

Kosnic

E V O L V E



New age of lighting

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ECO Ethos @ Kosnic for a greener planet

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

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

Manufacturing and supply chain control

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

Eco design and innovations

Emergency solution with lithium batteries

Kosnic is one of the earliest companies to produce LED emergency conversion modules with Lithium batteries. In 2020, Kosnic will completely remove environmentally harmful Ni-Cad batteries from our product ranges.

Modular luminaires - Minimising plastic and EEE waste

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



Modular design

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

Higher energy efficiency

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



Ultra high efficiency

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



CIRC4Life

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

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

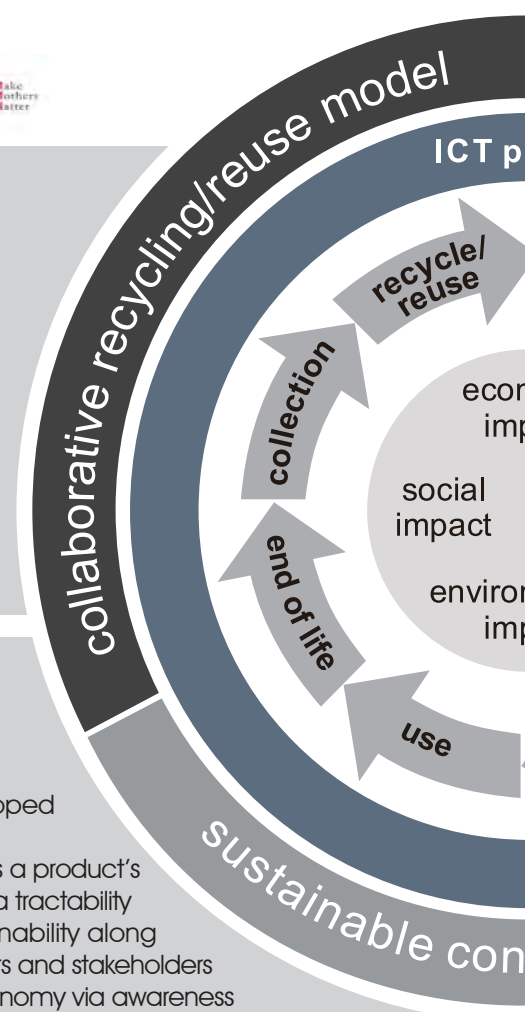
The project budget amounts to €7,228,773 which includes a €6,294,033 grant from the European Commission. This three-year project (which will run from May 2018 until April 2021) aims to develop and implement a circular economy approach for sustainable products and services through their value and supply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

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



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

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



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

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



www.circ4life.eu

A sustainable consumption model

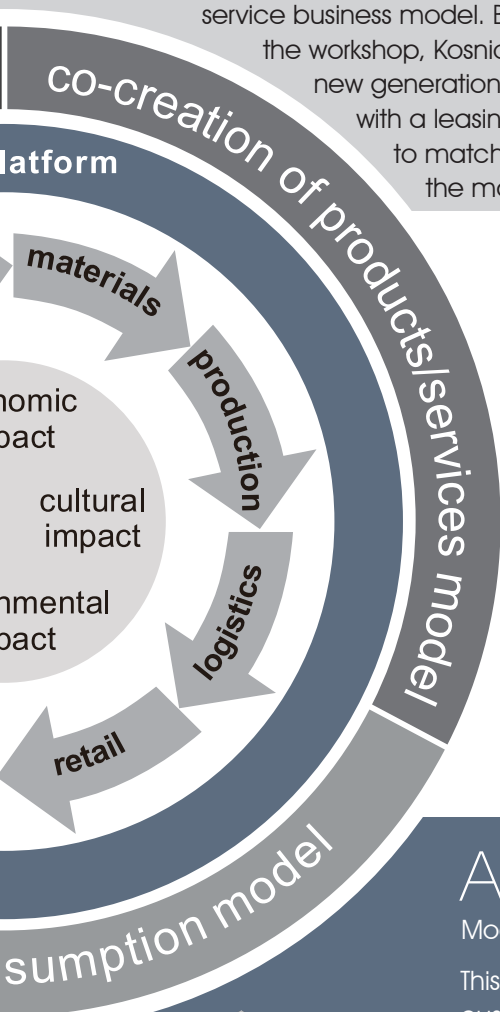
in which a method to calculate the eco-points of products will be developed based on the outcome of the FP7 myEcoCost project. This aims to assess a product's environmental footprint (PEF), provide a tractability solution to monitor a product's sustainability along the value chain, and support end-users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

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

Co-creation of Products and Services model

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

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



Kosnic Lighting & CIRC4Life

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

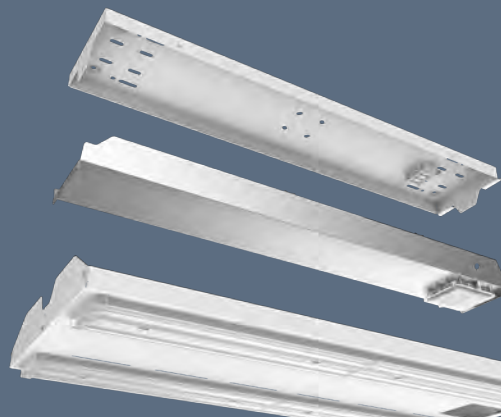
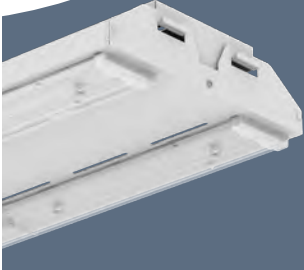
Kosnic is a member of the project consortium as an industrial partner and demonstrator, representing the industrial lighting market sector. We have been tasked with the creation of a modular industrial luminaire and leasing service business model to offer improved sustainability by implementing and embracing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

Arcus II

Modular LED low bay with high efficiency

This new generation of LED luminaire comprises customisable functional modules:

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



See page 166 for details



About Us

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

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

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

Dedicated to Design, Manufacture and Distribution

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

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

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

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

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

Export

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

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

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



Warehouse

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

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

Customer Service

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

Sales Team and Business Development Managers

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

Showroom & Meeting Rooms

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

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

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



Conference room



Showroom

Project & Specification

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

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

What We Do

Services available to you include:

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

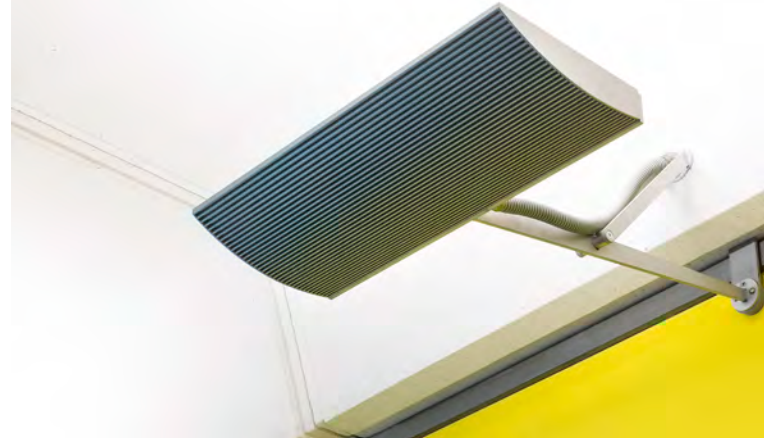
Working closely with our Wholesale and Distribution partners, our aim is to help you build a compelling business case to persuade customers of the benefits of switching to a Kosnic LED solution.



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

Image 1: False colour rendering

Image 2: Visual 3D render



Client Liaison, site surveys and on-site commissioning

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

Cost Of Ownership Calculations

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

Lighting Schemes

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

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

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

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

Relux

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

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

E-catalogue

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

- **Scan the below QR code**

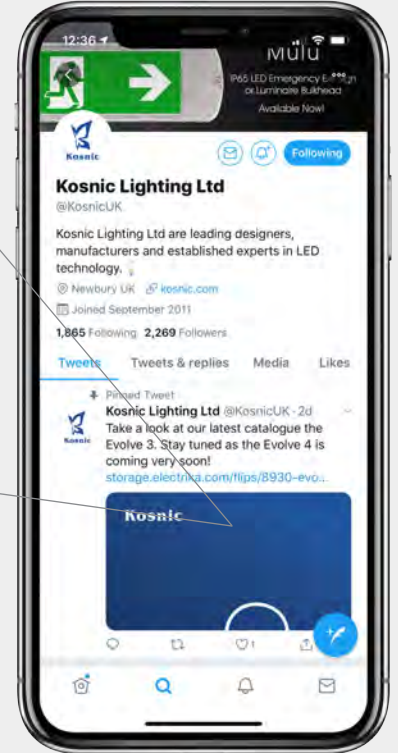
to take you straight to our easy to view e-catalogue

- **Social media outlets**

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

- **Visit our website kosnic.com**

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



#Kosnic



Follow us on Twitter to see our latest events and news



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



Head over to our YouTube channel to look at our videos.



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



Kosnic Lighting Ltd



[kosnicuk](https://www.instagram.com/kosnicuk)



[@KosnicUK](https://twitter.com/@KosnicUK)



[KosnicLightingLtd](https://www.facebook.com/KosnicLightingLtd)

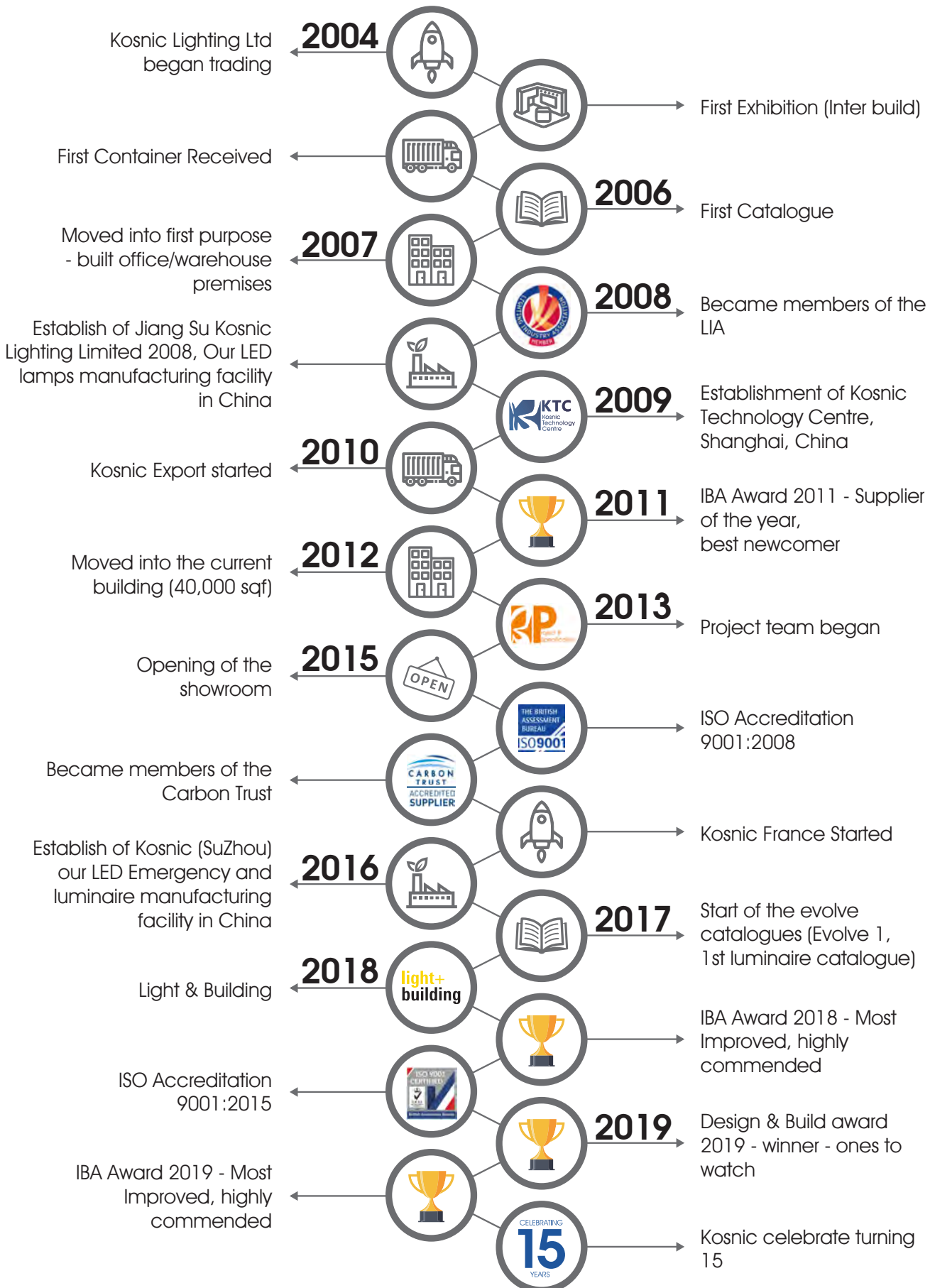


[Kosnic Lighting](https://www.linkedin.com/company/Kosnic%20Lighting)

