

**Kosnic**

E V O L V E 1

# New age of lighting

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LED Filament  
Globe Lamp

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

With a product portfolio of over 1000 items, our LED lamps, luminaires and modules 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's headquarters are in Newbury Berkshire, with

manufacturing bases located in the UK and China. In addition, the company has a dedicated research laboratory, the Kosnic Technology Centre based in Shanghai, dedicated to maximising the energy, aesthetics and cost-saving potential of LED technology for our customers.

#### **Accreditations**

In 2015, Kosnic was awarded ISO 9001:2008 accreditation for quality management systems and underwent a stringent evaluation process to join the elite group of Accredited Suppliers to The Carbon Trust, an independent organisation that is championing a sustainable future through the use of renewable, energy-efficient and low carbon technologies.



## **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 and supporting products.

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

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, our dedicated team of Account Managers always available to help your business succeed right through to our Returns Team ready to resolve any issues.

### Internal Sales Team

At Kosnic our customers are important to us, so we have an Internal Sales Team to ensure they have all the information they require to help promote the Kosnic Lighting range. With our monthly special offers and other promotions, we help our customers sell quality products at the best prices. There is no hard telephone sales calls - just a friendly call to make sure Kosnic customers are happy customers.

### Showroom & meeting rooms

Our showroom facility demonstrates the latest in Kosnic LED lighting technology but is also available 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: [sales@kosnic.com](mailto:sales@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.

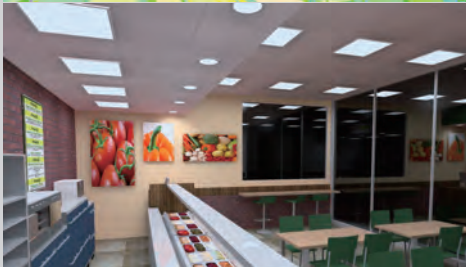
Lighting will typically account for around 25% to 40% of a buildings energy usage. Kosnic LED lighting can dramatically reduce this, using between 50% and 90% less energy than traditional lamp types such as halogen, fluorescent or filament.

## What We Do

Services available to you include:

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

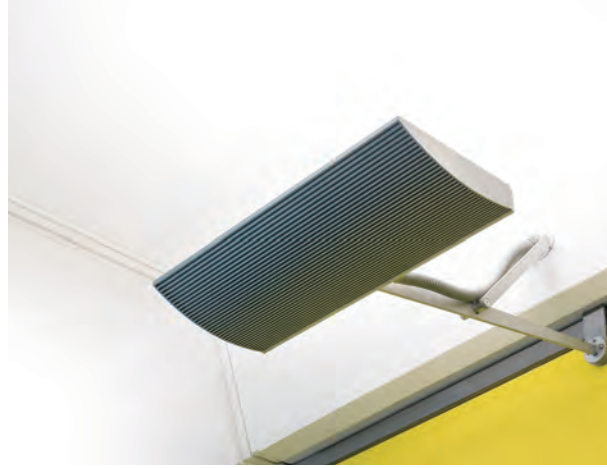
Working closely with our Wholesale and Distribution partners, our aim is to help you build a compelling business case to persuade customers of the benefits of switching to a Kosnic LED solution.



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 and Site Surveys

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.

## 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.

# Bespoke Design

Bespoke Services: Kosnic has many LED products particularly well suited to specification and project work. But from time to time the best solution needs to be tailor-made.

With our technical expertise and ability to turn a conceptual idea into a finished product within very short lead times, whilst maintaining 100% product quality at every stage, makes Kosnic the first and obvious choice for Bespoke Solutions.

We are able to provide a complete specification, design and manufacturing service for those who wish to create an ideal and unique luminaire for a specific purpose or environment.

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Worklight P118

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LED Lamp P125

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CFL Lamp P166

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HALO Lamp P174



## Blanca

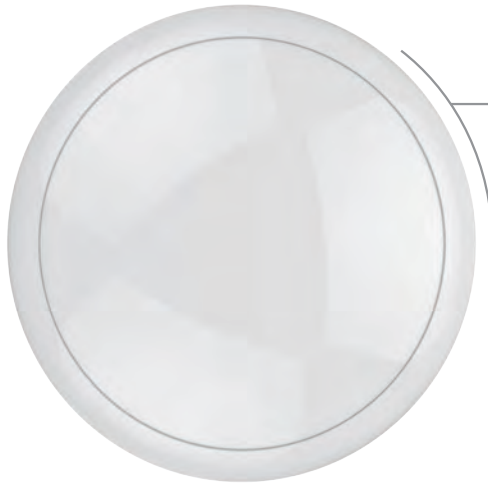
LED Bulkhead with Detachable Ring  
for LED DD Lamps

See Page 51  
**AVAILABLE NOW**

## Blanca-i

LED Bulkhead with Detachable Ring  
with Integrated LED Tray

See Page 53  
**AVAILABLE NOW**



## Pico

Twist & Lock LED Bulkhead  
for LED DD Lamps

See Page 56  
**AVAILABLE NOW**

## Pico-i

Twist & Lock LED Bulkhead  
with Integrated LED tray

See Page 55  
**AVAILABLE August 2017**





## Viso

Vandal Resistant Bulkhead with Detachable Ring for LED Lamps

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**AVAILABLE August 2017**



## Indus-i

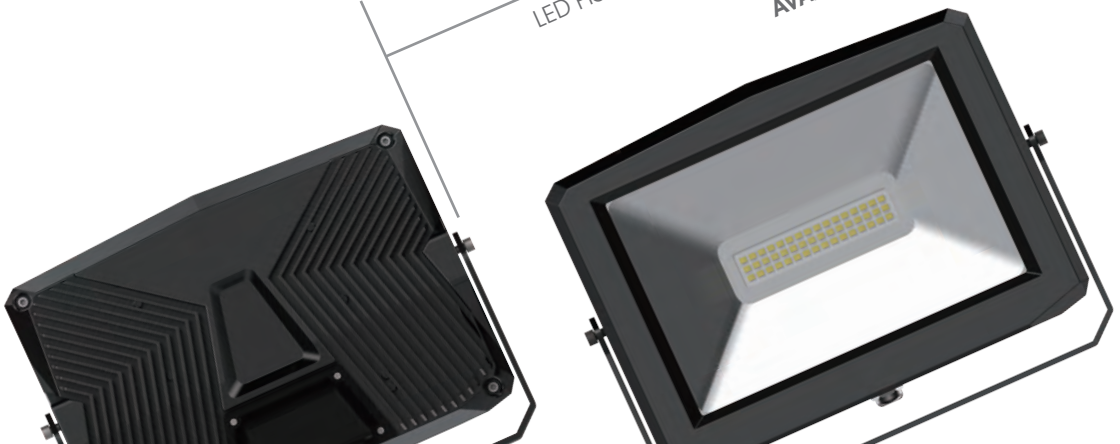
LED Non-Corrosive Fitting with Integrated LED Tray

See Page 87  
**AVAILABLE August 2017**

## Della-Pro

LED Flood Light with Detachable PIR sensor

See Page 76  
**AVAILABLE Sept. 2017**



## Nitro

Non-Maintained Emergency Downlight  
with Standard and Corridor Lens

See Page 28  
**AVAILABLE July 2017**

## Manot

Maintained & Non-Maintained Emergency Exit  
Sign / Bulkhead

See Page 26  
**AVAILABLE July 2017**



## Orda

Non-Maintained Twin Spot Emergency Light  
IP65

See Page 29  
**AVAILABLE July 2017**



## Self-Test UEM

Plug & Play Universal Emergency Module  
with Self-Test Function

See Page 22  
**AVAILABLE August 2017**

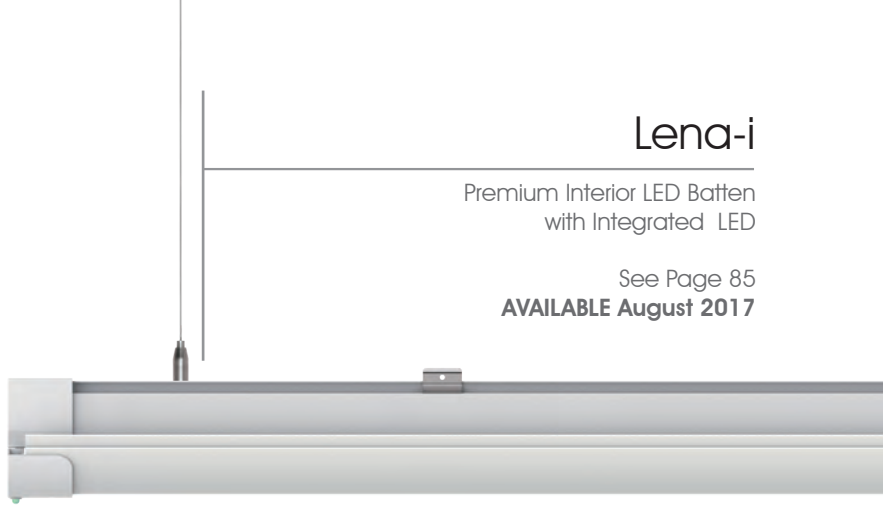




## Lena-i

Premium Interior LED Batten  
with Integrated LED

See Page 85  
**AVAILABLE August 2017**



## Twin Bar LG7

Twin Bar with Vacuum Formed Diffuser  
for LG7 compliance

See Page 40  
**AVAILABLE Now**



## Kali-Pro

Low Glare & High Efficient LED Panel  
UGR < 17

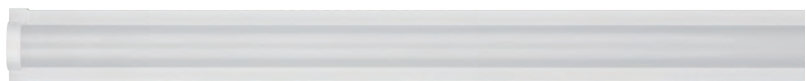
See Page 33  
**AVAILABLE Now**



## Lena-Eco

Interior LED Batten with Integrated LED

See Page 86  
**AVAILABLE August 2017**



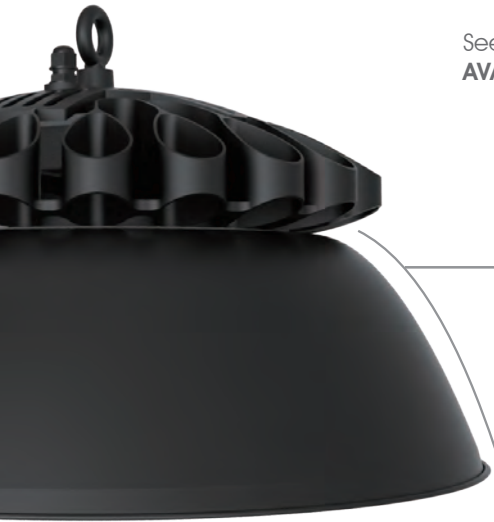


**Arcus-Compact**  
100W Compact Rectangular Low Bay  
See Page 98  
**AVAILABLE NOW**

## Echo

IP65 LED Circular High Bay  
with Optional PC Reflector

See Page 101  
**AVAILABLE Sept. 2017**



## Nimbus-DOB

IP65 Long Life Circular High Bay  
with Driver on Board Technology

See Page 100  
**AVAILABLE July 2017**



## Nimbus

Ultra Efficient IP65 Circular High Bay

See Page 99  
**AVAILABLE August 2017**

## Airline

Modular LED Linear Lighting System  
Ideal for Under-cabinet Lighting

See Page 107  
**AVAILABLE NOW**



## Beacon

110V Tubular Worklight with Optional Stand

See Page 121  
**AVAILABLE August 2017**



## Cube

110V Portable Folding Worklight

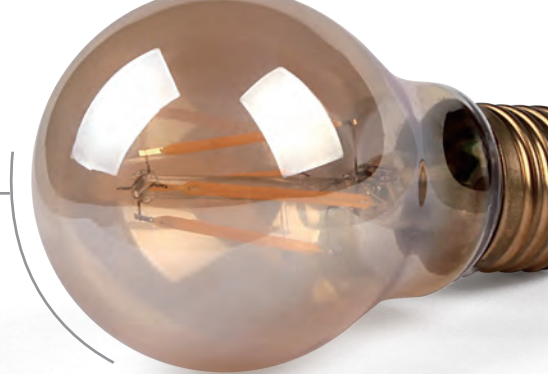
See Page 120  
**AVAILABLE August 2017**

## Dimmable

Fully Dimmable LED Filament Lamps  
Flicker Free & Wide Compatability

See Page 148

**AVAILABLE Sept. 2017**



## Tec Dim2Warm

Dimmable Retrofit LED GU10 Lamp  
with Dim2Warm Effect

See Page 134

**AVAILABLE July 2017**

## Music Lamp

Colour changing LED lamp with Bluetooth Speaker  
Use with Android/Iphone App

See Page 151

**AVAILABLE July 2017**



## AR111/ES111

New LED AR111/ES111 Lamp  
with G53/GU10 base

See Page 140

**AVAILABLE July 2017**





## Doughnut

100W & 150W High Bay Lamp  
E40 Base

See Page 132  
**AVAILABLE July 2017**



## Petal

35W, 50W & 65W High Bay Lamps  
E40 & E27 Base

See Page 131  
**AVAILABLE Sept. 2017**



## Reon PAR

PAR16, PAR30 & PAR38 LED Lamps

See Page 163  
**AVAILABLE NOW**



## LED R7s

Retrofit LED R7s Lamps  
78mm & 118mm

See Page 133  
**AVAILABLE August 2017**





Emergency



UEM

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Self Test UEM

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DD EME

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Self Test  
DD EME

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Manot

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Nitro

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Orda

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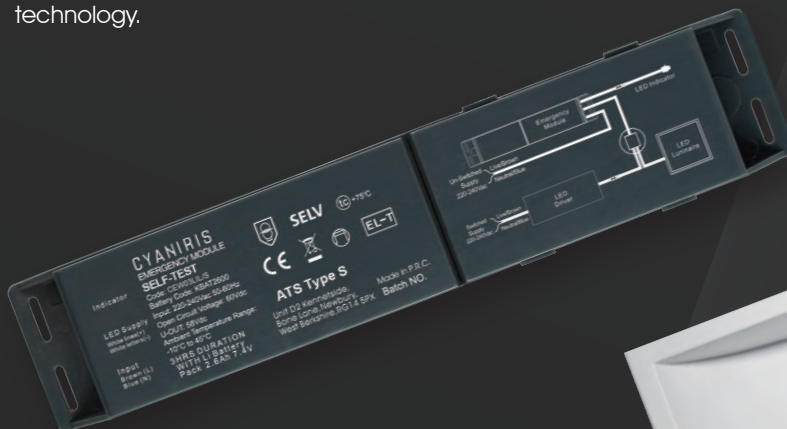
# Universal Emergency Module

Designed For

# ALL Class III\* LED Luminaires

Kosnic's Universal Emergency Module (UEM) is suitable for ALL LED luminaires (Class III) with a separate external LED driver, regardless of their manufacturer. Both innovative and unique, it's the ONLY universal emergency module of its kind that uses Adaptive Current Control (ACC) - developed at the Kosnic Technology Centre (KTC).

With ACC, the UEM's built-in LED driver finds the forward voltage of the LED module and automatically adjusts the output current to provide a predefined "constant wattage", around 3W. This ensures the discharge time remains constant regardless of the choice of LED luminaire, delivering the required 3 hours of light when operated in emergency mode as stated by BS 5266. This product has a granted patent (Instant Emergency Conversion, GB 2 503 708) and pending patent on the ACC technology.



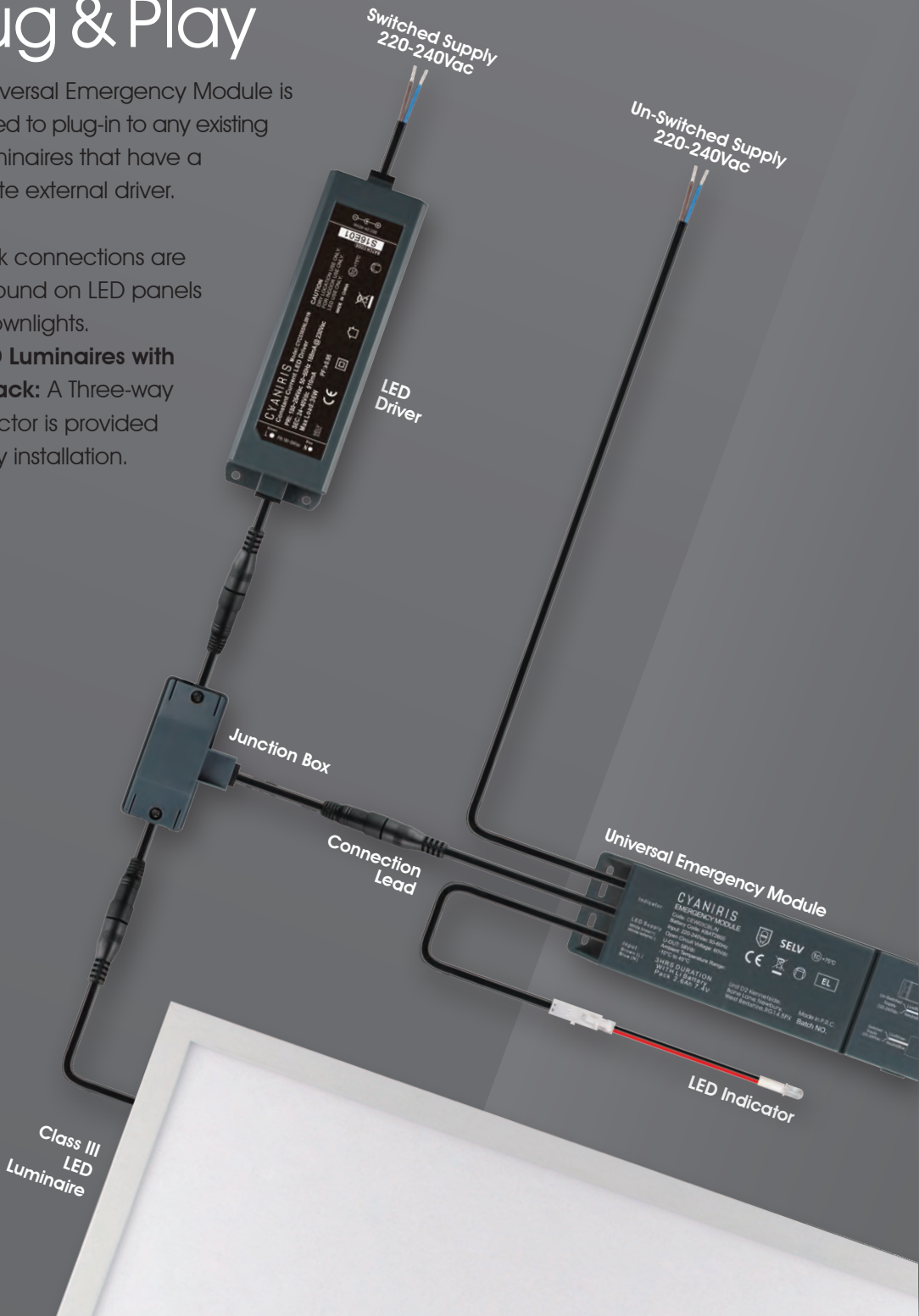
# Installation

## Plug & Play

Our Universal Emergency Module is designed to plug-in to any existing LED luminaires that have a separate external driver.

DC jack connections are often found on LED panels and downlights.

**For LED Luminaires with a DC jack:** A Three-way Connector is provided for easy installation.

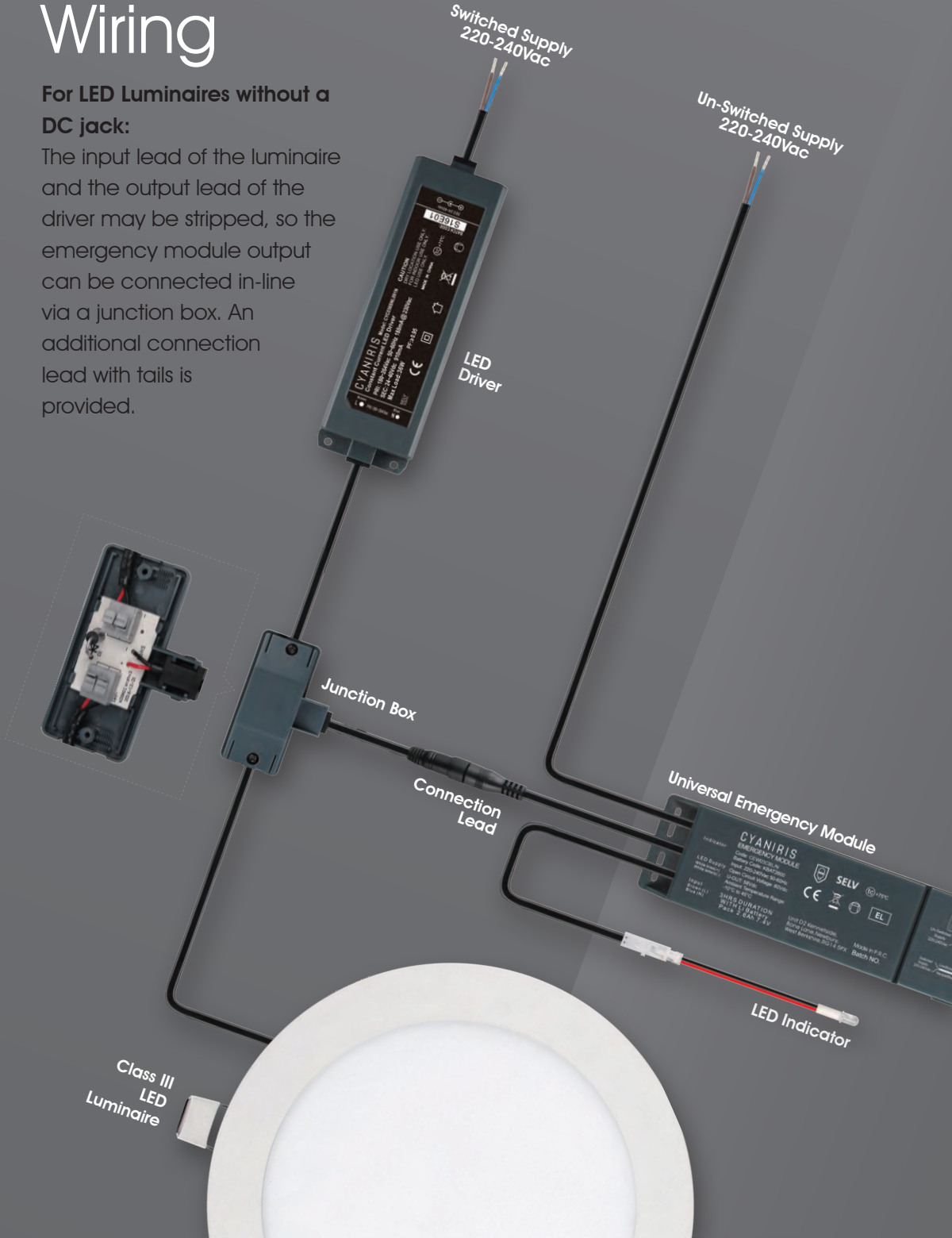


# Installation

## Wiring

### For LED Luminaires without a DC jack:

The input lead of the luminaire and the output lead of the driver may be stripped, so the emergency module output can be connected in-line via a junction box. An additional connection lead with tails is provided.



**3** Years  
Standard Warranty

**5** Years  
Extended Warranty

**4** Years  
Battery  
Standard Warranty

**Included**



Universal  
Emergency  
Module



Connection  
Lead



Green LED  
Indicator



Three-way  
Connector



Recessed Holder  
for LED Indicator

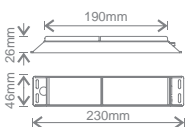
**General  
Specification**

Input Voltage 220-240Vac  
50-60Hz  
Input Current (max) 35mA  
Emergency Conversion Time 1s  
Emergency Operation Time >3h  
Protection Class II, IP20  
Charging Time 12h  
Battery Voltage 7.4V  
Battery Life 4 Years  
Ambient Temp -10°C to 45°C  
Maximum Case Temp 75°C

**Order Code**

CEW03LIL/N

**Dimensions**



# UEM

## Standard universal emergency module

- Designed for use with all LED luminaires with external driver (class III)
  - Easy plug & play installation
- For maintained or non-maintained emergency lighting systems
  - Internal Li-ion battery with improved lifespan
  - Easy battery replacement



**Standard**

Order Code	Output Wattage (Max)	Output Voltage	Battery	Battery Capacity	Discharge Current	Trade Price
CEW03LIL/N	3W	9-58Vdc	Samsung Li-ion	2600mAh	600-700mA	£78.80

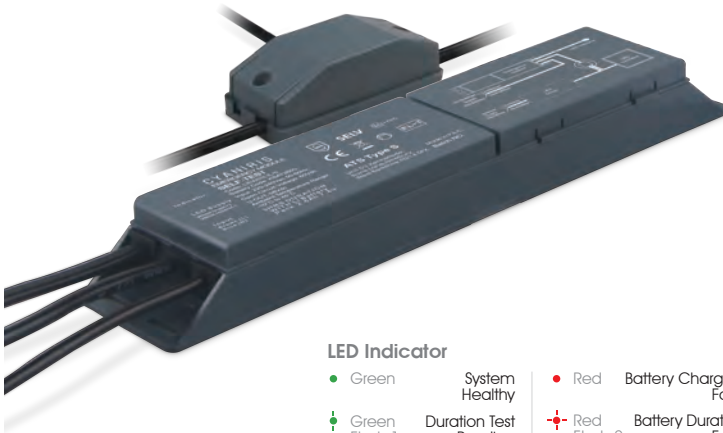
**Battery**

Order Code	Type	Capacity	Trade Price
KBAT2600	Samsung Li-ion	2600mAh	£43.34

# Self-test UEM NEW Available August 2017

Self-test universal emergency module

- Built-in self-test function according to BS-EN-62034-2012
- Designed for use with all LED luminaires with external driver (class III)
  - 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
  - Easy battery replacement

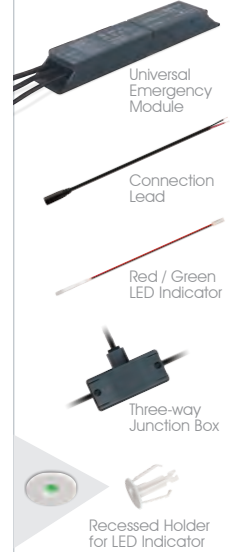


### LED Indicator

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

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

### Included



### General Specification

Input Voltage 220-240Vac  
50-60Hz  
Input Current (max) 35mA  
Emergency Conversion Time 1s  
Emergency Operation Time >3h  
Protection Class II, IP20  
Charging Time 12h  
Battery Voltage 7.4V  
Battery Life 4 Years  
Ambient Temp -10°C to 45°C  
Maximum Case Temp 75°C

### Self Test

Order Code	Output Wattage (Max)	Output Voltage	Battery	Battery Capacity	Discharge Current	Trade Price
CEW03LIL/S	3W	9-58Vdc	Samsung Li-ion	2600mAh	600-700mA	£99.86

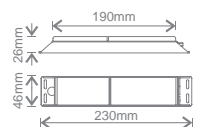
### Battery

Order Code	Type	Capacity	Trade Price
KBAT2600	Samsung Li-ion	2600mAh	£43.34

### Order Code

CEW03LIL/S

### Dimensions





**3** Years  
Standard Warranty**5** Years  
Extended Warranty**4** Years  
Battery  
Standard Warranty

# DD EME

Standard emergency module for LED DD

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

## General Specification

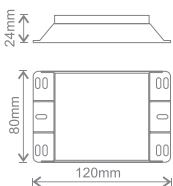
Input Voltage	220-240Vac 50-60Hz
Input Current (max)	35mA
Emergency Conversion Time	1s
Emergency Operation Time	>3h
Protection	Class II, IP20
Charging Time	12h
Battery Voltage	7.4V
Battery Life	4 Years
Ambient Temp	-10°C to 45°C
Maximum Case Temp	75°C



## Order Code

KIC27EME-DD

## Dimensions



## Standard

Order Code	Output Voltage	Battery	Battery Capacity	Output Current	Trade Price
KIC27EME-DD	15-58 Vdc	Samsung Li-ion	2200mAh	50mA	£73.07

