K	310lm(260lm) 320lm(270lm)	£5.64

* Total lumen (lumen measured in 90°/120° Cone)

Order Code

COB05DIM/GU10-F27
COB04/GU10-F27
COB04/GU10-F65

Dimensions



RF wireless triac dimmer

Order Code	Max Power	Output Current	Trade Price
CYDIMRFT1	2 x 120W (100 Vac) 2 x 288W (240 Vac)	2 x 1.2 A	£107.91

* See datasheet for recommended number of lamps per dimmer

Reon Reflectors

Retrofit LED reflector lamps

- Save energy by up to 90%
- Replacement for incandescent R50, R63, R80
- Long life of 15,000hrs



2 Years
Standard Warranty

Mains Dimmable
Dimmable

General Specification

Voltage 220-240Vac
50-60Hz
CRI >80
Power Factor >0.55
Life Time 15,000h
Ambient Temp -20°C to 40°C

Order Code

R5005DIM/E14-W27
R6307DIM/E27-W27
R8009DIM/E27-W27

R5005/E14-W27
R6307/E27-W27
R8009/E27-W27

Dimmable

Order Code	Type	Power	Cap	CCT	Lumen	Trade Price	Energy Class
R5005DIM	R50	5W	E14	2700K	420lm	£8.11	
R6307DIM	R63	7W	E27	2700K	660lm	£9.83	
R8009DIM	R80	9W	E27	2700K	850lm	£15.02	

Non-Dimmable

Energy Class:

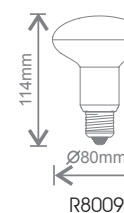
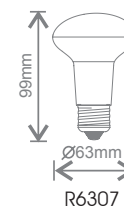
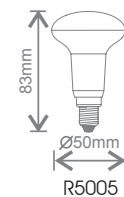
Order Code	Type	Power	Cap	CCT	Lumen	Trade Price
R5005	R50	5W	E14	2700K	500lm	£7.76
R6307	R63	7W	E27	2700K	700lm	£9.03
R8009	R80	9W	E27	2700K	900lm	£11.86

RF wireless triac dimmer

Order Code	Max Power	Output Current	Trade Price
CYDIMRFT1	2 x 120W (100 Vac) 2 x 288W (240 Vac)	2 x 1.2 A	£107.91

* See datasheet for recommended number of lamps per dimmer

Dimensions



2 Years
Standard Warranty

Mains Dimmable
Dimmable

General Specification

Voltage 220-240Vac
50-60Hz
CRI >80
Power Factor >0.55
Life Time 15,000h
Ambient Temp -20°C to 40°C

Reon PAR

Retrofit LED PAR lamps

- Save energy by up to 90%
- Replacement for incandescent R63, R80
- Long life of 15,000hrs
- Negligible UV output

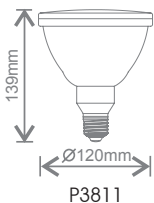
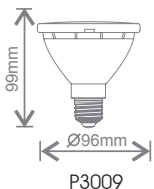
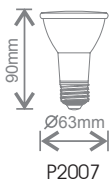


Order Code

P2007DIM/E27-E27
P2007DIM/E27-F65
P3009DIM/E27-S27
P3009DIM/E27-S65
P3811DIM/E27-S27
P3811DIM/E27-S65

P3009/E27-S27
P3009/E27-S65
P3811/E27-S27
P3811/E27-S65

Dimensions



Dimmable

Order Code	Type	Power	Cap	Beam Angle	CCT	Lumen*	Trade Price	Energy Class
P2007DIM	PAR20	7W	E27	50°	2700K 6500K	570lm(500lm)	£10.83	
P3009DIM	PAR30	9W	E27	38°	2700K 6500K	870lm(780lm)	£15.47	
P3811DIM	PAR38	11W	E27	30°	2700K 6500K	1000lm(880lm)	£23.56	

Non-Dimmable

Order Code	Type	Power	Cap	Beam Angle	CCT	Lumen*	Trade Price	Energy Class
P3009	PAR30	9W	E27	38°	2700K 6500K	800lm(710lm)	£14.22	
P3811	PAR38	11W	E27	30°	2700K 6500K	1000lm(880lm)	£18.04	

* Total lumen (lumen measured in 90°/120° Cone)

RF wireless triac dimmer

Order Code	Max Power	Output Current	Trade Price
CYDIMRFT1	2 x 120W (100 Vac) 2 x 288W (240 Vac)	2 x 1.2 A	£107.91

* See datasheet for recommended number of lamps per dimmer

15
CFL Lamp



Spiral

266



DD, T5C

267



S, D, T, L/E

268



T5

270

Spiral

Spiral shaped compact fluorescent lamp

- Save energy by up to 80%
- Replacement for incandescent GLS lamp
- Long life of 10,000hrs
- Compact in size
- Fast start



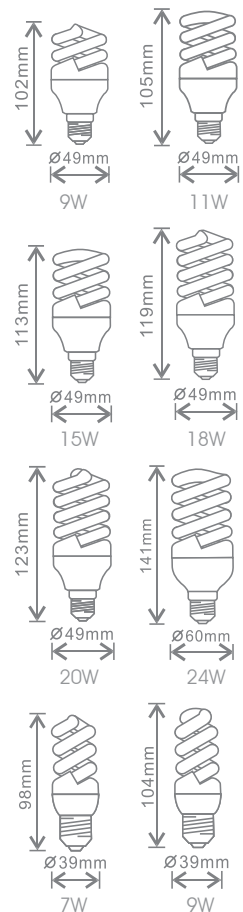
General Specification

Voltage	220-240Vac 50-60Hz
CRI	>80
Power Factor	0.55
Life Time	10,000h
Ambient Temp	-20°C to 40°C

Order Code

ECO09SP2/E27-827	KCF07SP3/B15-827
ECO11SP2/B22-827	KCF07SP3/E14-827
ECO11SP2/E27-827	KCF07SP3/B22-827
ECO11SP2/B22-840	KCF07SP3/E14-840
ECO11SP2/E27-840	KCF07SP3/E14-865
ECO11SP2/B22-865	KCF07SP3/E27-827
ECO11SP2/E27-865	KCF09SP3/B15-827
ECO15SP2/B22-827	KCF09SP3/E14-827
ECO15SP2/E27-827	KCF09SP3/B22-827
ECO15SP2/B22-840	KCF09SP3/E14-840
ECO15SP2/E27-840	KCF09SP3/B22-840
ECO15SP2/B22-865	KCF09SP3/E14-865
ECO15SP2/E27-865	KCF09SP3/B22-865
ECO18SP2/E27-827	KCF09SP3/E27-827
ECO18SP2/B22-840	
ECO18SP2/E27-840	
ECO18SP2/B22-865	
ECO18SP2/E27-865	
ECO20SP2/B22-827	
ECO20SP2/E27-827	
ECO20SP2/B22-840	
ECO20SP2/E27-840	
ECO20SP2/B22-865	
ECO24SP1/B22-827	
ECO24SP1/E27-827	
ECO24SP1/B22-840	
ECO24SP1/E27-840	
ECO24SP1/B22-865	
ECO24SP1/E27-865	

Dimensions



Quick Start

Order Code	Power	Cap	CCT	Lumen	Trade Price
ECO09SP2	9W	E27	2700K	480lm	£7.03
ECO11SP2	11W	B22 E27	2700K 4000K 6500K	620lm	£7.03
ECO15SP2	15W	B22 E27	2700K 4000K 6500K	825lm	£7.04
ECO18SP2	18W	B22 E27	2700K 4000K 6500K	1000lm	£7.68
ECO20SP2	20W	B22 E27	2700K 4000K 6500K	1100lm	£7.74
ECO24SP1	24W	B22 E27	2700K 4000K 6500K	1400lm	£10.59

Extra Mini

Order Code	Power	Cap	CCT	Lumen	Trade Price
KCF07SP3	7W	B15 B22 E14 E27	2700K 4000K 6500K	350lm	£5.78
KCF09SP3	9W	B15 B22 E14 E27	2700K 4000K 6500K	480lm	£5.79

DD, T5C

Plug-in fluorescent lamps of DD and T5C

General Specification

Voltage	230V
CRI	>80
Life Time	15,000h
Ambient Temp	-20°C to 40°C

- Save energy by up to 80%
- Long life of 15,000hrs

Order Code

KFT16STD/2p-827
KFT16STD/4p-827
KFT16STD/2p-835
KFT16STD/4p-835
KFT16STD/2p-840
KFT16STD/2p-865

KFT21STD/4p-835

KFT28STD/2p-827
KFT28STD/4p-827
KFT28STD/2p-835
KFT28STD/4p-835
KFT28STD/2p-865
KFT28STD/4p-840
KFT28STD/4p-865

KFT38STD/4p-827
KFT38STD/4p-835
KFT38STD/4p-840

KFT55STD/4p-827
KFT55STD/4p-835
KFT55STD/4p-840

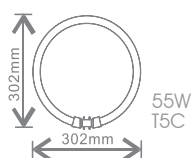
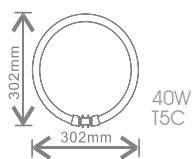
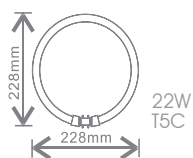
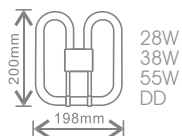
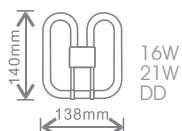
KFT22STC/4p-840

KFT40STC/4p-840

KFT55STC/4p-840



Dimensions



DD

Energy Class: **G**

Order Code	Power	Cap	CCT	Lumen	Trade Price
KFT16STD	16W	2pin(GR8) 4Pin(GR10q)	2700K	1050lm	£5.62
			3500K		
			4000K		
			4000K		
			6500K		
KFT21STD	21W	4Pin(GR10q)	3500K	1350lm	£5.82
KFT28STD	28W	2pin(GR8) 4Pin(GR10q)	2700K	2050lm	£10.19
			3500K		
			4000K		
			6500K		
KFT38STD	38W	4Pin(GR10q)	2700K	2850lm	£10.92
			3500K		
			4000K		
KFT55STD	55W	4Pin(GR10q)	2700K	3900lm	£11.56
			3500K		
			4000K		

T5C

Energy Class: **G**

Order Code	Power	Cap	CCT	Lumen	Trade Price
KFT22STC	22W	4pin(2GX13)	4000K	1900lm	£10.00
KFT40STC	40W	4pin(2GX13)	4000K	3400lm	£13.19
KFT55STC	55W	4pin(2GX13)	4000K	4300lm	£13.57

S, D, T, L/E

Plug-in fluorescent Lamps of S, D, T, L/E

- Save energy by up to 80%
- Long life of 12,000hrs



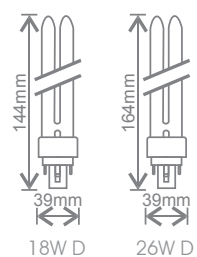
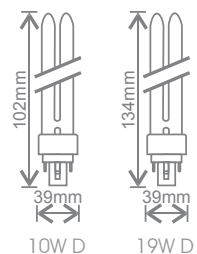
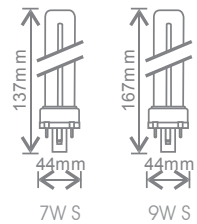
General Specification