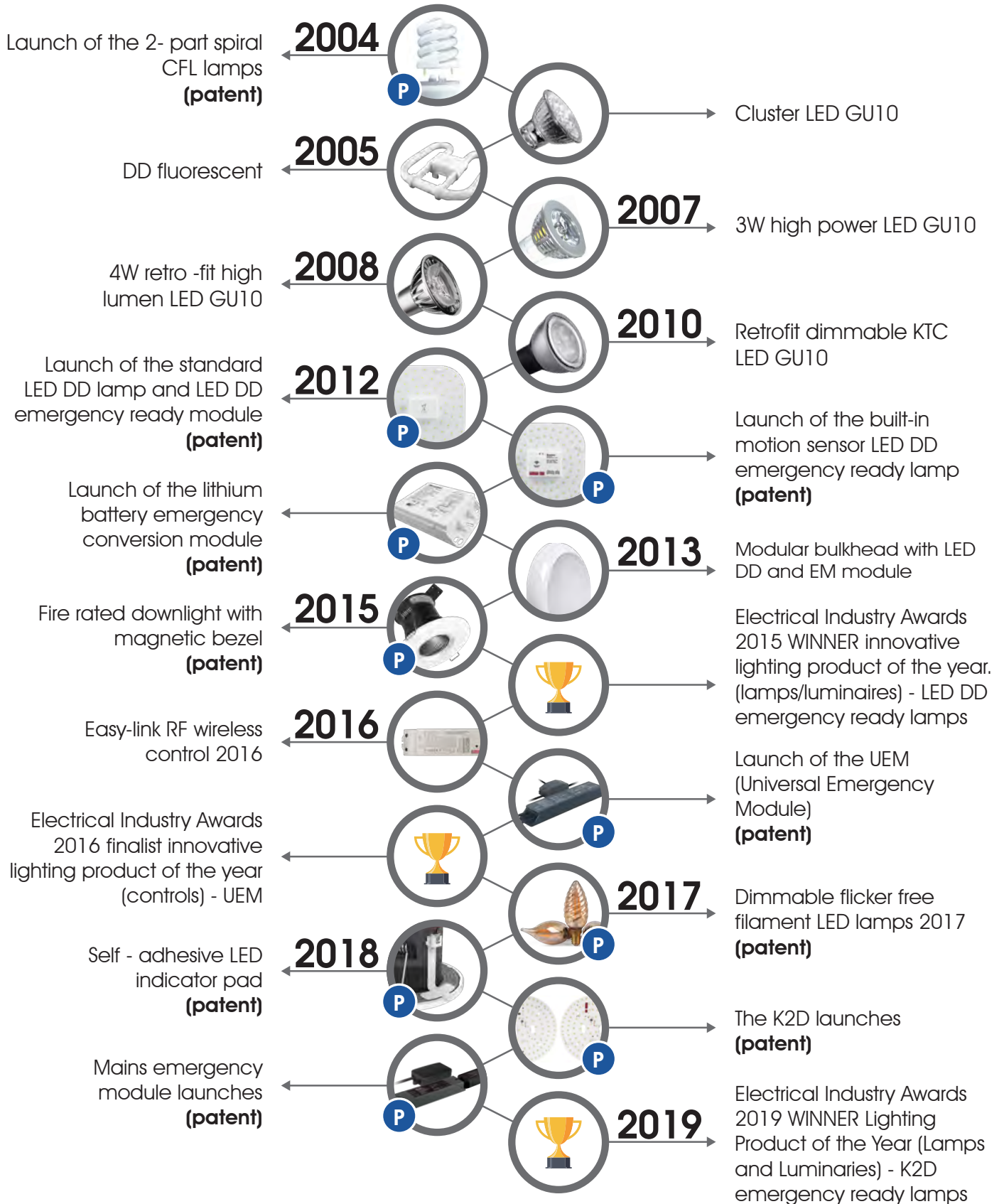


[e-catalogue](#)

History of Kosnic



History Of Kosnic's Key Product Launch and Innovations



Warranties*

Emergency

All emergency modules and fittings have a 3 year warranty

3 Years
Standard warranty

5 Years
Extended warranty

4 Years
Battery Standard warranty

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

Luminaire (standard warranty)

All our luminaires have 3 year or 5 year standard warranty

3 Years
Standard warranty

5 Years
Standard warranty

Luminaire (extended warranty)

5 Years
Extended warranty

7 Years
Extended warranty

10 Years
Extended warranty

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

Lamps

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

2 Years
Standard warranty

3 Years
Standard warranty

5 Years
Standard warranty

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

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

full warranty policy at the back of catalogue

Icon guide

Product features



DALI & 1-10V
Dimmable Options



50mm
Cut-out



60 minutes
Fire rating



110 110V
Input voltage



110 240 110-240V
Input voltage



3 3 Years
Standard Warranty



5 5 Years
Standard Warranty



5 5 Years
Extended Warranty



7 7 Years
Extended Warranty



10 10 Years
Extended Warranty



1000V
Surge Protection



2000V
Surge Protection
(L to GND)

Modular and Multi-setting



Built-in emergency



Plug-in emergency



Add-on emergency



Built-in motion sensor



Plug-in On/Off sensor



Plug-in Corridor sensor



Add-on sensor



Dusk to dawn sensor



CCT switching



Wattage switching



Interchangeable ring



Flicker free



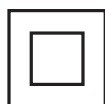
Battery warranty

Common industry standard symbols

Can be found on datasheets, products and product packaging.



Class I
Luminaires with
Earth Connection



Class II
Luminaires with
Double Insulation



Class III
Luminaires with
Supply of Safety
Extra Low Voltage (SELV)



Suitable for
internal use only



Suitable for
external use only



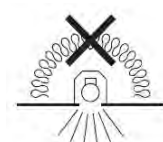
Suitable for internal
and external use



Weee - recycling



Safety Extra Low
Voltage (SELV)



Do not cover with
insulation



Do not stare at light
source



Independent lamp
control gear



CE Marking

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Panel &
Modular Luminaire
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Surface Luminaire
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Linear Luminaire
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Fire-rated &
Commercial Downlight
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Floodlight
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7

Street Light
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8

High Bay & Low Bay
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9

Amenity Exterior
Luminaire
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10

Retail & Display
P190

11

Worklight
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Pendant & Shade
P222

13

LED Commercial &
Domestic Lamp
P228

14

CFL
P268

15

Halo
P276

NEW Available
Sep 2020

Estimated available time
of new products

SPEC LINE

Specification product,
lead time dependant
by quotation only.

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

Upgrade
Sep 2020

Estimated available time
of upgraded products

SEASONAL LINE

Product available from
October whilst stocks last

New Products

UEM II



P22

Self-test DD EME



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Orda II



P38

Alden

(595 X 595, 295 X 1195)
& 595 X 1195)



P48

Alden-Pro

(595 X 595)



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Recessed motion sensor



P58

Blanca-i Pro



P74

Polo



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Kaz



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Kabru



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Arno-Pro



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Arno-Retro



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Isar



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Nile II



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Trent



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Trent Onsite



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Avon III



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Volga



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Erta



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Toba



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Napa



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Vermillion



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Thorpeak



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Havasu



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Vega



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Arcus-II



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Cumulus



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Nimbus III



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Halo Hybrid



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Atami



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Penta



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Multi-Setting Products

Switchable CCT

Alden-Pro
(595mm X 595mm)



3000K / 4000K / 6500K

Meola



3000K / 4000K / 6500K

Kabru



3000K / 4000K / 6500K

Lena



3000K / 4000K / 6000K

Niva II



3000K / 4000K / 6000K

Slim-Line II



3000K / 4000K / 6000K

Kennet



3000K / 4000K / 6000K

Congo



3000K / 4000K / 6000K

Mauna Plus Fixed



3000K / 4000K / 6000K

Mauna Plus Tilt



3000K / 4000K / 6000K

Mauna Pro



3000K / 4000K / Dim to warm

Napa



3000K / 4000K / 6000K

Telica Fixed



3000K / 4000K / 6500K

Telica Tilt



3000K / 4000K / 6500K

Naso



3000K to 6000K

Toba



3000K / 4000K / 6500K

Ventas



3000K / 6500K

Switchable Wattage

Alden-Pro
(1195mm X 295mm)



30W / 40W

Alden-Pro
(1195mm X 595mm)



54W / 72W

Kali-Pro
(595mm X 595mm)



23W / 28W
27W / 36W

Kali-Standard
(1195mm X 295mm)



30W / 40W

Kali-Standard
(1195mm X 595mm)



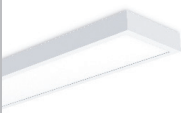
60W / 80W

Twin Bar
(595mm X 595mm)



30W / 40W

Milo



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

Havasú



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

Switchable CCT+Switchable Wattage

<p>Kurve (595mm X 595mm)</p>  <p>3000K / 4000K / 5000K 30W / 40W</p>	<p>Nevis (595mm X 595mm)</p>  <p>3000K / 4000K / 5000K 23W / 28W</p>	<p>Blanca-i Pro</p>  <p>3000K / 4000K / 5000K 9W / 12W / 18W</p>	<p>Trent</p>  <p>3000K / 4000K / 6000K 20W / 25W / 30W / 35W (4ft) 27W / 34W / 41W / 48W (5ft) 35W / 44W / 53W / 62W (6ft)</p>	<p>Arno-Pro</p>  <p>3000K / 4000K / 6000K 18W / 32W (4ft) 36W / 48W (5ft) 45W / 60W (6ft)</p>
<p>Arno-Retro</p>  <p>3000K / 4000K / 6000K 18W / 32W (4ft) 36W / 48W (5ft) 45W / 60W (6ft)</p>	<p>Faceta</p>  <p>3000K / 4000K / 5000K 6W / 10W 16W / 20W 22W / 26W</p>	<p>Atami</p>  <p>3000K / 4000K / 5000K 7W / 15W 20W / 30W</p>	<p>K2D Standard</p>  <p>3000K / 4000K / 5000K 9W / 12W / 18W</p>	<p>K2D Sensor</p>  <p>3000K / 4000K / 5000K 9W / 12W / 18W</p>