## Battery

Order Code	Type	Capacity	Trade Price
KBAT2200	Samsung Li-ion	2200mAh	£40.59

# Self-test DD EME NEW Available Sept. 2017

Self-test emergency module for LED DD

- 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
  - Easy battery replacement

**3** Years  
Standard Warranty

**5** Years  
Extended Warranty

**4** Years  
Battery Standard Warranty



### LED Indicator

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

### General Specification

Input Voltage	220-240Vac
Input Current (max)	35mA
Emergency Conversion Time	1s
Emergency Operation Time	>3h
Protection	Class II, IP20
Charging Time	12h
Battery Voltage	7.4V
Battery Life	4 Years
Ambient Temp	-10°C to 45°C
Maximum Case Temp	75°C

### Self Test

Order Code	Output Voltage	Battery	Battery Capacity	Output Current	Trade Price
CEC03LBL/S	15-58Vdc	Samsung Li-ion	2200mAh	50mA	£87.96

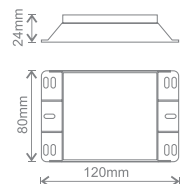
### Battery

Order Code	Type	Capacity	Trade Price
KBAT2200	Samsung Li-ion	2200mAh	£40.59

### Order Code

CEC03LBL/S

### Dimensions



# 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

Manot **NEW** Available July 2017

IP65 multi-purpose emergency exit bulkhead

- 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



- 3 Years** Standard Warranty
- 5 Years** Extended Warranty
- 4 Years** Battery Standard Warranty
- Emergency** Maintained & Non-Maintained

**General Specification**

IP Rating	65
IK Rating	10
Housing	Polycarbonate
Emergency Operation Time	>3h
Emergency Conversion Time	1s
Charging Time	12h

**Order Code**

ESGN0305R65

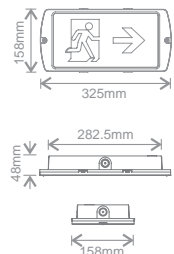
**Wall-mount**



**Order Code**

- ESGN02-PSL
- ESGN02-PSR
- ESGN02-PSU

**Dimensions**



Exit sign down included

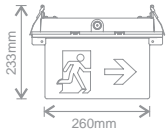
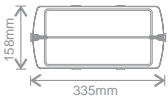
Order Code	Mode	Power	CCT	Lumen	Trade Price
ESGN0305R65	Emergency Lighting	3W 6W	4000K	60lm 150lm	<b>£83.49</b>

**Accessories (Wall-mount)**

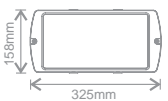
Order Code	Description	Trade Price
ESGN02-PSL	Exit Sign Left	<b>£4.32</b>
ESGN02-PSR	Exit Sign Right	<b>£4.32</b>
ESGN02-PSU	Exit Sign Up	<b>£4.32</b>

**Recessed ceiling-mount****Order Code**

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

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

ESGN-PFW

**Dimensions****Accessories (Recessed ceiling-mount)**

Order Code	Description	Trade Price
ESGN-PFR	Spring clips for recessed installation	<b>£10.96</b>
ESGN01-PSLR	Hanging Exit Sign Left & Right	<b>£36.91</b>
ESGN01-PSU	Hanging Exit Sign Up	<b>£36.91</b>
ESGN01-PSD	Hanging Exit Sign Down	<b>£36.91</b>

**Accessories (Tilt wall-mount)**

Order Code	Description	Trade Price
ESGN-PFW	Wall-mount fitting bracket	<b>£16.05</b>

# Nitro NEW Available July 2017

## Non-maintained emergency downlight

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



### Standard Emergency Downlight

Order Code	Power	Beam Angle	CCT	Lumen	Trade Price
EDWL03C20/STD	3W	50°	4000K	100lm	£46.53

### Corridor Emergency Downlight

Order Code	Power	Beam Angle	CCT	Lumen	Trade Price
EDWL03C20/COR	3W	29°(Transverse) 113°(Axial)	4000K	150lm	£46.53

- 3 Years** Standard Warranty
- 5 Years** Extended Warranty
- 4 Years** Battery Standard Warranty
- Emergency** Non-Maintained

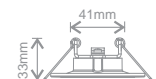
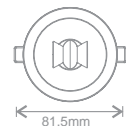
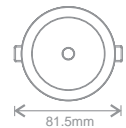
### General Specification

Input Voltage	220-240Vac
Input Current (max)	35mA
Emergency Conversion Time	1s
Emergency Operation Time	>3h
Protection	Class II, IP20
Charging Time	12h
Battery Voltage	7.4V
Battery Life	4 Years
Ambient Temp	-10°C to 45°C
Maximum Case Temp	75°C

### Order Code

EDWL03C20/STD  
EDWL03C20/COR

### Dimensions



**3** Years  
Standard Warranty**5** Years  
Extended Warranty**4** Years  
Battery  
Standard Warranty **Emergency**  
Non-Maintained**Orda** **NEW** Available  
July 2017

## High power twin spot emergency light

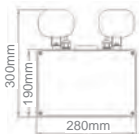
- High power of 7W output
- Twin fully adjustable head allow best light coverage
- Non-maintained, >3hrs
  - IP65 protection

**General Specification**

Voltage	220-240Vac 50-60Hz
CRI	70
Life Time	40,000h
Power Factor	0.60
Emergency Conversion Time	1s
Emergency Operation Time	3h
Protection	Class I, IP65
Charging Time	24h
Battery Voltage	9.6V
Battery Life	4 Years
Ambient Temp	-10°C to 40°C

**Order Code**

KEML15TS1

**Dimensions**

Order Code	Power	Battery	Battery Capacity	Beam Angle	CCT	Lumen	Trade Price
KEML07TS1	3W	Nickel Cadmium	2200mAh	150°	6000K	470lm	£172.80

**Battery**

Order Code	Type	Capacity	Trade Price
KBAT2200TS	Nickel Cadmium	2200mAh	£40.19



Panel  
&  
Modular Luminaire





Kali-Pro

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Kali-Standard

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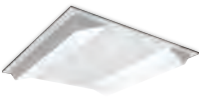
Kali-Eco

37



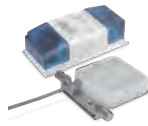
Twin Bar

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Pyramid

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Dimmable Driver

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Wireless Driver  
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# PRO LED Panel

## Ultra-Low Glare with UGR < 17\*

### Highly Efficient LEDs

Uses highly efficient 4014 LEDs that are optimised for LED panels. It minimises the light that escapes through the gap between the LEDs and the optical guide, achieving 130lm/W.

### Reflecting Sheet

This PET based reflecting sheet is placed under the optical guide and has a reflective rate above 97% so throws the light towards the front of the panel.

### Optical Guide

The LED chips are placed facing the edge of the optical guide. The light travels horizontally through the optical guide and is directed to the upper surface by the micro lenses that are laser engraved within the optical guide. The arrangement of the micro lenses is optimised to ensure the highest efficiency and even light distribution.

### Optical Condensing Film

This optical film consists of a matrix of micro lenses that reduce the light emitting angle from the panel, achieving a low glare rating of UGR 17.

### TP(a) PC Diffuser

This polycarbonate diffuser with fire resistance rating of TP(a) has transmittance of over 90%.

### TP(a)

PC diffuser with highest fire resistant level.

### UGR < 17

Use optical film with superb glare control, ideal for large open plan offices.

### > 130lm/W

High lumen efficiency that reduces the energy consumption further.

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

- 5** Years  
Standard Warranty
- 7** Years  
Extended Warranty
- Emergency**  
Option
- Dimmable Options**  
DALI and 1-10V
- Sensor**  
Option

### 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 Powder coated  
aluminum  
Diffuser Polycarbonate  
TP(a)  
Protection Class II, IP44  
(when ceiling recessed mounted)

# Kali-Pro

## Premium LED panels

- Save up to 70% energy usage compared to traditional fluorescent fittings
  - Ultra-low glare, UGR<17\*
- TP(a) fire resistant polycarbonate diffuser
  - Flicker free
  - Optional DALI, 1-10V driver
- IP44 when ceiling recess mounted
- White powder coated aluminium frame



### Ultra-Low Glare (UGR<17\*)

▮ Available Now

Order Code	Power	Dimension	CCT	Lumen	Trade Price
KLED36PNL	36W	595*595mm	4000K 6500K	3900lm 4000lm	£138.15

### High Efficient (>130lm/w)

▮ Available August 2017

Order Code	Power	Dimension	CCT	Lumen	Trade Price
KLED23PNL	23W	595*595mm	4000K	3000lm	£103.77

### Optional Gear

Type	Order Code	Description	Trade Price
Dimmable driver	CYC040TDC25-70	Configurable DALI & 1-10V Dimmable Driver for KLED36PNL	£91.20
Dimmable driver	CYC030TDC25-70	Configurable DALI & 1-10V Dimmable Driver for KLED23PNL	£81.63
Emergency module	CEW03LIL/N	UEM, 3W, li-ion battery	£78.80
Self-test emergency module	CEW03LIL/S	Self-test UEM, 3W, li-ion battery	£99.86
Presence sensor	CYS-PRS-PNL	Presence sensor dedicated to LED panel	£63.14

### Accessories

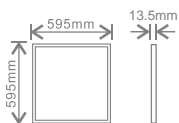
Type	Order Code	Description	Trade Price
Surface mount frame	KPTPNL/SMT-WHT0606	595*595mm surface-mount frame, white	£50.19
Suspension kits	KPTPNL/SUS0606	595*595mm Suspension set	£9.59

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

### Order Code

KLED23PNL-W40  
KLED36PNL-W40  
KLED36PNL-W65

### Dimensions



# Kali-Standard

(595\*595mm)

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 driver
  - IP44 when ceiling recess mounted
- White powder coated aluminium frame



- 3 Years**  
Standard Warranty
- 5 Years**  
Extended Warranty
- Emergency**  
Option
- Dimmable Options**  
DALI and 1-10V
- Sensor**  
Option

## 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	Powder coated aluminum
Diffuser	Polycarbonate TP(b)
Protection	Class II, IP44 (when ceiling recessed mounted)

Order Code	Power	Dimension	CCT	Lumen	Trade Price
KLED30PNL	30W	595*595mm	3000K	2900lm	<b>£84.87</b>
			4000K	2900lm	
			6500K	3000lm	
KLED40PNL	40W	595*595mm	4000K	3800lm	<b>£128.06</b>
			6500K		

## Optional Gear

Type	Order Code	Description	Trade Price
Dimmable driver	CYC040TDC25-70	Configurable DALI & 1-10V Dimmable Driver	<b>£91.20</b>
Emergency module	CEW03LIL/N	UEM, 3W, li-ion battery	<b>£78.80</b>
Self-test emergency module	CEW03LIL/S	Self-test UEM, 3W, li-ion battery	<b>£99.86</b>
Presence sensor	CYS-PRS-PNL	On/off presence sensor dedicated to LED panel	<b>£63.14</b>
Daylight harvesting	CYS50DLH-PNL	Daylight harvesting control unit for KLED30PNL	<b>£71.27</b>

## Accessories

Type	Order Code	Description	Trade Price
Surface mount frame	KPTPNL/SMT-WHT0606	595*595mm surface-mount frame, white	<b>£50.19</b>
Suspension kits	KPTPNL/SUS0606	595*595mm Suspension set	<b>£9.59</b>

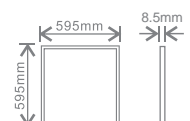
\* With room size of 4h x 2h, where h is the height of the room

## Order Code

KLED30PNL-W30  
KLED30PNL-W40  
KLED30PNL-W65

KLED40PNL-W40  
KLED40PNL-W65

## Dimensions



**3** Years  
Standard Warranty

**5** Years  
Extended Warranty

**Emergency**  
Option

**Dimmable Options**  
DALI and 1-10V

**Sensor**  
Option

# Kali-Standard

(295\*1195mm, 595\*1195mm)

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 driver
  - IP44 when ceiling recess mounted
- White powder coated aluminium frame



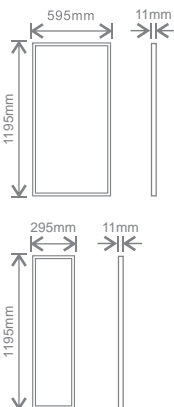
## General Specification

Voltage 220-240vac  
50-60Hz  
CRI >80  
Life Time 40,000h  
Power Factor >0.95  
Ambient Temp -20°C to 50°C  
Housing Powder coated aluminum  
Diffuser Polycarbonate TP(b)  
Protection Class II, IP44  
(when ceiling recessed mounted)

## Order Code

KLED30PNL1203-W40  
KLED60PNL-W40  
KLED80PNL-W40

## Dimensions



Order Code	Power	Dimension	CCT	Lumen	Trade Price
KLED30PNL1203	30W	295*1195mm	4000K	2900lm	£138.98
KLED60PNL	60W	595*1195mm	4000K	5700lm	£222.24
KLED80PNL	80W	595*1195mm	4000K	7000lm	£224.38

## Optional Gear

Type	Order Code	Description	Trade Price
Dimmable driver	CYC040TDC25-70	Configurable DALI & 1-10V Dimmable Driver	£91.20
Emergency module	CEW03LIL/N	UEM, 3W, li-ion battery	£78.80
Self-test emergency module	CEW03LIL/S	Self-test UEM, 3W, li-ion battery	£99.86
Presence sensor	CYS-PRS-PNL	On/off presence sensor dedicated to LED panel	£63.14

## Accessories

Type	Order Code	Description	Trade Price
Surface mount frame	KPTPNL/SMT-WHT1203	295*1195mm surface-mount frame, white	£62.26
Surface mount frame	KPTPNL/SMT-WHT1206	595*1195mm surface-mount frame, white	£85.73
Suspension kits	KPTPNL/SUS1203	295*1195mm Suspension set	£14.40
Suspension kits	KPTPNL/SUS1206	595*1195mm Suspension set	£14.43

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

# Kali-Standard

(295\*295mm, 495\*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 driver
- IP44 when ceiling recess mounted
- White powder coated aluminium frame



▲ 295\*295mm



▲ 495\*495mm

Order Code	Power	Dimension	CCT	Lumen	Trade Price
KLED30PNL0303	30W	295*295mm	4000K	2550lm	<b>£62.26</b>
KLED30PNL0505	30W	495*495mm	4000K 6500K	2900lm 3000lm	<b>£97.73</b>

## Optional Gear

Type	Order Code	Description	Trade Price
Dimmable driver	CYC040TDC25-70	Configurable DALI & 1-10V Dimmable Driver	<b>£91.20</b>
Emergency module	CEW03LIL/N	UEM, 3W, li-ion battery	<b>£78.80</b>
Self-test emergency module	CEW03LIL/S	Self-test UEM, 3W, li-ion battery	<b>£99.86</b>
Presence sensor	CYS-PRS-PNL	On/off presence sensor dedicated to LED panel	<b>£63.14</b>

## Accessories

Type	Order Code	Description	Trade Price
Suspension kits	KTPPNL/SUS0606	595*595mm Suspension set	<b>£9.59</b>

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

**3** Years  
Standard Warranty

**5** Years  
Extended Warranty

**Emergency**  
Option

**Dimmable Options**  
DALI and 1-10V

**Sensor**  
Option

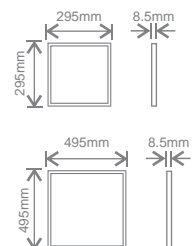
## General Specification

Voltage 220-240Vac  
50-60Hz  
CRI >80  
Life Time 40,000h  
Power Factor >0.95  
Ambient Temp -20°C to 50°C  
Housing Powder coated aluminum  
Diffuser Polycarbonate TP(b)  
Protection Class II, IP44  
(when ceiling recessed mounted)

## Order Code

KLED30PNL0303-W40  
KLED30PNL0505-W40  
KLED30PNL0505-W65

## Dimensions



**3** Years  
Standard Warranty

**5** Years  
Extended Warranty

**Emergency**  
Option

# Kali-Eco

Energy efficient LED panels

- Save up to 60% energy usage compared to traditional fluorescent fittings
  - Low glare, UGR < 19\*
- TP(b) fire resistant polycarbonate diffuser
- White powder coated aluminium frame

## 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	Powder coated aluminum
Diffuser	Polycarbonate TP(b)
Protection	Class II, IP44 (when ceiling recessed mounted)



Order Code	Power	Dimension	CCT	Lumen	Trade Price
KPNL30ECO	30W	595*595mm	4000K	2900lm	<b>£89.87</b>

## Optional Gear

Type	Order Code	Description	Trade Price
Emergency module	CEW03LIL/N	UEM, 3W, li-ion battery	<b>£78.80</b>
Self-test emergency module	CEW03LIL/S	Self-test UEM, 3W, li-ion battery	<b>£99.86</b>

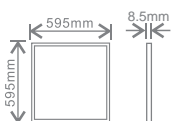
## Accessories

Type	Order Code	Description	Trade Price
Surface mount frame	KPTPNL/SMT-WHT0606	595*595mm surface-mount frame, white	<b>£45.06</b>
Suspension kits	KPTPNL/SUS0606	595*595mm Suspension set	<b>£9.59</b>
Surface mount bracket	KPTPNL/SMT-ECO1-WHT	595*595mm surface-mount bracket, white	<b>£28.22</b>

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

**Order Code**  
KPNL30ECO-W40

## Dimensions



# Twin Bar

Ceiling luminaire with two parallel edge-lit LED panels

- 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 driver
- White powder coated aluminium frame



**3** Years  
Standard Warranty

**5** Years  
Extended Warranty

**Emergency**  
Option

## 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	Powder coated aluminum
Diffuser	Polycarbonate TP(b)
Protection	Class II, IP20

Order Code	Power	Dimension	CCT	Lumen	Trade Price
KTWB30PNL	30W	595*595mm	4000K 6500K	3200lm	<b>£121.81</b>
KTWB40PNL	40W	595*595mm	4000K 6500K	3600lm	<b>£130.39</b>

## Optional Gear

Type	Order Code	Description	Trade Price
Dimmable driver	CYC050TDC70-140	Configurable DALI & 1-10V Dimmable Driver	<b>£95.02</b>
Emergency module	CEW03LIL/N	UEM, 3W, li-ion battery	<b>£78.80</b>
Self-test emergency module	CEW03LIL/S	Self-test UEM, 3W, li-ion battery	<b>£99.86</b>

## Accessories

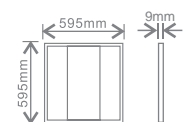
Type	Order Code	Description	Trade Price
Surface mount frame	KPTPNL/SMT-WHT0606	595*595mm surface-mount frame, white	<b>£50.19</b>
Suspension kits	KPTPNL/SUS0606	595*595mm Suspension set	<b>£9.59</b>

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

## Order Code

KTWB30PNL-W40  
KTWB30PNL-W65  
KTWB40PNL-W40  
KTWB40PNL-W65

## Dimensions







“It was time to invest in new lighting to bring down future costs.”

– Mark Whaites, Estates Team Leader

**Somerset College Case Study**

Location: Somerset College, Taunton, Somerset.

Kosnic reduces energy bills by 74% at Somerset College by providing cost effective LED lighting solutions.

# Twin Bar LG7 NEW Available Now

Twin bar LED panel with vacuum formed diffuser

- Lights the ceiling with vacuum formed diffuser for LG7 compliance
- 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 driver
- White powder coated aluminium frame



**3** Years  
Standard Warranty

**5** Years  
Extended Warranty

**Emergency**  
Option

## 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	Powder coated aluminum
Diffuser	Polycarbonate TP(b)
Protection	Class II, IP20

Order Code	Power	Dimension	CCT	Lumen	Trade Price
KTWBS30QR	30W	595*595mm	4000K	3200lm	<b>£159.16</b>

## Optional Gear

Type	Order Code	Description	Trade Price
Dimmable driver	CYC030TDC25-70	Configurable DALI & 1-10V Dimmable Driver	<b>£81.63</b>
Emergency module	CEW03LIL/N	UEM, 3W, li-ion battery	<b>£78.80</b>
Self-test emergency module	CEW03LIL/S	Self-test UEM, 3W, li-ion battery	<b>£99.86</b>

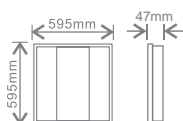
## Accessories

Type	Order Code	Description	Trade Price
Surface mount frame	KPTPNL/SMT-WHT0606	595*595mm surface-mount frame, white	<b>£50.19</b>
Suspension kits	KPTPNL/SUS0606	595*595mm Suspension set	<b>£9.59</b>

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

**Order Code**  
KTWBS30QR-W40

## Dimensions



**3** Years  
Standard Warranty

**5** Years  
Extended Warranty

# Presence Sensor

**NEW** Available  
Now

Microwave presence sensor for LED panels

- Easy install on Kosnic LED panel
- The sensor is not visible from the front of the panel
- High sensitivity that detects micro movement

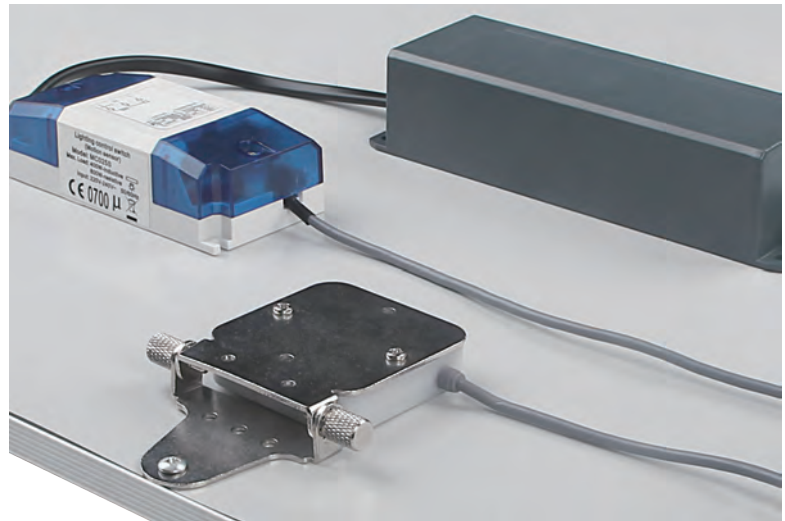
## General Specification

Voltage 220-240Vac  
50Hz

Transmitting power <0.5mW

Detection Zone  
Max.(D x H) 8m x 3m

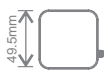
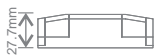
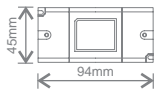
Operation Temp -30°C to 70°C



## Order Code

CYS-PRS-PNL

## Dimensions



Order Code	Max Power	Detection Angle	Hold Time	Daylight Sensor	Trade Price
CYS-PRS-PNL	800W	150°(wall installation) 360°(ceiling installation)	10s 30s 90s 3min 20min 30min	5lux 10lux 30lux 50lux Disable	<b>£63.14</b>

# Daylight Harvesting Control

**NEW** Available Now

Daylight harvesting control gear with integrated daylight sensor & driver

- Easy install on Kosnic LED panel
- The sensor is not visible from the front of the panel
- Dimming the LED panel according to level of ambient daylight

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

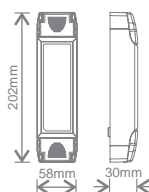


## General Specification

Voltage	220-240Vac 50-60Hz
Efficiency	≥83%
Power Factor	≥0.9
Mounting Height	3-4m
Operation Temp	-35°C to 50°C
Protection	IP20

**Order Code**  
CYS50DLH-PNL

## Dimensions

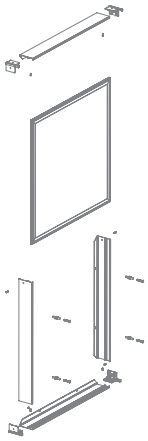


Order Code	Output Current	Max Power	Output Voltage	Motion Detection	Target Illumination	Trade Price
CYS50DLH-PNL	1050mA	42W	30-40VDC	0.5-3m/s	450lux	£71.27
	1000mA	40W			400lux	
	950mA	38W			350lux	
	900mA	36W			300lux	
	850mA	34W			250lux	
	800mA	32W			200lux	
	750mA	30W			150lux	
	700mA	28W			100lux	

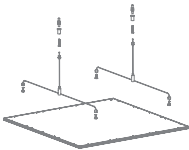
# Fixing Accessories

Surface mount and suspension mount accessories

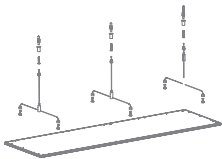
## Surface mount



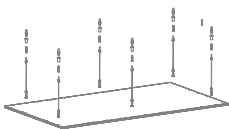
## Suspension mount



595\*595mm



295\*1195mm



595\*1195mm



▲ Surface mount frame



▲ Suspension kits

\* Available August 2017

Type	Order Code	Description	Trade Price
Surface mount frame	KPTPNL/SMT-WHT0606	595*595mm surface-mount frame, white	£50.19
Surface mount frame	KPTPNL/SMT-WHT1203*	295*1195mm surface-mount frame, white	£62.26
Surface mount frame	KPTPNL/SMT-WHT1206*	595*1195mm surface-mount frame, white	£85.73
Suspension kits	KPTPNL/SUS0606	595*595mm Suspension set	£9.59
Suspension kits	KPTPNL/SUS1203	295*1195mm Suspension set	£14.40
Suspension kits	KPTPNL/SUS1206	595*1195mm Suspension set	£14.43
Surface mount bracket	KPTPNL/SMT-ECO1-WHT	595*595mm surface-mount bracket, white	£28.22

## Order Code

KPTPNL/SMT-WHT0606

KPTPNL/SMT-WHT1203

KPTPNL/SMT-WHT1206

KPTPNL/SUS0606

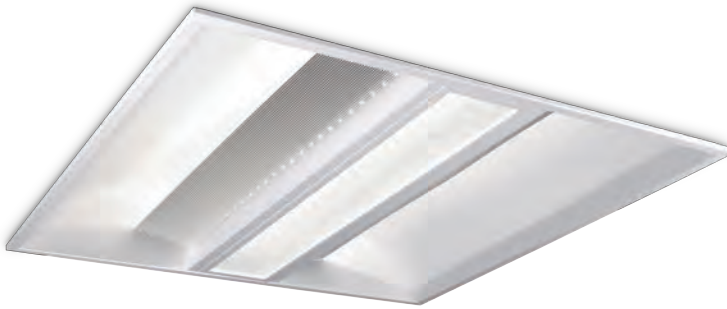
KPTPNL/SUS1203

KPTPNL/SUS1206

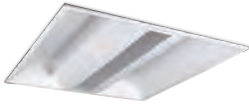
# Kurve

Direct / indirect LED modular Luminaire

- Stylish & elegant aesthetic appearance
  - Flicker free
- Ultra-low glare, UGR<17.4\*
- Optional DALI, 1-10V driver



▲ Kurve 2



▲ Kurve 1



▲ Kurve 3

Order Code	Power	Dimension	CCT	Lumen	Trade Price
KMRC40L1A	40W	595*595mm	4000K	3600lm	<b>£343.86</b>
KMRC40L2A	40W	595*595mm	4000K	3600lm	<b>£348.16</b>
KMRC30L3A	30W	595*595mm	4000K	2800lm	<b>£230.59</b>

### Optional Gear

Type	Order Code	Description	Trade Price
Dimmable driver	CYC040TDC25-70	Configurable DALI & 1-10V Dimmable Driver for KMRC40L1A, KMRC40L2A	<b>£91.20</b>
Dimmable driver	CYC050TDC70-140	Configurable DALI & 1-10V Dimmable Driver for KMRC30L3A	<b>£95.02</b>
Emergency module	CEW03LIL/N	UEM, 3W, li-ion battery	<b>£78.80</b>
Self-test emergency module	CEW03LIL/S	Self-test UEM, 3W, li-ion battery	<b>£99.86</b>

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

- 3** Years Standard Warranty
- 5** Years Extended Warranty
- Emergency** Option
- Dimmable Options** DALI and 1-10V

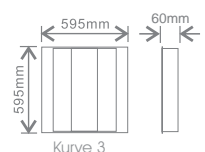
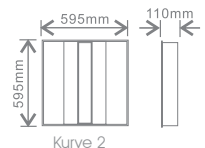
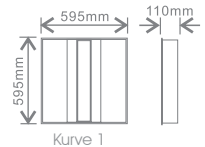
### General Specification