Voltage	230V
CRI	>80
Life Time	12,000h
Ambient Temp	-20°C to 40°C

Order Code

- KFT07ST1/2p-840
- KFT09ST1/2p-840
- KFT11ST1/2p-840
- KFT10ST2/2p-840
- KFT10ST2/4p-840
- KFT13ST2/2p-840
- KFT13ST2/4p-840
- KFT18ST2/2p-840
- KFT18ST2/4p-840
- KFT26ST2/2p-840
- KFT26ST2/4p-840

Dimensions



S Energy Class:

Order Code	Power	Cap	CCT	Lumen	Trade Price
KFT07ST1	7W	2pin(G23)	4000K	400lm	£3.31
KFT09ST1	9W	2pin(G23)	4000K	600lm	£3.63
KFT11ST1	11W	2pin(G23)	4000K	880lm	£4.00

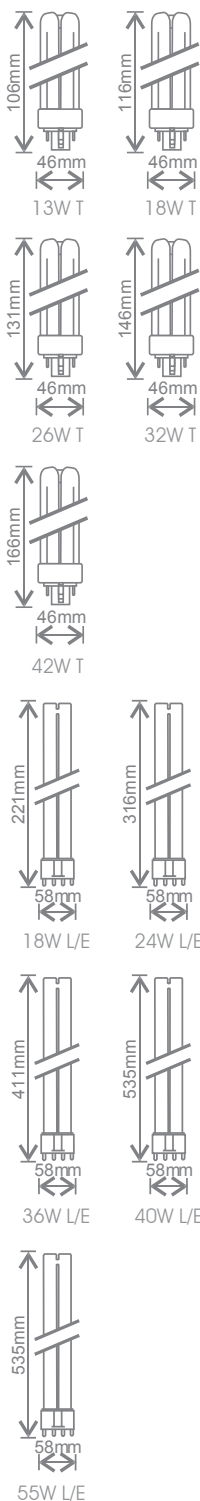
D Energy Class:

Order Code	Power	Cap	CCT	Lumen	Trade Price
KFT10ST2	10W	2pin(G24d-1) 4pin(G24q-1)	4000K	620lm	£4.46
KFT13ST2	13W	2pin(G24d-1) 4pin(G24q-1)	4000K	900lm	£4.51
KFT18ST2	18W	2pin(G24d-2) 4pin(G24q-2)	4000K	1200lm	£4.76
KFT26ST2	26W	2pin(G24d-3) 4pin(G24q-3)	4000K	1780lm	£5.20

Order Code

- KFT13ST3/4p-840
- KFT18ST3/4p-840
- KFT26ST3/4p-840
- KFT32ST3/4p -840
- KFT42ST3/4p-840
- KFT18STL/4p-840
- KFT24STL/4P-840
- KFT36STL/4P-840
- KFT40STL/4P-840
- KFT55STL/4P-840

Dimensions



T

Energy Class:

Order Code	Power	Cap	CCT	Lumen	Trade Price
KFT13ST3	13W	4pin(GX24q-1)	4000K	890lm	£5.79
KFT18ST3	18W	4pin(GX24q-2)	4000K	1200lm	£5.72
KFT26ST3	26W	4pin(GX24q-3)	4000K	1780lm	£6.69
KFT32ST3	32W	4pin(GX24q-3)	4000K	2400lm	£7.52
KFT42ST3	42W	4pin(GX24q-4)	4000K	3200lm	£8.49

L/E

Energy Class:

Order Code	Power	Cap	CCT	Lumen	Trade Price
KFT18STL	18W	4pin(2G11)	4000K	1250lm	£4.91
KFT24STL	24W	4pin(2G11)	4000K	1800lm	£5.65
KFT36STL	36W	4pin(2G11)	4000K	2400lm	£7.27
KFT40STL	40W	4pin(2G11)	4000K	3500lm	£8.24
KFT55STL	55W	4pin(2G11)	4000K	4800lm	£8.24

T5

Fluorescent T5 tubes

- Save energy by up to 80%
- Long life of 24,000hrs



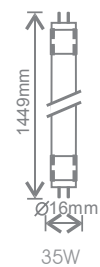
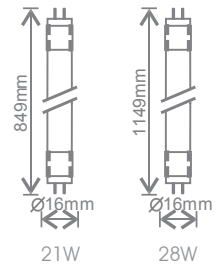
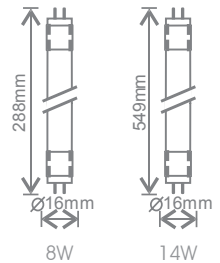
General Specification

Voltage	230V
CRI	>80
Life Time	24,000h
Ambient Temp	-20°C to 40°C

Order Code

- KFT08T5/840
- KFT14T5/840
- KFT21T5/840
- KFT28T5/840
- KFT35T5/840





Dimensions



T5 High Efficiency

Order Code	Power	Cap	Length	CCT	Lumen	Trade Price	Energy Class
KFT08T5	8W	G5	288mm	4000K	450lm	£2.38	
KFT14T5	14W	G5	549mm	4000K	1200lm	£3.49	
KFT21T5	21W	G5	849mm	4000K	1850lm	£4.20	
KFT28T5	28W	G5	1149mm	4000K	2600lm	£5.68	
KFT35T5	35W	G5	1449mm	4000K	3300lm	£7.95	

T5 High Output

Order Code	Power	Cap	Length	CCT	Lumen	Trade Price	Energy Class
KFT24T5HO	24W	G5	549mm	4000K	1750lm	£4.64	
KFT39T5HO	39W	G5	849mm	4000K	3300lm	£5.45	
KFT49T5HO	49W	G5	1449mm	4000K	4500lm	£7.95	
KFT54T5HO	54W	G5	1149mm	4000K	4650lm	£6.50	

Order Code

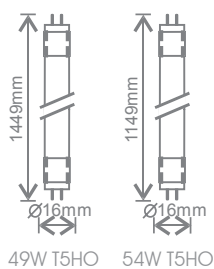
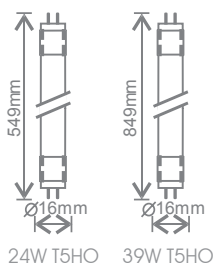
KFT24T5HO/840

KFT39T5HO/840

KFT49T5HO/840

KFT54T5HO/840

Dimensions



HALO Lamp



G9, G4

274

G9, G4

- Save energy by up to 30%
 - CRI of 100Ra
- Operating life of 2,000hrs



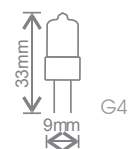
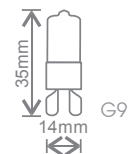
General Specification

Voltage	12V (G4)
	220-240Vac
	50-60Hz (G9)
CRI	100
Power Factor	1.00
Life Time	2,000h
Ambient Temp	-20°C to 40°C

Order Code

HAL19CPL/G9
 HAL29CPL/G9
 HAL44CPL/G9
 HAL07CPL/G4
 HAL14CPL/G4

Dimensions



G9

Energy Class:

Order Code	Power	Cap	CCT	Lumen	Trade Price
HAL19CPL	19W	G9	3000K	205lm	£1.70
HAL29CPL	29W	G9	3000K	370lm	£1.70
HAL44CPL	44W	G9	3000K	630lm	£1.70

G4

Energy Class:

Order Code	Power	Cap	CCT	Lumen	Trade Price
HAL07CPL	7W	G4	3000K	90lm	£1.35
HAL14CPL	14W	G4	3000K	235lm	£1.37

Optional drivers & Sensor compatibility guide

The below table provides a helpful guide that lists the optional dimmable driver and sensor compatibility for some of our LED luminaires. Remember, this is a guide and it is recommended to check the parameter for the LED luminaire input before committing an installation. For more information please contact sales@kosnic.com..

Rydal

Backlit LED panel

					
Order Code	KPT-MSA012-MWS	CYC050RFC25-150	CYC030TDC30-90	CYC040TDC50-105	CYC050TDC70-140
RYD30	✓	Set to 700mA	Set to 750mA	Set to 750mA	Set to 700mA







Alden & Alden Pro

Backlit LED panel

					
Order Code	KPT-MSA012-MWS	CYC050RFC25-150	CYC030TDC30-90	CYC040TDC50-105	CYC050TDC70-140
ALD20	✓	X	Set to 500mA	Set to 500mA	X
ALD28	✓	Set to 700mA	Set to 750mA	Set to 750mA	Set to 700mA
ALD30	✓	Set to 700mA	Set to 750mA	Set to 750mA	Set to 700mA
ALD1206	✓	X	X	X	Set to 1050mA
ALD3627-SCT	✓	Set to 700mA or 1000mA	X	Set to 700mA or 950mA	Set to 700mA or 900mA
ALD1203-SCT	✓	Set to 700mA or 1000mA	X	Set to 700mA or 950mA	Set to 700mA or 900mA
ALD1206-SCT	✓	X	X	Set to 700mA or 950mA(*2)	Set to 700mA or 900mA(*2)







Kali Standard

Edgelit LED panel

					
Order Code	KPT-MSA012-MWS	CYC050RFC25-150	CYC030TDC30-90	CYC040TDC50-105	CYC050TDC70-140
KLED30PNL0505	✓	Set to 700mA	Set to 750mA	Set to 750mA	Set to 700mA

Nevis

CAT 2 LED Twin Strip Louvre Panel

					
Order Code	KPT-MSA012-MWS	CYC050RFC25-150	CYC030TDC30-90	CYC040TDC50-105	CYC050TDC70-140
NEV2328-SCT	✓	Set to 600mA or 700mA	Set to 600mA or 700mA	Set to 600mA or 700mA	X







Kurve

Direct / indirect LED modular Luminaire

					
Order Code	KPT-MSA012-MWS	CYC050RFC25-150	CYC030TDC30-90	CYC040TDC50-105	CYC050TDC70-140
KMRC4030L2A	✓	Set to 700mA or 1000mA	X	Set to 700mA or 950mA	Set to 700mA or 900mA

Milo

Interior batten with edge-lit LED panel

					
Order Code	KPT-MSA012-MWS	CYC050RFC25-150	CYC030TDC30-90	CYC040TDC50-105	CYC050TDC70-140
KBTN2328LS9	✓	Set to 600mA or 700mA	Set to 600mA or 700mA	Set to 600mA or 700mA	X
KBTN3040LS9	✓	Set to 700mA or 1000mA	X	Set to 700mA or 950mA	Set to 700mA or 900mA
MIL4F28	✓	Set to 600mA or 700mA	Set to 600mA or 700mA	Set to 600mA or 700mA	X
MIL5F36	✓	Set to 700mA or 1000mA	X	Set to 700mA or 950mA	Set to 700mA or 900mA







Mauna Pro

7W Dimmable fire rated downlight with interchangeable bezel

					
Order Code	KPT-MSA012-MWS	CYC050RFC25-150	CYC030TDC30-90	CYC040TDC50-105	CYC050TDC70-140
MAU07PR	✓	Set to 300mA	Set to 300mA	X	X







Telica Fixed & Tilt

10W LED fire rated downlight with interchangeable magnetic bezel

	 Recessed motion sensor	 EasyLINK RF driver	 Dimmable driver DALI 2, 1-10V (0-10V) & PUSH button	 Dimmable driver DALI 2, 1-10V (0-10V) & PUSH button	 Dimmable driver DALI 2, 1-10V (0-10V) & PUSH button
Order Code	KPT-MSA012-MWS	CYC050RFC25-150	CYC030TDC30-90	CYC040TDC50-105	CYC050TDC70-140
TEL10W-WHT	✓	Set to 250mA	X	X	X
TEL10B-SCH	✓	Set to 250mA	X	X	X
TEL10TW-WHT	✓	Set to 250mA	X	X	X
TEL10TB-SCH	✓	Set to 250mA	X	X	X