Wattage and CCT in bold are the default settings

1
Emergency



UEM

20



UEM II

22



Batten EME

23



Mains EME

25



DD EME

26



Manot

28



Mulu

30



Kalem

31



Doxa

33



Nitro

34



Nitro Self-test

35



Nitro Surface

36



Orda

37



Orda II

38

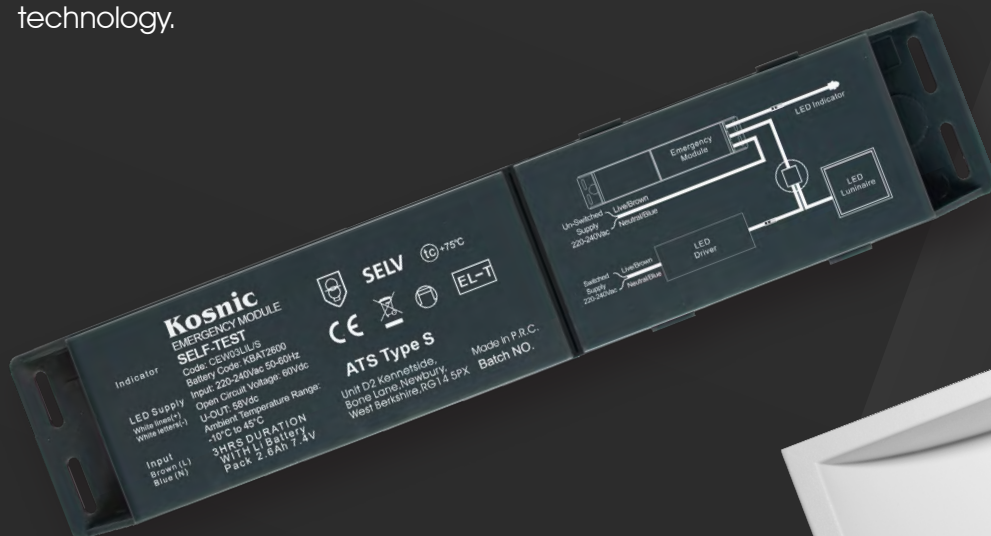
Universal Emergency Module

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

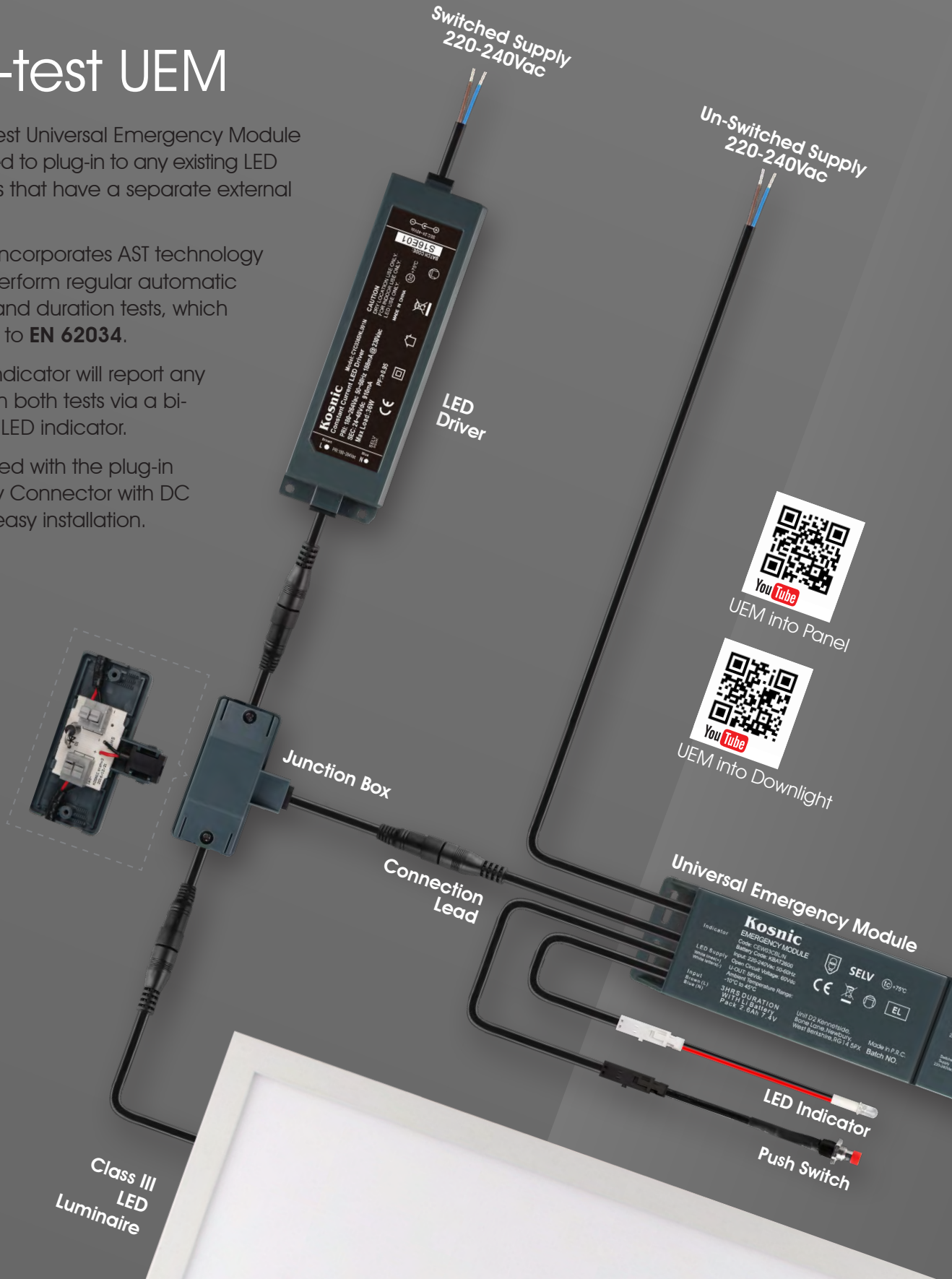
Self-test UEM

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

The UEM incorporates AST technology that will perform regular automatic function and duration tests, which conforms to **EN 62034**.

The LED indicator will report any faults from both tests via a bi-coloured LED indicator.

It is supplied with the plug-in Three-way Connector with DC jacks for easy installation.



Patent



Self-Test UEM - LED Indicator Signals

Scan QR code for video.

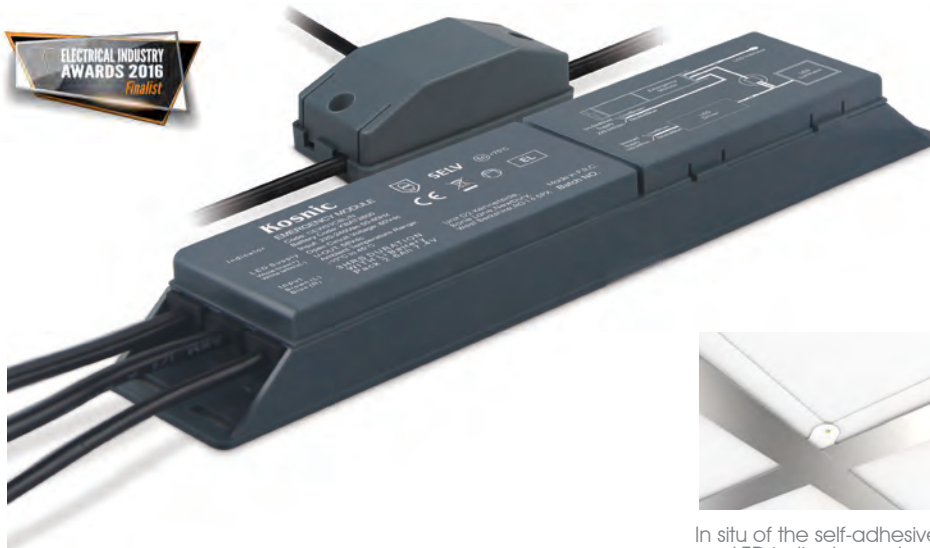
UEM

Standard/Self-test 3W universal emergency module

Battery warranty

4
YEAR

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



In situ of the self-adhesive LED indicator pad

LED Indicator (Self-test version)

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



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

Leads Included



General Specification

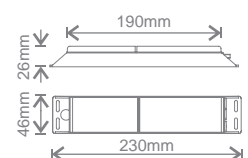
Input Voltage	220-240Vac
Input Current (max)	35mA
Emergency Conversion Time	1s
Emergency Operation Time	>3h
Charging Time	12h
Battery Voltage	7.4V
Battery Life	4 Years
Ambient Temp	0°C to 45°C
Maximum Case Temp	75°C



Order Code

CEW03LIL/N
CEW03LIL/S

Dimensions



Standard

Order Code	Output Wattage (Max)	Output Voltage	Battery	Battery Capacity	Output Current	Trade Price
CEW03LIL/N	3W	9-58Vdc	Li-ion	2600mAh	50-130mA	£97.77

Self-test

Order Code	Output Wattage (Max)	Output Voltage	Battery	Battery Capacity	Output Current	Trade Price
CEW03LIL/S	3W	20-58Vdc	Li-ion	2600mAh	50-130mA	£115.04

Battery

Order Code	Type	Capacity	Trade Price
KBAT2600	Li-ion	2600mAh	£47.76

Patent

UEM II | Universal Emergency Module

UEM II

Enhanced for easy installation

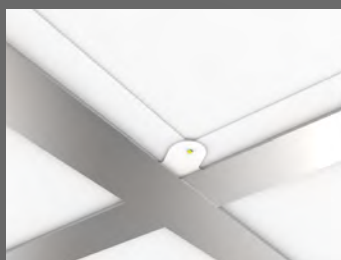
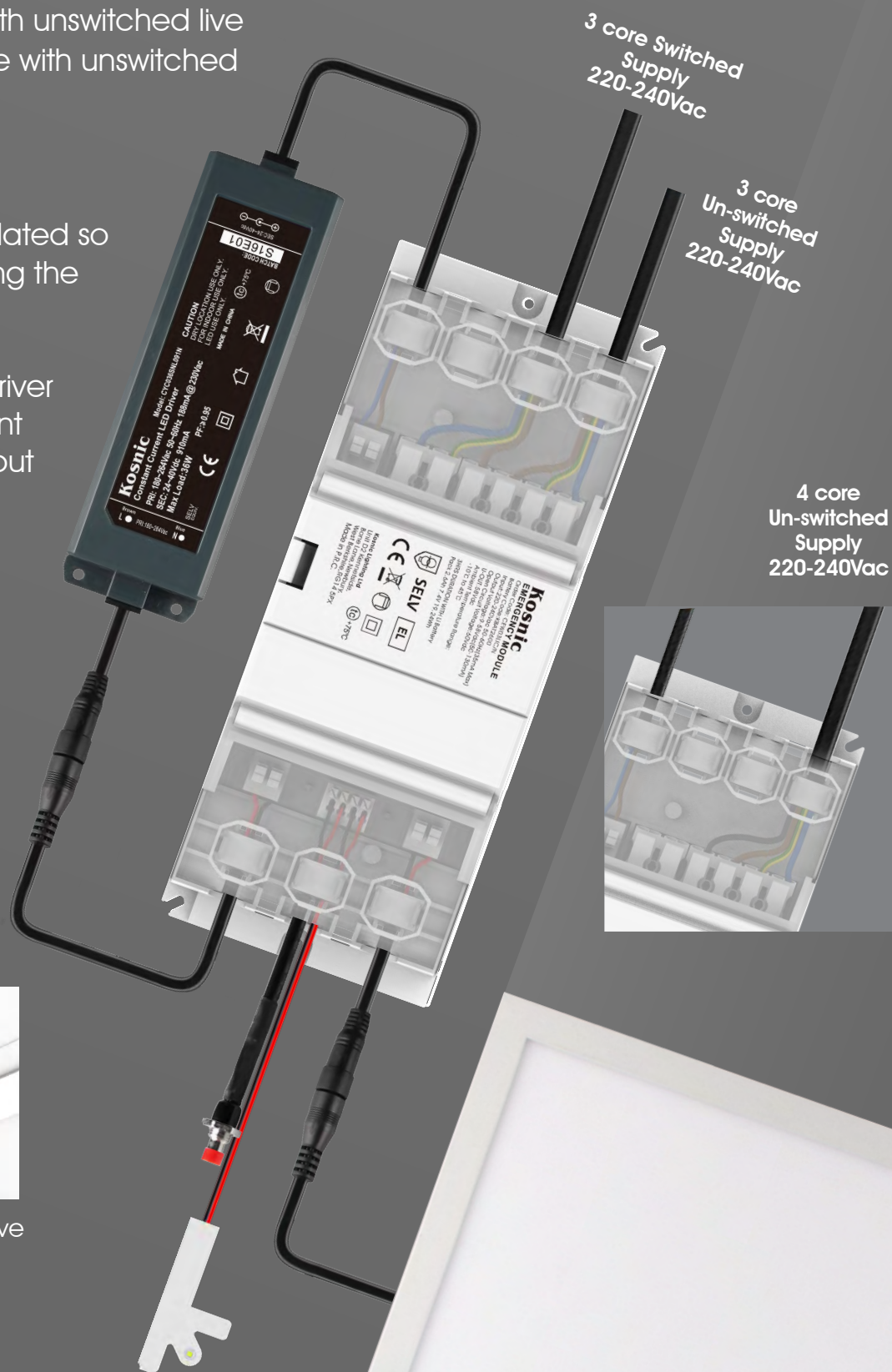
6 loop-in loop-out push-wire connectors allow wiring with

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

Driver isolation

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

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



In situ of the self-adhesive LED indicator pad

NEW Available
Sep 2020

UEM II

Standard/Self-test 3W universal emergency module

Battery warranty **4** YEAR

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



In situ of the self-adhesive LED indicator pad

LED Indicator (Self-test version)

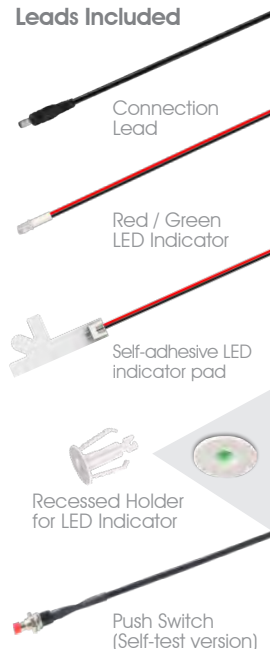
- | | | | |
|----------------------------|-------------------------|--------------------------|-------------------------|
| • Green | System Healthy | • Red | Battery Charging Fault |
| • Green Flash 1 per second | Duration Test Pending | • Red Flash 2 per second | Battery Duration Fault |
| • Green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