Voltage	220-240Vac 50-60Hz
CRI	>80
Life Time	40,000h
Power Factor	>0.95
Ambient Temp	-20°C to 50°C
Housing	Zinc coated sheet steel
Diffuser	Acrylic
Protection	Class II, IP20

### Order Code

KMRC40L1A-W40  
KMRC40L2A-W40  
KMRC30L3A-W40

### Dimensions



- 3** Years  
Standard Warranty
- 5** Years  
Extended Warranty
- Emergency**  
Option
- Dimmable Options**  
DALI and 1-10V
- Sensor**  
Option

# Pyramid

Low glare recessed LED modular luminaire

- Save up to 60% energy usage compared to traditional fluorescent fittings
  - Low glare, UGR < 19\*
  - Flicker free
- Optional DALI, 1-10V driver



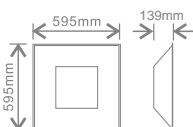
## General Specification

Voltage 220-240Vac  
50-60Hz  
CRI >80  
Life Time 40,000h  
Power Factor >0.95  
Ambient Temp -20°C to 50°C  
Housing Zinc coated sheet steel  
Diffuser Polycarbonate  
Protection Class II, IP20

## Order Code

KPYD30PNL-W40

## Dimensions



Order Code	Power	Dimension	CCT	Lumen	Trade Price
KPYD30PNL	30W	595*595mm	4000K	2200lm	£227.57

## Optional Gear

Type	Order Code	Description	Trade Price
Dimmable driver	CYC040TDC25-70	Configurable DALI & 1-10V Dimmable Driver	£91.20
Emergency module	CEW03LIL/N	UEM, 3W, li-ion battery	£78.80
Self-test emergency module	CEW03LIL/S	Self-test UEM, 3W, li-ion battery	£99.86
Presence sensor	CYS-PRS-PNL	On/off presence sensor dedicated to LED panel	£63.14

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

# Dimmable Driver

DALI, 1-10 & PUSH button dimmable driver

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



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

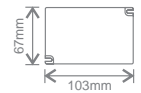
## General Specification

Voltage 220-240Vac  
50Hz  
Power Factor  $\geq 0.90$   
Work Efficiency 86%  
Max.  
Full-load Output  
Voltage 6-58Vdc  
Wiring Way Press-in  
type terminals,  
0.75-1.5mm<sup>2</sup>  
Working  
Temp -25°C to 50°C  
Case Temp 85°C  
Working Humidity 85%  
Protection Class II, IP20

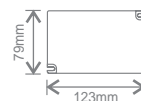
## Order Code

CYC030TDC25-70  
CYC040TDC25-70  
CYC050TDC70-140

## Dimensions



CYC030TDC25-70



CYC040TDC25-70  
CYC050TDC70-140

Order Code	Max Power	Output Current	Trade Price
CYC030TDC25-70	30W	250-700mA	£81.63
CYC040TDC25-70	40W	250-700mA	£91.20
CYC050TDC70-140	50W	700mA-1400mA	£95.02



**3** Years  
Standard Warranty

**5** Years  
Extended Warranty

# Wireless Driver & Switches

RF wireless LED driver & remote switches

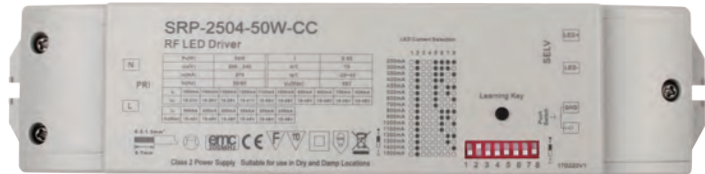
## General Specification

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  
Protection Class II, IP20

- Dimmable LED driver with RF control
  - Max. output power 50W
  - High power factor and efficiency
- Compatible with a variety of single RF remote controls
  - Suitable for indoor LED lighting applications
  - Radio Frequency : 868/869.5/916.5/434mhz
  - Short circuit, over voltage and overload protection

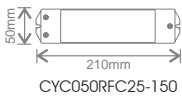
## Order Code

CYC050RFC25-150  
CSWRF01  
CSWRF02  
CSWRF03  
CSWRF04  
CSWRF05

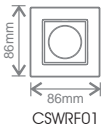


▲ CYC050RFC25-150

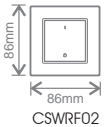
## Dimensions



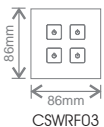
CYC050RFC25-150



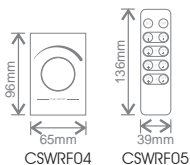
CSWRF01



CSWRF02



CSWRF03



CSWRF04

CSWRF05



▲ CSWRF01



▲ CSWRF02



▲ CSWRF03



▲ CSWRF04



▲ CSWRF05

## RF controlled LED driver

Order Code	Max Power	Output Current	Trade Price
CYC050RFC25-150	50W	250-1500mA	£115.36

## Remote controller and switches

Order Code	Description	Trade Price
CSWRF01	Single channel wall mount rotary switch (battery powered)	£103.41
CSWRF02	Single channel wall mount push-button switch (battery powered)	£103.41
CSWRF03	4 channel wall mount touch switch (mains powered)	£106.68
CSWRF04	Single channel desk top rotary switch (battery powered)	£72.75
CSWRF05	4 channel handheld remote control (battery powered)	£40.01

Surface Luminaire



Blanca 51



Blanca-i 53



Pico-i 55



Pico 56



Viso 57



Etna 58



Fuji 59



Alto 60



Codale 61

# Blanca LED Bulkhead

## Bulkhead for LED DD lamp with detachable rings

### Emergency Module

Built-in 3hr maintained emergency module.

### LED DD Range

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

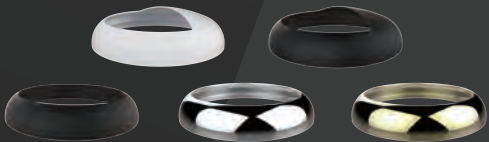
### Tamper-proof Screw (optional)

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



### Polycarbonate Cover

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



### Clip-on Ring Attachment

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

**CREATING 266** Product Lines With

**2** Housing Units

- Standard
- Emergency

**6** Clip-on Ring Attachment

- White & Black Eyelid
- White, Black, Chrome & Brass Polo Rim

**15** LED DD Modules

- 9W / 12W / 18W
- 2700K / 4000K / 6500K
- Motion sensor, Dusk to Dawn & Dimmable

**5** Years  
Standard Warranty

**Emergency**  
Option



Anti-vandal Screw Pack  
KPT-SCREW1



Anti-vandal Screw Driver  
KPT-SCREWDRIVER1

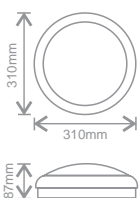
### General Specification

Voltage	220-240Vac 50-60Hz
LOR	78%
Ambient Temp	-20°C to 50°C
Housing	Polycarbonate
IK Rating	10
Protection	Class II, IP65

### Order Code

KBHDDC6S65  
KBHDDC6S65/E  
KBHDDC6S65-WHT  
KBHDDC6S65/E-WHT

### Dimensions



# Blanca NEW Available Now

## IP65 bulkhead for LED DD lamps

- Choices of clip-on ring
- IP65 and vandal resistant (IK10)
- Use with Kosnic LED DD range
- Option of tamper-proof security screw
  - Conduit entry



Eyelid (Black)  
KBHC6-TLID



Eyelid (White)  
KBHC6-TWLID



Polo (Black)  
KBHC6-TBLK



Polo (White)  
KBHC6-TWHT



Polo (Chrome)  
KBHC6-TCHM



Polo (Brass)  
KBHC6-TBAS

Order Code	Description	Trade Price
KBHDDC6S65	Polycarbonate bulkhead with clip on rings	<b>£41.36</b>
KBHDDC6S65/E	Emergency polycarbonate bulkhead with clip-on rings	<b>£86.97</b>
KBHDDC6S65-WHT	Polycarbonate bulkhead with white polo ring	<b>£40.37</b>
KBHDDC6S65/E-WHT	Emergency polycarbonate bulkhead with white polo ring	<b>£77.54</b>

### Accessories

Type	Order Code	Description	Trade Price
Screw	KPT-SCREW1	Anti-vandal screw 5/pack	<b>£1.10</b>
Tool	KPT-SCREWDRIVER1	Anti-vandal screw driver 2/pack	<b>£6.52</b>

### Clip-on rings

Order Code	KBHC6-TLID	KBHC6-TWLID	KBHC6-TBLK	KBHC6-TWHT	KBHC6-TCHM	KBHC6-TBAS
Trade Price	<b>£10.83</b>	<b>£10.83</b>	<b>£9.30</b>	<b>£8.85</b>	<b>£19.83</b>	<b>£19.83</b>

# Blanca-i LED Bulkhead

**Bulkhead** with integrated LED tray  
with detachable rings

## Polycarbonate Cover

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

## On-board Emergency Circuit

This technology minimises the space required for the emergency module and battery (patent pending).

## Push-Wire Connector

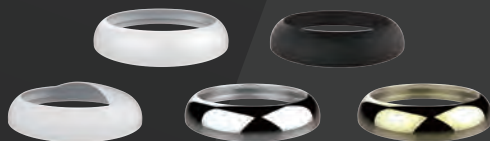
Comes with 4-way push-wire connector for fast installation.

## 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 offer flexibility and an attractive range of styles to choose from.



# ESSENTIAL

For day to day applications

**Standard** | 12W 4000K 1120lm

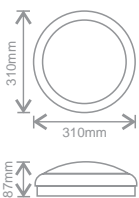
**Maintained Emergency** | 12W 4000K 1120lm

**Clip-on Ring Attachments** | Eyelid, White, Chrome or Brass

A simple range of bulkheads suitable for the majority of day to day applications.

**3** Years  
Standard Warranty**5** Years  
Extended Warranty **Emergency**  
OptionAnti-vandal Screw Pack  
KPT-SCREW1Anti-vandal Screw Driver  
KPT-SCREWDRIVER1**General Specification**

Voltage	220-240Vac 50-60Hz
CRI	85
Life Time	40,000h
Power Factor	0.60
Ambient Temp	-20°C to 50°C
Housing	Polycarbonate
IK Rating	10
Protection	Class II, IP65

**Order Code**KBHCT12C6S65-W40-WHT  
KBHCT12C6S65/E-W40-WHT**Dimensions****Blanca-i** NEW Available Now

IP65 bulkhead with integrated LED tray

- Choices of clip-on ring
- IP65 and vandal resistant (IK10)
- Integrated LED tray
- Tamper-proof security screw option
- Conduit entry

Eyelid (Black)  
KBHC6-TLIDEyelid (White)  
KBHC6-TWLIDPolo (Black)  
KBHC6-TBLKPolo (White)  
KBHC6-TWHTPolo (Chrome)  
KBHC6-TCHMPolo (Brass)  
KBHC6-TBAS

Order Code	Description	Trade Price
KBHCT12C6S65	12W, 4000K, 1120lm, Polycarbonate bulkhead with clip on rings	£59.10
KBHCT12C6S65/E	12W, 4000K, 1120lm, Emergency polycarbonate bulkhead with clip-on rings	£99.66

**Accessories**

Type	Order Code	Description	Trade Price
Screw	KPT-SCREW1	Anti-vandal screw 5/pack	£1.10
Tool	KPT-SCREWDRIVER1	Anti-vandal screw driver 2/pack	£6.52

**Clip-on rings**

Order Code	KBHC6-TLID	KBHC6-TWLID	KBHC6-TBLK	KBHC6-TWHT	KBHC6-TCHM	KBHC6-TBAS
Trade Price	£10.83	£10.83	£9.30	£8.85	£19.83	£19.83

# Pico-i LED Bulkhead

## Twist & Lock

for fast Installation

### PC Cover

Clear polycarbonate cover that holds the LED PCB to the base of the fitting.

### Emergency LED

All models come with prefixed emergency LED strip with green LED indicator.



### Plug-in Emergency Module

All models can be easily converted to emergency fitting by plugging in our DD EME emergency module.

### IP44

Rubber seal located at inner edge of the base provides IP44 protection.

### Edge-less Front

Vacuum formed PC (polycarbonate) opal cover with high LOR of **87%**.

### DOB LED board

Use Driver on Board (DOB) technology, with added surge protection.



**9W**

Dia.:279mm



**12W**

Dia.:350mm



**18W**

Dia.:400mm



**3** Years  
Standard Warranty

**5** Years  
Extended Warranty

**Emergency**  
Option

Pico-i **NEW** Available  
August 2017

Twist & lock fast-fit bulkhead with integrated LED

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



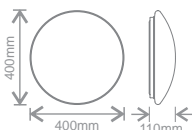
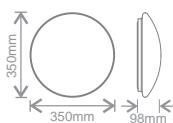
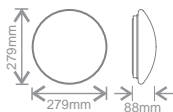
### General Specification

Voltage 220-240Vac  
50-60Hz  
CRI 85  
Life Time 40,000h  
Power Factor 0.60  
Ambient Temp -20°C to 50°C  
Housing Polycarbonate  
Protection Class I, IP44

### Order Code

KBHCT09C8S44-W40  
KBHCT12C8S44-W40  
KBHCT18C8S44-W40

### Dimensions



Order Code	Description	Trade Price
KBHCT09C8S44	279mm diameter, IP44, 9W, 4000K, 730lm	£32.49
KBHCT12C8S44	350mm diameter, IP44, 12W, 4000K, 880lm	£39.95
KBHCT18C8S44	400mm diameter, IP44, 18W, 4000K, 1350lm	£41.44

### Optional Gear

Type	Order Code	Description	Trade Price
Emergency module	KTC27EME-DD	Emergency module, li-ion battery	£73.07

# Pico NEW Available Now

Twist & lock fast-fit bulkhead for LED DD Lamps

- Twist & lock fast installation
- IP65 & vandal resistant (IK10)
- Optional plug-in Emergency module



**5** Years  
Standard Warranty

**Emergency**  
Option

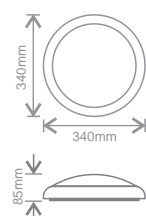
### General Specification

Voltage 220-240Vac  
50-60Hz  
LOR 78%  
Ambient Temp -20°C to 50°C  
Housing Polycarbonate  
IK Rating 10  
Protection Class II, IP65

### Order Code

KBHDDC2S65

### Dimensions



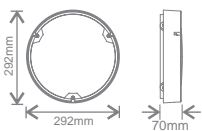
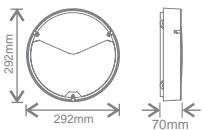
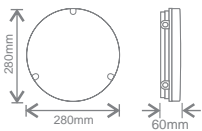
Order Code	Description	Trade Price
KBHDDC2S65	IP65 twist & lock, polycarbonate bulkhead	£38.71

### Optional Gear

Type	Order Code	Description	Trade Price
Emergency module	KTC27EME-DD	Emergency module, li-ion battery	£73.07

**5** Years  
Standard Warranty **Emergency**  
OptionAnti-vandal Screw Pack  
KPT-SCREW1Anti-vandal Screw Driver  
KPT-SCREWDRIVER1**General Specification**

Voltage 220-240Vac  
50-60Hz  
LOR 78%  
Ambient Temp -20°C to 50°C  
Housing Polycarbonate  
IK Rating 10  
Protection Class II, IP65

**Order Code**KBHDDC7S65  
KBHDDC7S65/E**Dimensions**

Viso

NEW

Available  
August 2017

## IP65 &amp; vandal proof bulkhead for LED DD Lamps

- Ring and eyelid shaped detachable ring
  - IP65 & vandal resistant (IK10)
- Optional plug-in emergency module
  - Conduit entry

Eyelid (Black)  
KBHC7-TLIDEdge (Black)  
KBHC7-TBLK

Order Code	Description	Trade Price
KBHDDC7S65	IP65 vandal resistant bulkhead with clip-on ring	£35.20

**Accessories**

Type	Order Code	Description	Trade Price
Screw	KPT-SCREW1	Anti-vandal screw 5/pack	£1.10
Tool	KPT-SCREWDRIVER1	Anti-vandal screw driver 2/pack	£6.52

**Detachable ring**

Order Code	KBHC7-TLID	KBHC7-TBLK
Trade Price	£12.24	£10.86

# Etna

Diecast aluminium exterior bulkhead

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



**5** Years  
Standard Warranty

**Emergency**  
Option

### General Specification

Voltage 220-240Vac  
50-60Hz

Ambient Temp -20°C to 50°C  
Housing Diecast aluminium

IK Rating 10  
Protection Class I, IP65

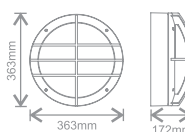
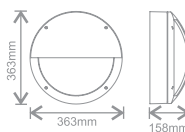
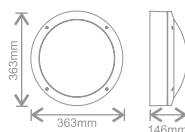
### Order Code

KBHDDC3S65  
KBHDDC3S65/E

KBHDDC4S65  
KBHDDC4S65/E

KBHDDC5S65  
KBHDDC5S65/E

### Dimensions



### Edge

Order Code	LOR	Description	Trade Price
KBHDDC3S65	42%	Diecast aluminium circular bulkhead	£131.84
KBHDDC3S65/E	42%	Emergency Diecast aluminium circular bulkhead	£164.46

### Eyelid

Order Code	LOR	Description	Trade Price
KBHDDC4S65	20%	Diecast aluminium circular bulkhead	£140.34
KBHDDC4S65/E	20%	Emergency Diecast aluminium circular bulkhead	£172.41

### Cage

Order Code	LOR	Description	Trade Price
KBHDDC5S65	36%	Diecast aluminium circular bulkhead	£140.34
KBHDDC5S65/E	36%	Emergency Diecast aluminium circular bulkhead	£172.41

**5** Years  
Standard Warranty

**Emergency**  
Option

# Fuji

## Square IP65 Bulkhead for LED DD lamps

- IP65 and Vandal resistant (IK10)
- Use with Kosnic LED DD range
  - Emergency option
- Option of Tamper-proof security screw
  - Conduit entry

### General Specification

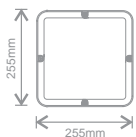
Voltage 220-240Vac  
50-60Hz  
LOR 73%  
Ambient Temp -20°C to 50°C  
Housing Polycarbonate  
IK Rating 10  
Protection Class II, IP65



### Order Code

KBHDDC1S65  
KBHDDC1S65/E

### Dimensions



Order Code	Description	Trade Price
KBHDDQ1S65	Square polycarbonate bulk head	£41.61
KBHDDQ1S65/E	Emergency square polycarbonate bulk head	£72.39

# Alto

Wall pack with integrated LED

- Diecast aluminium body & polycarbonate diffuser
  - IP65
- Dusk to dawn microwave sensor option
  - Vandal resistant, IK10



- 3 Years**  
Standard Warranty
- 5 Years**  
Extended Warranty
- Dusk to Dawn**  
Integrated Light Sensor

## General Specification

Voltage	220-240Vac 50-60Hz
CRI	84
Life Time	40,000h
Power Factor	>0.90
Ambient Temp	-20°C to 50°C
Housing	Polycarbonate
IK Rating	10
Protection	Class I, IP65

## Standard

Order Code	Power	CCT	Lumen	Trade Price
KWP30Q65	30W	4000K	2750lm	<b>£129.27</b>
KWP50Q65	50W	4000K	4400lm	<b>£145.64</b>

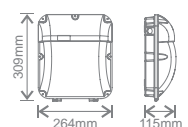
## Dusk to Dawn

Order Code	Power	CCT	Lumen	Trade Price
KWP30Q65/S	30W	4000K	2750lm	<b>£147.13</b>
KWP50Q65/S	50W	4000K	4400lm	<b>£164.35</b>

## Order Code

KWP30Q65-W40  
KWP30Q65/S-W40  
KWP50Q65-W40  
KWP50Q65/S-W40

## Dimensions



**3** Years  
Standard Warranty

**5** Years  
Extended Warranty

**Emergency**  
Option

#### Suspension mount



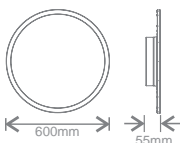
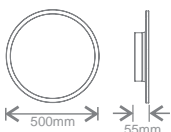
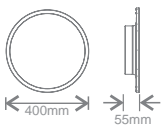
#### General Specification

Voltage 220-240Vac  
50-60Hz  
CRI >80  
Life Time 40,000h  
Power Factor >0.95  
Ambient Temp -20°C to 50°C  
Housing Anodized aluminum  
Diffuser Polycarbonate  
Protection Class I, IP20

#### Order Code

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

#### Dimensions



# Codale

## Surface or pendant LED circular panel

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



#### Front LED panel (Must be ordered with back box)

Order Code	Power	Input Current	CCT	Lumen	Trade Price
KPNLLS25CS	25W	710mA	4000K	2100lm	<b>£157.44</b>
KPNLLS30CS	30W	710mA	4000K	2200lm	<b>£187.41</b>
KPNLLS35CS	35W	710mA	4000K	2940lm	<b>£234.62</b>

#### Back Box (Must be ordered with front LED panel)

Order Code	Type	Output Current	Battery	Trade Price
KPNLLS-BB	Standard	710mA	/	<b>£109.58</b>
KPNLLS-BB/E	Emergency	710mA	Samsung Li-ion	<b>£182.36</b>
KPNLLS-BB/S	Sensor	710mA	/	<b>£139.46</b>
KPNLLS-BB/S/E	Emergency & Sensor	710mA	Samsung Li-ion	<b>£207.99</b>

#### Accessories

Type	Order Code	Description	Trade Price
Suspension kits	KPNLLS-SUS	Mounting plate with three wires. Up to 0.8m drop	<b>£60.63</b>

4  
Downlight





Katla-Pro

65



Katla-Eco

66



Maca

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Halo-Fixed

68



Halo-Tilt

69



Conness

70



Faceta

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# Katla-Pro Fire-rated Down Light

## Fire-rated Down light 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.



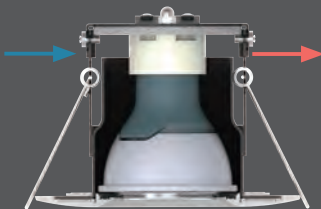
### Magnetic interchangeable bezel

**IP20** Magnetic bezel with embedded magnets.

### HaloLED LED GU10

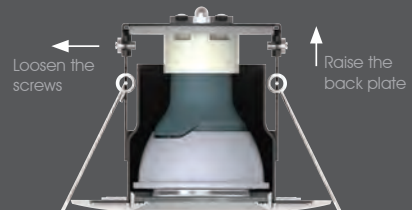
The Lens of HaloLED GU10 lamps is specifically designed to fit the front opening of the interchangeable bezel.

## 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.

## Installing the IP65 bezel



For **IP65** bezel, the screws on both sides of the fitting need to be loosened. The back plate is pulled back, so that the LED GU10 Lamp sits back into the fitting allowing space for the front glass of the bezel.

**5** Years  
Standard Warranty

**Cut out**  
73mm

**Fire rating**  
60 minutes

# Katla-Pro

GU10 fire rated downlight with magnetic interchangeable bezel

- Magnetic bezels with 3 different finishes included
  - Chimney effect for enhanced air-circulation
    - Compact size
    - Side ventilation window
  - Can be installed under Insulation layer

## Magnetic interchangeable IP65 bezel



IP65 White  
KPT-BZ65-WHT



IP65 Silver  
KPT-BZ65-SLV



IP65 Chrome  
KPT-BZ65-CHM

Lamp not included



IP20 White  
KPT-BZPK20-WHT



IP20 Silver  
KPT-BZPK20-SLV



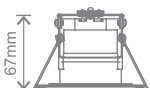
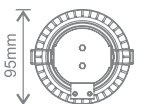
IP20 Chrome  
KPT-BZPK20-CHM

▲ **Magnetic interchangeable IP20 bezel**  
(Included in packaging)

## Order Code

KFDLGU10F1-ALL

## Dimensions



Order Code	Max Power	Protection	Lamp Type	Fire Rating	Cut-out	Trade Price
KFDLGU10F1-ALL	7W	Class II IP20 / IP44	GU10	60 minutes	73mm	<b>£22.17</b>

## Magnetic interchangeable IP65 bezel

Order Code	KPT-BZ65-WHT	KPT-BZ65-SLV	KPT-BZ65-CHM
Trade Price	<b>£3.07</b>	<b>£3.76</b>	<b>£4.08</b>

# Katla-Eco

GU10 fire rated downlight

- Chimney effect for enhanced air-circulation
  - Compact size
  - Side ventilation window
- Can be installed under insulation layer



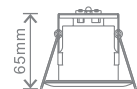
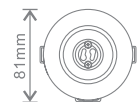
**5** Years  
Standard Warranty

**Cut out**  
68mm

**Fire rating**  
60 minutes

**Order Code**  
KFDLGU10F-WHT

**Dimensions**



Order Code	Max Power	Protection	Lamp Type	Fire Rating	Cut-out	Trade Price
KFDLGU10F	50W	Class II IP20	GU10	60 minutes	68mm	<b>£14.42</b>

# Maca

**NEW** Available  
Sept. 2017

All in one fire rated downlight with integrated LED

- Dimmable as standard
- Colour temperature switching 3000K, 4000K, 5000K
- Choice of bezels with different finishes
- Fire rating of 30, 60 & 90 minutes

**3** Years  
Standard Warranty

**5** Years  
Extended Warranty

**Dimmable**  
Mains dimmable

**Cut out**  
75mm

**Fire rating**  
30, 60, 90 minutes

### Interchangeable bezel



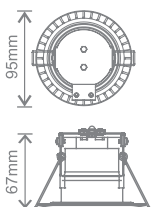
### General Specification

Voltage 220-240Vac  
50-60Hz  
CRI >80  
Life Time 35,000h  
Ambient Temp -20°C to 50°C  
Housing Zinc coated sheet steel  
Fire Rating 30,60,90 min  
Protection Class II  
IP20/IP65

### Order Code

KFDL07DIM-WHT  
KFDL07DTW-WHT-S30  
KPT-BZ-BLK  
KPT-BZ-SLV  
KPT-BZ-BAS  
KPT-BZ-CHM  
KPT-BZ-SCH

### Dimensions



▲ White bezel included

Order Code	Power	BeamAngle	Cut-out	CCT	Lumen	Trade Price
KFDL07DIM	7W	38°	75mm	Switchable 3000K 4000K 5000K	450lm	£65.06
KFDL07DTW	7W	38°	75mm	3000-2000K	450lm	£60.91

### Interchangeable bezel

Order Code	KPT-BZ-BAS	KPT-BZ-BLK	KPT-BZ-SLV	KPT-BZ-CHM	KPT-BZ-SCH
Trade Price	£5.25	£3.97	£3.97	£5.25	£5.25

# Halo-Fixed

Aluminium LED downlight with Halo optic lens

- Compact size
- Dimmable option
- Choice of 3 finishes



White



Silver



Chrome

- 3 Years** Standard Warranty
- 5 Years** Standard Warranty
- Cut out** 65mm
- Fire rating** 60 minutes
- Dimmable** Option

## General Specification

Voltage	220-240Vac 50-60Hz
CRI	>80
Life Time	35,000h
Power Factor	0.95
Ambient Temp	-20°C to 50°C
Housing	Aluminum
Protection	Class II

## Order Code

KSDLLC08FF-S27-WHT  
KSDLLC08FF-S27-MSL  
KSDLLC08FF-S27-CHM  
KSDLLC08FF-S40-WHT  
KSDLLC08FF-S40-MSL  
KSDLLC08FF-S40-CHM  
KSDLLC08FF-S65-WHT  
KSDLLC08FF-S65-MSL  
KSDLLC08FF-S65-CHM

KSDLLC08FF/DIM-S27-WHT  
KSDLLC08FF/DIM-S27-MSL  
KSDLLC08FF/DIM-S27-CHM  
KSDLLC08FF/DIM-S40-WHT  
KSDLLC08FF/DIM-S40-MSL  
KSDLLC08FF/DIM-S40-CHM  
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KSDLLC08FF/DIM-S65-CHM