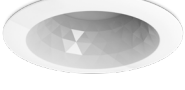





Nyos

Edge-lit circular LED panel downlight

	 Recessed motion sensor	 EasyLINK RF driver	 Dimmable driver DALI 2, 1-10V (0-10V) & PUSH button	 Dimmable driver DALI 2, 1-10V (0-10V) & PUSH button	 Dimmable driver DALI 2, 1-10V (0-10V) & PUSH button
Order Code	KPT-MSA012-MWS	CYC050RFC25-150	CYC030TDC30-90	CYC040TDC50-105	CYC050TDC70-140
KPNLLS10CF	✓	Set to 300mA	Set to 300mA	X	X
KPNLLS12CF	✓	Set to 300mA	Set to 300mA	X	X
KPNLLS18CF	✓	X	Set to 300mA	X	X

Faceta

Premium LED downlight with faceted reflector

	 Recessed motion sensor	 EasyLINK RF driver	 Dimmable driver DALI 2, 1-10V (0-10V) & PUSH button	 Dimmable driver DALI 2, 1-10V (0-10V) & PUSH button	 Dimmable driver DALI 2, 1-10V (0-10V) & PUSH button
Order Code	KPT-MSA012-MWS	CYC050RFC25-150	CYC030TDC30-90	CYC040TDC50-105	CYC050TDC70-140
KCDLLS08FR65	✓	X	X	X	X
KCDL1006FR65	✓	Set to 350mA (10W only)	Set to 350mA (10W only)	X	X
KCDL2016FR65	✓	Set to 450mA or 600mA	Set to 450mA or 600mA	X	X
KCDL2622FR65	✓	Set to 600mA or 700mA	Set to 600mA or 700mA	Set to 600mA or 700mA	X






Avalon

Modular system of LED retail downlight

					
Order Code	KPT-MSA012-MWS	CYC050RFC25-150	CYC030TDC30-90	CYC040TDC50-105	CYC050TDC70-140
KRDL1001M09	✓	Set to 250mA	X	X	X
KRDL1002M15	✓	Set to 350mA	Set to 350mA	X	X
KRDL1003M24	✓	Set to 600mA	Set to 600mA	Set to 600mA	X
KRDL1004M33	✓	Set to 800mA	Set to 800mA	Set to 800mA	Set to 800mA
KRDL1005M42	✓	Set to 1000mA	X	Set to 1050mA	Set to 1050mA





Maly

Modular system of LED retail downlights

					
Order Code	KPT-MSA012-MWS	CYC050RFC25-150	CYC030TDC30-90	CYC040TDC50-105	CYC050TDC70-140
KRDL605M15	✓	Set to 350mA	Set to 350mA	X	X
KRDL606M24	✓	Set to 600mA	Set to 600mA	Set to 600mA	X
KRDL607M34	✓	Set to 800mA	Set to 800mA	Set to 800mA	Set to 800mA
KRDL608M40	✓	Set to 1000mA	X	Set to 1050mA	Set to 1050mA

Tatio & Tatio R

Circular & rectangular LED wall washers

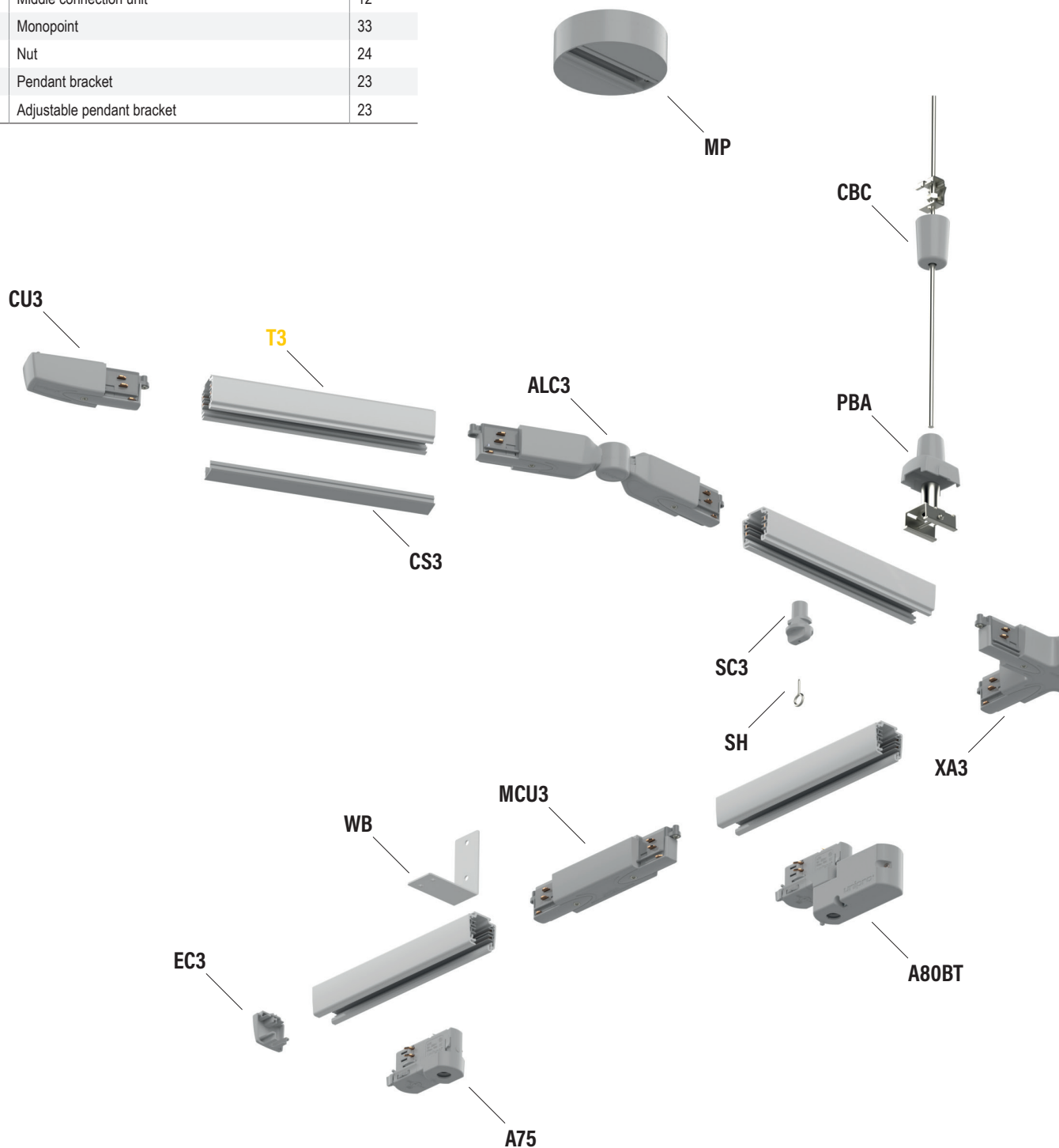
					
Order Code	KPT-MSA012-MWS	CYC050RFC25-150	CYC030TDC30-90	CYC040TDC50-105	CYC050TDC70-140
KWWDL09	✓	Set to 250mA	X	X	X
KWWDL15	✓	Set to 350mA	Set to 350mA	X	X
KWWDL24	✓	Set to 600mA	Set to 600mA	X	X
KWWDL34	✓	Set to 800mA	Set to 800mA	Set to 800mA	Set to 800mA
KWWDL25Q	✓	Set to 700mA	Set to 700mA	Set to 700mA	Set to 700mA
KWWDL35Q	✓	Set to 700mA	X	Set to 700mA	Set to 700mA

unipro[®]

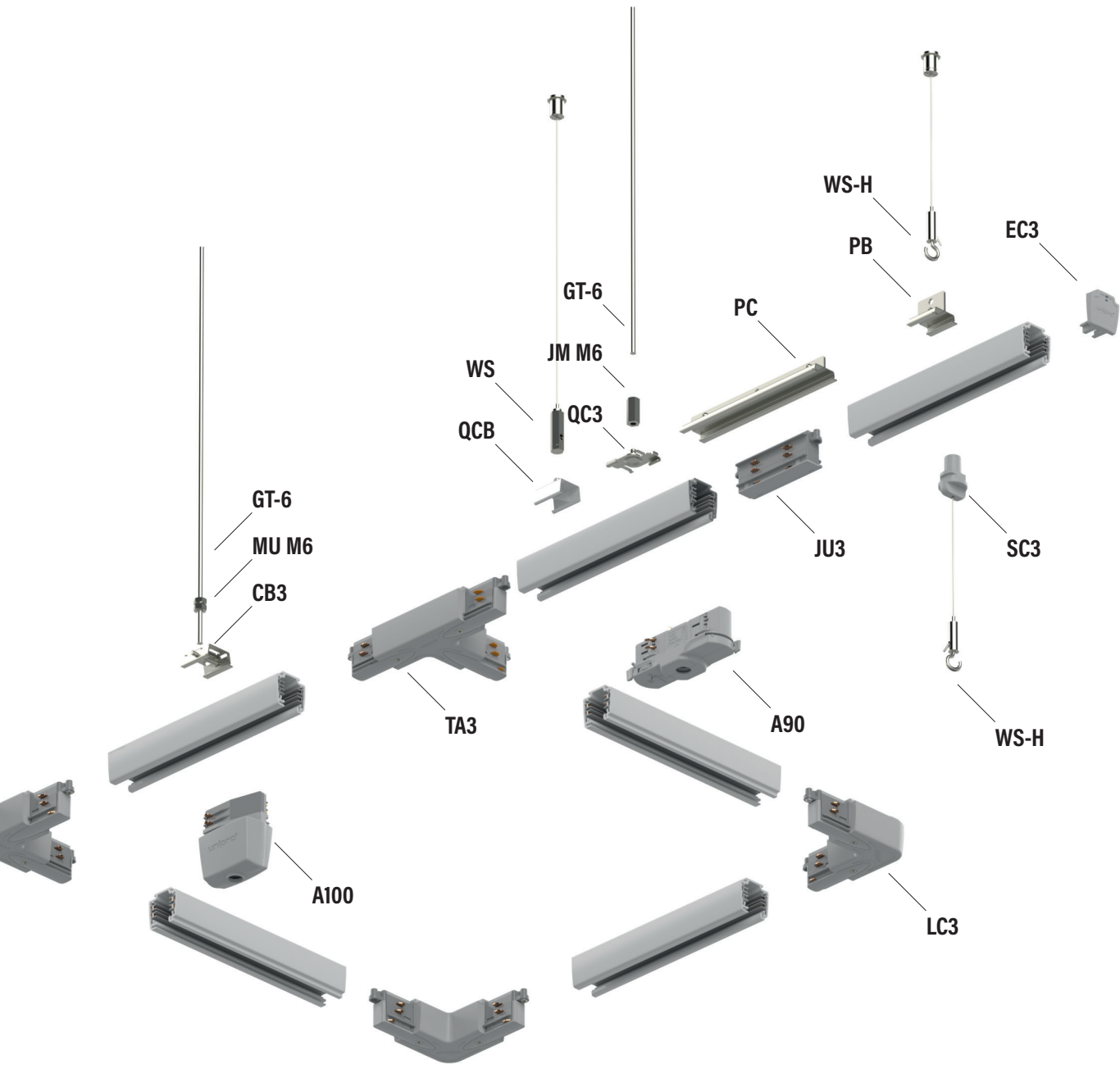
Reference

Name	Product	Page
A100	Power take-off adapter	26
A75	Luminaire adapter	31
A80BT	Bluetooth control unit	31
A90	Valaisinadapteri	31
ALC3	Adjustable corner piece	13
CBC	Kupillinen kattoriipustin	23
CS3	Cover strip	21
CU3	Connection unit	12
EC3	End cap	21
GT-6	Threaded rod M6	24
JM M6	Extension nut	24
JU3	Jointing unit	12
LC3	L-piece	13
MCU3	Middle connection unit	12
MP	Monopoint	33
MU M6	Nut	24
PB	Pendant bracket	23
PBA	Adjustable pendant bracket	23