3 3 Years
Standard Warranty

5 5 Years
Extended Warranty

Leads Included



General Specification

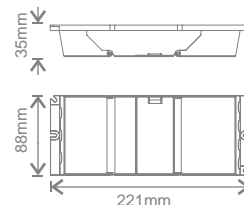
Input 220-240Vac
Voltage 50-60Hz
Input Current (max) 35mA
Emergency Conversion Time 1s
Emergency Operation Time >3h
Charging Time 12h
Battery Voltage 7.4V
Battery Life 4 Years
Ambient Temp 0°C to 45°C
Maximum Case Temp 75°C



Order Code

CEW03LIC/N
CEW03LIC/S

Dimensions



Standard

Order Code	Output Wattage (Max)	Output Voltage	Battery	Battery Capacity	Output Current	Trade Price
CEW03LIC/N	3W	9-58Vdc	Li-ion	2600mAh	50-130mA	£98.45

Self-test

Order Code	Output Wattage (Max)	Output Voltage	Battery	Battery Capacity	Output Current	Trade Price
CEW03LIC/S	3W	20-58Vdc	Li-ion	2600mAh	50-130mA	£115.66

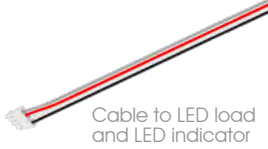
Battery

Order Code	Type	Capacity	Trade Price
KBAT2600	Li-ion	2600mAh	£47.76

3 3 Years
Standard Warranty

5 5 Years
Extended Warranty

Leads Included



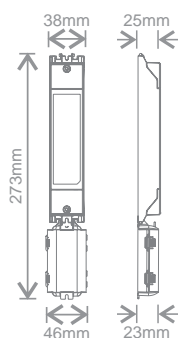
General Specification

Input Voltage 220-240Vac
50-60Hz
Input Current (max) 35mA
Emergency Conversion Time 1s
Emergency Operation Time >3h
Charging Time 12h
Battery Voltage 7.2V
Battery Life 4 Years
Ambient Temp 0°C to 45°C
Maximum Case Temp 75°C



Order Code
CEW05LBL/N
CEW05LBL/S

Dimensions



Batten EME

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

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

4 YEAR Battery warranty



LED Indicator (Self-test version)

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



Standard

Order Code	Output Wattage (Max)	Output Voltage	Battery	Battery Capacity	Output Current	Trade Price
CEW05LBL/N	5W	20-58Vdc	Li-ion	2600mAh	60-145mA	£93.80

Self-test

Order Code	Output Wattage (Max)	Output Voltage	Battery	Battery Capacity	Output Current	Trade Price
CEW05LBL/S	5W	20-58Vdc	Li-ion	2600mAh	70-125mA	£111.54

Battery

Order Code	Type	Capacity	Trade Price
KBAT2600	Li-ion	2600mAh	£47.76



Mains Emergency Module

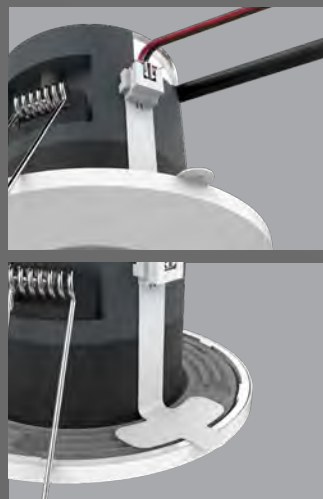
Plug & Play

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

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

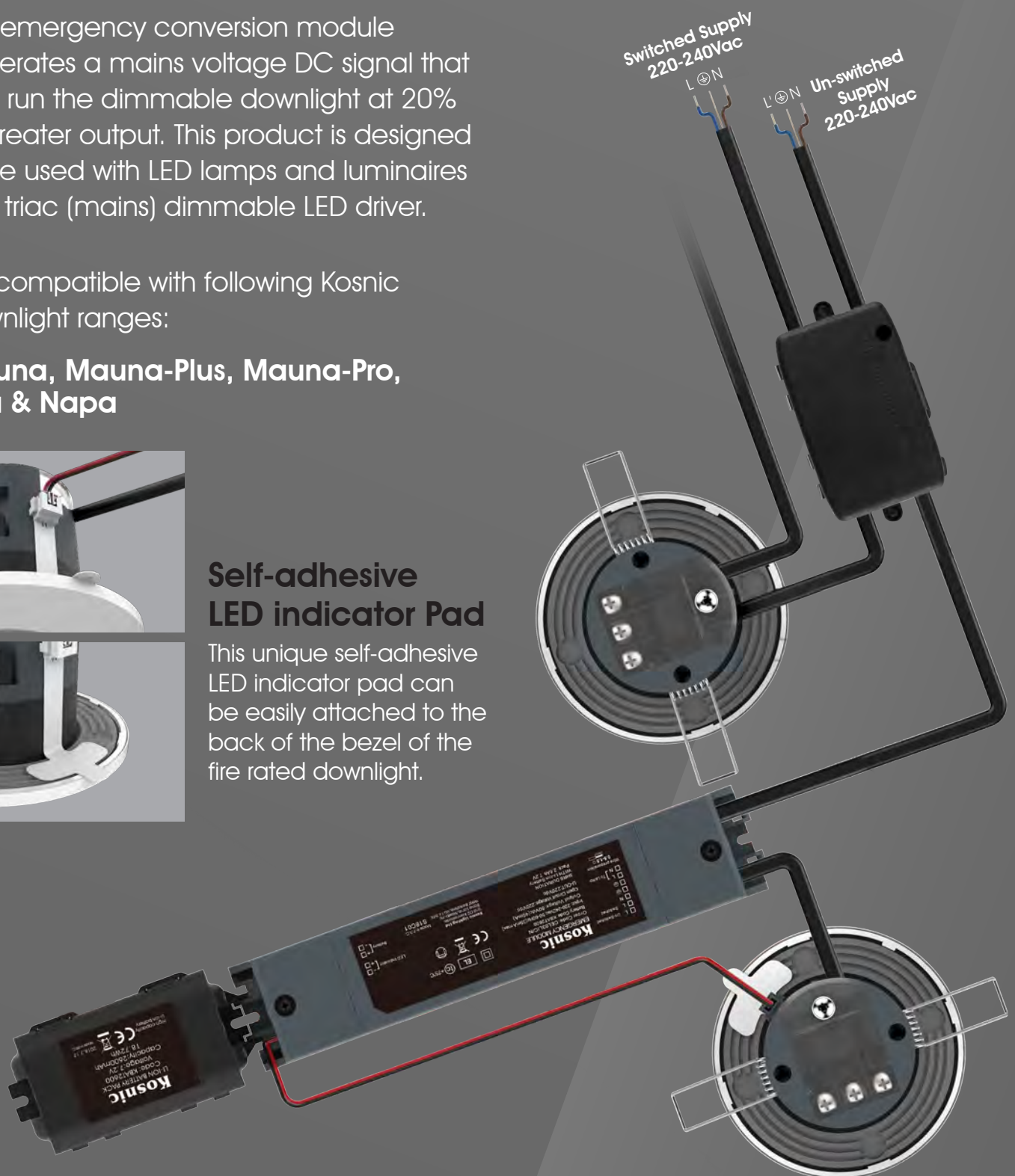
It is compatible with following Kosnic downlight ranges:

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



Self-adhesive LED indicator Pad

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



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

Mains EME

Emergency conversion module for dimmable fire-rated downlight

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

4 YEAR Battery warranty

Leads Included



Self adhesive LED indicator pad



Pug-in mains connector

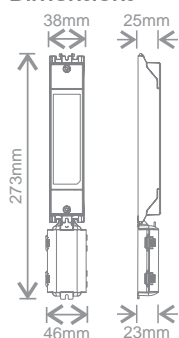
General Specification

Input Voltage	220-240Vac
Input Current (max)	40mA
Emergency Conversion Time	<1s
Emergency Operation Time	>3h
Charging Time	12h
Battery Voltage	7.2V
Battery Life	4 Years
Ambient Temp	0°C to 45°C
Maximum Case Temp	75°C



Order Code
CEL03LIC/N

Dimensions



Standard

Order Code	Output Wattage (Max)	Output Voltage	Battery	Battery Capacity	Output Current	Trade Price
CEL03LIC/N	3W	45-125Vdc	Li-ion	2200mAh	20-30mA	£85.50

Battery

Order Code	Type	Capacity	Trade Price
KBAT2200LI4	Li-ion	2200mAh	£44.73

Upgrade
Sep 2020
Self-test DD EME

DD EME

Standard & Self-test
Emergency module for Kosnic LED DD & K2D lamps

Battery warranty **4** YEAR

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



LED Indicator (Self-test version)

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



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

General Specification

Input Voltage	220-240Vac
Input Current (max)	35mA
Emergency Conversion Time	1s
Emergency Operation Time	>3h
Charging Time	12h
Battery Voltage	3.7V
Battery Life	4 Years
Ambient Temp	0°C to 45°C
Maximum Case Temp	75°C



Standard

Order Code	Max Output Wattage	Output Voltage	Battery	Battery Capacity	Output Current	Trade Price
CEC02LBL/N	2W	15-58 Vdc	Li-ion	2200mAh	35mA	£73.54

Self-test

Order Code	Max Output Wattage	Output Voltage	Battery	Battery Capacity	Output Current	Trade Price
CEC02LBL/S	2W	15-58Vdc	Li-ion	2600mAh	50mA	£77.59

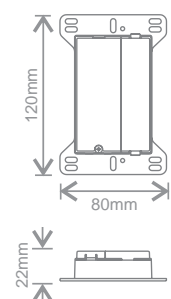
Battery (The choice of battery is dependent on the product ID of the emergency module)

Order Code	Type	Capacity	Trade Price
KBAT2200LI1 (for standard)	Li-ion	2200mAh	£38.87
KBAT2600LI1 (for self-test)	Li-ion	2600mAh	£44.73

Order Code

CEC02LBL/N
CEC02LBL/S

Dimensions



Patent

Manot All in One LED Exit Sign



Wall-mount Exit Sign

with Doorway Illumination



8 LEDs fixed to the bottom of the fitting providing door-way illumination in emergency mode.

Ceiling-mount Recessed Exit Sign



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



Wall-mount Emergency Light

with Tilting Bracket



Installation of the Manot accessories

Scan QR code for video.

Manot

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

Battery warranty

4
YEAR

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



LED Indicator (Self-test version)

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



Standard
Emergency



Self-test
Emergency

Standard (Exit sign down included)

Order Code	Mode	Power	CCT	Lumen	Trade Price
ESGN0305R65	Emergency	3W	6500K	60lm	£92.44
	Lighting	6W		150lm	

Self-test (Exit sign down included)

Order Code	Mode	Power	CCT	Lumen	Trade Price
ESGN0305R65/S	Emergency	3W	6500K	120lm	£105.71
	Lighting	6W		150lm	

Accessories (Wall-mount)

Order Code	Description	Trade Price
ESGN02-PSL	Exit Sign Left	£3.80
ESGN02-PSR	Exit Sign Right	£3.80
ESGN02-PSU	Exit Sign Up	£3.80

3 3 Years
Standard Warranty

5 5 Years
Extended Warranty

1000V
Surge Protection

General Specification

Housing Polycarbonate
 Life Time 30,000h
 Emergency Operation Time >3h
 Emergency Conversion Time 1s
 Charging Time 12h



P39
Spacing table

Order Code

ESGN0305R65
ESGN0305R65/S

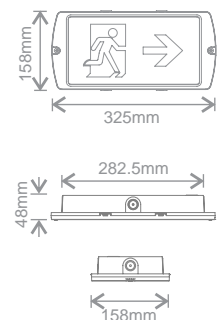
Wall-mount



Order Code

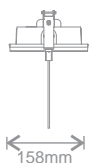
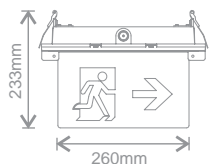
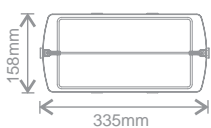
ESGN02-PSL
ESGN02-PSR
ESGN02-PSU

Dimensions

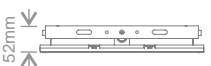
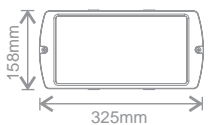


Recessed ceiling-mount**Order Code**

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	£12.17
ESGN01-PSLR	Hanging Exit Sign Left & Right	£41.57
ESGN01-PSU	Hanging Exit Sign Up	£41.57
ESGN01-PSD	Hanging Exit Sign Down	£41.57