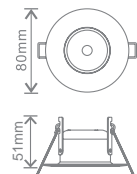
## Dimmable


Order Code	Power	Beam Angle	Cut-out	CCT	Lumen	Trade Price
KSDLLC08FF/DIM	8W	36°	65mm	2700K	620lm	<b>£41.57</b>
				4000K	640lm	
				6500K	620lm	

## Non-Dimmable

Order Code	Power	Beam Angle	Cut-out	CCT	Lumen	Trade Price
KSDLLC08FF	8W	36°	65mm	2700K	600lm	<b>£34.11</b>
				4000K	620lm	
				6500K	600lm	

## Dimensions



**3** Years  
Standard Warranty**5** Years  
Standard Warranty **Cut out**  
65mm **Fire rating**  
60 minutes **Dimmable**  
Option

# Halo-Tilt

Aluminium LED downlight with Halo optic lens

- Compact size
- Dimmable option
- Choice of 3 finishes



White



Silver



Chrome

## General Specification

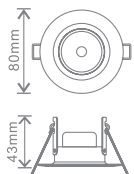
Voltage 220-240Vac  
50-60Hz  
CRI >80  
Life Time 35,000h  
Power Factor 0.95  
Ambient Temp -20°C to 50°C  
Housing Aluminium  
Protection Class II

## Order Code

KSDLLC08TF-S27-WHT  
KSDLLC08TF-S27-MSL  
KSDLLC08TF-S27-CHM  
KSDLLC08TF-S40-WHT  
KSDLLC08TF-S40-MSL  
KSDLLC08TF-S40-CHM  
KSDLLC08TF-S65-WHT  
KSDLLC08TF-S65-MSL  
KSDLLC08TF-S65-CHM

KSDLLC08TF/DIM-S27-WHT  
KSDLLC08TF/DIM-S27-MSL  
KSDLLC08TF/DIM-S27-CHM  
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KSDLLC08TF/DIM-S40-CHM  
KSDLLC08TF/DIM-S65-WHT  
KSDLLC08TF/DIM-S65-MSL  
KSDLLC08TF/DIM-S65-CHM

## Dimensions



## Dimmable

Order Code	Power	Beam Angle	Cut-out	CCT	Lumen	Trade Price
KSDLLC08TF/DIM	8W	36°	65mm	2700K	620lm	<b>£37.98</b>
				4000K	640lm	
				6500K	620lm	

## Non-Dimmable

Order Code	Power	Beam Angle	Cut-out	CCT	Lumen	Trade Price
KSDLLC08TF	8W	36°	65mm	2700K	600lm	<b>£37.98</b>
				4000K	620lm	
				6500K	600lm	

# Conness

Edge-lit circular LED panel downlight

- IP65 when ceiling recess mounted
  - Ultra-slim profile
  - Flicker free
- Optional DALI, 1-10V driver



- 3 Years**  
Standard Warranty
- 5 Years**  
Standard Warranty
- Cut out**  
140mm, 160mm  
227mm
- Emergency**  
Option

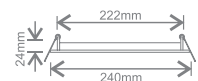
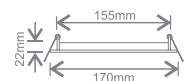
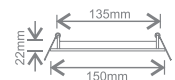
## General Specification

Voltage	220-240Vac 50-60Hz
CRI	82
Life Time	40,000h
Power Factor	>0.55
Ambient Temp	-20°C to 50°C
Housing	Diecast aluminum
Diffuser	Polycarbonate
Protection	Class II

## Order Code

KPNLLS10CF-W40-WHT  
KPNLLS12CF-W40-WHT  
KPNLLS18CF-W40-WHT

## Dimensions



Order Code	Power	Beam Angle	Cut-out	CCT	Lumen	Trade Price
KPNLLS10CF	10W	110°	140mm	4000K	780lm	<b>£16.19</b>
KPNLLS12CF	12W	110°	160mm	4000K	1070lm	<b>£17.85</b>
KPNLLS18CF	18W	110°	227mm	4000K	1420lm	<b>£24.20</b>

## Optional Gear

Type	Order Code	Description	Trade Price
Emergency module	CEW03LIL/N	UEM, 3W, li-ion battery	<b>£78.80</b>
Self-test emergency module	CEW03LIL/S	Self-test UEM, 3W, li-ion battery	<b>£118.16</b>



**3** Years  
Standard Warranty

**5** Years  
Standard Warranty

**Cut out**  
86mm, 111mm  
164mm, 215mm

**Dimmable Options**  
DALI and 1-10V

**Emergency Option**

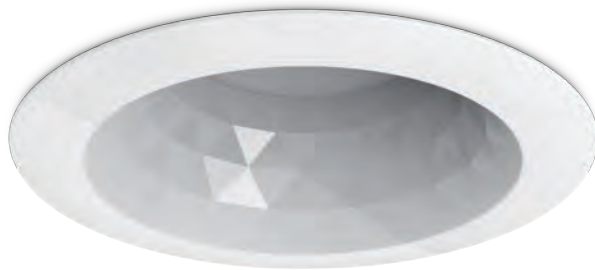
# Faceta

Premium LED downlight with faceted reflector

- IP65 when ceiling recess mounted
- Unique faceted white reflector
- Optional drop-down diffusers
  - Low glare
  - Flicker free
- Optional DALI, 1-10V driver

## General Specification

Voltage 220-240Vac  
50-60Hz  
CRI 85  
Life Time 40,000h  
Power Factor >0.90  
Ambient Temp -20°C to 50°C  
Housing PPT  
Diffuser Polycarbonate  
Protection Class II, IP65



Clear frosted anti-glare halo diffuser

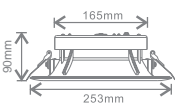
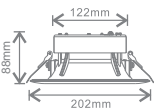
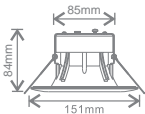
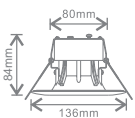


Opal frosted anti-glare halo diffuser

## Order Code

KCDLLS08FR65-W40-WHT  
KCDLLS10FR65-W40-WHT  
KCDLLS16FR65-W40-WHT  
KCDLLS24FR65-W40-WHT

## Dimensions



Order Code	Power	Beam Angle	Cut-out	CCT	Lumen	Trade Price
KCDLLS08FR65	8W	80°	86mm	4000K	400lm	£50.94
KCDLLS10FR65	10W	80°	111mm	4000K	600lm	£54.13
KCDLLS16FR65	16W	80°	164mm	4000K	1100lm	£87.18
KCDLLS24FR65	24W	80°	215mm	4000K	1800lm	£109.67

## Optional Gear

Type	Order Code	Description	Trade Price
Dimmable driver	CYC040TDC25-70	Configurable DALI & 1-10V Dimmable Driver for KCDLLS24FR65	£91.20
Emergency module	CEW03LIL/N	UEM, 3W, li-ion battery	£78.80
Self-test emergency module	CEW03LIL/S	Self-test UEM, 3W, li-ion battery	£118.16

## Accessories

Type	Order Code	Description	Trade Price
Diffuser	KPT-CLR-CDL24	Clear frosted anti-glare halo diffuser	£17.76
Diffuser	KPT-OPL-CDL24	Opal frosted anti-glare halo diffuser	£17.76

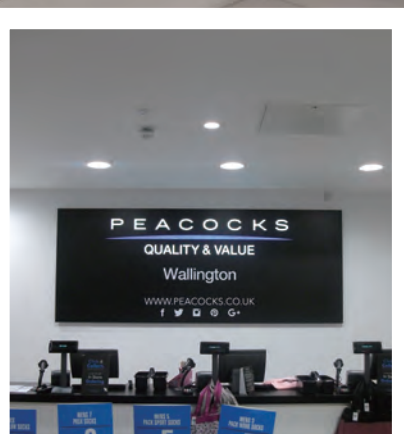


## Peacocks Case Study

Location: Peacocks, Wallington, Surry and Peacocks, St. Austell, Cornwall.

Kosnic was selected by Peacocks' electrical supplier Moss Electrical to design and install an energy efficient, low maintenance lighting scheme to best showcase the brand's clothing products.

Kosnic created a tailor-made Highbay Luminaire, with a choice of black or white powder coated finish for each store.





“We were expecting a solution, but for us to have a completely bespoke fitting created in such a short time is remarkable.”

– Luke Ford of Peacocks

5  
Floodlight



Della-Pro

76



Della

77



Raven

80



Accessories

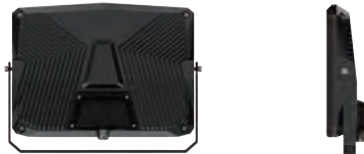
81

# Della-Pro

**NEW** Available Sept. 2017

Premium LED flood light with detachable PIR sensor

- Diecast aluminium body
- Detachable PIR sensor
- Long life of 40,000hrs with DOB technology
- Surge protection



**3** Years Standard Warranty

**7** Years Extended Warranty

**Sensor**  
PIR sensor



Optimal PIR sensor  
KPT-PIR-FLD

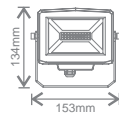
### General Specification

Voltage	220-240Vac 50-60Hz
CRI	>80
Life Time	40,000h
Power Factor	>0.90
Ambient Temp	-20°C to 50°C
Housing	Diecast aluminium
Protection	Class I, IP65 (IP54 with PIR sensor)

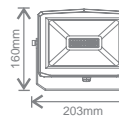
### Order Code

KFLDHS10Q365-W65-BLK  
KFLDHS20Q365-W65-BLK  
KFLDHS30Q365-W65-BLK  
KFLDHS50Q365-W65-BLK

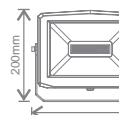
### Dimensions



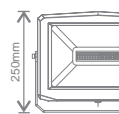
KFLDHS10Q365



KFLDHS20Q365



KFLDHS30Q365



KFLDHS50Q365

Order Code	Power	Beam Angle	Finish	CCT	Lumen	Trade Price
KFLDHS10Q365	10W	110°	Black	6500K	900lm	<b>£36.42</b>
KFLDHS20Q365	20W	110°	Black	6500K	1800lm	<b>£55.59</b>
KFLDHS30Q365	30W	110°	Black	6500K	3000lm	<b>£85.58</b>
KFLDHS50Q365	50W	110°	Black	6500K	4500lm	<b>£126.95</b>

### Accessories

Order Code	Description	Trade Price
KPT-PIR-FLD	Detachable IP54 PIR sensor	<b>£23.15</b>

**3** Years  
Standard Warranty

**5** Years  
Extended Warranty

**Sensor**  
PIR sensor



Optimal PIR sensor  
KPT-PIR-FLD

# Della

(10W, 20W, 30W, 50W)

LED flood light with detachable PIR sensor

- Diecast aluminium body
- Detachable PIR sensor
- Long life of 40,000hrs with DOB technology
- Surge protection

## General Specification

Voltage 220-240Vac  
50-60Hz  
CRI >80  
Life Time 40,000h  
Power Factor >0.56  
Ambient Temp -20°C to 50°C  
Housing Diecast aluminum  
Protection Class I, IP65  
(IP54 with PIR sensor)

## Order Code

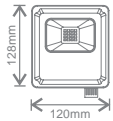
KFLDHS10Q65-W30-BLK  
KFLDHS10Q65-W65-BLK  
KFLDHS10Q65-W30-WHT  
KFLDHS10Q65-W65-WHT

KFLDHS20Q65-W30-BLK  
KFLDHS20Q65-W65-BLK

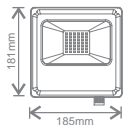
KFLDHS30Q65-W30-BLK  
KFLDHS30Q65-W65-BLK

KFLDHS50Q65-W65-BLK

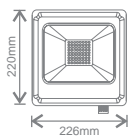
## Dimensions



KFLDHS10Q65



KFLDHS20Q65  
KFLDHS30Q65



KFLDHS50Q65



Order Code	Power	Beam Angle	Finish	CCT	Lumen	Trade Price
KFLDHS10Q65	10W	110°	Black White	3000K 6500K	730lm 750lm	<b>£34.79</b>
KFLDHS20Q65	20W	110°	Black	3000K 6500K	1700lm 1900lm	<b>£63.00</b>
KFLDHS30Q65	30W	110°	Black	3000K 6500K	2700lm 2800lm	<b>£65.42</b>
KFLDHS50Q65	50W	110°	Black	6500K	4500lm	<b>£97.55</b>

## Accessories

Order Code	Description	Trade Price
KPT-PIR-FLD	Detachable IP54 PIR sensor	<b>£23.15</b>

# Della

(80W, 100W)

LED flood light with detachable PIR sensor

- Diecast aluminium body
- Long life of 40,000hrs with DOB technology
- Surge protection



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

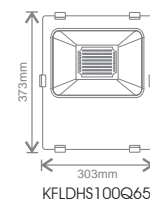
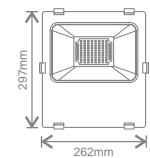
### General Specification

Voltage	220-240Vac 50-60Hz
CRI	>80
Life Time	40,000h
Power Factor	>0.96
Ambient Temp	-20°C to 50°C
Housing	Diecast aluminum
Protection	Class I, IP65

### Order Code

KFLDHS80Q65-W65-BLK  
KFLDHS100Q65-W65-BLK

### Dimensions



Order Code	Power	Beam Angle	Finish	CCT	Lumen	Trade Price
KFLDHS80Q65	80W	110°	Black	6500K	9000lm	£212.59
KFLDHS100Q65	100W	110°	Black	6500K	11100lm	£259.32



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

# Della

(200W)

LED flood light with detachable PIR sensor

- Diecast aluminium body
- Long life of 40,000hrs with DOB technology
- Surge protection

## General Specification

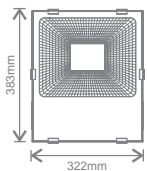
Voltage	220-240Vac 50-60Hz
CRI	84
Life Time	40,000h
Power Factor	0.97
Ambient Temp	-20°C to 50°C
Housing	Diecast aluminium
Protection	Class I, IP65



## Order Code

KFLDHS200Q65-W65-BLK

## Dimensions



Order Code	Power	Beam Angle	Finish	CCT	Lumen	Trade Price
KFLDHS200Q65	200W	110°	Black	6500K	23500lm	£609.62

# Raven

Slim profile LED flood light with microwave sensor

- Ultra slim profile
- Option of microwave sensor
- Choice of white or black flood light



Black



White

## Standard

Order Code	Power	Beam Angle	Finish	CCT	Lumen	Trade Price
KFLDHS10Q265	10W	115°	Black White	6500K	970lm	<b>£19.24</b>
KFLDHS20Q265	20W	115°	Black White	6500K	1900lm	<b>£26.19</b>

## Sensor

Order Code	Power	Beam Angle	Finish	CCT	Lumen	Trade Price
KFLDHS10Q265/S	10W	115°	Black White	6500K	970lm	<b>£39.85</b>
KFLDHS20Q265/S	20W	115°	Black White	6500K	1900lm	<b>£46.56</b>

**3** Years  
Standard Warranty

**5** Years  
Extended Warranty

**Sensor**  
PIR sensor

## General Specification

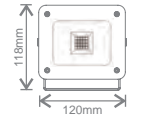
Voltage	220-240Vac 50-60Hz
CRI	>80
Life Time	40,000h
Power Factor	>0.80
Ambient Temp	-20°C to 50°C
Housing	Diecast aluminum
Protection	Class I, IP65

## Order Code

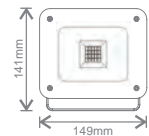
KFLDHS10Q265-W65  
KFLDHS10Q265/S-W65

KFLDHS20Q265-W65  
KFLDHS20Q265/S-W65

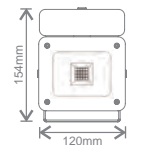
## Dimensions



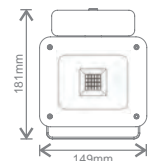
KFLDHS10Q265



KFLDHS20Q265



KFLDHS10Q265/S



KFLDHS20Q265/S

# Fixing Accessories

**NEW** Available July 2017

Supporting arm and spike for floodlight



▲ Supporting arm

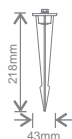
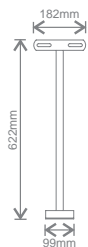


▲ Spike

**Order Code**

KPT-SUP-FLD  
KPT-SPK-FLD

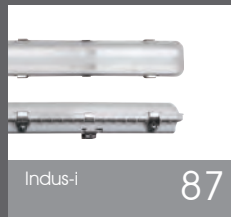
**Dimensions**



Type	Order Code	Description	Trade Price
Support	KPT-SUP-FLD	Supporting arm for floodlight, max 50W	<b>£29.85</b>
Spike	KPT-SPK-FLD	Spike for floodlight, max 50W	<b>£2.73</b>



Linear Luminaire



# Lena Interior LED Batten

## Modular LED Batten

with plug-in sensor & plug-in emergency module

### End lid

The end lid fixes the diffuser to the fitting via a screw, preventing user from touching the LED boards.



### Plug-in Microwave Sensor

The Plug & Play sensor can be easily installed. It dims the 1-10V driver achieving the corridor function.

### High performance LED

High performance LED chips fixed to the side wings of the fittings achieving 130lm/W.

### Clip-on PC diffuser

Optical polycarbonate diffuser with transmittance above 90%.

### Mounting clips

The surface-mount clips are provided for easy installation.

### Plug-in Emergency Module

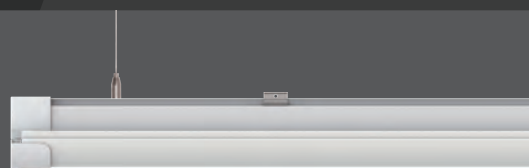
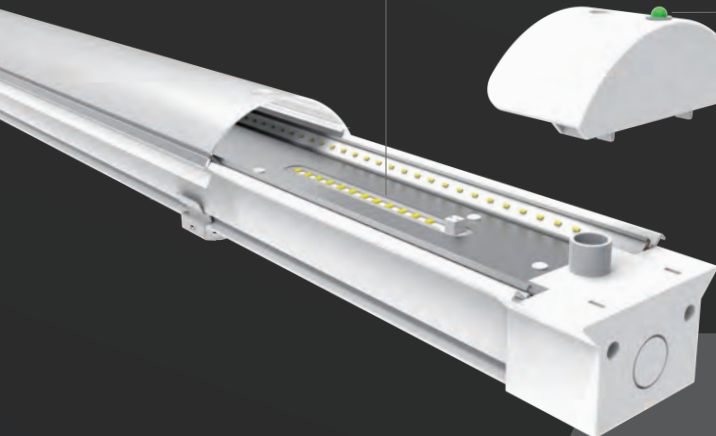
The Plug & play emergency module includes LED strip for emergency lighting.

### Flicker-free driver

1-10V flicker free driver is provided as standard.

### Emergency LED indicator

End lid with pre-fixed LED indicator is supplied together with the plug-in emergency module.



Suspended installation

- 3** Years  
Standard Warranty
- 5** Years  
Extended Warranty
- Emergency**  
Option
- Sensor**  
Option

# Lena-i NEW Available August 2017

Interior batten with integrated LED

- Flicker free
- Plug & play microwave sensor module with corridor function
- Plug & play emergency module

### General Specification

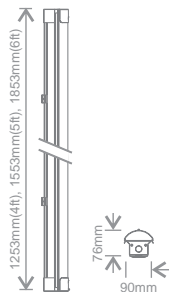
Voltage 220-240Vac  
50-60Hz  
CRI >80  
Life Time 40,000h  
Power Factor 0.95  
Ambient Temp -20°C to 50°C  
Housing Polycarbonate  
IK Rating 08  
Protection Class I, IP65



### Order Code

KBTNHS30LS1-W40  
KBTNHS50LS1-W40  
KBTNHS70LS1-W40

### Dimensions



Order Code	Power	Length	CCT	Lumen	Trade Price
KBTNHS30LS1	30W	4ft	4000K	3600lm	<b>£143.11</b>
KBTNHS50LS1	50W	5ft	4000K	6000lm	<b>£168.80</b>
KBTNHS70LS1	70W	6ft	4000K	8400lm	<b>£215.87</b>

### Accessories

Type	Order Code	Description	Trade Price
Emergency Module	KBTNLS1-EME	3W, Plug-in Emergency Module	<b>£73.32</b>
Sensor	KBTNLS1-MWS	Plug-in microwave sensor with corridor function	<b>£33.96</b>

# Lena-Eco

**NEW** Available August 2017

Interior batten with integrated LED

- High efficiency up to 126lm/W
- Emergency option available

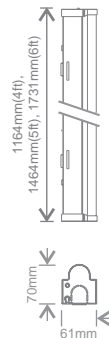


- 5 Years** Standard Warranty
- Emergency Option**

### Order Code

KBTN30LS3-WHT  
KBTN50LS3-WHT  
KBTN70LS3-WHT

### Dimensions



Order Code	Power	Length	CCT	Lumen	Trade Price
KBTN30LS3	30W	4ft	4000K	3800lm	<b>£103.27</b>
KBTN50LS3	50W	5ft	4000K	6300lm	<b>£118.14</b>
KBTN70LS3	70W	6ft	4000K	8800lm	<b>£141.36</b>

### Options

Suffix	Description	Trade Price*
/E	Emergency, with Ni-Cd battery	<b>£69.57</b>

\* Additional trade price to associated luminaire model



**3** Years  
Standard Warranty

**5** Years  
Extended Warranty

**Emergency**  
Option

**Sensor**  
Option

# Indus-i NEW Available August 2017

Non-corrosive linear luminaire with integrated LED

- IP65 and vandal resistant (IK10)
- Option with microwave sensor
  - Emergency option
  - Conduit entry



30W, 40W



50W, 70W

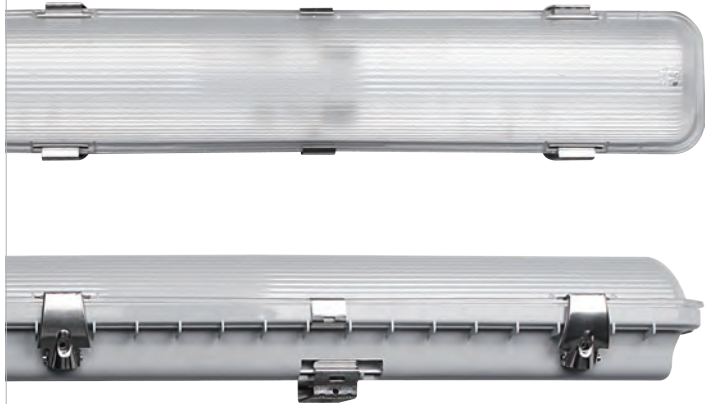
### General Specification

Voltage 220-240Vac  
50-60Hz  
CRI >80  
Life Time 40,000h  
Power Factor 0.95  
Ambient Temp -20°C to 50°C  
Housing Polycarbonate  
IK Rating 10  
Protection Class II, IP65

### Order Code

KNCF30S4F-W40  
KNCF40S5F-W40  
KNCF50T4F-W40  
KNCF70T5F-W40

### Dimensions



Order Code	Power	Length	CCT	Lumen	Trade Price
KNCF30S4F	30W	4ft single	4000K	3600lm	£143.11
KNCF40S5F	40W	5ft single	4000K	4800lm	£162.68
KNCF50T4F	50W	4ft twin	4000K	6000lm	£156.60
KNCF70T5F	70W	5ft twin	4000K	8400lm	£191.00

### Options

Suffix	Description	Trade Price*
/S	Microwave sensor with corridor function	£26.38
/E	Emergency, with Ni-Cd battery	£52.09
/ES	Emergency & Microwave sensor	£77.64

\* Additional trade price to associated luminaire model

# Indus

Non-corrosive linear luminaire for LED T8 lamps

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



Lamp not included

**5** Years  
Standard Warranty

**Emergency**  
Option



Single, 4ft / 5ft / 6ft



Twin, 4ft / 5ft / 6ft

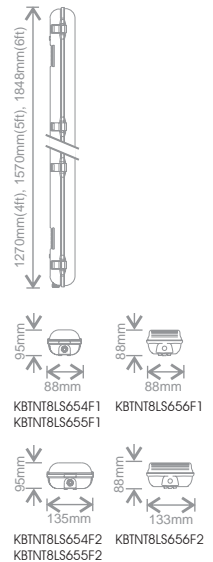
### General Specification

Voltage 220-240Vac  
50-60Hz  
Housing Polycarbonate  
IK Rating 08  
Protection Class II, IP65

### Order Code

KBTNT8LS654F1  
KBTNT8LS654F2  
KBTNT8LS655F1  
KBTNT8LS655F2  
KBTNT8LS656F1  
KBTNT8LS656F2

### Dimensions



Order Code	Model	Lamp	LOR	Trade Price
KBTNT8LS654F1	4ft single	1 x 4ft LED T8	92%	<b>£33.17</b>
KBTNT8LS654F2	4ft twin	2 x 4ft LED T8	92%	<b>£42.04</b>
KBTNT8LS655F1	5ft single	1 x 5ft LED T8	92%	<b>£40.83</b>
KBTNT8LS655F2	5ft twin	2 x 5ft LED T8	92%	<b>£54.41</b>
KBTNT8LS656F1	6ft single	1 x 6ft LED T8	90%	<b>£67.88</b>
KBTNT8LS656F2	6ft twin	2 x 6ft LED T8	90%	<b>£77.08</b>

### Options

Suffix	Description	Trade Price*
/E	Emergency, with Ni-Cd battery	<b>£61.70</b>

**3** Years  
Standard Warranty

**5** Years  
Extended Warranty

# Volta

Non-corrosive batten with integrated LED

- IP65 and vandal resistant (IK08)
- Full polycarbonate body

## 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 Polycarbonate  
IK Rating 08  
Protection Class II, IP65

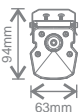
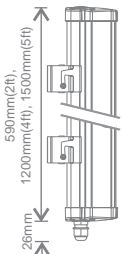
## Order Code

KBTN30L65-W40  
KBTN30L65-W65

KBTN50L65-W40  
KBTN50L65-W65

KBTN70L65-W40  
KBTN70L65-W65

## Dimensions



Order Code	Power	Length	CCT	Lumen	Trade Price
KBTN30L65	30W	2ft	4000K 6500K	2700lm	£77.74
KBTN50L65	50W	4ft	4000K 6500K	4800lm	£128.57
KBTN70L65	70W	5ft	4000K 6500K	5700lm	£141.09

# Slim-Line

Slim profile batten with integrated LED

**3** Years  
Standard Warranty

**5** Years  
Extended Warranty

### Suspension mount



### 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 Polycarbonate  
Protection Class I, IP20

### Order Code

KBTNHS30LS2-W40-WHT  
KBTNHS45LS2-W40-WHT

### Dimensions



Order Code	Power	Length	CCT	Lumen	Trade Price
KBTNHS30LS2	30W	4ft	4000K	3800lm	<b>£113.82</b>
KBTNHS45LS2	45W	5ft	4000K	5500lm	<b>£132.74</b>

**5** Years  
Standard Warranty

# Kasai

Prewired batten for LED T8 lamps

• Optional reflector

## General Specification

Voltage 220-240Vac  
50-60Hz  
Housing Steel  
Protection Class I, IP20

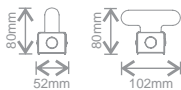
## Order Code

KBTNT8LS202F1  
KBTNT8LS202F2

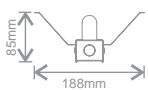
KBTNT8LS204F1  
KBTNT8LS204F2

KBTNT8LS205F1  
KBTNT8LS205F2

## Dimensions



KBTNT8LS20XFX



KPT-RXF-WHT



▲ Twin Batten with Reflector



▲ Single Batten



▲ Twin Batten



▲ Single Batten with Reflector

Order Code	Model	Inc. Lamps	Lamp Lumen	Trade Price
KBTNT8LS202F1	2ft single	1 x 8W 2ft LED T8	1000lm	£34.86
KBTNT8LS202F2	2ft twin	2 x 8W 2ft LED T8	2 x 1000lm	£50.29
KBTNT8LS204F1	4ft single	1 x 17W 4ft LED T8	2000lm	£41.35
KBTNT8LS204F2	4ft twin	2 x 17W 4ft LED T8	2 x 2000lm	£61.55
KBTNT8LS205F1	5ft single	1 x 25W 5ft LED T8	3000lm	£51.19
KBTNT8LS205F2	5ft twin	2 x 25W 5ft LED T8	2 x 3000lm	£76.70

## Accessories

Type	Order Code	Description	Models	Trade Price
Reflector	KPT-R2F-WHT	White powder coated sheet steel reflector	KBTNT8LS202F1 KBTNT8LS202F2	£8.20
Reflector	KPT-R4F-WHT	White powder coated sheet steel reflector	KBTNT8LS204F1 KBTNT8LS204F2	£12.39
Reflector	KPT-R5F-WHT	White powder coated sheet steel reflector	KBTNT8LS205F1 KBTNT8LS205F2	£15.70



High Bay  
&  
Low Bay



Arcus

95



Arcus-Compact

98



Nimbus

99



Nimbus-DOB

100



Echo

101



Cirrus

102



Contrail

103

# Arcus Low Bay / High Bay

## Rectangular Low Bay & High Bay with daylight harvesting option

### Aluminium Back plate

Built from 3mm high purity aluminium sheet for fast heat dissipation \*

\*The heat conductivity of Pressed Aluminium sheet is 70% higher than Diecast aluminium

### High Efficiency LED Driver

Uses latest LED Driver technology achieving ultra high efficiency over 93%

### Polycarbonate Extrusion

High transmittance of 90% , providing protection and light diffusing

### PIR & Day-light Sensor

Advanced programmable presence detector from **CP electronics**

### Premium **SAMSUNG** LED chip

Uses high performance Samsung LED chips of 150lm/W

### Aluminium reflector

Made from aluminium mirror sheet with reflectivity >85%

### Polycarbonate diffuser

PC diffuser has high transmittance rate of 90%

# 6500K

 | Improves wellbeing and safety in industrial environment

Research has shown that light with shorter wavelength (higher colour temperature) increase the mental activity level and alertness. It has also been demonstrated that higher colour temperature (6500K, Day light) in a working environment contributes to wide ranging improvements in wellbeing, functioning and work performance.