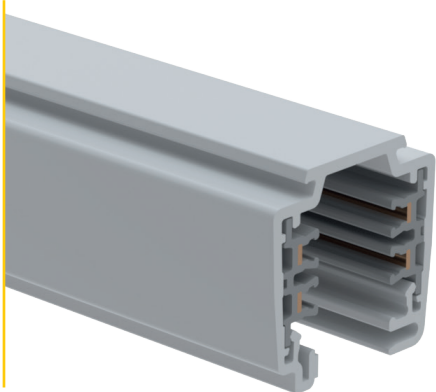
Name	Product	Page
PC	Pendant coupler	23
QC3	Quick connector	22
QCB	Quick ceiling bracket	22
SC3	Suspension clamp	24
SH	Suspension hook	24
T3	3-circuit lighting track	11
TA3	T-piece	13
WB	Wall bracket	24
WS	Wire suspension set	24
WS-H	Adjustable wire suspension set with hook	24
XA3	X-piece	13



3-circuit lighting track system



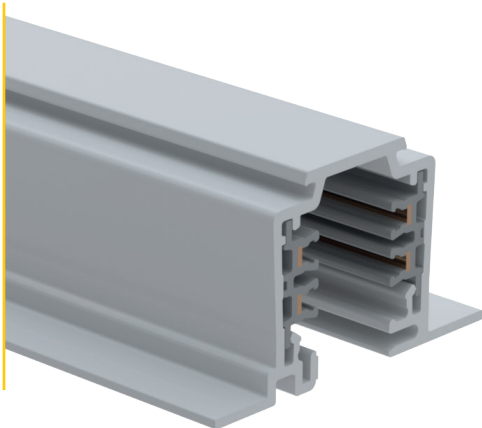
Surface 3-phase lighting tracks



Code	Name	Product
1459102	UNIPRO T32W	3-phase lighting track, white, 2 meters (surface)
1459103	UNIPRO T33W	3-phase lighting track, white, 3 meters (surface)
1459104	UNIPRO T34W	3-phase lighting track, white, 4 meters (surface)
1459232	UNIPRO T32G	3-phase lighting track, grey, 2 meters (surface)
1459233	UNIPRO T33G	3-phase lighting track, grey, 3 meters (surface)
1459234	UNIPRO T34G	3-phase lighting track, grey, 4 meters (surface)
1459302	UNIPRO T32B	3-phase lighting track, black, 2 meters (surface)
1459303	UNIPRO T33B	3-phase lighting track, black, 3 meters (surface)
1459304	UNIPRO T34B	3-phase lighting track, black, 4 meters (surface)
1459202	UNIPRO T32AD	3-phase lighting track, anodised, 2 meters (surface)
1459203	UNIPRO T33AD	3-phase lighting track, anodised, 3 meters (surface)
1459204	UNIPRO T34AD	3-phase lighting track, anodised, 4 meters (surface)

16 A | 250/400 VAC | 50 Hz | CLASS 1 IP20

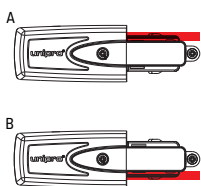
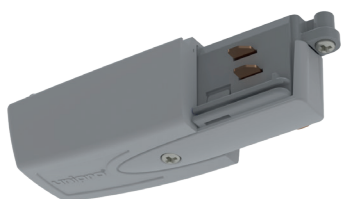
Recessed 3-phase lighting tracks



Code	Name	Product
1459112	UNIPRO T32FW	3-phase lighting track, white, 2 meters (recessed)
1459113	UNIPRO T33FW	3-phase lighting track, white, 3 meters (recessed)
1459114	UNIPRO T34FW	3-phase lighting track, white, 4 meters (recessed)
1459182	UNIPRO T32FG	3-phase lighting track, grey, 2 meters (recessed)
1459183	UNIPRO T33FG	3-phase lighting track, grey, 3 meters (recessed)
1459184	UNIPRO T34FG	3-phase lighting track, grey, 4 meters (recessed)
1459312	UNIPRO T32FB	3-phase lighting track, black, 2 meters (recessed)
1459313	UNIPRO T33FB	3-phase lighting track, black, 3 meters (recessed)
1459314	UNIPRO T34FB	3-phase lighting track, black, 4 meters (recessed)
1459212	UNIPRO T32FAD	3-phase lighting track, anodised, 2 meters (recessed)
1459213	UNIPRO T33FAD	3-phase lighting track, anodised, 3 meters (recessed)
1459214	UNIPRO T34FAD	3-phase lighting track, anodised, 4 meters (recessed)

16 A | 250/400 VAC | 50 Hz | CLASS 1 IP20

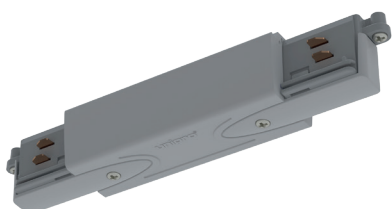
Connection unit unipro® CU3



Code	Name	Product
1459121	UNIPRO CU3AW	Connection unit, white (earthing A)
1459122	UNIPRO CU3BW	Connection unit, white (earthing B)
1459221	UNIPRO CU3AG	Connection unit, grey (earthing A)
1459222	UNIPRO CU3BG	Connection unit, grey (earthing B)
1459321	UNIPRO CU3AB	Connection unit, black (earthing A)
1459322	UNIPRO CU3BB	Connection unit, black (earthing B)

Power supply option. Select the correct earthing option. Screw terminals for 3x1,5mm² - 5x2,5mm² wires. Compatible with 3-circuit system.

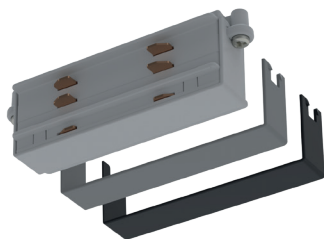
Middle connection unit unipro® MCU3



Code	Name	Product
1459131	UNIPRO MCU3W	Middle connection unit, white
1459231	UNIPRO MCU3G	Middle connection unit, grey
1459331	UNIPRO MCU3B	Middle connection unit, black

Power supply option. Screw terminals for 3x1,5mm² - 5x2,5mm² wires. Compatible with 3-circuit system.

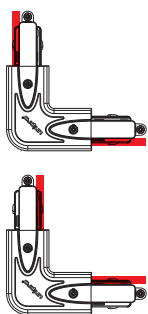
Joining unit unipro® JU3



Code	Name	Product
1459199	UNIPRO JU3	Joining unit

Joining unit for unipro® -T3 series lighting tracks. Product comes with grey and black covers, cover can be installed by pressing it on top of the joining unit. Compatible with 3-circuit system.

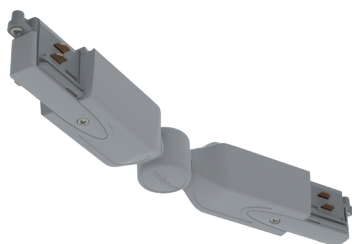
L-piece unipro® LC3



Code	Name	Product
1459141	UNIPRO LC3W	L-piece, white
1459241	UNIPRO LC3G	L-piece, grey
1459341	UNIPRO LC3B	L-piece, black

Power supply option. The earthing line position can be changed on site, by screwing the lid open, turning the frame by 180°, and by screwing the lid back on. Screw terminals for 3x1,5mm² - 5x2,5mm² wires. Compatible with 3-circuit system.

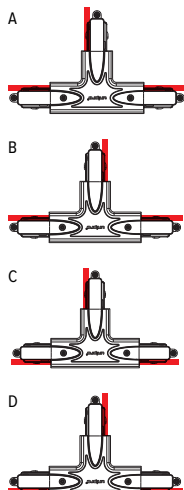
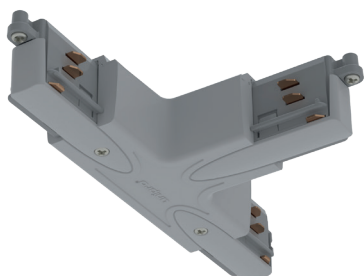
Adjustable corner unipro® ALC3



Code	Name	Product
1459151	UNIPRO ALC3W	Adjustable corner, white
1459251	UNIPRO ALC3G	Adjustable corner, grey
1459351	UNIPRO ALC3B	Adjustable corner, black

Horizontal adjustment range 0 ± 120°. Compatible with 3-circuit system.

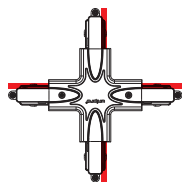
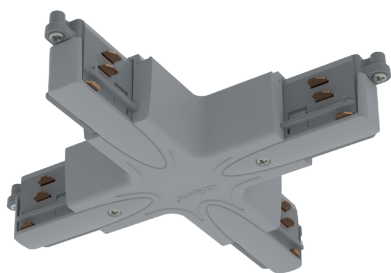
T-piece unipro® TA3



Code	Name	Product
1459161	UNIPRO TA3AW	T-piece, white (earthing A)
1459162	UNIPRO TA3BW	T-piece, white (earthing B)
1459163	UNIPRO TA3CW	T-piece, white (earthing C)
1459164	UNIPRO TA3DW	T-piece, white (earthing D)
1459261	UNIPRO TA3AG	T-piece, grey (earthing A)
1459262	UNIPRO TA3BG	T-piece, grey (earthing B)
1459263	UNIPRO TA3CG	T-piece, grey (earthing C)
1459264	UNIPRO TA3DG	T-piece, grey (earthing D)
1459361	UNIPRO TA3AB	T-piece, black (earthing A)
1459362	UNIPRO TA3BB	T-piece, black (earthing B)
1459363	UNIPRO TA3CB	T-piece, black (earthing C)
1459364	UNIPRO TA3DB	T-piece, black (earthing D)

Power supply option. Select the correct earthing option. Screw terminals for 3x1,5mm² - 5x2,5mm² wires. Compatible with 3-circuit system.

X-unit unipro® XA3



Code	Name	Product
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1459171	UNIPRO XA3W	X-piece, white
1459271	UNIPRO XA3G	X-piece, grey
1459371	UNIPRO XA3B	X-piece, black

Power supply option. Screw terminals for 3x1,5mm² - 5x2,5mm² wires. Compatible with 3-circuit system.