Accessories (Tilt wall-mount)

Order Code	Description	Trade Price
ESGN-PFW	Wall-mount tilting bracket	£18.80

Battery

Order Code	Type	Capacity	Trade Price
KBAT1500NC8 (for standard)	Nickel Cadmium	1500mAh	£23.52
KBAT2600LI1 (for self-test)	Li-Ion	2600mAh	£44.73

Upgrade
Jul 2020
Black finish

Mulu

Standard/Self-test IP65 LED emergency exit sign bulkhead

Battery warranty

4
YEAR

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



3 3 Years
Standard Warranty

5 5 Years
Extended Warranty

1000V
Surge Protection



Black finish



YouTube

Unboxing of
Mulu - Scan QR
code to watch
video

General Specification

Housing Polycarbonate
Life Time 30,000h
Emergency
Operation Time >3h
Emergency
Conversion Time 1s
Charging Time 12h



P39
Spacing table

Order Code

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

Dimensions



LED Indicator (Self-test version)

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

Standard
Emergency

Self-test
Emergency

Standard (All exit legends included)

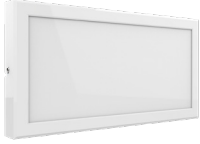
Order Code	Power	CCT	Lumen	Trade Price
EESN0105S65	5W	6500K	190lm (without graphics) 70lm (with graphics)	£49.01
EESN0105S65-BLK	5W	6500K	180lm (without graphics) 65lm (with graphics)	£49.01

Self-test (All exit legends included)

Order Code	Power	CCT	Lumen	Trade Price
EESN0105S65/S	5W	6500K	200lm (without graphics) 120lm (with graphics)	£74.94
EESN0105S65/S-BLK	5W	6500K	190lm (without graphics) 110lm (with graphics)	£74.94

Battery

Order Code	Type	Capacity	Trade Price
KBAT1500NC9 (for standard)	Nickel Cadmium	1500mAh	£13.74
KBAT2600LI1 (for self-test)	Li-Ion	2600mAh	£44.73

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

Under lights

General Specification

Housing Polycarbonate
 Life Time 30,000h
 Emergency Operation Time >3h
 Emergency Conversion Time 1s
 Charging Time 12h



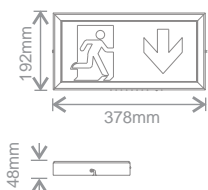
P39
 Spacing table

Order Code

EESN0105Q
 EESN0105Q/S

EESN01-PSLR
 EESN01-PSU

Dimensions



Kalem

Standard/Self-test LED panel exit sign box

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

4
YEAR

Battery warranty



LED Indicator (Self-test version)

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

 Standard
Emergency Self-test
Emergency

Standard (Exit sign down included)

Order Code	Mode	Power	CCT	Lumen	Trade Price
EESN0105Q	Emergency Lighting	1W 5W	6500K	150lm(without graphics) 80lm(with graphics)	£93.84

Self-test (Exit sign down included)

Order Code	Mode	Power	CCT	Lumen	Trade Price
EESN0105Q/S	Emergency Lighting	1W 5W	6500K	150lm(without graphics) 80lm(with graphics)	£158.62

Accessories

Order Code	Description	Trade Price
EESN01-PSLR	Exit Sign Left/Right	£5.26
EESN01-PSU	Exit Sign Up	£4.25

Battery

Order Code	Type	Capacity	Trade Price
KBAT2000LI2 (for standard)	Li-Ion	2000mAh	£38.87
KBAT2600LI1 (for self-test)	Li-Ion	2600mAh	£44.73

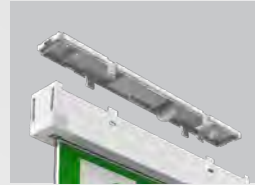
Doxa 5 in 1 Edge-lit Exit Signs



◀ Purchase separately

Ceiling suspended mount

Ceiling mount kit is provided separately, with transparent mains cable included



Ceiling surface-mount

Ceiling mount kit is provided separately, with transparent mains cable included



Wall-mount

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



◀ Purchase separately

 Upgrade
Sep 2020
Recessed kit

Recessed mount

Recess installation kit is available in various finishing, white, chrome, satin chrome & brass



Side Wall-mount

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

3 3 Years
Standard Warranty

5 5 Years
Extended Warranty



General Specification

Housing Polycarbonate
Life Time 30,000h
Emergency Operation Time >3h
Emergency Conversion Time 1s
Charging Time 12h



P39
Spacing table

Order Code

EESN0103SUS
EESN0103SUS/S
EESN02-PSLR
EESN02-PSU
EESN02-SUS
EESN02-REC/WHT
EESN02-REC/CHM
EESN02-REC/BAS
EESN02-REC/SCH

Dimensions



Doxa Upgrade
Sep 2020
Recessed kit

Standard/Self-test
Hanging exit sign with multiple mounting positions

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

4 YEAR Battery warranty



LED Indicator (Self-test version)

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



Standard (Exit sign down included)

Order Code	Mode	Power	Lumen	Trade Price
EESN0103SUS	Emergency Lighting	1W 3W	30lm 50lm	£69.13

Self-test (Exit sign down included)

Order Code	Mode	Power	Lumen	Trade Price
EESN0103SUS/S	Emergency Lighting	1W 3W	30lm 50lm	£94.43

Accessories

Order Code	Description	Trade Price
EESN02-PSLR	Exit Sign Left/Right	£17.74
EESN02-PSU	Exit Sign Up	£17.74
EESN02-SUS	Suspension kit	£19.71
EESN02-REC/WHT	Recessed kit, white	£20.02
EESN02-REC/CHM	Recessed kit, chrome	£21.03
EESN02-REC/BAS	Recessed kit, brass	£31.03
EESN02-REC/SCH	Recessed kit, satin chrome	£21.03

Battery

Order Code	Type	Capacity	Trade Price
KBAT2000LI1 (for standard)	Li-Ion	2000mAh	£38.87
KBAT2600LI1 (for self-test)	Li-Ion	2600mAh	£44.73

Upgrade
Sep 2020
Black finish

Nitro

Standard non-maintained emergency downlight

Battery warranty **4** YEAR

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



▲ Standard White



▲ Corridor White



Order Code	Lens	Power	Beam Angle	CCT	Lumen	Trade Price
EDWL03C20/STD-WHT	Standard	2.3W	45°	6500K	150lm	£56.13
EDWL03C20/STD-CHM	Standard	2.3W	45°	6500K	150lm	£58.15
EDWL03C20/STD-BAS	Standard	2.3W	45°	6500K	150lm	£58.15
EDWL03C20/STD-BLK	Standard	2.3W	45°	6500K	130lm	£56.13
EDWL03C20/COR-WHT	Corridor	2.3W	25°(Transverse) 120°(Axial)	6500K	200lm	£56.13

Battery

Order Code	Type	Capacity	Trade Price
KBAT1500NC8	Nickel Cadmium	1500mAh	£23.52

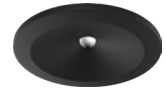
- 3** 3 Years Standard Warranty
- 5** 5 Years Extended Warranty
- 1000V** Surge Protection
- 50mm** Cut-out



Standard Brass



Standard Chrome



Standard Black

General Specification

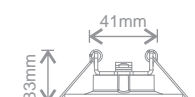
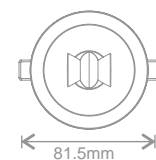
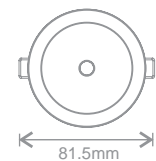
Input Voltage	220-240Vac
Input Current (max)	25mA
Life Time	30,000h
Emergency Conversion Time	1s
Emergency Operation Time	3h
Charging Time	12h
Battery Voltage	4.8V
Battery Life	4 Years
Ambient Temp	0°C to 45°C
Maximum Case Temp	75°C



Order Code

EDWL03C20/STD-WHT
EDWL03C20/STD-CHM
EDWL03C20/STD-BAS
EDWL03C20/STD-BLK
EDWL03C20/COR-WHT

Dimensions



3 3 Years
Standard Warranty

5 5 Years
Extended Warranty

1000V
Surge Protection

58mm
Cut-out

Nitro Self-test

Self-test non-maintained emergency downlight

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

4 YEAR
Battery warranty

General Specification

Input Voltage	220-240Vac 50-60Hz
Input Current (max)	25mA
Life Time	30,000h
Emergency Conversion Time	1s
Emergency Operation Time	3h
Charging Time	12h
Battery Voltage	7.2V
Battery Life	4 Years
Ambient Temp	0°C to 45°C
Maximum Case Temp	75°C



LED Indicator (Self-test version)

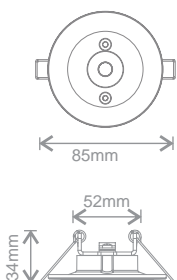
● Green	System Healthy	● Red	Battery Charging Fault
⬇ Green Flash 1 per second	Duration Test Pending	⬇ Red Flash 2 per second	Battery Duration Fault
⬆ Green Flash 2 per second	Duration Test Running	⬆ Red Flash 4 per second	Lamp or Luminaire Fault
⬆ Green Flash 4 per second	Functional Test Running		



Order Code

EDWL03C20/S-STD-WHT

Dimensions



Order Code	Lens	Power	Beam Angle	CCT	Lumen	Trade Price
EDWL03C20/S-STD-WHT	Standard	3W	45°	6000K	150lm	£74.35

Battery

Order Code	Type	Capacity	Trade Price
KBAT2200	Li-ion	2200mAh	£44.73

Upgrade
Sep 2020
Black finish

Nitro Surface

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

Battery warranty **4** YEAR

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



LED Indicator (Self-test version)

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



Standard

Order Code	Finish	Power	Beam Angle	CCT	Lumen	Trade Price
ESFC03CS20/STD	White	2.3W	45°	6500K	150lm	£71.24
ESFC03CS20/STD-BLK	Black	2.3W	45°	6500K	130lm	£81.24

Self-test

Order Code	Finish	Power	Beam Angle	CCT	Lumen	Trade Price
ESFC03CS20/S-STD	White	3.3W	45°	6000K	170lm	£77.46
ESFC03CS20/S-STD-BLK	Black	3.3W	45°	6000K	150lm	£88.34

Battery

Order Code	Type	Capacity	Trade Price
KBAT2200LI1 (for standard)	Li-ion	2200mAh	£38.87
KBAT2600LI1 (for self-test)	Li-ion	2600mAh	£44.73

3 3 Years Standard Warranty

5 5 Years Extended Warranty

1000V Surge Protection

Upgrade
Sep 2020



General Specification

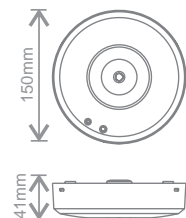
Input Voltage	220-240Vac 50-60Hz
Input Current (max)	27mA
Life Time	30,000h
Emergency Conversion Time	1s
Emergency Operation Time	3h
Charging Time	12h
Battery Voltage	3.7V
Battery Life	4 Years
Ambient Temp	0°C to 45°C
Maximum Case Temp	75°C



Order Code

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

Dimensions



3 3 Years
Standard Warranty

5 5 Years
Extended Warranty

⚡ 1000V
Surge Protection

Orda

Twin spot emergency light

- Twin fully adjustable heads allow best light coverage
- Non-maintained, >3hrs
- IP65 option

4 YEAR Battery warranty

General Specification

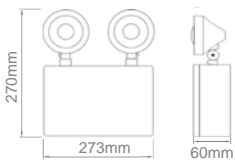
Voltage	220-240Vac 50-60Hz
Life Time	40,000h
Power Factor	>0.60
Emergency Conversion Time	1s
Emergency Operation Time	3h
Charging Time	24h
Battery Life	4 Years
Ambient Temp	-10°C to 40°C



Order Code

KEMLO3TS2

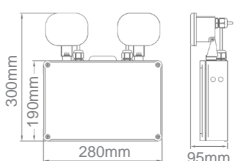
Dimensions



Order Code

KEMLO7TS1

Dimensions



IP20, Class II

Order Code	Power	Battery	Battery Capacity	Beam Angle	CCT	Lumen	Trade Price
KEMLO3TS2	3W	Nickel Cadmium	1800mAh	120°	6500K	320lm	£103.11

IP65, Class II

Order Code	Power	Battery	Battery Capacity	Beam Angle	CCT	Lumen	Trade Price
KEMLO7TS1	7W	Nickel Cadmium	2200mAh	150°	6000K	470lm	£195.84

Battery

Order Code	Type	Capacity	Trade Price
KBAT1800TS (for KEMLO3TS2)	Nickel Cadmium	1800mAh	£37.99
KBAT2200TS (for KEMLO7TS1)	Nickel Cadmium	2200mAh	£79.74