**3** Years  
Standard Warranty

**5** Years  
Extended Warranty

**Sensor**  
PIR sensor



PIR Sensor

**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 Zinc coated  
sheet steel  
Diffuser Polycarbonate  
Protection Class I, IP20

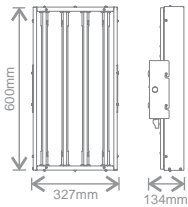
**Order Code**

KMSD150LLBE-W65-WHT  
KMSD150LLBE/S-W65-WHT

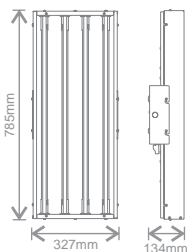
KMSD150LHBE-W65-WHT  
KMSD150LHBE/S-W65-WHT

KMSD200LHBE-W65-WHT  
KMSD200LHBE/S-W65-WHT

**Dimensions**



KMSD150LLBE  
KMSD150LHBE



KMSD200LHBE

# Arcus

Rectangular LED low bay / high bay

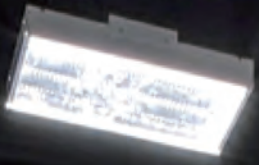
- Optional polycarbonate diffuser
- Vandal resistant with diffuser
- PIR & daylight harvesting option



Order Code	Type	Power	Beam Angle	CCT	Lumen	Trade Price
KMSD150LLBE	Low Bay	150W	107° (Axial) 71° (Transverse)	4000K 6500K	15000lm	<b>£503.84</b>
KMSD150LHBE	High Bay	150W	106° (Axial) 56° (Transverse)	4000K 6500K	15000lm	<b>£503.84</b>
KMSD200LHBE	High Bay	200W	106° (Axial) 56° (Transverse)	6500K	21000lm	<b>£616.93</b>

**Accessories**

Type	Order Code	Description	Trade Price
Sensor	EBDHS-MB-PRM	On/off output Provided by CP Electronics	<b>£316.88</b>
Sensor	EBMPIR-MB-AD	1-10V output Provided by CP Electronics	<b>£353.75</b>
Diffuser	KPT-CLR-LBHB	Clear IK10 for 150W	<b>£19.13</b>
Diffuser	KPT-DFS-LBHB	Opal IK10 for 150W	<b>£33.77</b>
Diffuser	KPT-CLR-HB200	Clear IK10 for 200W	<b>£36.16</b>
Diffuser	KPT-DFS-HB200	Opal IK10 for 200W	<b>£40.43</b>



JUNIOR KIT

No1	TOTAL	No3
205	374	144
LAST MAN	OVERS	WKTS
12	36	1
		VISITORS
		373



**new balance** **GM**



2024  
2024  
2024





## All Rounder Sports shop Case Study

Location: All Rounder Cricket and Hockey Store in Sheffield.

Brief: Replacing inefficient and costly halogen and CFL lamps with cost effective Kosnic LED alternatives.

Solution: 16x 150W LowBay LED luminaires, Samsung SMD's, 6x Faceted downlights, 4x Kosnic 30W LED panels, eme modules.

Results: The new scheme has significantly improved the energy efficiency of the store, bringing down energy usage, electricity bills and maintenance costs.

**“We’ve been really impressed by the support given by Kosnic”**

– Chris Taylor of All Rounder

# Arcus-Compact NEW Available Now

Compact LED low bay with diffuser

- Slim profile
- Vandal resistant
- Microwave sensor option



**3** Years  
Standard Warranty

**5** Years  
Extended Warranty

**Sensor**  
PIR sensor

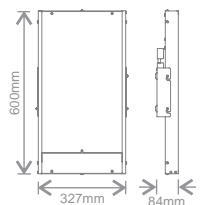
## General Specification

Voltage	220-240Vac 50-60Hz
CRI	>80
Life Time	40,000h
Power Factor	0.95
Ambient Temp	-20°C to 50°C
Housing	Zinc coated sheet steel
Protection	Class I, IP20

## Order Code

KMSD100LLBE-W65-WHT

## Dimensions



Order Code	Power	Beam Angle	CCT	Lumen	Trade Price
KMSD100LLBE	100W	120°	6500K	11500lm	<b>£340.66</b>

## Options

▀ Available August 2017

Suffix	Description	Trade Price*
/S	Microwave motion sensor	<b>£46.28</b>

\* Additional trade price to associated luminaire model

**3** Years  
Standard Warranty

**5** Years  
Extended Warranty

**Sensor**  
PIR sensor

# Nimbus NEW Available August 2017

Disk shaped LED circular high bay

- High efficiency up to 140lm/W
  - Diecast aluminum body
    - IP65
  - Vandal resistant (IK10)
  - 1-10V dimmable as standard
- Fixed with water-proof junction box for easy wiring
- Optional microwave motion sensor (1-10V dimming)
  - Optional wall-mount bracket



Bracket



Sensor

## 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
IK Rating	10
Protection	Class I, IP65



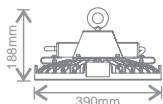
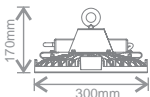
## Order Code

KMHD150CHB-W50

KMHD200CHB-F50

KMHD240CHB-F50

## Dimensions



Order Code	Power	Beam Angle	CCT	Lumen	Trade Price
KMHD150CHB	150W	90°	5000K	21000lm	<b>£528.83</b>
KMHD200CHB	200W	60°	5000K	28000lm	<b>£625.76</b>
KMHD240CHB	240W	60°	5000K	31200lm	<b>£761.16</b>

## Accessories

Type	Order Code	Description	Trade Price
Sensor	KPT-MWS-UFO	IP65 Merrytek motion sensor	<b>£131.91</b>
Bracket	KPT-BKT1-UFO	Large bracket used on KMHD150&200	<b>£25.65</b>
Bracket	KPT-BKT2-UFO	Small bracket used on KMHD240	<b>£30.75</b>

# Nimbus-DOB NEW Available July 2017

Disk shaped LED circular high bay with DOB technology

- DOB (Driver on Board) technology
  - Diecast aluminium body
  - IP65
  - Vandal resistant (IK10)
- Optional anti-glare aluminium reflector

**5** Years  
Standard Warranty

**10** Years  
Extended Warranty

**5000V**  
Surge Protection



▲ KHBHS130CH65



Beam angle of 85° with the reflector

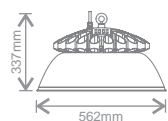
### General Specification

Voltage	220-240Vac 50-60Hz
CRI	>83
Life Time	70,000h
Power Factor	0.99
Ambient Temp	-20°C to 50°C
Housing	Diecast aluminum
IK Rating	10
Protection	Class I, IP65

### Order Code

KHBHS130CH65-W50

### Dimensions



Order Code	Power	Beam Angle	CCT	Lumen	Trade Price
KHBHS130CH65	130W	120°	5000K	14600lm	<b>£380.00</b>

### Accessories

Type	Order Code	Beam Angle	Description	Trade Price
Reflector	KPT-REF-UFO	85°	Aluminum reflector	<b>£122.09</b>

**3** Years  
Standard Warranty**5** Years  
Extended Warranty**Echo** **NEW** Available  
Sept. 2017

LED circular high bay with PC reflector

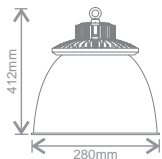
- Diecast aluminium body
  - IP65
- Vandal resistant (IK10)
- Optional PC reflector

**General Specification**

Voltage 220-240Vac  
50-60Hz  
CRI >83  
Life Time 70,000h  
Power Factor 0.99  
Ambient Temp -20°C to 50°C  
Housing Diecast aluminium  
IK Rating 10  
Protection Class I, IP65

**Order Code**

KMHD100CHB-W50

**Dimensions**

Order Code	Power	Beam Angle	CCT	Lumen	Trade Price
KMHD100CHB	100W	60°	5000K	9000lm	£286.11

**Accessories**

Type	Order Code	Description	Trade Price
Reflector	KPT-PCR-UFO	Polycarbonate bell-shaped reflector	£67.16

# Cirrus

Interior circular high bay

- Opal diffuser with soft light
- Low glare with circular reflector
- Ideal for retail application



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

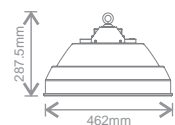
## General Specification

Voltage	220-240Vac 50-60Hz
CRI	>80
Life Time	40,000h
Power Factor	0.98
Ambient Temp	-20°C to 50°C
Housing	Zinc coated sheet steel
Protection	Class II, IP20

## Order Code

KMHD50FDCHB-W40-WHT  
KMHD100FDCHB-W40-WHT

## Dimensions



Order Code	Power	Beam Angle	CCT	Lumen	Trade Price
KMHD50FDCHB	50W	105°	4000K	4800lm	<b>£456.72</b>
KMHD100FDCHB	100W	105°	4000K	9500lm	<b>£493.85</b>



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

# Contrail

Twin panel LED low bay

- Tilting LED panels
- Slim profile
- Polycarbonate diffuser

## General Specification

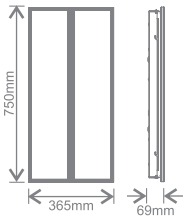
Voltage 220-240Vac  
50-60Hz  
CRI >80  
Life Time 40,000h  
Power Factor 0.95  
Ambient Temp -20°C to 50°C  
Housing Powder coated aluminum  
Diffuser Polycarbonate  
Protection Class I, IP20



## Order Code

KPNLLS100T2S-W40-WHT

## Dimensions



Order Code	Power	Finish	CCT	Lumen	Trade Price
KPNLLS100T2S	100W	White	4000K	8200lm	£354.01



Display



Airline

107



Maly

109



Tatio

113



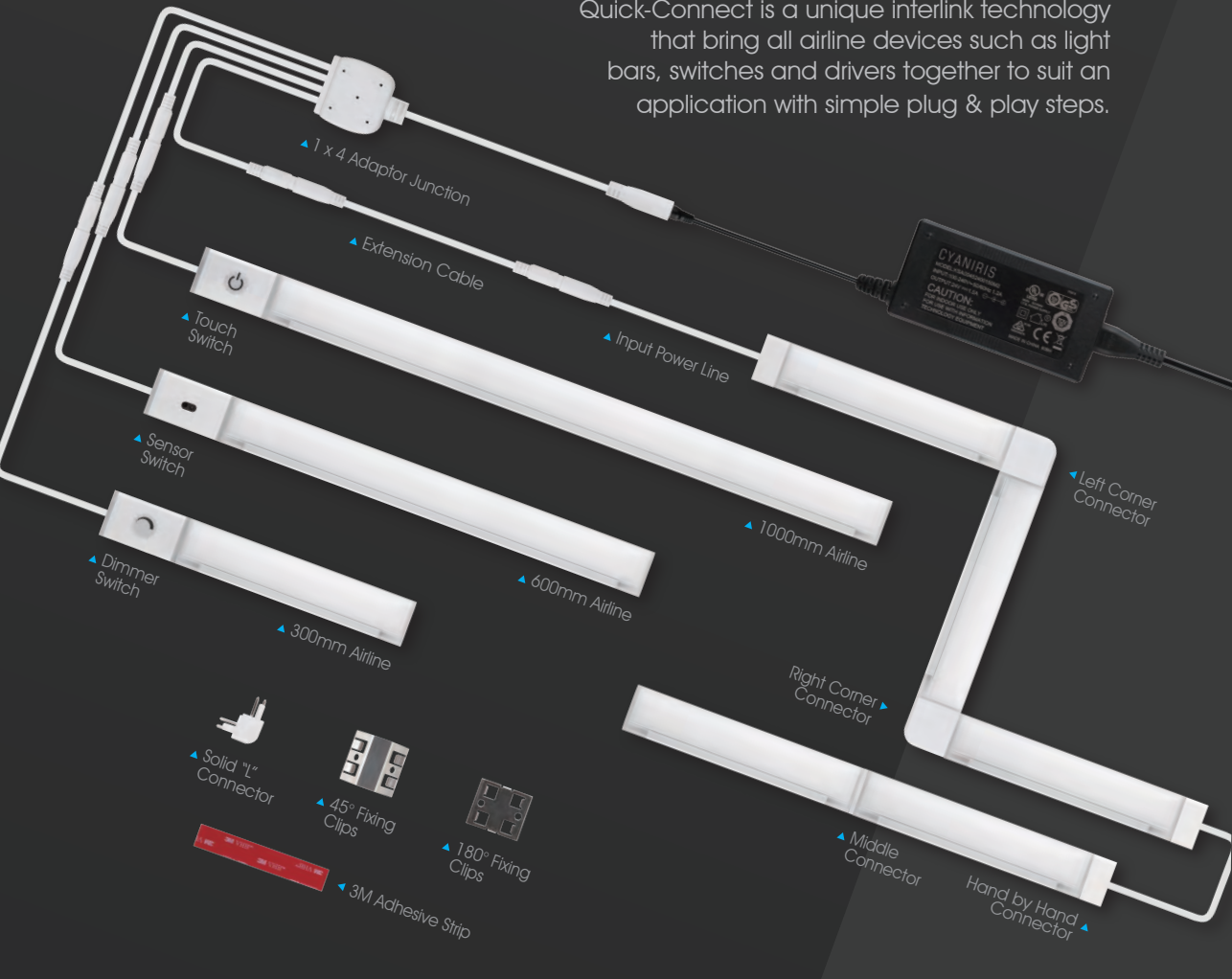
Aloba

115

# Airline LED Cabinet Lighting

## Plug & Play with Quick-Connect

Quick-Connect is a unique interlink technology that bring all airline devices such as light bars, switches and drivers together to suit an application with simple plug & play steps.



## EDGE-LIT

### LED Lighting Bar

Uses edge-lit technology to achieve constant light across the surface of the light bar, without any light spot.



**3** Years  
Standard Warranty

# Airline NEW Available Now

## Modular LED Linear lighting System

- Uniform soft light for perfect presentation without dark areas
  - Three lengths of lighting bar to choose from
  - Quick connection system between lighting bars
  - Touch switch, sensor switch or dimmer control
- Full set of accessories for various installation methods



KAL-CC-13  
Touch Switch



KAL-CC-14  
Sensor Switch



KAL-CC-15  
Dimmer Switch



KAL-FB-10  
Left Corner Connector



KAL-FB-11  
Right Corner Connector



KAL-SC-10  
Solid "L" Connector



KAL-MC-10  
Middle Connector



KAL-CP-4  
1 x 4 Adaptor Junction



KAL-CC-10  
Input Power Line



Order Code	Power	Length	Beam Angle	CCT	Lumen	Trade Price
KAL-H030-5W	5W	300mm	100°	3000K	350lm	£44.09
KAL-H060-9W	9W	600mm	100°	3000K	630lm	£63.84
KAL-H100-15W	15W	1000mm	100°	3000K	950lm	£83.52

**Power Supply**

Order Code	Max Power	Output Voltage	Input Voltage	Trade Price
KSAS0452400150M2	36W	24Vdc	100-240Vac 50-60Hz	<b>£53.79</b>
KSAS0652400250M2	60W	24Vdc	100-240Vac 50-60Hz	<b>£71.32</b>

**Accessories**

Type	Order Code	Description	Trade Price
Switch	KAL-CC-13	Touch Switch	<b>£15.43</b>
Switch	KAL-CC-14	Sensor Switch	<b>£16.71</b>
Switch	KAL-CC-15	Dimmer Switch	<b>£20.53</b>
Connector	KAL-FB-10	Left Corner Connector	<b>£7.70</b>
Connector	KAL-FB-11	Right Corner Connector	<b>£7.70</b>
Connector	KAL-SC-10	Solid "L" Connector	<b>£6.42</b>
Connector	KAL-MC-10	Middle Connector	<b>£1.32</b>
Connector	KAL-CP-4	1 x 4 Adaptor Junction	<b>£12.94</b>
Cable	KAL-CC-10	Input Power Line	<b>£5.86</b>
Cable	KAL-CE-1	Extension Cable	<b>£9.04</b>
Connector	KAL-CE-10	Hand by Hand Connector	<b>£7.80</b>
Fixing	KAL-FC-1	180° Fixing Clips	<b>Included in box</b>
Fixing	KAL-FC-2	45° Fixing Clips	<b>Included in box</b>
Fixing	KAL-FC-4	3M Adhesive Strip	<b>Included in box</b>



KAL-CE-1  
Extension Cable



KAL-CE-10  
Hand by Hand Connector



KAL-FC-1  
180° Fixing Clips



KAL-FC-2  
45° Fixing Clips



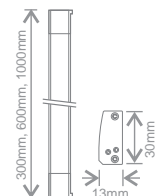
KAL-FC-4  
3M Adhesive Strip



**Order Code**

- KAL-H030-5W
- KAL-H060-9W
- KAL-H100-15W

**Dimensions**



**3** Years  
Standard Warranty

**5** Years  
Extended Warranty

# Maly

Modular system of LED retail downlights

- Modular design of LED engine and housings
- High performance CREE COB LED
- Negligible UV, ideal for retail application

## 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  
Protection Class II

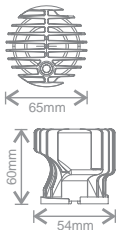


Order Code	Power	Beam Angle	CCT	Lumen	Trade Price
KRDL605M15	15W	15° 38°	5000K	1250lm	<b>£55.36</b>

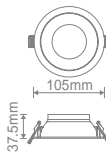
## Order Code

KRDL605M15-B50  
KRDL605M15-S50

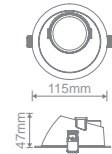
## Dimensions



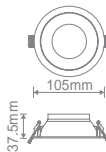
**KRDL615HW**  
Cut-out 90mm



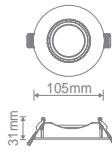
**KRDL635HW**  
Cut-out 100mm



**KRDL615-BHS**  
Cut-out 90mm

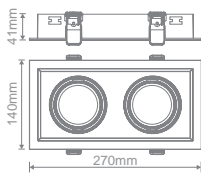
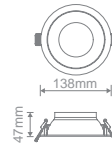
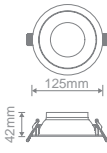
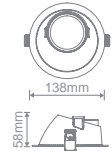
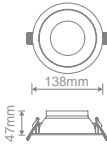
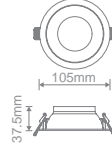
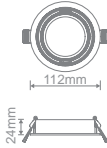


**KRDL642HW**  
Cut-out 90mm





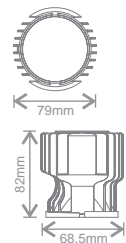
Order Code	Power	Beam Angle	CCT	Lumen	Trade Price
KRDL606M24	24W	15° 38°	5000K	2100lm	£77.71



**Order Code**

KRDL606M24-B50  
KRDL606M24-S50

**Dimensions**







Order Code	Power	Beam Angle	CCT	Lumen	Trade Price
KRDL607M34	34W	15° 40°	5000K	3100lm 2800lm	£92.45



KRDL607-1HW  
Cut-out 150mm



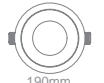
KRDL607-2HW  
Cut-out 150mm



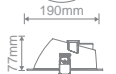
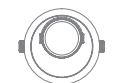
KRDL617HW  
Cut-out 150mm



KRDL627HW  
Cut-out 170mm



KRDL637HW  
Cut-out 170mm



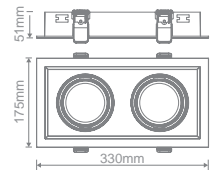
KRDL617-BHS  
Cut-out 150mm



KRDL627-BHS  
Cut-out 170mm



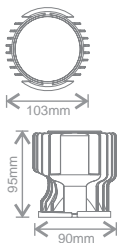
KRDL647-2HW  
Cut-out 315\*160mm



**Order Code**

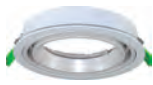
KRDL607M34-R50  
KRDL607M34-S50

**Dimensions**





Order Code	Power	Beam Angle	CCT	Lumen	Trade Price
KRDL608M50	50W	20° 40°	5000K	4100lm	£143.74



KRDL608-1HW  
Cut-out 170mm



KRDL608-2HW  
Cut-out 170mm



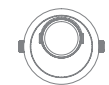
KRDL618HW  
Cut-out 170mm



KRDL628HW  
Cut-out 210mm



KRDL638HW  
Cut-out 210mm



KRDL618-BHS  
Cut-out 170mm



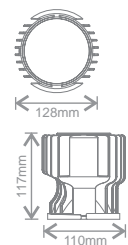
KRDL628-BHS  
Cut-out 210mm



Order Code

KRDL608M50-B50  
KRDL608M50-S50

Dimensions



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

# Tatio

## Circular LED wall washer

- High performance CREE COB LED
- Negligible UV, ideal for retail application

### 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  
Protection Class II

### Order Code

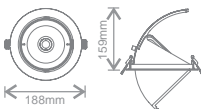
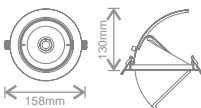
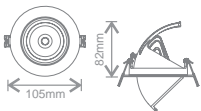
KWWDL15-B30  
KWWDL15-B50  
KWWDL15-S30  
KWWDL15-S50

KWWDL24-B30  
KWWDL24-B50  
KWWDL24-S30  
KWWDL24-S50

KWWDL34-B30  
KWWDL34-B50  
KWWDL34-S30  
KWWDL34-S50



### Dimensions



Order Code	Power	Beam Angle	Cut-out	CCT	Lumen	Trade Price
KWWDL15	15W	16°	90mm	3000K 5000K	1250lm	£71.44
KWWDL15	15W	36°	90mm	3000K 5000K	1250lm	£71.44
KWWDL24	24W	15°	145mm	3000K 5000K	2000lm 2100lm	£112.14
KWWDL24	24W	36°	145mm	3000K 5000K	2000lm	£112.14
KWWDL34	34W	15°	170mm	3000K 5000K	2800lm 3100lm	£139.43
KWWDL34	34W	40°	170mm	3000K 5000K	2300lm 2900lm	£139.43

# Tatio

Rectangular LED wall washer

- High performance COB LED
- Negligible UV, ideal for retail application
- Wide beam angle of 110°



**3** Years  
Standard Warranty

**5** Years  
Extended Warranty

## General Specification

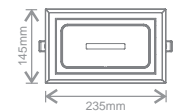
Voltage	220-240Vac 50-60Hz
CRI	>80
Life Time	40,000h
Power Factor	>0.95
Ambient Temp	-20°C to 50°C
Housing	Diecast aluminum
Protection	Class II

## 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°	220-130mm	3000K	2050lm	<b>£133.91</b>
				4000K	2120lm	
				6000K	2150lm	
KWWDL35Q	35W	110°	220-130mm	3000K	2960lm	<b>£146.66</b>
				4000K	3050lm	
				6000K	3120lm	

**3** Years  
Standard Warranty

**5** Years  
Extended Warranty

# Aloba

## LED Track light

- Popular global 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  
Protection Class I, IP20

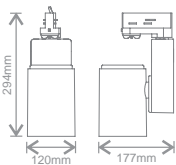
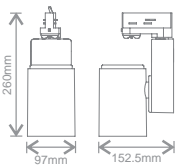
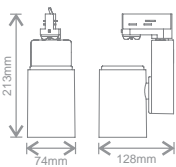
### Order Code

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



3-Circuit  
GLOBAL Trac

Order Code	Power	Beam Angle	CCT	Lumen	Trade Price
KTDL24GL	24W	15°	3000K 4000K 5000K	2000lm	<b>£137.60</b>
KTDL24GL	24W	38°	3000K 4000K 5000K	2000lm	<b>£137.60</b>
KTDL34GL	34W	15°	3000K 4000K 5000K	2800lm 2900lm 3100lm	<b>£164.54</b>
KTDL34GL	34W	40°	3000K 4000K 5000K	2300lm 2700lm 2900lm	<b>£164.54</b>
KTDL50GL	50W	20°	3000K 4000K 5000K	4100lm	<b>£225.18</b>
KTDL50GL	50W	40°	3000K 4000K 5000K	4100lm	<b>£225.18</b>

**GLOBAL Trac**

Please refer to Page 178 - 182 for order information of GLOBAL Trac and accessories



Worklight



Cube

118



Beacon

121

# Cube

(10W)

Rechargeable portable LED work light

- Portable
- Li-ion battery, rechargeable
- Up to 10 hours operation
- Three light output levels
- Class III, IP65



**3** Years  
Standard Warranty



### General Specification

Voltage	100-240Vac 50-60Hz
CRI	>80
Life Time	40,000h
Ambient Temp	-10°C to 40°C
Housing	Diecast aluminum, ABS, PC
Protection	Class III, IP65

Order Code	Power	Battery	Battery Capacity	Beam Angle	CCT	Lumen	Trade Price
KPWLLS10Q165	10W	Li-Ion	4400mAh	120°	6000K	1100lm	£112.97

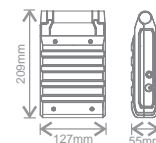
### Time for Continuous Usage

Order Code	Max Wattage	Full Light Output	30% Light Output
KPWLLS10Q165	10W	3.5 hours	10 hours

### Order Code

KPWLLS10Q165-W60

### Dimensions





**3** Years  
Standard Warranty



Folded



Iron Stand  
KPWL-STAND

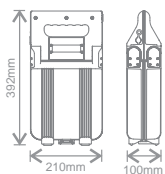
### General Specification

Voltage	100-240Vac 50-60Hz
CRI	>80
Life Time	40,000h
Ambient Temp	-10°C to 40°C
Housing	Diecast aluminum, ABS, PC
Protection	Class III, IP65

### Order Code

KPWLLS30Q165-W50

### Dimensions



# Cube

## (30W)

Rechargeable portable LED work light

- Portable
- Li-ion battery, rechargeable
- Up to 9 hours operation
- Three light output levels
- Optional telescopic metal stand
- Class III, IP65



Order Code	Power	Battery	Battery Capacity	Beam Angle	CCT	Lumen	Trade Price
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KPWLLS30Q165	30W	Li-Ion	8800mAh	105°	5000K	2300lm	<b>£174.96</b>
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### Time for Continuous Usage

Order Code	Max Wattage	Full Light Output	30% Light Output
KPWLLS30Q165	30W	2.5 hours	9 hours

# Cube

NEW Available August 2017

(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** Years Standard Warranty



Folded



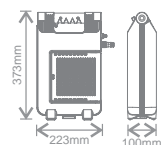
110V Plug

### General Specification

Voltage	100-240Vac 50-60Hz
CRI	82
Life Time	30,000h
Power Factor	0.97
Ambient Temp	0°C to 45°C
Housing	Diecast aluminium, ABS, PC
Protection	Class I, IP44

**Order Code**  
KPWL60Q44-W65

### Dimensions



Order Code	Power	Beam Angle	CCT	Lumen	Trade Price
KPWL60Q44	60W	120°	6500K	4800lm	<b>£242.74</b>

**3** Years  
Standard Warranty

**5** Years  
Extended Warranty

# Beacon

**NEW** Available  
August 2017

## 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
  - Three light output levels



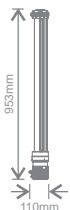
### General Specification

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
Protection	Class II, IP54

### Order Code

KPWL55L54-W65

### Dimensions



Order Code	Power	Beam Angle	CCT	Lumen	Trade Price
KPWL55L54	55W	120°	6500K	4800lm	£199.04

LED Lamp



DD 125



T8 129



Petal 131



Doughnut 132



R7s 133



GU10, G5.3 134



AR111/ES111 140



PAR38 141



PAR30 142



MR11 143



Filament 144



Antique Filament 147



Decor GLS 151



Decor Candle 154



Decor Golf 156



Decor G4, G9, GX53 157



Reon Classic Shape 159



Reon GU10 161



Reon R 162



Reon PAR 163

# LED DD New Members

## Dimmable

Wide dimmer compatibility

It has a flicker-free dimmable driver that dims smoothly with popular mains triac dimmer switches.