End cap unipro® EC3

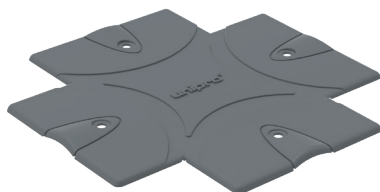


Code	Name	Product
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1459181	UNIPRO EC3W	End cap, white
1459281	UNIPRO EC3G	End cap, grey
1459381	UNIPRO EC3B	End cap, black

End cap for T3-lighting tracks. Compatible with 3-circuit system.

Cover plate unipro® CP3

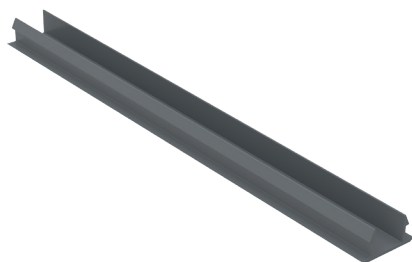


Code	Name	Product
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1459191	UNIPRO CP3W	Cover plate, white
1459291	UNIPRO CP3G	Cover plate, grey
1459391	UNIPRO CP3B	Cover plate, black

Cover plates are used in recessed lighting track systems, to cover the CU and MCU connection units, and the L-, T- and X-pieces. The cover plate can be folded to the shape suitable for covering the parts to be hidden. Compatible with 3-circuit system.

Cover strip unipro® CS3

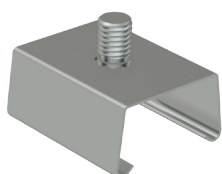


Code	Name	Product
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1459444	UNIPRO CS3W	Cover strip, white
1459445	UNIPRO CS3B	Cover strip, black

Cover strip for unipro® lighting tracks. Length 2m.

Quick ceiling bracket unipro® QCB

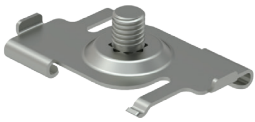


Code	Name	Product
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1459421	UNIPRO QCB W	Quick ceiling bracket, white
1459422	UNIPRO QCB G	Quick ceiling bracket, grey
1459423	UNIPRO QCB B	Quick ceiling bracket, black

Fast to install without tools. Can be used with the wire suspension set WS, and threaded rod GT-6 L=1000 EG with extension nut JM M6 EG. Pull strength 150 N (15kg). Compatible with 3-circuit / Control-DALI systems.

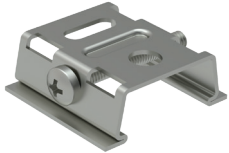
Quick connector unipro® QC3



Code	Name	Product
1459100	UNIPRO QC3G	Quick connector

Fast to install without tools. Can be used with the wire suspension set WS, and threaded rod GT-6 L=1000 EG with extension nut JM M6 EG. Pull strength 80 N (8kg). Compatible with 3-circuit / Control-DALI systems.

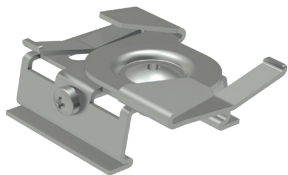
Ceiling bracket unipro® CB3



Code	Name	Product
1459401	UNIPRO CB3W	Ceiling bracket, white
1459402	UNIPRO CB3G	Ceiling bracket, grey
1459403	UNIPRO CB3B	Ceiling bracket, black

Steel. Can be used with the wire suspension set WS and the threaded rod GT-6 L=1000 EG. Pull strength 200 N (20kg). Compatible with 3-circuit / Control-DALI systems.

Ceiling bracket unipro® CB3 T-BAR



Code	Name	Product
1459451	UNIPRO CB3W T-BAR	Ceiling bracket for T-bar, white
1459452	UNIPRO CB3G T-BAR	Ceiling bracket for T-bar, grey
1459453	UNIPRO CB3B T-BAR	Ceiling bracket for T-bar, black

Steel. Can be attached directly to 24mm T-bar. Pull strength 50 N (5kg). Compatible with 3-circuit / Control-DALI systems.

Pendant bracket unipro® PB



Code	Name	Product
1459407	UNIPRO PB W	Pendant bracket, white
1459408	UNIPRO PB G	Pendant bracket, grey
1459409	UNIPRO PB B	Pendant bracket, black

Steel. Can be used with the hooked wire suspension set WS40H, or just with wires. Pull strength 200 N (20kg). Compatible with 3-circuit / Control-DALI systems.

Pendant coupler unipro® PC



Code	Name	Product
1459431	UNIPRO PC W	Pendant coupler, white
1459432	UNIPRO PC G	Pendant coupler,, grey
1459433	UNIPRO PC B	Pendant coupler,, black

Steel. Recommended to be used where two tracks have been joined with the jointing unit JU3 or CJU3. Pull strength 200 N (20kg). Compatible with 3-circuit / Control-DALI systems.

Adjustable pendant bracket unipro® PBA



Code	Name	Product
1459404	UNIPRO PBA W	Adjustable pendant bracket, white
1459405	UNIPRO PBA G	Adjustable pendant bracket, grey
1459406	UNIPRO PBA B	Adjustable pendant bracket, black

Adjustment range 0-30mm. Can be used with the threaded rod GT-6 L=1000 EG. Pull strength 200 N (20kg). Compatible with 3-circuit / Control-DALI systems.

Ceiling bracket with cup unipro® CBC



Code	Name	Product
1459434	UNIPRO CBC W	Ceiling bracket with cup, white
1459435	UNIPRO CBC B	Ceiling bracket with cup, black

Can be used with the threaded rod GT-6 L=1000 EG. Pull strength 100 N (10kg). Compatible with 3-circuit / Control-DALI systems.

Wall bracket unipro® WB



Code	Name	Product
1459436	UNIPRO WB W	Wall bracket, white
1459437	UNIPRO WB B	Wall bracket, black

Steel. Recommended to be used with ceiling bracket CB3. Pull strength 30 N (3kg). Compatible with 3-circuit / Control-DALI systems.

Suspension clamp unipro® SC3 and suspension hook SH

SH

SC3



Code	Name	Product
1459440	UNIPRO SC3W	Suspension clamp, white
1459441	UNIPRO SC3G	Suspension clamp, grey
1459442	UNIPRO SC3B	Suspension clamp, black

Wire suspension set unipro® WS



Code	Name	Product
1459410	UNIPRO WS15	Adjustable wire suspension set, length 1,5m
1459411	UNIPRO WS40	Adjustable wire suspension set, length 4,0m
1459412	UNIPRO WS60	Adjustable wire suspension set, length 6,0m
1459415	UNIPRO WS15 B	Adjustable wire suspension set, black, length 1,5m
1459416	UNIPRO WS40 B	Adjustable wire suspension set, black, length 4,0m
1459414	UNIPRO WS40H	Adjustable wire suspension set with hook, length 4,0m

WS sets intended for the CB3, QC3 and QCB brackets. WS40H is intended for the PB and PC brackets. WS pull strength 150N (15kg), WS40H pull strength 100 N (10kg)

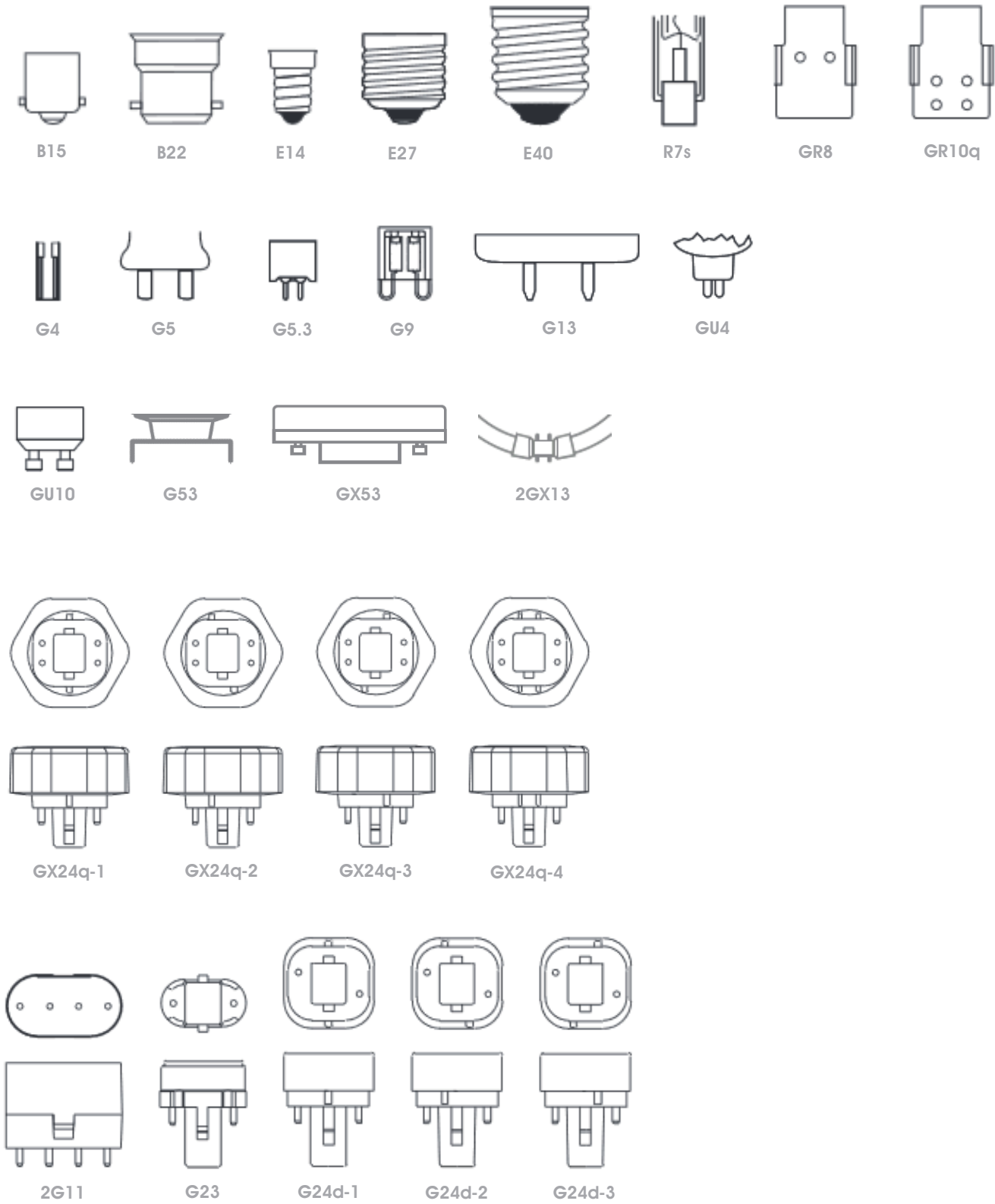
Other mounting equipment



Code	Name	Product
1459420	GT-6 L=1000 EG	Threaded rod M6, length 1,0m
1459426	SS-6 W	Plastic tube for the threaded rod M6, white
1459425	JM M6 EG	Extension nut for threaded rod M6
1459427	MU M6 EG	Electro-galvanised nut M6

Cap (lamp Bases)

Summary of the different caps available. For more information, do not hesitate to contact us.