NEW Available
Sep 2020

Orda II

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

Battery warranty **4** YEAR



- High efficiency of 157lm/W

- High output of 470lm, replaces previous model of 7W Orda
- Ceiling mount option and accessories included
 - Compact in size
- Twin fully adjustable heads allow best light coverage
 - IP65, IK10
- Options of white and black finish

3 3 Years
Standard Warranty

5 5 Years
Extended Warranty

2000V
Surge Protection



Mounting on trunking

General Specification

Input Voltage	220-240Vac
Input Current (max)	35mA
Life Time	40,000h
Emergency Conversion Time	1s
Emergency Operation Time	3h
Charging Time	12h
Battery Voltage	7.4V (Standard) 3.7V (Self-test)
Battery Life	4 Years
Ambient Temp	0°C to 45°C
Maximum Case Temp	75°C

LED Indicator (Self-test version)

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



Standard

Order Code	Power	Battery	Battery Capacity	Beam Angle	Finish	CCT	Lumen	Trade Price
KEML03TS3	3W	Li-ion	2600mAh	Asymmetric 50°	White Black	6000K	470lm	£132.42

Self-test

Order Code	Power	Battery	Battery Capacity	Beam Angle	Finish	CCT	Lumen	Trade Price
KEML03TS3/S	3W	Li-ion	5200mAh	Asymmetric 50°	White Black	6000K	470lm	£138.49

Battery

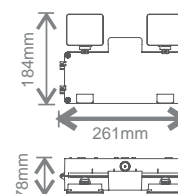
Order Code	Type	Capacity	Trade Price
KBAT2600LI2 (for standard)	Li-ion	2600mAh	£31.57
KBAT5200LI2 (for self-test)	Li-ion	5200mAh	£66.00



Order Code

KEML03TS3-WHT
KEML03TS3-BLK
KEML03TS3/S-WHT
KEML03TS3/S-BLK

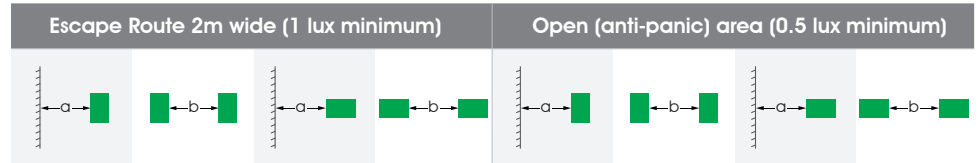
Dimensions



Emergency lighting spacing table guide

Lumen: 190lm
Lumen (w/ Exit Sign): 70lm

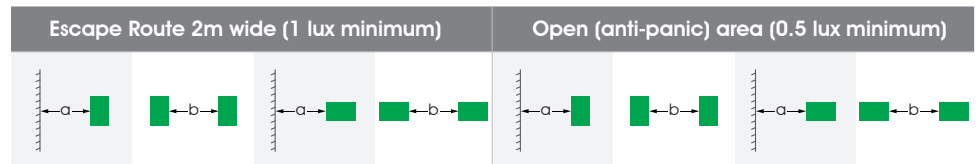
EESN0105S65 Emergency Mode



Luminaire Type	Mounting Height (m)	Lux Level directly under*	Escape Route 2m wide (1 lux minimum)				Open (anti-panic) area (0.5 lux minimum)			
			Transverse to wall (m)	Transverse to transverse (m)	Axial to wall (m)	Axial to axial (m)	Transverse to wall (m)	Transverse to transverse (m)	Axial to wall (m)	Axial to axial (m)
Without Exit Sign										
EESN0105S65	2.5m	11.8 lux	3.5m	8.5m	3.6m	9.2m	4.3m	10.3m	4.5m	11.3m
	3m	8.16 lux	3.7m	9.2m	3.8m	9.8m	4.6m	11.2m	4.8m	12.2m
	4m	5.98 lux	3.8m	9.7m	3.9m	10.3m	4.9m	12m	5.1m	12.9m
With Exit Sign										
EESN0105S65	2.5m	4.34 lux	3m	6.2m	3m	6.5m	3.1m	7.8m	3.2m	8.3m
	3m	3.01 lux	3m	6.5m	3m	6.8m	3.3m	8.39m	3.3m	8.8m
	4m	2.2 lux	3m	6.7m	3m	6.9m	3.4m	8.8m	3.4m	9.2m

Lumen: 140lm
Lumen (w/ Flush Mounted Exit Sign): 70lm
Lumen (w/ Hanging Exit Sign): 90lm

ESGN0305R65 Emergency Mode

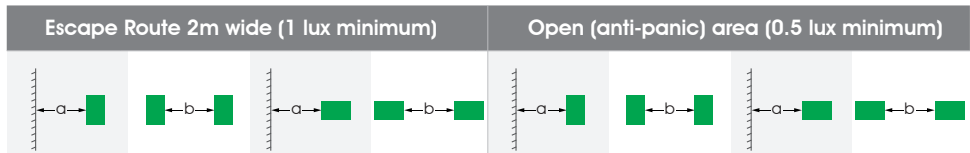


Luminaire Type	Mounting Height (m)	Lux Level directly under*	Escape Route 2m wide (1 lux minimum)				Open (anti-panic) area (0.5 lux minimum)			
			Transverse to wall (m)	Transverse to transverse (m)	Axial to wall (m)	Axial to axial (m)	Transverse to wall (m)	Transverse to transverse (m)	Axial to wall (m)	Axial to axial (m)
Without Exit Sign										
ESGN0305R65	2.5m	8.73 lux	3.2m	8.1m	3.2m	8.2m	4m	9.89m	4.1m	10.1m
	3m	6.05 lux	3.3m	8.7m	3.4m	8.8m	4.3m	10.7m	4.3m	10.9m
	4m	4.44 lux	3.4m	9.1m	3.4m	9.2m	4.5m	11.4m	4.5m	11.6m
With Flush Mounted Exit Sign										
ESGN0305R65	2.5m	3.74 lux	3m	6.2m	3m	6.1m	3m	7.7m	3m	7.8m
	3m	2.59 lux	3m	6.3m	3m	6.4m	3.1m	8.2m	3.1m	8.3m
	4m	1.90 lux	3m	6.4m	3m	6.5m	3.2m	8.6m	3.2m	8.7m
With Hanging Exit Sign										
ESGN0305R65	2.5m	5.62 lux	3m	7m	3m	7.1m	3.5m	8.7m	3.5m	8.89m
	3m	3.89 lux	3m	7.4m	3m	7.5m	3.7m	9.39m	3.7m	9.5m
	4m	2.85 lux	3m	7.7m	3m	7.8m	3.8m	9.89m	3.8m	10m



EDWL03C20/STD Emergency Mode

Lumen: 500lm

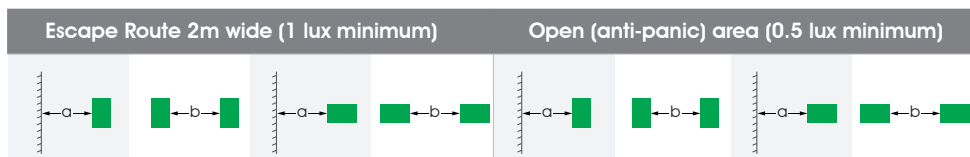


Luminaire Type	Mounting Height (m)	Lux Level directly under*	Transverse to wall (m)	Transverse to transverse (m)	Axial to wall (m)	Axial to axial (m)	Transverse to wall (m)	Transverse to transverse (m)	Axial to wall (m)	Axial to axial (m)
EDWL03C20/STD	2.5m	29.1 lux	3m	6.1m	3m	6.1m	3m	8.1m	3m	8.1m
	3m	20.2 lux	3m	6.2m	3m	6.2m	3.1m	8.3m	3.1m	8.3m
	4m	11.4 lux	3m	6.5m	3m	6.5m	3.2m	8.7m	3.2m	8.7m
	6m	5.05 lux	3m	7.4m	3m	7.4m	3.7m	9.39m	3.7m	9.39m



EDWL03C20/COR Emergency Mode

Lumen: 200lm

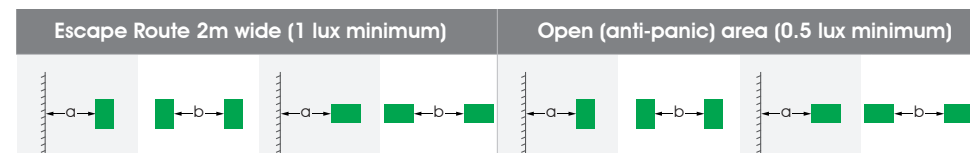


Luminaire Type	Mounting Height (m)	Lux Level directly under*	Transverse to wall (m)	Transverse to transverse (m)	Axial to wall (m)	Axial to axial (m)	Transverse to wall (m)	Transverse to transverse (m)	Axial to wall (m)	Axial to axial (m)
EDWL03C20/COR	2.5m	28.4 lux	3m	6.7m	5m	9.89m	3.2m	9m	5.9m	10.9m
	3m	19.7 lux	3m	6.4m	5.5m	10.9m	3.2m	9.39m	6.5m	11.9m
	4m	11.1 lux	2.9m	6.1m	6.3m	12.9m	3m	9.39m	7.6m	14.9m
	6m	4.93 lux	2.9m	6.1m	7.2m	16.9m	3m	8.2m	9.1m	18.9m



KLED2328PNL Emergency Mode

Lumen: 500lm

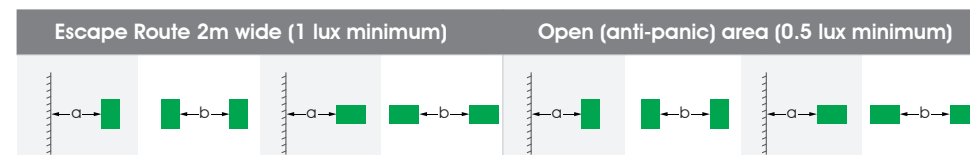


Luminaire Type	Mounting Height (m)	Lux Level directly under*	Transverse to wall (m)	Transverse to transverse (m)	Axial to wall (m)	Axial to axial (m)	Transverse to wall (m)	Transverse to transverse (m)	Axial to wall (m)	Axial to axial (m)
KLED2328PNL	2.5m	27.5 lux	4.9m	12m	4.9m	12m	6m	14.5m	6m	14.5m
	3m	19.1 lux	5.3m	13m	5.3m	13m	6.5m	15.8m	6.5m	15.8m
	4m	10.8 lux	5.8m	14.6m	5.8m	14.6m	7.3m	18m	7.3m	18m
	6m	4.8 lux	6.3m	16.79m	6.3m	16.79m	8.39m	21.2m	8.39m	21.2m



KLED3627PNL Emergency Mode

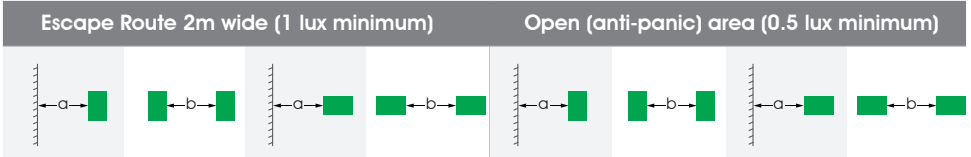
Lumen: 520lm



Luminaire Type	Mounting Height (m)	Lux Level directly under*	Transverse to wall (m)	Transverse to transverse (m)	Axial to wall (m)	Axial to axial (m)	Transverse to wall (m)	Transverse to transverse (m)	Axial to wall (m)	Axial to axial (m)
KLED3627PNL	2.5m	42.8 lux	4.1m	10m	4.19m	10.2m	5m	12.1m	5.1m	12.3m
	3m	29.8 lux	4.5m	10.9m	4.6m	11.2m	5.4m	13.1m	5.6m	13.4m
	4m	16.8 lux	5.1m	12.4m	5.3m	12.7m	6.2m	15m	6.3m	15.4m
	6m	7.49 lux	6.1m	14.9m	6.3m	15.3m	7.4m	18m	7.7m	18.5m