This product uses advanced control IC that auto-detects the dimmer and switches between leading edge and trailing edge mode accordingly.



## Motion sensor

with soft dimming corridor function

This product integrates a microwave sensor that outputs PWM signal that tunes the light level between 20% and 100% smoothly.



## Dusk to Dawn

That works behind opal diffuser

This new product has an integrated daylight sensor that only detects natural light by monitoring the IR and UV contents. It is the first "Dusk to Dawn" lamp on market that can be installed behind opal diffuser.

**3** Years  
Standard Warranty

**Emergency**  
Compatible with the  
emergency module



DD Emergency Module  
↳ P23

# Standard

Retrofit replacement for popular CFL DD lamps

- Save energy by up to 65%
- Compatible with Kosnic emergency module for instant conversion

## General Specification

Voltage 220-240Vac  
50-60Hz  
CRI >80  
Life Time 30,000h  
Ambient Temp -20°C to 40°C

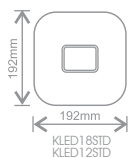
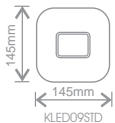
## Order Code

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



Order Code	Power	Cap	Beam Angle	CCT	Lumen	Trade Price
KLED09STD	12W	GR8 GR10q	120°	4000K	1050lm	<b>£29.80</b>
KLED12STD	12W	GR8 GR10q	120°	2700K 4000K 6500K	1220lm 1320lm 1320lm	<b>£39.13</b>
KLED18STD	18W	GR10q	120°	2700K 4000K 6500K	1780lm 1880lm 1880lm	<b>£48.44</b>

# Dimmable

New dimmable LED DD lamps

- Save energy by up to 65%
- Dimmable with mains triac dimmable switch
- Compatible with Kosnic emergency module for instant conversion



- 3 Years** Standard Warranty
- Emergency** Compatible with the emergency module
- Dimmable** Mains dimmable



DD Emergency Module  
↳ P23

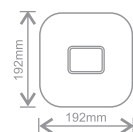
## General Specification

Voltage 220-240Vac  
50-60Hz  
CRI >80  
Life Time 30,000h  
Ambient Temp -20°C to 40°C

## Order Code

KLED12DIMD/4P-W40

## Dimensions



Order Code	Power	Cap	Beam Angle	CCT	Lumen	Trade Price
KLED12DIMD	12W	GR10q	120°	4000K	1240lm	<b>£41.29</b>



**3** Years  
Standard Warranty

**Emergency**  
Compatible with the  
emergency module

**Sensor**  
Microwave sensor



DD Emergency Module  
↳ P23

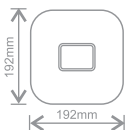
### General Specification

Voltage 220-240Vac  
50-60Hz  
CRI >80  
Life Time 30,000h  
Ambient Temp -20°C to 40°C

### Order Code

KLED12CRD/4P-W27  
KLED12CRD/4P-W40  
KLED12CRD/4P-W65  
KLED18CRD/4P-W40

### Dimensions



# Sensor

LED DD with integrated motion and light sensor

- Integrated microwave motion sensor with optional 10% dimming corridor function
  - Save energy by up to 65%
- Compatible with Kosnic emergency module for instant conversion



Order Code	Power	Cap	Beam Angle	CCT	Lumen	Trade Price
KLED12CRD	12W	GR10q	120°	2700K	1200lm	<b>£77.82</b>
				4000K	1300lm	
				6500K	1200lm	
KLED18CRD	18W	GR10q	120°	4000K	1800lm	<b>£88.32</b>

# Dusk to Dawn

LED DD with integrated daylight sensor

- 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



- 3 Years** Standard Warranty
- Emergency** Compatible with the emergency module
- Dusk to Dawn** Integrated Light Sensor



DD Emergency Module  
↳ P23

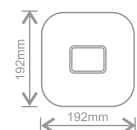
## General Specification

Voltage 220-240Vac  
50-60Hz  
CRI >80  
Life Time 30,000h  
Ambient Temp -20°C to 40°C

## Order Code

KLED12DTD/4P-W40

## Dimensions



Order Code	Power	Cap	Beam Angle	CCT	Lumen	Trade Price
KLED12DTD	12W	GR10q	120°	4000K	1240lm	£58.01

**3** Years  
Standard Warranty



10W 20W 25W



35W

### General Specification

Voltage 220-240Vac  
50-60Hz  
CRI >80  
Life Time 30,000h  
Ambient Temp -20°C to 40°C

### Order Code

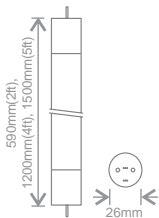
KHV10T8-FRO-W40  
KHV10T8-FRO-W65

KHV20T8-FRO-W40  
KHV20T8-FRO-W65

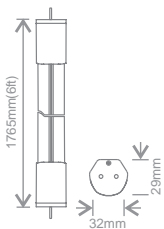
KHV25T8-FRO-W40  
KHV25T8-FRO-W65

KTC35T8-FRO-W40  
KTC35T8-FRO-W65

### Dimensions



KHV10T8  
KHV20T8  
KHV25T8



KTC35T8

# Dura

Polycarbonate LED T8 tube

- Shatter proof with polycarbonate tube and caps
- Save energy by up to 65%



Order Code	Power	Length	Cap	CCT	Lumen	Trade Price
KHV10T8-FRO	10W	2ft/590mm	G13	4000K 6500K	950lm 1000lm	<b>£19.24</b>
KHV20T8-FRO	20W	4ft/1200mm	G13	4000K 6500K	2020lm 2120lm	<b>£28.65</b>
KHV25T8-FRO	25W	5ft/1500mm	G13	4000K 6500K	2400lm 2500lm	<b>£35.61</b>
KTC35T8-FRO	35W	6ft/1765mm	G13	4000K 6500K	3700lm 3800lm	<b>£58.88</b>

# Pro

## Glass LED T8 tube

- High performance of 120lm/W
- Flicker free for 2ft and 4ft T8 tubes
- Save energy by up to 65%



**3** Years  
Standard Warranty

### General Specification

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

### Order Code

KPRO08T8-FRO-W40  
KPRO08T8-FRO-W65

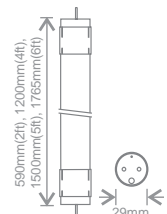
KPRO17T8-FRO-W40  
KPRO17T8-FRO-W65

KPRO25T8-FRO-W40  
KPRO25T8-FRO-W65

KPRO30T8-FRO-W40  
KPRO30T8-FRO-W65

Order Code	Power	Length	Cap	CCT	Lumen	Trade Price
KPRO08T8-FRO	8W	2ft/590mm	G13	4000K 6500K	1000lm	<b>£15.01</b>
KPRO17T8-FRO	17W	4ft/1200mm	G13	4000K 6500K	2000lm	<b>£18.91</b>
KPRO25T8-FRO	25W	5ft/1500mm	G13	4000K 6500K	3000lm	<b>£23.52</b>
KPRO30T8-FRO	30W	6ft/1765mm	G13	4000K 6500K	3600lm	<b>£32.71</b>

### Dimensions



**3** Years  
Standard Warranty

**Petal** NEW Available  
Sept. 2017

High power LED lamps

- High power up to 60W
- Replacement for HID lamps
- Ideal for industrial and retail applications
  - E27/E40
- Long life of 30,000hrs

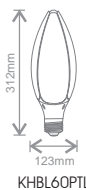
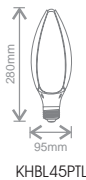
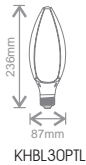
### General Specification

Voltage 100-265Vac  
50-60Hz  
CRI >80  
Life Time 25,000h  
Ambient Temp -20°C to 50°C

### Order Code

KHBL30PTL/E27-W50  
KHBL45PTL/E40-W50  
KHBL60PTL/E40-W50

### Dimensions



Order Code	Power	Cap	CCT	Lumen	Trade Price
KHBL30PTL	30W	E27	5000K	3000lm	£66.87
KHBL45PTL	45W	E40	5000K	5600lm	£101.45
KHBL60PTL	60W	E40	5000K	6600lm	£169.71

# Doughnut NEW Available July 2017

High Power LED lamps for vertical mounting

- High power up to 120W
- Replacement for HID lamps
- Ideal for use in high bay luminaires
  - E40
- Long life of 30,000hrs



**3** Years Standard Warranty

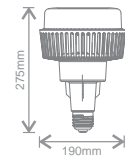
### General Specification

Voltage 100-240Vac  
50-60Hz  
CRI >80  
Life Time 25,000h  
Ambient Temp -20°C to 40°C

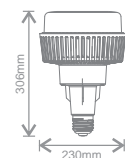
### Order Code

KHBL100DNT/E40-W50  
KHBL120DNT/E40-W50

### Dimensions



KHBL100DNT



KHBL120DNT

Order Code	Power	Cap	CCT	Lumen	Trade Price
KHBL100DNT	100W	E40	5000K	11100lm	<b>£147.13</b>
KHBL120DNT	120W	E40	5000K	12200lm	<b>£168.50</b>

**3** Years  
Standard Warranty

R7s **NEW** Available  
August 2017

## R7s linear LED lamp

- Save energy by up to 90%
- Replacement for linear halogen tungsten lamps
  - Long life of 20000hrs
  - 78mm & 118mm models

### General Specification

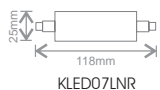
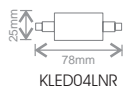
Voltage 220-240Vac  
50-60Hz  
CRI >80  
Life Time 30,000h  
Ambient Temp -20°C to 40°C



### Order Code

KLED04LNR/R7S-W65  
KLED07LNR/R7S-W65

### Dimensions



Order Code	Power	Cap	CCT	Lumen	Trade Price
KLED04LNR	4W	R7S	6500K	330lm	£10.85
KLED07LNR	7W	R7S	6500K	680lm	£17.05

Tec **NEW** Available July 2017

New Retrofit LED GU10 range with dim to warm option

- Uses special Dim 2 Warm technology that shifts from 3000-2000K
  - Save energy up to 85%
  - Great dimming compatibility
- Direct replacement of GU10 halogen lamp



**3** Years Standard Warranty

**Dimmable** Mains dimmable

**General Specification**

Voltage 220-240Vac  
50-60Hz  
CRI >80  
Life Time 30,000h  
Ambient Temp -20°C to 40°C

**Dim to Warm GU10**

Order Code	Power	Cap	Beam Angle	CCT	Lumen*	Trade Price
KTEC05DTW	5W	GU10	45°	3000-2000K	330lm(300lm)	<b>£9.21</b>

**Dimmable GU10**

Order Code	Power	Cap	Beam Angle	CCT	Lumen*	Trade Price
KTEC05DIM	5W	GU10	45°	4000K	450lm(400lm)	<b>£9.21</b>

**Non-Dimmable GU10**

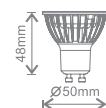
Order Code	Power	Cap	Beam Angle	CCT	Lumen*	Trade Price
KTEC05PWR	5W	GU10	45°	3000K	420lm(370lm)	<b>£5.10</b>
				4000K	450lm(400lm)	

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

**Order Code**

KTEC05DTW/GU10-S30  
KTEC05DIM/GU10-S40  
KTEC05PWR/GU10-S30  
KTEC05PWR/GU10-S40

**Dimensions**





**3** Years  
Standard Warranty

**Dimmable**  
Mains dimmable



5W, 7W  
Dimmable GU10



3.5W, 5W, 6W  
Non-Dimmable GU10



5W  
Non-Dimmable G5.3

### General Specification

Voltage 12Vac/dc (G5.3)  
220-240Vac  
50-60Hz (GU10)  
CRI >80  
Life Time 35,000h  
Ambient Temp -20°C to 40°C

### Order Code

KCOB06DTW/GU10-S30

KCOB05DIM/GU10-S27  
KCOB05DIM/GU10-S40  
KCOB05DIM/GU10-S65

KCOB07DIM/GU10-S27  
KCOB07DIM/GU10-S50

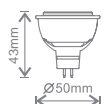
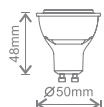
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KCOB3.5PWR/GU10-S40  
KCOB3.5PWR/GU10-S65

KCOB05PWR/GU10-S27  
KCOB05PWR/GU10-S40  
KCOB05PWR/GU10-S65

KCOB06PWR/GU10-S27  
KCOB06PWR/GU10-S50

KCOB05PWR/G5.3-S27  
KCOB05PWR/G5.3-S40  
KCOB05PWR/G5.3-S65

### Dimensions



# HaloLED

Retrofit GU10/G5.3 LED lamps with COB and Halo lens

- Uses special Dim 2 Warm COB that shifts from 3000-2000K
  - COB LED for the perfect halogen look
- Save energy up to 90% compared with halogen lamp
- Retrofit for direct replacement of GU10 halogen lamp



### Dim to Warm GU10

Available August 2017

Order Code	Power	Cap	Beam Angle	CCT	Lumen*	Trade Price
KCOB06DTW	6W	GU10	36°	3000-2000K	390lm(350lm)	£19.63

### Dimmable GU10

Order Code	Power	Cap	Beam Angle	CCT	Lumen*	Trade Price
KCOB05DIM	5W	GU10	36°	2700K	430lm(370lm)	£19.63
				4000K	500lm(440lm)	
				6500K	480lm(420lm)	
KCOB07DIM	7W	GU10	36°	2700K	470lm(410lm)	£29.06
				5000K	500lm(440lm)	

### Non-Dimmable GU10

Order Code	Power	Cap	Beam Angle	CCT	Lumen*	Trade Price
KCOB3.5PWR	3.5W	GU10	36°	2700K	310lm(285lm)	£11.55
				4000K	330lm(305lm)	
				6500K	330lm(305lm)	
KCOB05PWR	5W	GU10	36°	2700K	430lm(370lm)	£13.77
				4000K	500lm(440lm)	
				6500K	480lm(420lm)	
KCOB06PWR	6W	GU10	36°	2700K	485lm(425lm)	£19.43
				5000K	535lm(475lm)	

### Non-Dimmable G5.3

Order Code	Power	Cap	Beam Angle	CCT	Lumen*	Trade Price
KCOB05PWR	5W	G5.3	36°	2700K	320lm(290lm)	£16.00
				4000K	330lm(300lm)	
				6500K	340lm(310lm)	

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

## 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



**3** Years  
Standard Warranty

**Dimmable**  
Mains dimmable



4.5W, 6W  
Dimmable GU10 ■  
Non-Dimmable GU10 ■



7W  
Dimmable GU10 ■  
Non-Dimmable GU10 ■

### General Specification

Voltage	12Vac/dc (G5.3)
	220-240Vac 50-60Hz (GU10)
CRI	>80
Life Time	35,000h
Ambient Temp	-20°C to 40°C

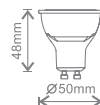
### Order Code

KPRO4.5DIM/GU10-S30  
KPRO4.5DIM/GU10-S40  
KPRO4.5DIM/GU10-S65

KPRO06DIM/GU10-S30  
KPRO06DIM/GU10-S40  
KPRO06DIM/GU10-S65

KPRO07DIM/GU10-S27  
KPRO07DIM/GU10-S50

### Dimensions



### Dimmable GU10

Order Code	Power	Cap	Beam Angle	CCT	Lumen*	Trade Price
KPRO4.5DIM	4.5W	GU10	45°	3000K	260lm(220lm)	<b>£14.08</b>
				4000K	280lm(240lm)	
				6500K	290lm(250lm)	
KPRO06DIM	6W	GU10	45°	3000K	370lm(290lm)	<b>£14.30</b>
				4000K	390lm(310lm)	
				6500K	400lm(320lm)	
KPRO07DIM	7W	GU10	38°	2700K	510lm(480lm)	<b>£24.66</b>
				5000K	560lm(530lm)	

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



4.5W, 6W  
Dimmable GU10 ■  
Non-Dimmable GU10 ■



7W  
Dimmable GU10 ■  
Non-Dimmable GU10 ■



3.5W  
Non-Dimmable GU10



4.5W, 6W  
Non-Dimmable G5.3

### Non-Dimmable GU10

Order Code	Power	Cap	Beam Angle	CCT	Lumen*	Trade Price
KPRO3.5PWR	3.5W	GU10	45°	3000K	250lm(200lm)	£7.80
				4000K	250lm(200lm)	
				6500K	260lm(210lm)	
KPRO4.5PWR	4.5W	GU10	45°	3000K	270lm(230lm)	£7.56
				4000K	290lm(250lm)	
				6500K	300lm(260lm)	
KPRO06PWR	6W	GU10	45°	3000K	400lm(320lm)	£8.84
				4000K	420lm(340lm)	
				6500K	430lm(350lm)	
KPRO07PWR	7W	GU10	38°	2700K	480lm(450lm)	£19.28
				5000K	530lm(500lm)	

### Non-Dimmable G5.3

Order Code	Power	Cap	Beam Angle	CCT	Lumen*	Trade Price
KPRO4.5PWR	4.5W	G5.3	45°	3000K	260lm(210lm)	£12.62
				4000K	280lm(230lm)	
				6500K	280lm(230lm)	
KPRO06PWR	6W	G5.3	45°	2700K	330lm(250lm)	£14.09
				4000K	350lm(270lm)	
				6500K	350lm(270lm)	

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

### Order Code

KPRO3.5PWR/GU10-S30  
KPRO3.5PWR/GU10-S40  
KPRO3.5PWR/GU10-S65

KPRO4.5PWR/GU10-S30  
KPRO4.5PWR/GU10-S40  
KPRO4.5PWR/GU10-S65

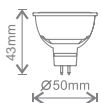
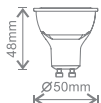
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KPRO06PWR/GU10-S40  
KPRO06PWR/GU10-S65

KPRO07PWR/GU10-S27  
KPRO07PWR/GU10-S50

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



# Hilux

High performance LED GU10/G5.3 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

Order Code	Power	Cap	Beam Angle	CCT	Lumen*	Trade Price
KSMD05DIM	5W	GU10	60°	3000K	450lm(290lm)	£13.49
				4000K		
				6500K		
KSMD06DIM	6W	GU10	60°	3000K	580lm(380lm)	£14.08
				4000K		
				6500K		

## Non-Dimmable GU10

Order Code	Power	Cap	Beam Angle	CCT	Lumen*	Trade Price
KSMD04PWR	4W	GU10	100°	3000K	410lm(350lm)	£8.09
				4000K		
				6500K		
KSMD05PWR	5W	GU10	60°	3000K	470lm(310lm)	£8.09
				4000K		
				6500K		
KSMD06PWR	6W	GU10	60°	3000K	600lm(400lm)	£8.84
				4000K		
				6500K		

## Non-Dimmable G5.3

Order Code	Power	Cap	Beam Angle	CCT	Lumen*	Trade Price
KSMD05PWR	5W	G5.3	60°	3000K	417lm(230lm)	£12.61
				4000K	417lm(240lm)	
				6500K	417lm(260lm)	

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

**3** Years  
Standard Warranty

**Dimmable**  
Mains dimmable



5W, 6W  
Dimmable GU10



4W, 5W, 6W  
Non-Dimmable GU10



5W  
Non-Dimmable G5.3

## General Specification

Voltage 12Vac/dc (G5.3)  
220-240Vac (GU10)  
50-60Hz (GU10)  
CRI >80  
Life Time 30,000h Ambient  
Temp -20°C to 40°C

## Order Code

KSMD05DIM/GU10-F30  
KSMD05DIM/GU10-F40  
KSMD05DIM/GU10-F65

KSMD06DIM/GU10-F30  
KSMD06DIM/GU10-F40  
KSMD06DIM/GU10-F65

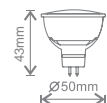
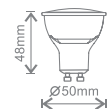
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KSMD04PWR/GU10-W40  
KSMD04PWR/GU10-W65

KSMD05PWR/GU10-F30  
KSMD05PWR/GU10-F40  
KSMD05PWR/GU10-F65

KSMD06PWR/GU10-F30  
KSMD06PWR/GU10-F40  
KSMD06PWR/GU10-F65

KSMD05PWR/G5.3-F30  
KSMD05PWR/G5.3-F40  
KSMD05PWR/G5.3-F65

## 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

# AR111/ES111

**NEW** Available July 2017

Replacement of halogen AR111 spotlight

- Narrow beam angle of 30°
- G53 version requires 12V LED constant voltage driver
- Save energy up to 85% compared with halogen lamp
  - Negligible UV output

**3** Years Standard Warranty



▲ G53 (AR111)



▲ GU10 (ES111)

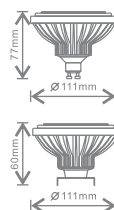
### General Specification

Voltage	12Vdc (G53)
	220-240Vac (GU10)
	50-60Hz (GU10)
CRI	>80
Life Time	30,000h
Ambient Temp	-20°C to 40°C

### Order Code

KDPL12AR111/GU10-S30  
 KDPL12AR111/GU10-S65  
 KDPL12AR111/G53-S30  
 KDPL12AR111/G53-S65

### Dimensions



Order Code	Power	Cap	Beam Angle	CCT	Lumen*	Trade Price
KDPL12AR111	12W	GU10	25°	3000K 6500K	880lm(740lm) 950lm(810lm)	<b>£62.56</b>
KDPL12AR111	12W	G53	25°	3000K 6500K	800lm(660lm) 870lm(730lm)	<b>£46.94</b>

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

**3** Years  
Standard Warranty

# PAR38

Retro-fit replacement of halogen PAR38 spotlight

- Narrow beam angle of 30°
- Save energy up to 85% compared with halogen lamp
- Negligible UV output

## General Specification

Voltage 220-240Vac  
50-60Hz  
CRI >80  
Life Time 30,000h  
Ambient Temp -20°C to 40°C



## Order Code

KTC15P38/E27-S30  
KTC15P38/E27-S65

## Dimensions



Order Code	Power	Cap	Beam Angle	CCT	Lumen*	Trade Price
KTC15P38	15W	E27	30°	3000K 6500K	1050lm(920lm) 1120lm(990lm)	£49.14

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

# PAR30

Retro-fit replacement of halogen PAR30 spotlight

- Narrow beam angle of 30°
- Save energy up to 85% compared with halogen lamp
- Negligible UV output



**3** Years  
Standard Warranty

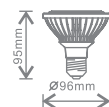
## General Specification

Voltage 220-240Vac  
50-60Hz  
CRI >80  
Life Time 30,000h  
Ambient Temp -20°C to 40°C

## Order Code

KTC10P30/E27-S30  
KTC10P30/E27-S65

## Dimensions



Order Code	Power	Cap	Beam Angle	CCT	Lumen*	Trade Price
KTC10P30	10W	E27	30°	3000K 6500K	720lm(590lm) 790lm(660lm)	<b>£39.49</b>

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



**3** Years  
Standard Warranty

# 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

## General Specification

Voltage	12Vdc
CRI	>80
Life Time	30,000h
Ambient Temp	-20°C to 40°C



## Order Code

KTC02MR11/GU4-S30  
KTC02MR11/GU4-S65  
KTC04MR11/GU4-S30  
KTC04MR11/GU4-S40  
KTC04MR11/GU4-S65

## Dimensions



Order Code	Power	Cap	Beam Angle	CCT	Lumen*	Trade Price
KTC02MR11	2W	GU4	38°	3000K	110lm(100lm)	£11.59
				6500K	115lm(105lm)	
KTC04MR11	4W	GU4	38°	3000K	230lm(220lm)	£12.42
				4000K	230lm(220lm)	
				6500K	240lm(230lm)	

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

# 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



## Clear Candle

Order Code	Power	Cap	Finish	CCT	Lumen	Trade Price
KFLM02CND-CLR	2W	E14 / B22 / E27	Clear	2700K	240lm	<b>£5.08</b>
KFLM04CND-CLR	4W	E14 / B22 / E27	Clear	2700K	440lm	<b>£6.73</b>

## Clear Bent-tip Candle

Order Code	Power	Cap	Finish	CCT	Lumen	Trade Price
KFLM02BTP-CLR	2W	E14 / B22 / E27	Clear	2700K	190lm	<b>£5.49</b>
KFLM04BTP-CLR	4W	E14 / B22 / E27	Clear	2700K	380lm	<b>£6.73</b>

## Clear Twisted Candle

Order Code	Power	Cap	Finish	CCT	Lumen	Trade Price
KFLM02TWT-CLR	2W	E14 / B22 / E27	Clear	2700K	190lm	<b>£5.49</b>
KFLM04TWT-CLR	4W	E14 / B22 / E27	Clear	2700K	380lm	<b>£6.73</b>

## Frosted Candle

Order Code	Power	Cap	Finish	CCT	Lumen	Trade Price
KFLM02CND-FRS	2W	E14 / B22 / E27	Frosted	2700K	180lm	<b>£5.08</b>
KFLM04CND-FRS	4W	E14 / B22 / E27	Frosted	2700K	380lm	<b>£6.73</b>

**2** Years  
Standard Warranty



2W, 4W  
Clear  
Candle

2W, 4W  
Clear  
Bent-tip  
Candle



2W, 4W  
Clear  
Twisted  
Candle



2W, 4W  
Frosted  
Candle

## General Specification

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

## Order Code

KFLM02CND/E14-CLR-N27  
KFLM02CND/B22-CLR-N27  
KFLM02CND/E27-CLR-N27

KFLM04CND/E14-CLR-N27  
KFLM04CND/B22-CLR-N27  
KFLM04CND/E27-CLR-N27

KFLM02BTP/E14-CLR-N27  
KFLM02BTP/B22-CLR-N27  
KFLM02BTP/E27-CLR-N27

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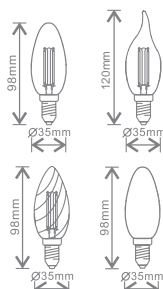
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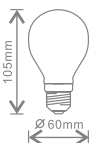
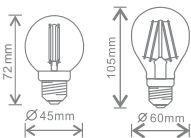
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KFLM02CND/E27-FRS-N27

KFLM04CND/E14-FRS-N27  
KFLM04CND/B22-FRS-N27  
KFLM04CND/E27-FRS-N27

## Dimensions



**2** Years  
Standard Warranty **Dimmable**  
Mains dimmable2W, 4W  
Clear Golf 4.5W, 7W  
Clear GLS4.5W, 7W  
Frosted GLS**General Specification**Voltage 220-240Vac  
50-60Hz  
CRI > 80  
Life Time 20,000h  
Ambient Temp -20°C to 40°C**Order Code**KFLM02GLF/E14-CLR-N27  
KFLM02GLF/B22-CLR-N27  
KFLM02GLF/E27-CLR-N27KFLM04GLF/E14-CLR-N27  
KFLM04GLF/B22-CLR-N27  
KFLM04GLF/E27-CLR-N27KDFL4.5GLS/B22-CLR-N27  
KDFL4.5GLS/E27-CLR-N27KDFL07GLS/B22-CLR-N27  
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KFLM4.5GLS/E27-CLR-N27KFLM07GLS/B22-CLR-N27  
KFLM07GLS/E27-CLR-N27KFLM4.5GLS/B22-FRS-N27  
KFLM4.5GLS/E27-FRS-N27KFLM07GLS/B22-FRS-N27  
KFLM07GLS/E27-FRS-N27**Dimensions**