IP, Ingress Protection

IPxx	1st digit – Solid Bodies	2nd digit – Liquid
0	No protection	No protection
1	Protection against solid bodies greater than 50mm	Protection against vertical drops of water on a device in normal position
2	Protection against solid bodies larger than 12mm	Protection against drops of water with an inclination of 15 ° maximum compared to the normal position, for one side
3	Protection against solid bodies larger than 2,5mm	Protection against rainwater if it does not have an angle of more than 60 ° with the vertical
4	Protection against solid bodies larger than 1mm	Protection against splashing water
5	Protection against dust deposits	Protection against spraying water jets
6	Protection against the penetration of dust (waterproof)	Protection against water waves, powerful jets
7		Protection against temporary immersion
8		Protection against prolonged immersion

IK, Impact resistance index

IKxx	Definition
0	No Protection
01	Protected against a shock equivalent to falling from a weight of 150g to a height of 10cm
02	Protected against a shock equivalent to falling from a weight of 200g to a height of 10cm
03	Protected against a shock equivalent to falling from a weight of 250g to a height of 15cm
04	Protected against a shock equivalent to falling from a weight of 250g to a high of 20cm
05	Protected against a shock equivalent to falling from a weight of 350g to a high of 20cm
06	Protected against a shock equivalent to falling from a weight of 250g to a height of 40cm
07	Protected against shock equivalent to falling from a weight of 500g to a height of 40cm
08	Protected against a shock equivalent to falling from a weight of 1250g to a height of 40cm
09	Protected against a shock equivalent to falling from a weight of 2500g to a height of 40cm
10	Protected against a shock equivalent to falling from a weight of 5000g to a height of 40cm

Classification: protection against electric shock

IKxx	Definition
Class 0	Functional insulation without earth connection
Class 1	Functional insulation with earth terminal, equipotential bonding
Class 2	Reinforced insulation without accessible metal parts. Double insulation without grounding
Class 3	Luminaires operating at very low voltage safety (SELV) of 50V maximum

The difference between fire-rated & TP(b)/TP(a)

	Definition
Fire-rated	Fire rated is the prevention of fire going upwards, e.g. if the ceiling is fire rated for 60 minutes then putting a hole in the ceiling and putting a fire rated lamp in it will not affect the fire rating and will still prevent the fire spreading upwards for 60minutes.
TBA/TPB is the prevention of fire spreading across.	
TP(a)	(Speed) that the fire will self-extinguish in about 5 seconds.
TP(b)	The fire will self-extinguish within or less than 50mm per minute.
ALL Kosnic panels are designed to go with fire resisting ceilings, for example a grid ceiling is not usually fire rated, the fire rated comes from the concrete in-between the levels.	

CIBSE recommended lighting levels

The below table provides a helpful guide to the CIBSE recommended lighting levels for the most common premises types. Remember, this is a guide and any specific building requirements need to be carefully considered, for more information please contact project@kosnic.com

Area	Recommended Lighting Level	Area	Recommended Lighting Level
Offices			
General	500 Lux	Drawing Office	500 Lux
Computer Work Stations	300 – 500 Lux	Drawing Boards	750 Lux
Filing Rooms	300 Lux	CAD Design Areas	300 – 500 Lux
Print Rooms	300 Lux		
Retailing			
Small Retail Outlets	500 Lux	DIY Superstore	1000 Lux
Supermarkets	750 Lux	Garden Centres	500 Lux
Hypermarkets	1000 Lux	Showrooms	500 – 750 Lux
Engineering			
Tool Shops	300 – 750 Lux	Heavy Machine Assembly	300 Lux
Arc Welding	300 Lux	Inspection and Testing	500 – 2000 Lux
Spot Welding	500 – 1000 Lux		
Banks & Building Societies			
Counter Offices	500 Lux	Public Areas	300 Lux
Staff Areas			
Changing Rooms & Toilets	100 Lux	Restaurants & Canteens	200 Lux
Rest Rooms	150 Lux		
Kitchens			
Serving & Washing Up Areas	300 Lux	Food Stores	150 Lux
Food Preparation & Cooking	500 Lux		
General Areas			
Entrance Halls & Lobbies	200 Lux	Gatehouses	200 Lux
Enquiry Desks	500 Lux		
Circulation Areas			
Lifts	100 Lux	Atria	50 – 200 Lux
Corridors & Stairs	100 Lux	Atria with Plants	500 – 3000 Lux
Escalators/Conveyors	150 Lux	Entrances/Exits	200 Lux
Communication			
Switch Boards	300 Lux	Post Rooms	500 Lux
Building Services Areas			
Boiler House	100 Lux	Mechanical Plant Rooms	150 Lux
Control Rooms	300 Lux	Electrical Plant Rooms	100 Lux
Distribution & Storage			
Loading Bays	150 Lux	Trade Counter	500 Lux
Unpacking & Sorting	200 Lux	Warehouse/Bulk Stores	100 Lux
Large Item Stores	100 Lux	Packing & Dispatch	300 Lux
Small Item Stores	200 Lux	Cold Stores	300 Lux
Places of Public Accessibility			
Churches & Village Halls	300 Lux		
Lighting Levels for Hospitals			
Lighting Levels for Hospitals and Health Care Centres are specialised and complex, seek guidance from the C.I.B.S.E guide for interior lighting. These levels are based on the C.I.B.S.E guide for interior lighting and cover only the most common applications.			

Recommended Lighting for offices

Lighting can be a big part of the productivity and atmosphere of the office, studies show that light can improve staff wellbeing and create a dynamic and motivating environment.

Kosnic luminaries and controls have the flexibility to use the space as needed. Offices don't always stay the same and desks often get moved around.



The variety of Emergency lighting

- Planning emergency lighting

When planning emergency lighting it is important to think of all the different types of lighting required and what areas need it. Each room, entrance and exit of a building requires a certain lux level in emergency mode. Our emergency spacing tables can help you get an idea of what you require (page...) At Kosnic our project team can also assist you with all the requirements needed. They can calculate the lux level needed and advise the best product and quantity to use.

The flexibility of the Universal Emergency Module is suitable for ALL LED class III luminaires. The Kosnic-developed Adaptive Current Control (ACC) adjusts the DC voltage output within the module's limits to the appropriate level for the luminaire. It then adjusts the current to limit the power to a maximum of 3W to ensure operation time of three hours, as specified by BS 5266.

With the extensive range of self-contained exit signs Kosnic can accommodate the emergency lighting requirements for any office. Each 3-hour emergency exit bulkhead can be maintained or non-maintained and has the necessary choice of directional graphics.

Comfort and wellbeing

- The importance of glare control and LG7

All areas of high concentration, such as office settings, require flicker free lighting and specific lighting levels depending on what activity is being carried out. In office areas the well-being of the worker is essential for productivity. The lighting and the type of lighting used can have many effects on the working environment.

Kali-Pro panels are designed to offer ultra-low glare (UGR < 19*) levels, making them perfect for the office environment. This is achieved by the use of a specially designed optical film, which consists of a matrix of micro lenses that reduce the light emitting angle from the panel. This is extremely important (and beneficial) when it comes to meeting CIBSE guidelines and LG7 for office lighting installations.

Advancing energy efficiency

Kosnic offer a wide selection of adaptive controls, gears and motion sensors to suit the flexibility of any type of office. By eliminating the need of manually adjusting numerous lighting switches within an office area, can massively increase the energy efficiency and contribute to the productivity of staff. Studies show that by having the right light levels in an office area can increase productivity.

Adaptive controls - To help control the lux levels in an office use the daylight harvesting control near windows, the driver automatically adapts the lighting to the ambient conditions by dimming the panel output to maintain the required illumination level, saving even more energy.

Control gears/motion sensors - For less frequently used rooms such as small meeting rooms having automatic motion sensors enable simple energy saving solutions. The CYANIRIS Microwave Presence Sensor for LED Panels uses light only when and where you need it. The sensor automatically switches the panel on and off and it also has a built-in light sensor which can be used to prevent the panel from switching on above a set lux level.

Using the wireless Radio Frequency controlled LED Drivers in boardrooms and meeting rooms allows the user to control the light levels with a remote. The remote controls can operate up to 4 different sets of drivers and luminaires allowing the user to control the light levels where the focus needs to be.



What is emergency lighting

UK legislation requires all occupied business and public building escape routes and exits to have a minimum of one lux of light in an emergency situation to allow a safe exit should the mains power fail. In an emergency it is required that all emergency luminaires have power for at least 3 hours and the light output is roughly 10% normal light levels.

The Fire Precautions (Workplace) Regulations 1997 & BS5266 part 1 - require building owners to test emergency lighting systems regularly and maintain them in proper working order.

What is Self-Test? (also commonly known as AutoTest)

Self-Test emergency luminaires have a built in system that automatically carries out routine testing to ensure they are working well and have no system errors; they automatically signal if there is a fault that requires action. By removing the need to test the luminaire manually, Self-Test is highly cost effective.



Maintained and Non-Maintained Luminaires

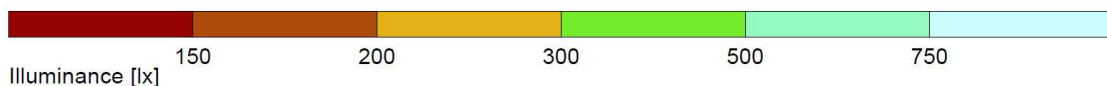
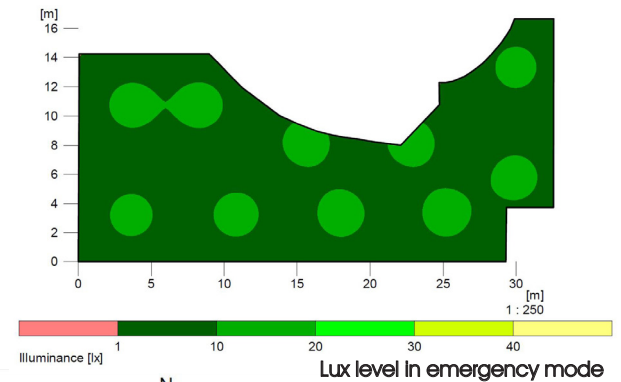
Maintained luminaires operate as normal light fittings during everyday operation and can be controlled with all other luminaires in the area.

Non-maintained Luminaires

Non-maintained luminaires remain off during everyday operation, only illuminating when mains power fails.

Kosnic Project Team Scheme with emergency lighting added

Type	No.	Make
1	9	Kosnic Order No. : KTWB30PNL-W40 Luminaire name : 30w LED Twin Bar Panel - Cool White Equipment : 1 x LED 30W / 3200 lm
2	3	Order No. : KTWB30PNL-W40 Luminaire name : 30w LED Twin Bar Panel - Cool White Equipment : 1 x LED 30W / 3200 lm



DALI/PUSH/1-10V dimming: What's the difference and which to choose?

A range of our luminaires can be used with a choice of dimmable drivers. Below is an explanation of the differences between the most common types of dimming controls to help you choose the option that best suits your requirements. As always for more information please refer to the datasheet of the product you are wishing to add a dimming system to.

DALI (Digital Addressable Lighting Interface)

These dimmer switches use a digital protocol to send a dimming control signal to a driver down separate wires to the mains supply. They do not directly control the energy passed to the driver. Lamps are never (directly) DALI dimmable. DALI is a standard so any DALI dimmer switch will work for a DALI dimmable driver.

PUSH Dimming (Switch Dim, Analogue)

A dimming method using a simple retractive (non-latching) switch. The input from the switch to the driver is in addition to the main power supply to the driver. With Primary PUSH dimming, an additional live with a retractive switch and a neutral are connected to the driver. Normally a short push of the switch turns the driver on/off, while a long push dims up and down. The switch operation is the same with Secondary PUSH dimming but the supply to the switch comes from and returns to the driver via the retractive switch, usually at a reduced voltage. PUSH dimming may also be called Switch DIM.