KLED30PNL Emergency Mode

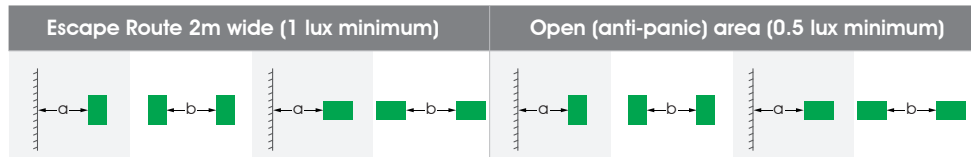
Lumen: 500lm



Luminaire Type	Mounting Height (m)	Lux Level directly under*	Escape Route 2m wide (1 lux minimum)				Open (anti-panic) area (0.5 lux minimum)			
			Transverse to wall (m)	Transverse to transverse (m)	Axial to wall (m)	Axial to axial (m)	Transverse to wall (m)	Transverse to transverse (m)	Axial to wall (m)	Axial to axial (m)
KLED30PNL	2.5m	27.2 lux	4.9m	12m	4.9m	12m	6m	14.5m	6m	14.5m
	3m	19 lux	5.3m	13m	5.3m	13m	6.5m	15.8m	6.5m	15.8m
	4m	10.7 lux	5.8m	14.6m	5.8m	14.6m	7.3m	18m	7.3m	18m
	6m	4.76 lux	6.3m	16.79m	6.3m	16.79m	8.39m	21.2m	8.39m	21.2m

KLED40PNL Emergency Mode

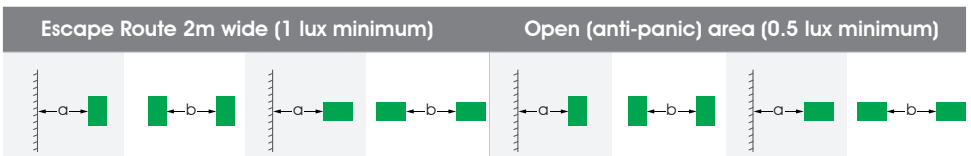
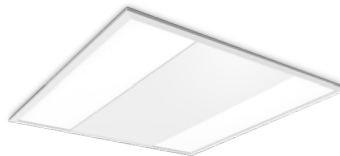
Lumen: 500lm



Luminaire Type	Mounting Height (m)	Lux Level directly under*	Escape Route 2m wide (1 lux minimum)				Open (anti-panic) area (0.5 lux minimum)			
			Transverse to wall (m)	Transverse to transverse (m)	Axial to wall (m)	Axial to axial (m)	Transverse to wall (m)	Transverse to transverse (m)	Axial to wall (m)	Axial to axial (m)
KLED40PNL	2.5m	27.9 lux	4.9m	11.9m	4.9m	11.9m	5.9m	14.4m	6m	14.5m
	3m	19.4 lux	5.2m	12.9m	5.3m	13m	6.4m	15.7m	6.5m	15.8m
	4m	11 lux	5.8m	14.5m	5.8m	14.7m	7.2m	17.79m	7.3m	18m
	6m	4.89 lux	6.3m	16.7m	6.4m	16.79m	8.3m	21m	8.39m	21.2m

KTWB3040PNL Emergency Mode

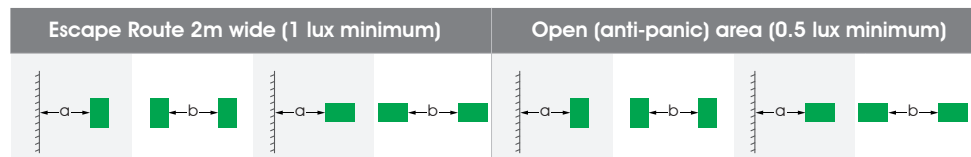
Lumen: 280lm



Luminaire Type	Mounting Height (m)	Lux Level directly under*	Escape Route 2m wide (1 lux minimum)				Open (anti-panic) area (0.5 lux minimum)			
			Transverse to wall (m)	Transverse to transverse (m)	Axial to wall (m)	Axial to axial (m)	Transverse to wall (m)	Transverse to transverse (m)	Axial to wall (m)	Axial to axial (m)
KTWB3040PNL	2.5m	15.7 lux	4.1m	10.2m	4.1m	10.2m	5.1m	12.3m	5.1m	12.3m
	3m	11 lux	4.3m	11m	4.3m	10.9m	5.5m	13.4m	5.4m	13.4m
	4m	6.2 lux	4.69m	12.1m	4.69m	12.1m	6m	15.2m	6m	15.1m
	6m	2.76 lux	4.69m	13.4m	4.69m	13.4m	6.7m	17.5m	6.7m	17.5m

KBHDDC6S65 (w/ KLED12STD) Emergency Mode

Lumen: 260lm

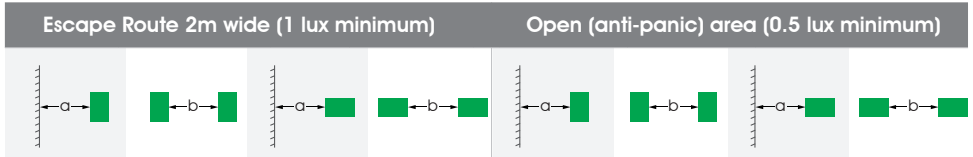


Luminaire Type	Mounting Height (m)	Lux Level directly under*	Escape Route 2m wide (1 lux minimum)				Open (anti-panic) area (0.5 lux minimum)			
			Transverse to wall (m)	Transverse to transverse (m)	Axial to wall (m)	Axial to axial (m)	Transverse to wall (m)	Transverse to transverse (m)	Axial to wall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



KBHDDC6S65 (w/ KLED18STD) Emergency Mode

Lumen: 297lm

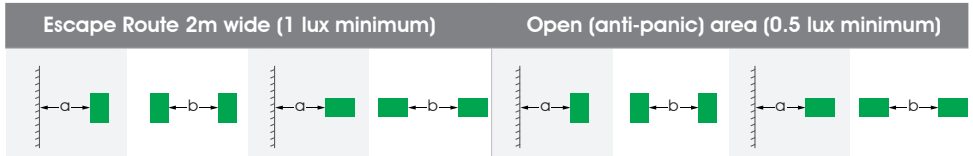


Luminaire Type	Mounting Height (m)	Lux Level directly under*	Escape Route 2m wide (1 lux minimum)				Open (anti-panic) area (0.5 lux minimum)			
			Transverse to wall (m)	Transverse to transverse (m)	Axial to wall (m)	Axial to axial (m)	Transverse to wall (m)	Transverse to transverse (m)	Axial to wall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



KBHCT12C6S65/E Emergency Mode

Lumen: 120lm

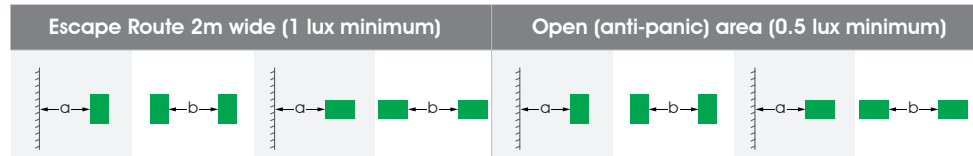


Luminaire Type	Mounting Height (m)	Lux Level directly under*	Escape Route 2m wide (1 lux minimum)				Open (anti-panic) area (0.5 lux minimum)			
			Transverse to wall (m)	Transverse to transverse (m)	Axial to wall (m)	Axial to axial (m)	Transverse to wall (m)	Transverse to transverse (m)	Axial to wall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



KCDLLS08FR65 Emergency Mode

Lumen: 180lm

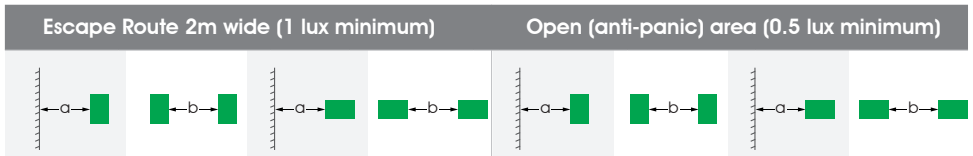


Luminaire Type	Mounting Height (m)	Lux Level directly under*	Escape Route 2m wide (1 lux minimum)				Open (anti-panic) area (0.5 lux minimum)			
			Transverse to wall (m)	Transverse to transverse (m)	Axial to wall (m)	Axial to axial (m)	Transverse to wall (m)	Transverse to transverse (m)	Axial to wall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



KCDL1006FR65 Emergency Mode

Lumen: 250lm

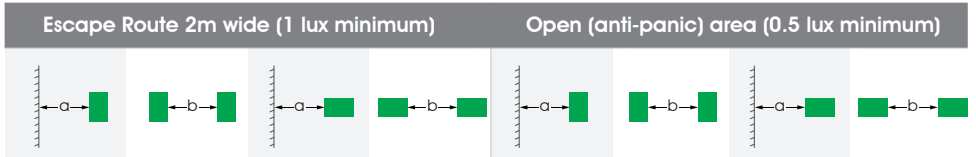


Luminaire Type	Mounting Height (m)	Lux Level directly under*	Escape Route 2m wide (1 lux minimum)				Open (anti-panic) area (0.5 lux minimum)			
			Transverse to wall (m)	Transverse to transverse (m)	Axial to wall (m)	Axial to axial (m)	Transverse to wall (m)	Transverse to transverse (m)	Axial to wall (m)	Axial to axial (m)
KCDL1006FR65	2.5m	29.8 lux	3.1m	7.4m	3.1m	7.4m	3.7m	8.7m	3.7m	8.7m
	3m	20.7 lux	3.4m	8.1m	3.4m	8.1m	4m	9.6m	4m	9.6m
	4m	11.6 lux	3.9m	9.3m	3.9m	9.3m	4.6m	11.1m	4.6m	11.1m
	6m	5.17 lux	4.69m	11.4m	4.69m	11.4m	5.7m	13.6m	5.7m	13.6m



KCDL2016FR65 Emergency Mode

Lumen: 300lm

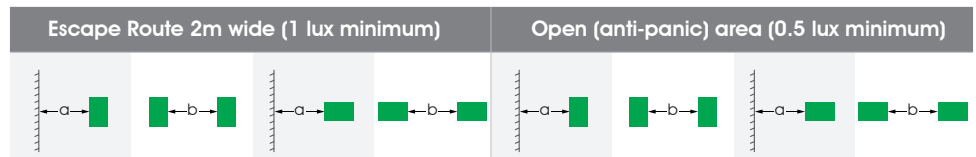


Luminaire Type	Mounting Height (m)	Lux Level directly under*	Escape Route 2m wide (1 lux minimum)				Open (anti-panic) area (0.5 lux minimum)			
			Transverse to wall (m)	Transverse to transverse (m)	Axial to wall (m)	Axial to axial (m)	Transverse to wall (m)	Transverse to transverse (m)	Axial to wall (m)	Axial to axial (m)
KCDL2016FR65	2.5m	26.7 lux	3.6m	8.39m	3.6m	8.39m	4.19m	9.7m	4.19m	9.7m
	3m	18.5 lux	3m	9.39m	4m	9.39m	4.69m	10.8m	4.69m	10.8m
	4m	10.4 lux	4.6m	11m	4.6m	11m	5.5m	12.8m	5.5m	12.8m
	6m	4.63 lux	5.3m	13.3m	5.3m	13.3m	6.6m	16m	6.6m	16m



KCDL2622FR65 Emergency Mode

Lumen: 340lm



Luminaire Type	Mounting Height (m)	Lux Level directly under*	Escape Route 2m wide (1 lux minimum)				Open (anti-panic) area (0.5 lux minimum)			
			Transverse to wall (m)	Transverse to transverse (m)	Axial to wall (m)	Axial to axial (m)	Transverse to wall (m)	Transverse to transverse (m)	Axial to wall (m)	Axial to axial (m)
KCDL2622FR65	2.5m	25.7 lux	3.9m	9.2m	3.9m	9.2m	4.6m	10.5m	4.6m	10.5m
	3m	17.8 lux	4.3m	10.2m	4.3m	10.2m	5.1m	11.8m	5.1m	11.8m
	4m	10 lux	5m	12m	5m	12m	6m	14m	6m	14m
	6m	4.45 lux	5.6m	14.5m	5.6m	14.5m	7.2m	17.5m	7.2m	17.5m



Panel
&
Modular Luminaire



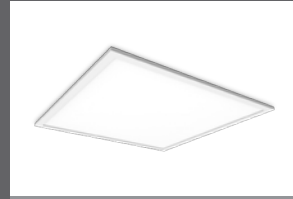
Alden 48



Alden-Pro 49



Kali-Pro 51



Kali-Standard 52



Kali-Surface Mount 55



Twin Bar 56



Nevis 57



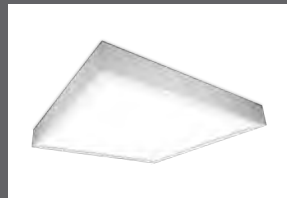
Recessed Motion Sensor 58



Presence Sensor 59



Daylight Harvesting Control 60



Fixing Accessories 61



Kurve 62



Pyramid II 63



Dimmable Driver 64



EasyLINK^{RF} 66

Panel Comparison



Kali-Pro

595x595mm TP(a)		595x595mm TP(b)	
4000lm (36W) (Default)	3100lm (27W) (Alternative)	3000lm (23W) (Default)	3300lm (28W) (Alternative)