# 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

**Clear Golf**

Order Code	Power	Cap	Finish	CCT	Lumen	Trade Price
KFLM02GLF-CLR	2W	E14 / B22 / E27	Clear	2700K	190lm	£5.11
KFLM04GLF-CLR	4W	E14 / B22 / E27	Clear	2700K	380lm	£6.76

**Dimmable Clear GLS** Available Sept. 2017

Order Code	Power	Cap	Finish	CCT	Lumen	Trade Price
KDFL4.5GLS-CLR	4.5W	B22 / E27	Clear	2700K	470lm	£13.40
KDFL07GLS-CLR	7W	B22 / E27	Clear	2700K	730lm	£15.87

**Clear GLS**

Order Code	Power	Cap	Finish	CCT	Lumen	Trade Price
KFLM4.5GLS-CLR	4.5W	B22 / E27	Clear	2700K	490lm	£6.82
KFLM07GLS-CLR	7W	B22 / E27	Clear	2700K	660lm	£9.30

**Frosted GLS**

Order Code	Power	Cap	Finish	CCT	Lumen	Trade Price
KFLM4.5GLS-FRS	4.5W	B22 / E27	Frosted	2700K	480lm	£6.82
KFLM07GLS-FRS	7W	B22 / E27	Frosted	2700K	700lm	£9.30

# 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



- 2** Years  
Standard Warranty
- Dimmable**  
Mains dimmable

## General Specification

Voltage	220-240Vac 50-60Hz
CRI	>80
Life Time	20,000h
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

## Clear Globe

Order Code	Power	Cap	Finish	CCT	Lumen	Trade Price
KFLM4.5GLB-CLR	4.5W	B22 / E27	Clear	2700K	470lm	<b>£8.03</b>

## Dimmable Clear Globe

**Available Sept. 2017**

Order Code	Power	Cap	Finish	CCT	Lumen	Trade Price
KDFL4.5GLB-CLR	4.5W	B22 / E27	Clear	2700K	470lm	<b>£14.60</b>

## Dimensions



**2** Years  
Standard Warranty

**Dimmable**  
Mains dimmable



2W, 4W  
Coated  
Candle

2W, 4W  
Coated  
Bent-tip  
Candle



4W  
Coated  
Twisted  
Candle

### General Specification

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

### Product Code

KFLM02CND/E14-GLD-N27  
KFLM02CND/B22-GLD-N27  
KFLM02CND/E27-GLD-N27

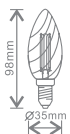
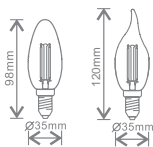
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KFLM04CND/E27-GLD-N27

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KFLM02BTP/B22-GLD-N27  
KFLM02BTP/E27-GLD-N27

KFLM04BTP/E14-GLD-N27  
KFLM04BTP/B22-GLD-N27  
KFLM04BTP/E27-GLD-N27

KFLM04TWT/E14-GLD-N27  
KFLM04TWT/B22-GLD-N27  
KFLM04TWT/E27-GLD-N27

### Dimensions



# 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



### Coated Candle

Order Code	Power	Cap	Finish	CCT	Lumen	Trade Price
KFLM02CND-GLD	2W	E14 / B22 / E27	Coated	2700K	170lm	£6.32
KFLM04CND-GLD	4W	E14 / B22 / E27	Coated	2700K	340lm	£7.55

### Coated Bent-tip Candle

Order Code	Power	Cap	Finish	CCT	Lumen	Trade Price
KFLM02BTP-GLD	2W	E14 / B22 / E27	Coated	2700K	170lm	£6.32
KFLM04BTP-GLD	4W	E14 / B22 / E27	Coated	2700K	340lm	£7.55

### Coated Twisted Candle

Order Code	Power	Cap	Finish	CCT	Lumen	Trade Price
KFLM04TWT-GLD	4W	E14 / B22 / E27	Coated	2700K	300lm	£7.55

# GLS

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** Years  
Standard Warranty

**Dimmable**  
Mains dimmable

## General Specification

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

## Order Code

KFLM04GLS/B22-GLD-N27  
KFLM04GLS/E27-GLD-N27

KDFL04GLS/B22-GLD-N27  
KDFL04GLS/E27-GLD-N27

## Coated GLS

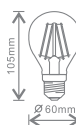
Order Code	Power	Cap	Finish	CCT	Lumen	Trade Price
KFLM04GLS-GLD	4W	B22 / E27	Coated	2700K	380lm	<b>£7.64</b>

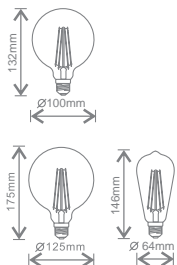
## Dimmable Coated GLS

Available Sept. 2017

Order Code	Power	Cap	Finish	CCT	Lumen	Trade Price
KDFL04GLS-GLD	4W	B22 / E27	Coated	2700K	380lm	<b>£14.22</b>

## Dimensions



**2** Years  
Standard Warranty**Dimmable**  
Mains dimmable4W  
Coated Globe(100)4W  
Coated Globe(125)2W, 4W  
Coated ST64**General Specification**Voltage 220-240Vac  
50-60Hz  
CRI >80  
Life Time 20,000h  
Ambient Temp -20°C to 40°C**Product Code**KFLM04G100/B22-GLD-N27  
KDFL04G100/E27-GLD-N27KDFL04G100/B22-GLD-N27  
KDFL04G100/E27-GLD-N27KFLM04G125/B22-GLD-N27  
KFLM04G125/E27-GLD-N27KDFL04G125/B22-GLD-N27  
KDFL04G125/E27-GLD-N27KFLM02ST64/B22-GLD-N27  
KFLM02ST64/E27-GLD-N27KFLM04ST64/B22-GLD-N27  
KFLM04ST64/E27-GLD-N27KDFL04ST64/B22-GLD-N27  
KDFL04ST64/E27-GLD-N27**Dimensions**

# 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

**Coated Globe(100)**

Order Code	Power	Cap	Finish	CCT	Lumen	Trade Price
KFLM04G100-GLD	4W	B22 / E27	Coated	2700K	380lm	£11.79
KFLM04G125-GLD	4W	B22 / E27	Coated	2700K	400lm	£12.72

**Dimmable Coated Globe(100)**

Available Sept. 2017

Order Code	Power	Cap	Finish	CCT	Lumen	Trade Price
KDFL04G100-GLD	4W	B22 / E27	Coated	2700K	380lm	£18.37
KDFL04G125-GLD	4W	B22 / E27	Coated	2700K	400lm	£19.29

**Coated ST64**

Order Code	Power	Cap	Finish	CCT	Lumen	Trade Price
KFLM02ST64-GLD	2W	B22 / E27	Coated	2700K	200lm	£8.65
KFLM04ST64-GLD	4W	B22 / E27	Coated	2700K	400lm	£10.30

**Dimmable Coated ST64**

Available Sept. 2017

Order Code	Power	Cap	Finish	CCT	Lumen	Trade Price
KDFL04ST64-GLD	4W	B22 / E27	Coated	2700K	380lm	£16.88



# Bluetooth Music LED bulb



## RGB Colour Changing

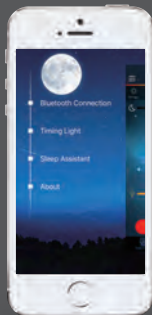
Premium RGB LEDs driven by advanced LED control IC, achieving smooth seamless colour changes. It also allows colour changes in response to the rhythm of the music.

## Sound Distribution Cone

The sound distribution cone has a unique curve design that amplifies and distributes sound to the surrounding space with minimum distortion.

## Premium Speaker

Uses premium speaker module with high quality components and professionally designed cavity resonator.



Programmable sleep assisting mode with alarm function



Colour wheel for "infinite" colour selection



Play music from sound tracks on your phone



Shake, shake to change the light colour



**3** Years  
Standard Warranty

# Music LED Lamp

**NEW** Available  
July 2017

Bluetooth LED lamp with integrated speaker

- Speaker lamp with white light CCT setting and colour changing function
  - Easy Bluetooth connection for iOS or Android app control
    - High quality integrated speaker
    - Music and light synchronisation
    - Sleep and timer functions
- Save energy up to 85% compared with a halogen lamp (lamp mode only)

## General Specification

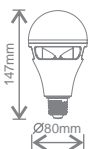
Voltage 220-240Vac  
50-60Hz  
CRI >80  
Life Time 20,000h  
Ambient Temp -20°C to 40°C



## Order Code

KLED10MUS/E27

## Dimensions



Order Code	Power	Cap	CCT	Lumen	Trade Price
KLED10MUS	4.5W (White LED only) 10W max (LED with speaker)	E27	5000K (Default) 2000K to 5000K (App)	340lm	£80.32

# 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



**3** Years  
Standard Warranty

**Dimmable**  
Mains dimmable

### General Specification

Voltage 220-240Vac  
50-60Hz  
CRI >80  
Life Time 30,000h  
Ambient Temp -20°C to 40°C

### Order Code

KDTW10GLS/B22-N27  
KDTW10GLS/E27-N27  
  
KDIM08GLS/B22-N30  
KDIM08GLS/B22-N40  
KDIM08GLS/B22-N65  
KDIM08GLS/E27-N30  
KDIM08GLS/E27-N40  
KDIM08GLS/E27-N65

KDIM10GLS/B22-N40  
KDIM10GLS/B22-N65  
KDIM10GLS/E27-N40  
KDIM10GLS/E27-N65

KDIM12GLS/B22-N30  
KDIM12GLS/B22-N40  
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KDIM12GLS/E27-N40  
KDIM12GLS/E27-N65

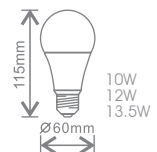
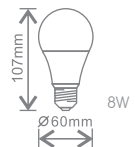
### Dim to Warm

Order Code	Power	Cap	CCT	Lumen	Trade Price
KDTW10GLS	10W	B22 E27	2700-2000K	920lm	<b>£16.93</b>

### Dimmable

Order Code	Power	Cap	CCT	Lumen	Trade Price
KDIM08GLS	8W	B22 E27	3000K 4000K 6500K	760lm 790lm 790lm	<b>£20.36</b>
KDIM10GLS	10W	B22 E27	4000K 6500K	880lm 920lm 920lm	<b>£20.96</b>
KDIM12GLS	12W	B22 E27	3000K 4000K 6500K	1050lm 1150lm 1150lm	<b>£20.51</b>

### Dimensions



## Non-Dimmable

Order Code	Power	Cap	CCT	Lumen	Trade Price
KTC08GLS	8W	B22 E27	3000K	820lm	<b>£10.80</b>
			4000K	850lm	
			6500K	850lm	
KTC10GLS	10W	B22 E27	3000K	960lm	<b>£11.05</b>
			4000K	1000lm	
			6500K	1000lm	
KTC12GLS	12W	B22 E27	3000K	1100lm	<b>£14.33</b>
			4000K	1200lm	
			6500K	1200lm	
KTC13.5GLS	13.5W	B22 E27	3000K	1550lm	<b>£20.36</b>
			4000K	1650lm	
			6500K	1650lm	

## Order Code

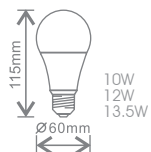
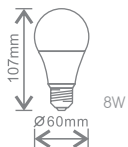
KTC08GLS/B22-N30  
KTC08GLS/B22-N40  
KTC08GLS/B22-N65  
KTC08GLS/E27-N30  
KTC08GLS/E27-N40  
KTC08GLS/E27-N65

KTC10GLS/B22-N30  
KTC10GLS/B22-N40  
KTC10GLS/B22-N65  
KTC10GLS/E27-N30  
KTC10GLS/E27-N40  
KTC10GLS/E27-N65

KTC12GLS/B22-N30  
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KTC12GLS/B22-N65  
KTC12GLS/E27-N30  
KTC12GLS/E27-N40  
KTC12GLS/E27-N65

KTC13.5GLS/B22-N30  
KTC13.5GLS/B22-N40  
KTC13.5GLS/B22-N65  
KTC13.5GLS/E27-N30  
KTC13.5GLS/E27-N40  
KTC13.5GLS/E27-N65

## Dimensions



# Candle

Premium decorative LED candle

- Metallic finish to compliment chandeliers and decorative schemes
  - Popular B22, E14 and E27 caps
- Save energy up to 85% compared with an incandescent candle



**3** Years  
Standard Warranty

**Dimmable**  
Mains dimmable



Silver  
Standard  
Candle



Brass  
Standard  
Candle



Bronze  
Standard  
Candle

## General Specification

Voltage	220-240Vac 50-60Hz
CRI	>80
Life Time	30,000h
Ambient Temp	-20°C to 40°C

## Order Code

KDIM04CND/B22-SLV-N27  
KDIM04CND/E14-SLV-N27  
KDIM04CND/E27-SLV-N27

KDIM5.5CND/B15-SLV-N27  
KDIM5.5CND/B15-BAS-N27  
KDIM5.5CND/B15-BOZ-N27  
KDIM5.5CND/B22-SLV-N27  
KDIM5.5CND/E14-SLV-N27  
KDIM5.5CND/E14-BAS-N27  
KDIM5.5CND/E14-BOZ-N27  
KDIM5.5CND/E27-SLV-N27

KTC04CND/B22-SLV-N27  
KTC04CND/E14-SLV-N27  
KTC04CND/E27-SLV-N27

KTC5.5CND/B15-SLV-N27  
KTC5.5CND/B15-BAS-N27  
KTC5.5CND/B15-BOZ-N27  
KTC5.5CND/B22-SLV-N27  
KTC5.5CND/E14-SLV-N27  
KTC5.5CND/E14-BAS-N27  
KTC5.5CND/E14-BOZ-N27  
KTC5.5CND/E27-SLV-N27

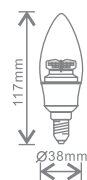
## Dimmable Standard Candle

Order Code	Power	Cap	Finish	CCT	Lumen	Trade Price
KDIM04CND	4W	B22 E14 E27	Silver	2700K	300lm	<b>£30.00</b>
KDIM5.5CND	5.5W	B15 B22 E14 E27	Silver Brass Bronze	2700K	360lm	<b>£31.64</b>

## Non-Dimmable Standard Candle

Order Code	Power	Cap	Finish	CCT	Lumen	Trade Price
KTC04CND	4W	B22 E14 E27	Silver	2700K	300lm	<b>£21.73</b>
KTC5.5CND	5.5W	B15 B22 E14 E27	Silver Brass Bronze	2700K	360lm	<b>£24.20</b>

## Dimensions



Silver  
Bent-tip  
CandleBrass  
Bent-tip  
CandleBronze  
Bent-tip  
CandleSilver  
Twisted  
CandleBrass  
Twisted  
CandleBronze  
Twisted  
Candle

### Order Code

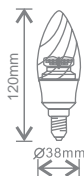
KDIM5.5BTP/E14-SLV-N27  
 KDIM5.5BTP/E14-BAS-N27  
 KDIM5.5BTP/E14-BOZ-N27

KTC5.5BTP/E14-SLV-N27  
 KTC5.5BTP/E14-BAS-N27  
 KTC5.5BTP/E14-BOZ-N27

KDIM5.5TWT/E14-SLV-N27  
 KDIM5.5TWT/E14-BAS-N27  
 KDIM5.5TWT/E14-BOZ-N27

KTC5.5TWT/E14-SLV-N27  
 KTC5.5TWT/E14-BAS-N27  
 KTC5.5TWT/E14-BOZ-N27

### Dimensions



### Dimmable Bent-tip Candle

Order Code	Power	Cap	Finish	CCT	Lumen	Trade Price
KDIM5.5BTP	5.5W	E14	Silver Brass Bronze	2700K	360lm	<b>£31.65</b>

### Non-Dimmable Bent-tip Candle

Order Code	Power	Cap	Finish	CCT	Lumen	Trade Price
KTC5.5BTP	5.5W	E14	Silver Brass Bronze	2700K	360lm	<b>£24.21</b>

### Dimmable Twisted Candle

Order Code	Power	Cap	Finish	CCT	Lumen	Trade Price
KDIM5.5TWT	5.5W	E14	Silver Brass Bronze	2700K	360lm	<b>£31.64</b>

### Non-Dimmable Twisted Candle

Order Code	Power	Cap	Finish	CCT	Lumen	Trade Price
KTC5.5TWT	5.5W	E14	Silver Brass Bronze	2700K	360lm	<b>£24.20</b>

# Golf

Premium decorative LED golf

- Metallic finish to compliment chandeliers and decorative schemes
  - Popular B22, E14 and E27 caps
- Save energy up to 85% compared with an incandescent golf



**3** Years  
Standard Warranty

**Dimmable**  
Mains dimmable

## General Specification

Voltage 220-240Vac  
50-60Hz  
CRI >80  
Life Time 30,000h  
Ambient Temp -20°C to 40°C

### Dimmable

Order Code	Power	Cap	Finish	CCT	Lumen	Trade Price
KDIM5.5GLF	5.5W	B22 E14 E27	Silver	2700K	360lm	<b>£31.64</b>

### Non-Dimmable

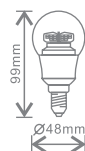
Order Code	Power	Cap	Finish	CCT	Lumen	Trade Price
KTC5.5GLF	5.5W	B22 E14 E27	Silver	2700K	360lm	<b>£23.38</b>

### Order Code

KDIM5.5GLF/E14-SLV-N27  
KDIM5.5GLF/B22-SLV-N27  
KDIM5.5GLF/E27-SLV-N27

KTC5.5GLF/E14-SLV-N27  
KTC5.5GLF/B22-SLV-N27  
KTC5.5GLF/E27-SLV-N27

### Dimensions



**3** Years  
Standard Warranty

# G4, G9, GX53

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 30,000hrs



1.2W G4 1.5W G4

## General Specification

Voltage 12Vac/dc  
(G4)  
220-240Vac  
50-60Hz  
(G9, GX53)  
CRI >80  
Life Time 30,000h  
Ambient Temp -20°C to 40°C

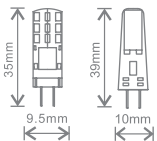


## Order Code

KLED1.2CPL/G4-N30

KLED1.5CPL/G4-N30

## Dimensions



## G4

Order Code	Power	Cap	CCT	Lumen	Trade Price
KLED1.2CPL	1.2W	G4	3000K	80lm	£8.00
KLED1.5CPL	1.5W	G4	3000K	140lm	£13.73

**Non-Dimmable G9**

Order Code	Power	Cap	CCT	Lumen	Trade Price
KLED2.5CPL	2.5W	G9	3000K 6500K	220lm 230lm	<b>£8.28</b>
KLED3.5CPL	3.5W	G9	3000K 6500K	310lm 320lm	<b>£11.95</b>

**GX53**

Order Code	Power	Cap	Beam Angle	CCT	Lumen	Trade Price
KLED03DSK	3W	GX53	/	3000K 6500K	240lm 280lm	<b>£12.11</b>
KLED05DSK	5W	GX53	100°	3000K 6500K	500lm(410lm)* 540lm(450lm)*	<b>£14.00</b>
KLED07DSK	7W	GX53	100°	3000K 6500K	650lm(540lm)* 690lm(570lm)*	<b>£15.37</b>

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



**Order Code**

KLED2.5CPL/G9-N30  
KLED2.5CPL/G9-N65

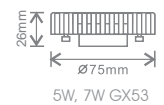
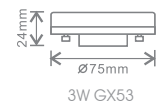
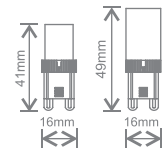
KLED3.5CPL/G9-N30  
KLED3.5CPL/G9-N65

KLED03DSK/GX53-W30  
KLED03DSK/GX53-W65

KLED05DSK/GX53-W30  
KLED05DSK/GX53-W65

KLED07DSK/GX53-W30  
KLED07DSK/GX53-W65

**Dimensions**





**2** Years  
Standard Warranty

**Dimmable**  
Mains dimmable



Candle

### General Specification

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

### Order Code

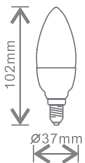
RDCND05B22-30-N  
RDCND05E14-30-N  
RDCND05E27-30-N

RLCND04B22-30-N  
RLCND04E14-30-N  
RLCND04E27-30-N

RLCND05B15-30-N  
RLCND05B22-30-N  
RLCND05E14-30-N  
RLCND05E27-30-N  
RLCND05B22-40-N  
RLCND05E14-40-N  
RLCND05E27-40-N  
RLCND05E27-65-N  
RLCND05E14-65-N  
RLCND05E27-65-N

RLCND06B22-30-N  
RLCND06E14-30-N  
RLCND06E27-30-N

### Dimensions



# Classic Shape

Classic shaped LED lamps, 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 20,000hrs



### Dimmable Candle

Order Code	Power	Cap	CCT	Lumen	Trade Price
RDCND05	5W	B22 E14 E27	3000K	400lm	<b>£6.86</b>

### Non-Dimmable Candle

Order Code	Power	Cap	CCT	Lumen	Trade Price
RLCND04	4W	B22 E14 E27	3000K	320lm	<b>£4.63</b>
RLCND05	5W	B15 B22 E14 E27	3000K 4000K 6500K	400lm	<b>£4.64</b>
RLCND06	6W	B22 E14 E27	3000K	490lm	<b>£5.00</b>

**Golf**

Order Code	Power	Cap	CCT	Lumen	Trade Price
RLGLF04	4W	E14 B22 E27	3000K	320lm	<b>£4.66</b>
RLGLF05	5W	E14 B22 E27	3000K 6500K	400lm 440lm	<b>£5.03</b>

**GLS**

Order Code	Power	Cap	CCT	Lumen	Trade Price
RLGLS05	5W	B22 E27	3000K	420lm	<b>£5.89</b>
RLGLS07	7W	B22 E27	3000K	600lm	<b>£5.94</b>
RLGLS09	9W	B22 E27	3000K 4000K 6500K	850lm 940lm 940lm	<b>£6.69</b>
RLGLS11	11W	B22 E27	3000K	1140lm	<b>£7.07</b>

**Globe**

Order Code	Power	Cap	CCT	Lumen	Trade Price
RLGLB11	11W	B22 E27	3000K	1000lm	<b>£11.05</b>

**Colour Golf**

Order Code	Power	Cap	Colour	Trade Price
KLED01GLF	1W	B22 E27	Blue	<b>£7.48</b>
			Green	<b>£7.75</b>
			Red	<b>£7.02</b>
			White	<b>£7.94</b>
			Yellow	<b>£7.02</b>



**Order Code**

RLGLF04B22-30-N  
RLGLF04E14-30-N  
RLGLF04E27-30-N

RLGLF05B22-30-N  
RLGLF05E14-30-N  
RLGLF05E27-30-N  
RLGLF05B22-65-N  
RLGLF05E14-65-N  
RLGLF05E27-65-N

RLGLS05B22-30-N  
RLGLS05E27-30-N

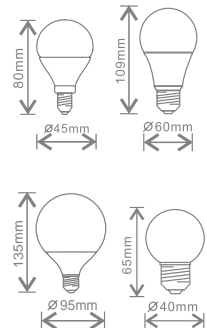
RLGLS07B22-30-N  
RLGLS07E27-30-N

RLGLS09B22-30-N  
RLGLS09E27-30-N  
RLGLS09B22-40-N  
RLGLS09E27-40-N  
RLGLS09B22-65-N  
RLGLS09E27-65-N

RLGLS11B22-30-N  
RLGLS11E27-30-N  
RLGLB11B22-30-N  
RLGLB11E27-30-N

KLED01GLF/B22-BL  
KLED01GLF/E27-BL  
KLED01GLF/B22-GR  
KLED01GLF/E27-GR  
KLED01GLF/B22-RE  
KLED01GLF/E27-RE  
KLED01GLF/B22-W  
KLED01GLF/E27-W  
KLED01GLF/B22-YL  
KLED01GLF/E27-YL

**Dimensions**



**2** Years  
Standard Warranty

**Dimmable**  
Mains dimmable

# GU10

Retrofit LED GU10 lamps

- Save energy by up to 90%
- Replacement for halogen GU10 lamps
  - Dimmable options
  - Long life of 20,000hrs



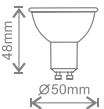
## General Specification

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

## Order Code

RDCOB05GU10-27-F  
RLCOB04GU10-30-F  
RLCOB04GU10-65-F

## Dimensions



## Dimmable GU10

Order Code	Power	Cap	Beam Angle	CCT	Lumen*	Trade Price
RDCOB05	5W	GU10	70°	2700K	360lm(280lm)	£7.23

## Non-Dimmable GU10

Order Code	Power	Cap	Beam Angle	CCT	Lumen*	Trade Price
RLCOB04	4W	GU10	60°	3000K 6500K	310lm(260lm) 320lm(270lm)	£4.85

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

# Reflectors

Retrofit LED reflector lamps

- Save energy by up to 90%
- Replacement for incandescent R50, R63, R80
- Long life of 20,000hrs



## R50

Order Code	Power	Cap	CCT	Lumen	Trade Price
RLR5005	5W	E14	2700K	360lm	£5.76

## R63

Order Code	Power	Cap	CCT	Lumen	Trade Price
RLR6307	7W	E27	2700K	560lm	£7.76

## R80

Order Code	Power	Cap	CCT	Lumen	Trade Price
RLR8009	9W	E27	2700K	800lm	£9.50

**2** Years  
Standard Warranty

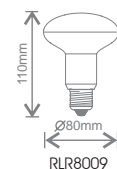
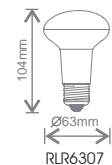
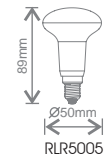
### General Specification

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

### Order Code

RLR5005E14-27-W  
RLR6307E27-27-W  
RLR8009E27-27-W

### Dimensions



**2** Years  
Standard Warranty

**PAR** **NEW** Available  
Now

## Retrofit LED PAR lamps

- Save energy by up to 90%
- Replacement for incandescent R50, R63, R80
  - Long life of 20,000hrs
  - Negligible UV output

### General Specification

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

### Order Code

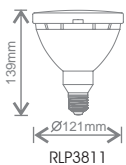
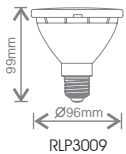
RLP2007B22-30-F  
RLP2007E27-30-F

RLP3009B22-30-S  
RLP3009E27-30-S

RLP3811B22-30-F  
RLP3811E27-30-F



### Dimensions



### PAR20

Order Code	Power	Cap	Beam Angle	CCT	Lumen*	Trade Price
RLP2007	7W	B22 E27	50°	3000K	500lm(430lm)	£7.73

### PAR30

Order Code	Power	Cap	Beam Angle	CCT	Lumen*	Trade Price
RLP3009	9W	B22 E27	38°	3000K	800lm(710lm)	£11.47

### PAR38

Order Code	Power	Cap	Beam Angle	CCT	Lumen*	Trade Price
RLP3811	11W	B22 E27	50°	3000K	900lm(810lm)	£14.09

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

CFL Lamp



Spiral

166



DD, T5C

167



S, D, T, L/E

168



T5, T8

170

# 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



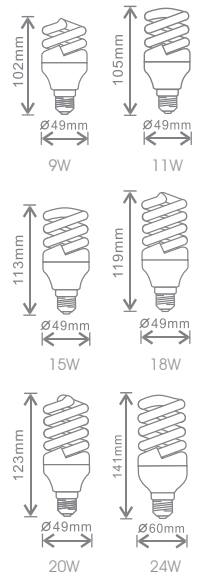
## General Specification

Voltage 220-240Vac  
50-60Hz  
CRI >80  
Life Time 10,000h  
Ambient Temp -20°C to 40°C