1-10V Dimming (analogue)

These dimmer switches are similar to DALI but use an extra low voltage analogue control signal (1-10V) to a driver on separate wires to the mains supply. They do not directly control the energy passed to the driver. Lamps are never directly 1-10V dimmable. 1-10V is a standard so any 1-10V dimmer switch should work for a 1-10V dimmable driver. 1-10V dimming systems require a switch that controls the mains supply on/off and the separate 1-10V dimming signal

Dimmable Switches – for our dimmable drivers there is NO set recommended dimmer switch. All you will need is a DALI switch for a DALI driver, a 1-10V switch for a 1-10V driver and a retractive switch for PUSH dimming. For more detailed information on the switches, such as the number of switches needed per install we always recommend going to the manufacturer's documentation.



Glossary

1-10V Dimming:

Simple yet reliable electronic lighting control system used to communicate between controller and device, through the use of two low voltage wires in addition to power supply cables. A similar protocol to DALI but with a control signal of DC voltage that varies between 1-10V.

Accent Lighting:

Using a light source to directly highlight an object or part of a specified area using a beam angle less than 90°.

Ambient Temperature Range (or Operating Temperature):

The temperature of the environment where an LED light source is installed. Operating an LED light source beyond the specified operating temperature will lower the LEDs life span.

Beam Angle:

The angle at which light is distributed or emitted between two imaginary lines radiating from the face of the light source. At this point, the intensity of the light is 50% of the central intensity. Light output is not restricted to this beam.

Cap (or Lamp Base):

The part of the lamp that is used to make contact with and conduct electricity in a luminaire. Common types of domestic cap include threaded E27 and E14, bayonet B22 and B15, G9 capsule and GU10. The cap type also determines the voltage supply that can be connected and differentiates between mains voltage and lower safety voltages.

COB LED:

Chip on Board LED technology that interconnects bare LED chips to a substrate material by conductive or non-conductive adhesive. Electrical connection is achieved with wire bonding, packaged together by silica gel, epoxy resin or other materials. The COB system provides several related benefits such as greater flexibility in design, better light distribution, better colour mixing and a simpler manufacturing process.

Colour Rendering Index (CRI):

A measurement of the amount of colour shift an object undergoes when illuminated by a light source. This is compared with the colour of the same object seen under a reference light source of comparable temperature. LED light CRI values generally range from 60 (average) to 90 (best). High CRI equates to more natural colour.

Luminous Flux (lumen or lm):

The rate of light emitted by a light source, measured in lumens. Directional lamps (such as spotlights) must now state the useful luminous flux, which is the luminous flux measured within a restricted cone of 90° angle. This differs from total luminous flux, which measures total light output in all directions.

Correlated Colour Temperature (CCT):

Expressed in degrees Kelvin (K), it is the colour of a light source relative to a reference source at a particular temperature. Incandescent lighting typically has a low colour temperature of around 2800K and gives an orange tone known as Warm White. Cool White is rated at around 4000K and contains less of the yellow light. Lamps of 6000K and above tend to have more blue in the spectrum and are often referred to as Daylight.

Current:

The flow of electrical charge through a circuit, measured in Amperes. With alternating current (AC) the movement of electric charge periodically reverses direction. With direct current (DC) the flow of electric charge is only in one direction. It is important to match the voltage and current of the power supply or driver to the light source.

DALI:

DALI (Digital Addressable Lighting Interface) is a standard protocol for controlling lighting. The system transfers control signals between controller and device (such as dimmable DALI LED drivers) via two low voltage wires in addition to the power supply cables.

Dimmable:

The facility to reduce the light level of a lamp or luminaire through an external control device. With dimmable LED lamps it is important to realise that not all dimmer switches will provide effective, smooth and flicker free dimming therefore guidelines on compatibility should be consulted.

Energy Class:

The energy efficiency of the product is calculated from the wattage, useful luminous flux and some correction factors. Classes range from A++ to G according to formulas in EU directives, with A++ being the most energy efficient and G the least efficient.

Equivalent Wattage:

The wattage of an equivalent incandescent lamp. This is calculated from the useful luminous flux and beam angle once correction factors have been applied, in formulas specified by EU directives according to technology type.

Fire Rated:

Building regulations specify that divisions between certain properties and functional spaces are separated by partitions (such as fire rated ceilings) in order to slow the spread of fire. When a cut out is made for a downlight or recessed luminaire, the product itself must be suitably fire rated in order to maintain the integrity of the ceiling's fire rating.

UGR:

UGR (Unified Glare Ratio) is a method used to evaluate the direct glare from luminaires in a room when assessing the entire lighting installation at a defined observer position.

Lux (or Illuminance):

The amount of luminous flux falling on a surface measured in lumens per metre², lm/m² or lux.

IP Rating:

An IP rating (Ingress Protection) is a two digit code given to an electrical item to indicate the degree of protection afforded by the enclosure. The first digit represents protection against penetration by solid objects accessing hazardous parts, the second describing the enclosure's protection against the ingress of water. IP44 is protection from objects over 1mm and water splashing from multiple directions, IP65 indicates protection from dust and low pressure jets of water.

LED:

LEDs (Light Emitting Diodes) are solid state devices that do not require the heating process of a filament to create light. Instead, electricity is passed through a chemical compound that once activated generates light. LEDs are not lamps in themselves, they require assembly with ancillary component parts and connection to a circuit board. This will allow electricity to pass through at a specified voltage and current while managing heat dissipation.

PIR Sensor:

PIR (Passive Infrared) sensor is an electronic device that detects the infrared radiation emitted from an object in its field of view. They are most often used in motion detectors and rely on line of sight to detect movement.

Lifetime:

This usually refers to the average operational life of a light source until failure, or at a specified lumen maintenance level. A lifetime expressed as L70B50 would be defined as the average time until 50% of the samples fail or drop to a lumen maintenance level of 70%.

Lumen Maintenance:

How well a light source retains its intensity over an extended period of time when compared to new. Typically, a high power LED lamp will retain 70% of its intensity for between 30,000 and 50,000 hours. This means a good quality LED lamp will run for 8 hours per day for 13 years at 70% of its original intensity compared to new. No other type of light source can do this.

Luminaire:

A luminaire is a light fixture or fitting used to create artificial light through use of a replaceable or non-replaceable lamp. The lamp requires a luminaire to connect to a power supply but a luminaire does not necessarily require a lamp.

PUSH Dimming:

A dimming method using a simple retractive (non-latching) switch. The input from the switch to the driver is in addition to the main power supply to the driver. With Primary PUSH dimming, an additional live with a retractive switch and a neutral are connected to the driver. Normally a short push of the switch turns the driver on/off, while a long push dims up and down. The switch operation is the same with Secondary PUSH dimming but the supply to the switch comes from and returns to the driver via the retractive switch, usually at a reduced voltage. PUSH dimming may also be called Switch DIM.

SMD LED:

An SMD (Surface Mount Device) is a simple, low profile LED suitable for mounting on a PCB. The LEDs are powerful and bright with a long lifespan, but should be arranged in arrays to achieve the illumination level expected from luminaires and lamps.

Maintained / Non-Maintained**Emergency Luminaire:**

A maintained emergency luminaire may be energised at all times. A non-maintained emergency luminaire is only energised when the power supplied to normal lighting fails.

Microwave Sensor:

An automatic lighting control that detects when an area is occupied to switch lighting on. Microwave sensors transmit an inaudible microwave that can penetrate non-metallic objects such as glass and plastic, monitoring reflections from walls or objects in the room irrespective of heat or light. Line of sight issues do not affect microwave sensors as any solid object movement changes the pattern of the reflections and activates the sensor. This enables them to be enclosed for protection, creating sensitive devices that are activated by motion and unaffected by temperature and climate.

LED Driver:

Control gear that maintains a constant electrical supply to an LED light source. This includes circuitry to rectify the alternating current supply into direct current and convert the voltage to an appropriate value.

Power Factor:

The ratio of real power used to do work to the apparent power supplied to the circuit, which is caused by the voltage and the current being out of phase with each other. A load with a low power factor draws more current than a load with a high power factor for the same amount of useful power transferred.

Voltage:

The potential difference in electrical charge between two points in an electrical field. The greater the voltage, the greater the pressure of electrical current. As with current, the voltage can be direct or alternating. However, direct voltage maintains the same polarity while the polarity reverses direction periodically in alternating voltage. The number of complete cycles per second is the frequency. Many products run directly from the normal alternating current at mains supply voltage but some products require a lower voltage supply. In this case, an LED driver is required between the mains voltage supply and the lamp or luminaire to supply an appropriate lower voltage.

Wattage (Power/Load):

This is the rate of energy consumed by an electrical device in operation, expressed as Watts. It is related to voltage and current by the following formula: Voltage x Amps x Power Factor = Watts. The total amount of energy used to run an electrical device is calculated as wattage x hours used.

Warranty Policy

LED Lighting Product Warranty:

Kosnic Lighting Ltd warrants that all LED lighting products comply with their published specifications and are free from defects in materials and workmanship for the respective periods of time set forth below.

Kosnic LED lighting products with rated life of greater than 25,000 hours are warranted for 3-5 years dependant on product type. Other Kosnic LED lighting products are warranted for 2 years. All CFL and halogen Kosnic Lighting products are warranted for 1 year. All Luminaire premium products (as described in the Evolve catalogue) are warranted for 5-7 years dependant on product type. An extended 5/7-year warranty can be offered on other products if the 'Application for an extended 5/7-year warranty form' is approved. All standard product warranty terms can be found in the Evolve catalogue. Should a Kosnic LED lamp or luminaire fail within the warranty period from the invoice date, Kosnic will provide replacement products free of charge. The acceptance of any claim under this warranty is subject to our warranty terms and conditions.

If the product is no longer available, Kosnic will provide the closest alternative product or the value of alternative product at its absolute discretion. If a close alternative product is not available, Kosnic will reimburse the warranty holder with the last price paid for the original product. The obligation to replace any product under the terms of this warranty shall only apply where it has been used for its intended or ordinary purpose and provided always that the following conditions have been met:

Kosnic LED products must be installed correctly, in accordance with the product information detailed on our packaging, instruction sheets, product data sheets and best industry practice.

Kosnic LED products under this warranty should not be operated over 5000 hours per year on average within the warranty period. If the Kosnic LED product is intended to be used for more than 5000 hours a year, a separate Warranty will be issued upon request.

Kosnic LED products are designed to operate within the following parameters:

Ambient Temperature: -20°C to +40°C

Relative Humidity: <80%

LED Lamps Fitted Into Open Luminaries:

Kosnic LED lamps are designed to be used in "open luminaries" and should have a minimum of 10mm air flow around the body of the lamp.

LED Lamps Fitted Into Enclosed Luminaries:

Kosnic LED lamps are not designed to be used in completely enclosed luminaries where air flow is prevented. The lamp life of Kosnic LED lamps in such fittings will be reduced and is unquantifiable and as such will fall outside of the terms of this warranty.

Kosnic Mains Voltage LED Products:

Kosnic mains voltage LED products are designed to operate at 230V (+/- 10%) 50-60Hz. Any fluctuation in excess of this will invalidate the terms of this warranty.

Kosnic 12V LED Products:

For all Kosnic 12V LED lamps, this warranty will only be valid if they are used with 12V DC constant voltage LED Driver. Unless stated otherwise, the use of halogen lamp transformer with kosnic 12V LED products invalidates this warranty

Kosnic LED Tubes:

The Kosnic LED tube range must be installed as directed in the installation guide. LED tubes may be used in enclosed luminaires, however they must operate in an ambient temperature between -20°C to +40°C and have a minimum of 10mm air gap around the tube.

Compatibility:

Kosnic Lighting Ltd cannot be held responsible for incompatibility of any lamp or luminaire with other manufacturers' transformers, drivers, dimmers or control gear. A guide to compatibility is published on the Kosnic web site and is available on demand. Technical advice is always available upon request.

Warranty Terms and Conditions:

1. Scope of Warranty

1.1 The warranty shall only apply to Kosnic branded lighting products sold in the UK (the 'Product') and shall apply for the benefit of a purchaser or end user (the 'User').

1.2 In these terms Kosnic refers to Kosnic Lighting Limited.

- 1.3 Kosnic warrants that the Product will be free from defects in material and workmanship.
- 1.4 The warranty set out herein shall be valid for the specified warranty period from the invoice date of purchasing the product.
- 1.5 If the Product fails, Kosnic will provide free replacement of the failed Product subject to the terms and conditions set out herein.

2. Terms and Conditions

- 2.1 If the Product as covered by this warranty is returned by a User in accordance with clause 3 below and within the applicable warranty period referred to at clause 1.4 herein and upon examination Kosnic determines to its satisfaction that such Product failed to satisfy this warranty, Kosnic will, at its sole option, repair or replace the Product or the defective part thereof, or reimburse the User for the purchase price.
- 2.2 The repair, replacement or otherwise of the Product shall not include any removal or reinstallation activities, costs or expenses, including without limitation, labour costs or expenses.
- 2.3 If Kosnic elects to replace the Product and is not able to do so because it has been discontinued or is not available, Kosnic may, at its sole option, replace the product with a comparable product or offer a reimbursement of the purchase price.
- 2.4 If required by Kosnic, the non-conforming or defective Product or part thereof shall become its property as soon as they have been replaced.
- 2.5 This warranty shall not apply where the Product has not been properly wired and installed and operated within the electrical values, operating range and environmental conditions provided in the specifications, application guidelines, IEC standards or any other document accompanying the Products. If a Product is found to be defective or not performing in accordance with the product specifications, the User must notify Kosnic in writing.
- 2.6 This warranty does not apply to damage or failure to perform arising as a result of any act of god or from any abuse, misuse, abnormal use or use in violation of any applicable standard, code or instructions for use including without limitation those contained in the latest safety, industry and/or electrical standards for the relevant region(s).
- 2.7 This warranty shall be void in the event any repairs or alterations, not duly authorised by Kosnic in writing, are made to the Product by any person. The manufacturing date of the product has to be clearly readable.
- 2.8 The decision of Kosnic as to the validity of any claim under this warranty shall be final.

3. Warranty Claims

- 3.1 The period set out at clause 1.4 herein shall be subject to a representative of Kosnic having access to the failed product or system for verification of non-compliance if required at Kosnic's sole option.
- 3.2 Any claim under this warranty must be reported to Kosnic within 30 days of discovery and any Product or part thereof returned promptly to Kosnic at its request.
- 3.3 Any claim under this warranty must be made in writing and specify details of the failed Product, purchase date, installation date, description of problem, number and percentage of failures, date-code of failures, application, hours burned and switching cycles.
- 3.4 If a warranty claim is accepted by Kosnic, it will pay for reasonable packaging and postage costs.
- 3.5 In the event that a claim is subsequently rejected, Kosnic may charge the User for the costs of investigation and reasonable packaging and postage costs.

4. No implied or other warranties

- 4.1 This warranty and the rights and remedies contained within it shall be the only warranties given by Kosnic in relation to the Product and are given in lieu of all other warranties, whether express or implied, including without limitation warranties of quality or fitness for a particular purpose, which warranties are hereby disclaimed.
- 4.2 This warranty sets out the entire liability and obligation of Kosnic to the User and the User acknowledges that it or their sole and exclusive remedy in connection with defective or nonconforming Products supplied by Kosnic, whether or not such damages are based on any warranty not explicitly mentioned herein, tort, contract or any other legal basis, even if Kosnic has been advised or is aware of such defects.
- 4.3 No agent, distributor or dealer is authorised to change, modify or extend the terms of this warranty on behalf of Kosnic.

5. Limitations and conditions

- 5.1 This warranty excludes, among other items, installation, providing access to products (scaffolding, lifts, etc.), and special, incidental and consequential damages (such as loss of revenue/profits, damage to property or other miscellaneous costs not previously mentioned), and is further defined by the limitations and conditions set forth in the warranty policy as published from time to time.
- 5.2 Kosnic accepts no liability for electrical supply conditions, including supply spikes, over-voltage/under-voltage and Ripple Current control systems that are beyond the specified limits of the products and those defined by relevant supply standards (e.g. EN 50160 norms).

Terms and Conditions of Sales

General

"The Company" means Kosnic Lighting Limited.

"The Conditions" means Terms and Conditions of Sales.

"The Goods" means the goods agreed to be supplied by the Company.

"The Purchaser" means any firm or company that has agreed to buy the goods. The company reserves the right to amend the Conditions. All quotations are made and all orders are accepted subject to these conditions.

Quotations & Orders

(a) The Company reserves the right to withdraw its offer or revise Purchaser's acceptance of a quotation unless such quotation is stated to be open within a certain period of time. Any sample submitted to the Purchaser is returnable as long as the sample is in a resalable condition.

(b) The Company reserves the right to accept or cancel orders, as well as to cancel the balance of any uncompleted order or to suspend delivery in the event of any of the Purchaser's commitments to the Company not being met or if the Company is of the opinion that such commitment will not be met by the Purchaser.

Prices

(a) All prices quoted are net and subject to VAT, where applicable, at the standard rate as published by HMRC at the time of supply

(b) The price payable for the Goods will be the price as agreed between the Company and the Purchaser or, if there is no agreement as to price, the Company's list price ruling at the date of invoice.

(c) The Company reserves the right to place any of its products on promotion at any time and subsequently withdraw product promotions at any time. The Company cannot be held responsible for orders placed on the standard pricing terms before and after the promotional activity.

Payment

(a) Unless otherwise agreed in writing, payment in full is due on the date of the Goods being dispatched.

(b) A 30-day account may be made available to the Purchaser subject to the Company's acceptance, at its sole discretion, of a satisfactory credit account application from the Purchaser.

(c) In the event of default in payment by the due date, the Company reserves the right to charge late payment interest on the overdue amount at the stated statutory rate per annum as published by HMRC plus the prevailing bank base rate of interest as published by HSBC Bank Plc from the point when the payment becomes overdue.

Descriptive matter and Illustration

(a) All descriptions and illustrations and particulars of weights and dimensions and performance criteria issued by the Company in catalogues, price lists, advertising matter and specifications are by way of general descriptions and approximate only, and shall not form part of any contract or give rise to any liability on the part of the Company.

(b) It is the policy of the company to endeavour to develop and improve its products, and accordingly the Company reserves the right to change all specifications without prior notification or public announcement pursuant to such policy, provided that nothing in this Clause shall oblige the Purchaser to accept goods which do not reasonably comply with the contract.

Delivery

(a) The delivery fee is included in the price quoted, unless advised otherwise.

(b) All times or dates for delivery of the goods given by the Company are approximate only and shall not be of the essence of the contract.

(c) The purchaser will sign the Company's delivery note for the receipt of the Goods. If the Purchaser signs "unexamined" the Company will deem this to be an acknowledgement of the receipt of all pallets boxes, cartons or packages specified in the delivery note in good condition.

Storage

If the Company does not receive forwarding instructions sufficient to enable it to deliver the goods within 14 days after the date of notification to the Purchaser that they are ready for dispatch, the Company shall be entitled to arrange storage whether as its own premises or elsewhere on the Purchaser's behalf whereupon risk in the goods shall pass to the Purchaser. The purchase price of such goods shall become payable by the Purchaser and all costs of storage and insurance of the goods shall be payable by the Purchaser

Loss or damage in transit

(a) Except where the Purchaser collects the goods from the Company, the Company will credit in full any goods damaged in transit or not delivered in accordance with the Delivery Note, provided that this has been clearly indicated on the relevant documentation at the time of delivery.

(b) Where an entire delivery has not been received the Company will credit all items in full provided that the Company has received written notification within 10 working days of the date of invoice.

Returned goods

The Company will only accept the return of the Goods if they are faulty, have been damaged in transit between the Company and Purchaser or if the wrong goods have been delivered. In no other circumstances will goods be accepted as returned. The cost of carriage for returns is at the expense of the Purchaser.

Force Majeure

The Company shall bear no liability for any loss or damage suffered by the Purchaser if the Company is prevented from fulfilling a Purchaser's order as a result of industrial dispute or any cause beyond its reasonable control or any liability of the Company to procure materials required for the performance of the order. The Company shall suspend or make partial deliveries or extend the time or times for delivery.

Passing of property and risk

(a) The risk in the goods shall pass to the Purchaser immediately on delivery of the goods to the Purchaser.

(b) Notwithstanding delivery and the passing of risk, property in and title to the Goods shall remain with the Company until the Company has received payment of the full price of all Goods which are the subject of the contract and all other goods supplied by the Company to the Purchaser under any contract whatsoever.

Legal construction

All contracts to which these Conditions of Sale apply shall in all respects be construed and operate as an English contract and in conformity with English law.

Specline Products

Product range	Product name	Product code	Page number	MOQ
Retail and Display	Aloba	KTDL24GL-S30-BLK	215	12
Retail and Display	Avalon	Whole Range	202-207	48*
Retail and Display	Azure	Whole Range	214	24
Surface Luminaire	Codale	Whole Range	93	100
Amenity Exterior Luminaire	Epping	Whole Range	187	100
Floodlight	Vermillion	Whole Range	164	1
Retail and Display	Maly	Whole Range	208-211	50
Surface Luminaire	Meola	Whole Range	92	1
Linear Luminaire	Nile II	Whole Range	118-119	200
Street Light	Nix	Whole Range	170	10
Retail and Display	Tatio	KWWDL15-S30-CHM KWWDL15-S30-SLV KWWDL15-S50-CHM KWWDL15-S50-SLV	212	1
Retail and Display	Tatio	KWWDL24-B40 KWWDL34-B40 KWWDL34-S40	212	8
Retail and Display	Tatio-R	KWWDL35Q-W30 KWWDL35Q-W60	213	8

All specification products are lead time dependant as they are factory order only. To find out more details please call the sales office on 01635 523 713 or email sales@kosnic.com.

*** Some MOQ's can be negotiated, project dependant ***

Important Information

The information, technical specification and photography contained in this catalogue is representative of general models, correct at the time of going to press. All dimensions and weight given are advisory and should be checked and confirmed prior to any crucial installation procedures such as ceiling cut-outs taking place.

Whilst suggestions regarding luminaire and lamp applications are given, it is the responsibility of the installer to verify suitability.

Kosnic lighting Ltd reserves the right to make any modification necessary to parts or details without prior notice. The information contained in this publication does not form part of any contract with Kosnic lighting Ltd and any item supplied is done in full accordance of our Terms and Conditions of Sales (copy available on request)



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