## Order Code

ECO09SP2/B22-827  
ECO09SP2/E27-827  
  
ECO11SP2/B22-827  
ECO11SP2/E27-827  
ECO11SP2/B22-840  
ECO11SP2/E27-840  
ECO11SP2/B22-865  
ECO11SP2/E27-865  
  
ECO15SP2/B22-827  
ECO15SP2/E27-827  
ECO15SP2/B22-840  
ECO15SP2/E27-840  
ECO15SP2/B22-865  
ECO15SP2/E27-865  
  
ECO18SP2/B22-827  
ECO18SP2/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  
ECO20SP2/E27-865  
  
ECO24SP1/B22-827  
ECO24SP1/E27-827  
ECO24SP1/B22-840  
ECO24SP1/E27-840  
ECO24SP1/B22-865  
ECO24SP1/E27-865

## Dimensions



Order Code	Power	Cap	CCT	Lumen	Trade Price
ECO09SP2	9W	B22 E27	2700K	480lm	<b>£5.85</b>
ECO11SP2	11W	B22 E27	2700K 4000K 6500K	620lm	<b>£5.85</b>
ECO15SP2	15W	B22 E27	2700K 4000K 6500K	825lm	<b>£5.86</b>
ECO18SP2	18W	B22 E27	2700K 4000K 6500K	1000lm	<b>£6.41</b>
ECO20SP2	20W	B22 E27	2700K 4000K 6500K	1100lm	<b>£6.42</b>
ECO24SP1	24W	B22 E27	2700K 4000K 6500K	1400lm	<b>£8.61</b>



# 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

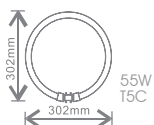
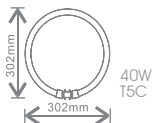
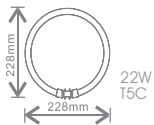
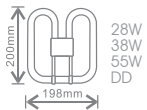
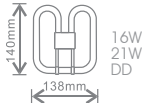
KFT22STC/4p-840

KFT40STC/4p-840

KFT55STC/4p-840



## Dimensions



## DD

Order Code	Power	Cap	CCT	Lumen	Trade Price
KFT16STD	16W	2pin(GR8) 4Pin(GR10q)	2700K 3500K 4000K 6500K	1050lm	<b>£3.87</b>
KFT21STD	21W	4Pin(GR10q)	3500K	1350lm	<b>£4.10</b>
KFT28STD	28W	2pin(GR8) 4Pin(GR10q)	2700K 3500K 4000K 6500K	2050lm	<b>£6.03</b>
KFT38STD	38W	4Pin(GR10q)	2700K 3500K 4000K	2850lm	<b>£7.03</b>
KFT55STD	55W	4Pin(GR10q)	2700K 3500K 4000K	3900lm	<b>£7.59</b>

## T5C

Order Code	Power	Cap	CCT	Lumen	Trade Price
KFT22STC	22W	4pin(2GX13)	4000K	1900lm	<b>£7.19</b>
KFT40STC	40W	4pin(2GX13)	4000K	3400lm	<b>£8.63</b>
KFT55STC	55W	4pin(2GX13)	4000K	4300lm	<b>£9.13</b>

# 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



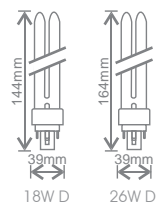
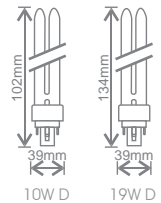
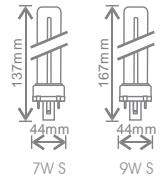
## General Specification

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

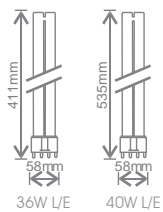
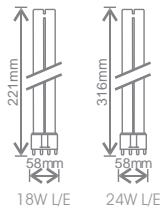
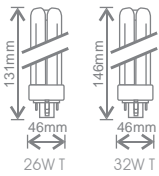
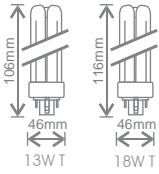
Order Code	Power	Cap	CCT	Lumen	Trade Price
KFT07ST1	7W	2pin(G23)	4000K	400lm	<b>£2.68</b>
KFT09ST1	9W	2pin(G23)	4000K	600lm	<b>£2.91</b>
KFT11ST1	11W	2pin(G23)	4000K	880lm	<b>£3.13</b>

## D

Order Code	Power	Cap	CCT	Lumen	Trade Price
KFT10ST2	10W	2pin(G24d-1) 4pin(G24q-1)	4000K	620lm	<b>£3.58</b>
KFT13ST2	13W	2pin(G24d-1) 4pin(G24q-1)	4000K	900lm	<b>£3.62</b>
KFT18ST2	18W	2pin(G24d-2) 4pin(G24q-2)	4000K	1200lm	<b>£3.82</b>
KFT26ST2	26W	2pin(G24d-3) 4pin(G24q-3)	4000K	1780lm	<b>£4.27</b>

**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**

Order Code	Power	Cap	CCT	Lumen	Trade Price
KFT13ST3	13W	4pin(GX24q-1)	4000K	890lm	<b>£4.55</b>
KFT18ST3	18W	4pin(GX24q-2)	4000K	1200lm	<b>£4.58</b>
KFT26ST3	26W	4pin(GX24q-3)	4000K	1780lm	<b>£5.30</b>
KFT32ST3	32W	4pin(GX24q-3)	4000K	2400lm	<b>£6.09</b>
KFT42ST3	42W	4pin(GX24q-4)	4000K	3200lm	<b>£6.82</b>

**L/E**

Order Code	Power	Cap	CCT	Lumen	Trade Price
KFT18STL	18W	4pin(2G11)	4000K	1250lm	<b>£3.76</b>
KFT24STL	24W	4pin(2G11)	4000K	1800lm	<b>£4.16</b>
KFT36STL	36W	4pin(2G11)	4000K	2400lm	<b>£5.37</b>
KFT40STL	40W	4pin(2G11)	4000K	3500lm	<b>£5.94</b>
KFT55STL	55W	4pin(2G11)	4000K	4800lm	<b>£5.94</b>

# T5, T8

Fluorescent T5, T8 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

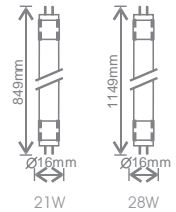
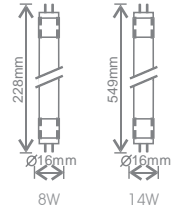
KFT14T5/840

KFT21T5/840

KFT28T5/840

KFT35T5/840

## Dimensions



## T5 High Efficiency

Order Code	Power	Cap	Length	CCT	Lumen	Trade Price
KFT08T5	8W	G5	228mm	4000K	450lm	<b>£1.98</b>
KFT14T5	14W	G5	549mm	4000K	1200lm	<b>£2.79</b>
KFT21T5	21W	G5	849mm	4000K	1850lm	<b>£3.27</b>
KFT28T5	28W	G5	1149mm	4000K	2600lm	<b>£4.01</b>
KFT35T5	35W	G5	1449mm	4000K	3300lm	<b>£5.88</b>

## T5 High Output

Order Code	Power	Cap	Length	CCT	Lumen	Trade Price
KFT24T5HO	24W	G5	549mm	4000K	1750lm	£3.82
KFT39T5HO	39W	G5	849mm	4000K	3300lm	£4.42
KFT49T5HO	49W	G5	1449mm	4000K	4500lm	£5.88
KFT54T5HO	54W	G5	1149mm	4000K	4650lm	£5.00

## Order Code

KFT24T5HO/840

KFT39T5HO/840

KFT49T5HO/840

KFT54T5HO/840

KFT18T8/840

KFT30T8/840

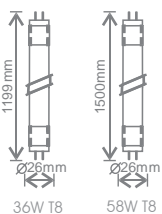
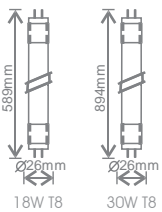
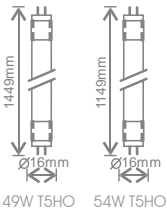
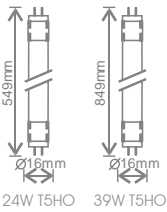
KFT36T8/840

KFT58T8/840

## T8

Order Code	Power	Cap	Length	CCT	Lumen	Trade Price
KFT18T8	18W	G13	589mm	4000K	1350lm	£2.80
KFT30T8	30W	G13	894mm	4000K	2250lm	£4.25
KFT36T8	36W	G13	1199mm	4000K	3350lm	£3.78
KFT58T8	58W	G13	1500mm	4000K	5200lm	£4.42

## Dimensions



HALO Lamp



Classic Shape 174



G5.3 176



G9, G4,  
GY6.35 177

# Classic Shape

- Save energy by up to 30%
  - CRI of 100Ra
- Operating life of 2,000hrs



## Candle

Order Code	Power	Cap	CCT	Lumen	Trade Price
KHL18CND	18W	B22 E14	3000K	220lm	<b>£2.18</b>
KHL28CND	28W	B15 B22 E14 E27	3000K	370lm	<b>£2.18</b>
KHL42CND	42W	B15 B22 E14 E27	3000K	630lm	<b>£2.18</b>

## Bent-tip Candle

Order Code	Power	Cap	CCT	Lumen	Trade Price
KHL28BTP	28W	B15 B22 E14 E27	3000K	370lm	<b>£2.32</b>
KHL42BTP	42W	B22 E14 E27	3000K	630lm	<b>£2.32</b>

## General Specification

Voltage 220-240Vac  
50-60Hz  
CRI 100  
Life Time 2,000h  
Ambient Temp -20°C to 40°C

## Order Code

KHL18CND/B22  
KHL18CND/E14

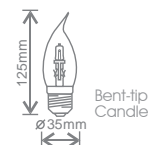
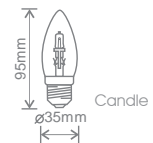
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KHL28CND/E27

KHL42CND/B15  
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KHL42CND/E14  
KHL42CND/E27

KHL28BTP/B15  
KHL28BTP/B22  
KHL28BTP/E14  
KHL28BTP/E27

KHL42BTP/B22  
KHL42BTP/E14  
KHL42BTP/E27

## Dimensions





**Golf**

Order Code	Power	Cap	CCT	Lumen	Trade Price
KHS18GLF	18W	B22 E14 E27	3000K	220lm	<b>£2.21</b>
KHS28GLF	28W	B15 B22 E14 E27	3000K	370lm	<b>£2.21</b>
KHS42GLF	42W	B15 B22 E14 E27	3000K	630lm	<b>£2.21</b>

**GLS**

Order Code	Power	Cap	CCT	Lumen	Trade Price
KHL28GLS	28W	B22 E27	3000K	370lm	<b>£2.33</b>
KHL42GLS	42W	B22 E27	3000K	630lm	<b>£2.33</b>
KHL70GLS	70W	B22 E27	3000K	1200lm	<b>£2.50</b>

**Order Code**

KHS18GLF/B22  
KHS18GLF/E14  
KHS18GLF/E27

KHS28GLF/B15  
KHS28GLF/B22  
KHS28GLF/E14  
KHS28GLF/E27

KHS42GLF/B15  
KHS42GLF/B22  
KHS42GLF/E14  
KHS42GLF/E27

KHL28GLS/B22  
KHL28GLS/E27

KHL42GLS/B22  
KHL42GLS/E27

KHL70GLS/B22  
KHL70GLS/E27

**Dimensions**



# G5.3

- Save energy by up to 30%
  - CRI of 100Ra
- Operating life of 2,000hrs



## General Specification

Voltage	12V
CRI	100
Life Time	2,000h
Ambient Temp	-20°C to 40°C

## Order Code

KHL15MR16/G5.3-DIC-830  
 KHL15MR16/G5.3-ALU-830  
 KHL35MR16/G5.3-DIC-830  
 KHL35MR16/G5.3-ALU-830  
 KHL50MR16/G5.3-DIC-830  
 KHL50MR16/G5.3-ALU-830  
 KHS25MR16/G5.3-DIC-830  
 KHS25MR16/G5.3-ALU-830  
 KHS40MR16/G5.3-DIC-830  
 KHS40MR16/G5.3-ALU-830

## G5.3

Order Code	Power	Cap	CCT	Lumen	Trade Price
KHL15MR16	15W	G5.3	3000K	140lm	£1.47
KHL35MR16	35W	G5.3	3000K	430lm	£1.47
KHL50MR16	50W	G5.3	3000K	680lm	£1.47
KHS25MR16	25W	G5.3	3000K	300lm	£1.47
KHS40MR16	40W	G5.3	3000K	510lm	£1.47

## Dimensions



# G9, G4, GY6.35

- Save energy by up to 30%
  - CRI of 100Ra
- Operating life of 2,000hrs

## General Specification

Voltage 12V  
(G4, GY6.35)  
220-240Vac  
50-60Hz  
(G9)

CRI 100

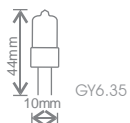
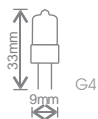
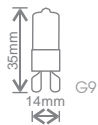
Life Time 2,000h

Ambient Temp -20°C to 40°C

## Order Code

KHS18CPL/G9-CLE  
KHS28CPL/G9-CLE  
KHS42CPL/G9-CLE  
KHL10CPL/G4-CLE  
KHL20CPL/G4-CLE  
KHL35CPL/GY6.35-CLE  
KHL50CPL/GY6.35-CLE

## Dimensions



## G9

Order Code	Power	Cap	CCT	Lumen	Trade Price
KHS18CPL	18W	G9	3000K	205lm	£1.68
KHS28CPL	28W	G9	3000K	370lm	£1.68
KHS42CPL	42W	G9	3000K	630lm	£1.68

## G4

Order Code	Power	Cap	CCT	Lumen	Trade Price
KHL10CPL	10W	G4	3000K	100lm	£0.60
KHL20CPL	20W	G4	3000K	290lm	£0.60

## GY6.35

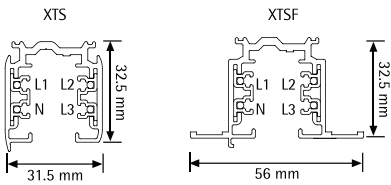
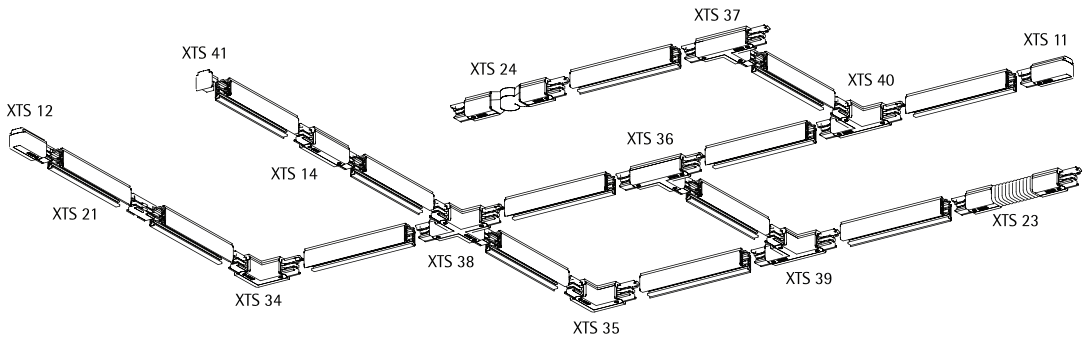
Order Code	Power	Cap	CCT	Lumen	Trade Price
KHL35CPL	35W	GY6.35	3000K	600lm	£0.66
KHL50CPL	50W	GY6.35	3000K	900lm	£0.66

**GLOBAL Trac**

Reference

# GLOBAL Trac Pro

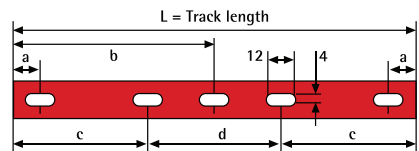
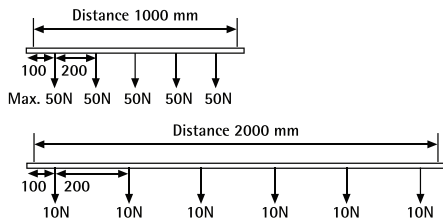
L1/L2/L3/neutral/ground 16 A/400 V. IP20.



The recommended fastening distance is 1000 mm.

NOTE: A load not heavier than 10 kg may hang on a power takeoff adapter, the pull strength being 100 N (1kp = 9.81N) and the maximum torque 2.5 Nm. (GA 69 5 kg/50 N).

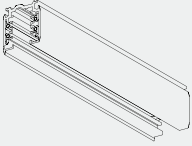
L/mm	a/mm	b/mm	c/mm	d/mm
1000	250			
2000	250	1000		
3000	250		1000	1000
4000	250		1500	1000



# GLOBAL Trac Pro tracks

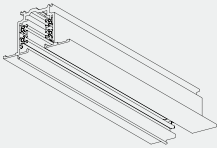
Available colours: - 1 grey (AW 202JR), -2 black (RAL 9005), -3 white (RAL 9010).

## XTS 4100-4400



Type	EAN code	Dimensions in mm/ track length	Surface treatment/colour/ material	PCS/ Package
XTS 4100-1	64100 14 507 01-5	1000	Grey	4/240
XTS 4100-2	64100 14 506 01-8	1000	Black	4/240
XTS 4100-3	64100 14 507 06-0	1000	White	4/240
XTS 4200-1	64100 14 507 02-2	2000	Grey	4/240
XTS 4200-2	64100 14 506 02-5	2000	Black	4/240
XTS 4200-3	64100 14 507 07-7	2000	White	4/240
XTS 4300-1	64100 14 507 03-9	3000	Grey	4/240
XTS 4300-2	64100 14 506 03-2	3000	Black	4/240
XTS 4300-3	64100 14 507 08-4	3000	White	4/240
XTS 4400-1	64100 14 507 04-6	4000	Grey	4/240
XTS 4400-2	64100 14 506 04-9	4000	Black	4/240
XTS 4400-3	64100 14 507 09-1	4000	White	4/240

## XTSF 4100-4400

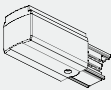


XTSF 4100-1	64100 14 507 51-0	1000	Grey	6/180
XTSF 4100-2	64100 14 506 51-3	1000	Black	6/180
XTSF 4100-3	64100 14 507 56-5	1000	White	6/180
XTSF 4200-1	64100 14 507 52-7	2000	Grey	6/180
XTSF 4200-2	64100 14 506 52-0	2000	Black	6/180
XTSF 4200-3	64100 14 507 57-2	2000	White	6/180
XTSF 4300-1	64100 14 507 53-4	3000	Grey	6/180
XTSF 4300-2	64100 14 506 53-7	3000	Black	6/180
XTSF 4300-3	64100 14 507 58-9	3000	White	6/180
XTSF 4400-1	64100 14 507 54-1	4000	Grey	6/180
XTSF 4400-2	64100 14 506 54-4	4000	Black	6/180
XTSF 4400-3	64100 14 507 59-6	4000	White	6/180

# GLOBAL Trac Pro accessories

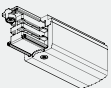
Power supply option in all connectors except XTS 21, XTS 23 and XTS 24. All materials used are halogen free and VO-self-extinguishing. Available colours: -1 grey (RAL 7040), -2 black (RAL 9005), -3 white (RAL 9010).

## End feed XTS 11



Type	EAN code	Polarity ridge	Surface treatment/colour/ material	PCS/ Package
XTS 11-1	64100 14 507 15-2		Grey	10/100
XTS 11-2	64100 14 506 11-7		Black	10/100
XTS 11-3	64100 14 507 11-4		White	10/100

## XTS 12

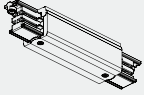


XTS 12-1	64100 14 507 16-9		Grey	10/100
XTS 12-2	64100 14 506 12-4		Black	10/100
XTS 12-3	64100 14 507 12-1		White	10/100

# GLOBAL Trac Pro accessories

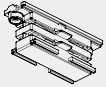
Power supply option in all connectors except XTS 21, XTS 23 and XTS 24.  
Available colours: -1 grey (RAL 7040), -2 black (RAL 9005), -3 white (RAL 9010).

## Middle feed XTS 14



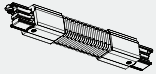
Type	EAN code	Polarity ridge	Surface treatment/colour/material	PCS/Package
XTS 14-1	64100 14 507 17-6		Grey	5/50
XTS 14-2	64100 14 506 14-8		Black	5/50
XTS 14-3	64100 14 507 14-5		White	5/50

## Straight connector XTS 21



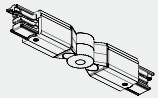
XTS 21-1	64100 14 507 18-3		Grey	10/100
XTS 21-2	64100 14 506 21-6		Black	10/100
XTS 21-3	64100 14 507 21-3		White	10/100

## Flexible corner connector XTS 23



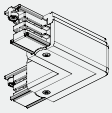
XTS 23-1	64100 14 507 20-6		Grey	5/25
XTS 23-2	64100 14 506 23-0		Black	5/25
XTS 23-3	64100 14 507 23-7		White	5/25

## Adjustable corner connector XTS 24



XTS 24-1	64100 14 507 19-0		Grey	5/25
XTS 24-2	64100 14 506 24-7		Black	5/25
XTS 24-3	64100 14 507 24-4		White	5/25

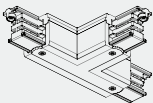
## L-feed XTS 34, 35



XTS 34-1	64100 14 507 25-1		Grey	5/25
XTS 34-2	64100 14 506 34-6		Black	5/25
XTS 34-3	64100 14 507 34-3		White	5/25

XTS 35-1	64100 14 507 26-8		Grey	5/25
XTS 35-2	64100 14 506 35-3		Black	5/25
XTS 35-3	64100 14 507 35-0		White	5/25

## T-feed XTS 36, 37, 39, 40



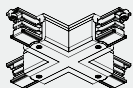
XTS 36-1	64100 14 507 27-5		Grey	5/25
XTS 36-2	64100 14 506 36-0		Black	5/25
XTS 36-3	64100 14 507 36-7		White	5/25

XTS 37-1	64100 14 507 28-2		Grey	5/25
XTS 37-2	64100 14 506 37-7		Black	5/25
XTS 37-3	64100 14 507 37-4		White	5/25

XTS 39-1	64100 14 507 30-5		Grey	5/25
XTS 39-2	64100 14 506 39-1		Black	5/25
XTS 39-3	64100 14 507 39-8		White	5/25

XTS 40-1	64100 14 507 31-2		Grey	5/25
XTS 40-2	64100 14 506 40-7		Black	5/25
XTS 40-3	64100 14 507 40-4		White	5/25

## X-feed XTS 38



XTS 38-1	64100 14 507 29-9		Grey	5/25
XTS 38-2	64100 14 506 38-4		Black	5/25
XTS 38-3	64100 14 507 38-1		White	5/25

## End cap XTS 41

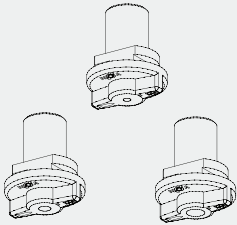


XTS 41-1	64100 14 507 32-9		Grey	10/100
XTS 41-2	64100 14 506 41-4		Black	10/100
XTS 41-3	64100 14 507 41-1		White	10/100

# GLOBAL Trac Pro other parts

Available colours: -1 grey (RAL 7040), -2 black (RAL 9005), -3 white (RAL 9010).

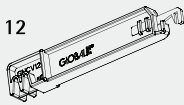
## Hook base XTAK 142, 144, 146



## Hook XTAK 11

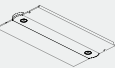


## Tool XTSV 12



## Cover plates

### XTSF 10



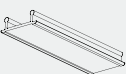
### XTSF 30



### XTSF 40



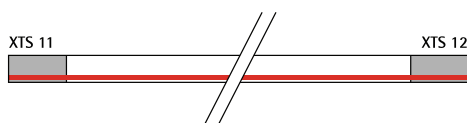
## Cover strip XTSP 11



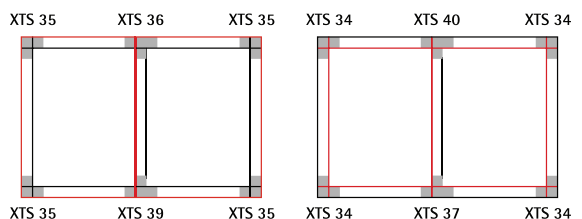
Type	EAN code		Surface treatment/colour/material	PCS/Package
XTAK 142-1	64100 14 507 43-5	For 2 mm wire/hook	Grey	50/250
XTAK 142-2	64100 14 506 42-1	For 2 mm wire/hook	Black	50/250
XTAK 142-3	64100 14 507 42-8	For 2 mm wire/hook	White	50/250
XTAK 144-1	64100 14 507 45-9	For M4 nut/rod	Grey	50/250
XTAK 144-2	64100 14 506 44-5	For M4 nut/rod	Black	50/250
XTAK 144-3	64100 14 507 44-2	For M4 nut/rod	White	50/250
XTAK 146-1	64100 14 507 47-3	For M6 nut/rod	Grey	50/250
XTAK 146-2	64100 14 506 46-9	For M6 nut/rod	Black	50/250
XTAK 146-3	64100 14 507 46-6	For M6 nut/rod	White	50/250
XTAK 11-1	64100 14 500 79-5	Hook 2 mm	Steel	100/5000
XTSV 12	64100 14 500 99-3	Bending tool for power wires	Blue	1/100
XTSF 10-1	64100 14 500 41-2	Cover plate for XTS11-14	Grey	1/100
XTSF 10-2	64100 14 506 61-2	Cover plate for XTS11-14	Black	1/100
XTSF 10-3	64100 14 507 61-9	Cover plate for XTS11-14	White	1/100
XTSF 30-1	64100 14 506 42-9	Cover plate for XTS34-40	Grey	1/100
XTSF 30-2	64100 14 506 62-9	Cover plate for XTS34-40	Black	1/100
XTSF 30-3	64100 14 507 62-6	Cover plate for XTS34-40	White	1/100
XTSF 40-1	64100 14 506 43-6	Outlet/cover plate for feeds	Grey	1/100
XTSF 40-2	64100 14 506 63-6	Outlet/cover plate for feeds	Black	1/100
XTSF 40-3	64100 14 507 63-3	Outlet/cover plate for feeds	White	1/100
XTSP 11-2	64100 14 530 99-0	Cover strip, 3000 mm	Black	10/100
XTSP 11-3	64100 14 530 98-3	Cover strip, 3000 mm	White	10/100

## Use of L- and T-accessories

Red line indicates polarity ridge



### Floor view





# Glossary

## **0-10V 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 0-10V.

## **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.

**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.

**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.

**Lux (or Illuminance):**

The amount of luminous flux falling on a surface measured in lumens per metre<sup>2</sup>, lm/m<sup>2</sup> or lux.

**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 years. Other Kosnic lighting products are warranted for 1 year. An extended 5 year warranty can be offered if the 'Application for an extended 5 year warranty form' is approved. 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 Luminaires:

Kosnic LED lamps are designed to be used in "open luminaires" and should have a minimum of 10mm air flow around the body of the lamp.

### LED Lamps Fitted Into Enclosed Luminaires:

Kosnic LED lamps are not designed to be used in completely enclosed luminaires 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.

"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 or revise Purchaser's acceptance of a quotation unless such quotation is stated to be open within the certain period of time. Any sample submitted to the Purchaser is returnable.

(b) The company reserves the right to accept or cancel orders, as well as to cancel any uncompleted order or to suspend delivery in the event of any of the Purchaser's commitments with 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.

## 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 is available (subject to acceptance of credit account application) for the Purchaser. All goods remain the property of The Company until payment is received.

(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 endeavor 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 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 at 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 customer 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 only accepts returns if the goods are faulty, 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) The property in the goods shall remain with the Company until all payments under the contract for the goods have been made in full and unconditionally, whilst the ownership of the Company continues the Customer shall keep the goods separate and identifiable from all other goods in its possession as Bailee of the Company.

**Legal construction**

All contracts to which these Conditions of Sales apply shall in all respects be construed and operate as an English contract and in conformity with English law.

## 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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