4000K	Wattage Switching	Plug & Play Emergency	Daylight Harvesting	1-10V
6500K				DALI
UGR <17	Flicker Free	Motion Sensor		Easylink RF

595x595mm	
3000lm (30W)	TP(b)
3200lm (30W)	
3000K	4000K
6500K	

595x595mm	
4200lm (40W)	TP(b)
495x495mm	
3200lm (30W)	TP(b)
4000K	6500K

295x1195mm TP(b)	
3000lm (30W) (Default)	4000lm (40W) (Alternative)
595x1195mm TP(b)	
6300lm (60W) (Default)	7500lm (80W) (Alternative)
4000K	6500K
Wattage Switching	



Kali-Standard

Flicker Free	Plug & Play Emergency	Daylight Harvesting <small>(Not for KLED6080PNL)</small>	1-10V
	Motion Sensor		DALI
			Easylink RF



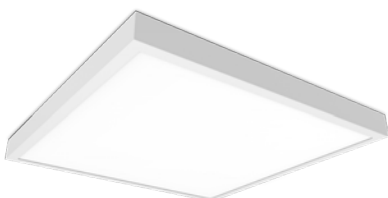
Alden-Pro

595x595mm		3000K 4000K 6500K CCT Switching
3200lm (30W)	TP(a)	
Plug & Play Emergency		Flicker Free
		1-10V
		DALI
		Easylink RF

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



Alden



Kali-Surface Mount

595x595mm		Plug & Play Emergency
3200lm (30W)	TP(b)	
4000K		Motion Sensor
		Daylight Harvesting
		1-10V
		DALI
		Easylink RF



Twin Bar

595x595mm		TP(b)	Plug & Play Emergency
3200lm (30W) (Default)	4200lm (40W) (Alternative)		
4000K	6500K	Motion Sensor	
Wattage Switching		1-10V	
Flicker Free		DALI	
		Easylink RF	



Pyramid II

595x595mm		Plug & Play Emergency
2900lm (30W)	TP(b)	
4000K		1-10V
Flicker Free		DALI
		Easylink RF

LED Panels & Fire Safety

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

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



Alden

Kalli-Pro

Alden-Pro

How does a diffuser burn?

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



NEW Available Apr 2020
Alden

Backlit LED panel with emergency option

Plug-in emergency 

Flicker free 

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



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



Optional Connector
KCON3FM

General Specification

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



Order Code	Power	Dimension	CCT	Lumen	Trade Price
KPNL30BL1-W40	30W	595x595	4000K	3200lm	£60.66

Optional Gear

Type	Order Code	Description	Trade Price
Dimmable driver	CYC030TDC25-70	Configurable DALI & 1-10V Dimmable Driver	£90.79
Emergency module	CEW03LIL/N	UEM, 3W, li-ion battery	£97.77
Self-test emergency module	CEW03LIL/S	Self-test UEM, 3W, li-ion battery	£115.04

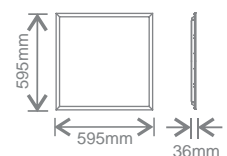
Accessories

Type	Order Code	Description	Trade Price
Suspension Kit	KTPNL/SUS0606	595*595mm Suspension set	£10.49
Connector	KCON3FM	Junction Box Connector - 3 Pin + Loop	£6.84

Order Code

KPNL30BL1-W40

Dimensions



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



Optional Connector
KCON3FM

General Specification

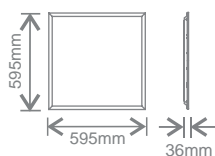
Voltage 220-240Vac
50-60Hz
CRI >80
Life Time 40,000h
Power Factor >0.95
Ambient Temp -20°C to 40°C
Housing Powder coated aluminum
Diffuser TP(a)



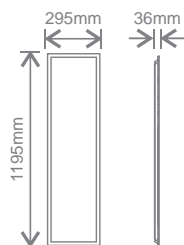
Order Code

KPNL30BL2/SCT
KPNL3040BL2/1203-W40
KPNL5472BL2/1206-W40

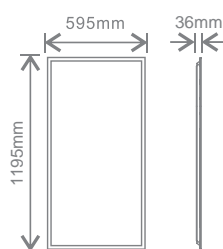
Dimensions



KPNL30BL2/SCT



KPNL3040BL2/1203



KPNL5472BL2/1206

Alden-Pro

NEW Available Apr 2020
595mm X 595mm

Switchable CCT / wattage backlit LED panel with emergency option

- Switchable CCT (3000K/4000K/6500K) for 595mm x 595mm model
- Switchable wattage for 1195mm x 595mm and 1195mm x 295mm models
- TP(a) rated diffuser
- Square edge tray with robust structure to allow even light distribution around the edge
- DALI, 1-10V and PUSH alternative driver available
- IP44 when ceiling recess mounted
- Flicker free
- UGR < 19

E Plug-in emergency

CCT CCT switching

Watt Wattage switching

Flicker free



Order Code	Power	Dimension	CCT	Lumen	Trade Price
KPNL30BL2/SCT	30W	595x595	Switchable*	3200lm (3000K)	£80.97
				3400lm (4000K)	
				3400lm (6500K)	

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

NEW Available Sep 2020

Order Code	Default Power	Alternative Power	Dimension	CCT	Lumen	Trade Price
KPNL3040BL2/1203	30W	-	1195x295mm	4000K	3240lm	£82.38
	-	40W	1195x295mm	4000K	4160lm	
KPNL5472BL2/1206	54W	-	1195x595mm	4000K	6350lm	£203.81
	-	72W	1195x595mm	4000K	8170lm	

Optional Gear

Type	Order Code	Description	Trade Price
Dimmable driver	CYC030TDC25-70	Configurable DALI & 1-10V Dimmable Driver for KPNL30BL2	£90.79
Dimmable driver	CYC050TDC70-140	Configurable DALI & 1-10V Dimmable Driver for KPNL3040BL2 (2 x dimmable driver for KPNL5472BL2)	£105.18
Emergency module	CEW03LIL/N	UEM, 3W, li-ion battery	£97.77
Self-test emergency module	CEW03LIL/S	Self-test UEM, 3W, li-ion battery	£115.04

Accessories

Type	Order Code	Description	Trade Price
Suspension Kit	KTPNL/SUS0606	595*595mm Suspension set	£10.49
Suspension kits	KTPNL/SUS1203	295x1195mm Suspension set	£15.79
Suspension kits	KTPNL/SUS1206	595x1195mm Suspension set	£15.79
Connector	KCON3FM	Junction Box Connector - 3 Pin + Loop	£6.84

Daylight Harvesting

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



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

– Paul Turner, Manager at ETC Electrical

Shropshire Star case study

Location: Shropshire

Solution: 84x 30w Kali Panel and 60x Daylight harvesting controls

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

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 diffuser
- Flicker free
- Optional DALI, 1-10V driver
- IP44 when ceiling recess mounted
- White powder coated aluminium frame

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



Optional Connector
KCON3FM



General Specification

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



Ultra-Low Glare (UGR<17*)

Order Code	Default Power	Alternative Power	Dimension	CCT	Lumen	Trade Price
KLED3627PNL	36W	-	595x595mm	4000K 6500K	4000lm	£128.15
	-	27W	595x595mm	4000K 6500K	3100lm	

Highly Efficient (>130lm/w)

Order Code	Default Power	Alternative Power	Dimension	CCT	Lumen	Trade Price
KLED2328PNL	23W	-	595x595mm	4000K 6500K	3000lm	£107.38
	-	28W	595x595mm	4000K 6500K	3400lm	

Optional Gear

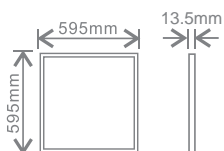
Type	Order Code	Description	Trade Price
Dimmable driver	CYC050TDC70-140	Configurable DALI & 1-10V Dimmable Driver for KLED3627PNL	£105.18
Dimmable driver	CYC030TDC25-70	Configurable DALI & 1-10V Dimmable Driver for KLED2328PNL	£90.79
Emergency module	CEW03LIL/N	UEM, 3W, li-ion battery	£97.77
Self-test emergency module	CEW03LIL/S	Self-test UEM, 3W, li-ion battery	£115.04
Presence sensor	CYS-PRS-PNL	Presence sensor dedicated to LED panel	£53.20
Daylight Harvesting	CYS50DLH-PNL	Daylight harvesting control unit	£100.14

Accessories

Type	Order Code	Description	Trade Price
Surface mount frame	KPTPNL/SMT-WHT0606	595x595mm surface-mount frame, white	£37.62
Suspension kits	KPTPNL/SUS0606	595x595mm Suspension set	£10.49
Connector	KCON3FM	Junction Box Connector - 3 Pin + Loop	£6.84

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

Dimensions



Order Code

KLED3627PNL-W40
KLED3627PNL-W65
KLED2328PNL-W40
KLED2328PNL-W65

Kali-Standard

(595 x 595mm)

Flicker free LED panels for schools and offices

Plug-in emergency 

Plug-in on/off sensor 

Flicker free 

Modular design 

- 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



5 5 Years Standard Warranty

7 7 Years Extended Warranty

1000V Surge Protection

DALI & 1-10V Dimmable Options



Optional Connector
KCON3FM

General Specification

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



Order Code	Power	Dimension	CCT	Lumen	Trade Price
KLED30PNL	30W	595x595mm	3000K	3000lm	£75.04
			4000K	3200lm	
			6500K	3200lm	
KLED40PNL	40W	595x595mm	4000K	4200lm	£100.39
			6500K		

Optional Gear

Type	Order Code	Description	Trade Price
Dimmable driver	CYC030TDC25-70	Configurable DALI & 1-10V Dimmable Driver for KLED30PNL	£90.79
Dimmable driver	CYC050TDC70-140	Configurable DALI & 1-10V Dimmable Driver for KLED40PNL	£105.18
Emergency module	CEW03LIL/N	UEM, 3W, li-ion battery	£97.77
Self-test emergency module	CEW03LIL/S	Self-test UEM, 3W, li-ion battery	£115.04
Presence sensor	CYS-PRS-PNL	On/off presence sensor dedicated to LED panel	£53.20
Daylight harvesting	CYS50DLH-PNL	Daylight harvesting control unit	£100.14

Accessories

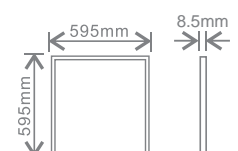
Type	Order Code	Description	Trade Price
Surface mount frame	KTPNL/SMT-WHT0606	595x595mm surface-mount frame, white	£37.62
Suspension kits	KTPNL/SUS0606	595x595mm Suspension set	£10.49
Connector	KCON3FM	Junction Box Connector - 3 Pin + Loop	£6.84

* 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



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



Optional Connector
KCON3FM

General Specification

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

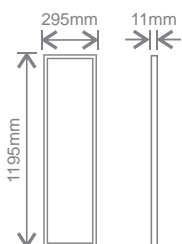
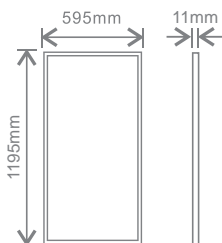


Order Code

KLED3040PNL1203-W40
KLED3040PNL1203-W65

KLED6080PNL-W40
KLED6080PNL-W65

Dimensions



Kali-Standard

(295 x 1195mm, 595 x 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

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



Order Code	Default Power	Alternative Power	Dimension	CCT	Lumen	Trade Price
KLED3040PNL1203	30W	-	295x1195mm	4000K 6500K	3000lm	£120.79
	-	40W	295x1195mm	4000K 6500K	4000lm	
KLED6080PNL	60W	-	595x1195mm	4000K 6500K	6300lm	£285.26
	-	80W	595x1195mm	4000K 6500K	7500lm	

Optional Gear

Type	Order Code	Description	Trade Price
Dimmable driver	CYC050TDC70-140	Configurable DALI & 1-10V Dimmable Driver (2 x dimmable driver for KLED6080PNL)	£105.18
Emergency module	CEW03LIL/N	UEM, 3W, li-ion battery	£97.77
Self-test emergency module	CEW03LIL/S	Self-test UEM, 3W, li-ion battery	£115.04
Presence sensor	CYS-PRS-PNL	On/off presence sensor dedicated to LED panel	£53.20
Daylight harvesting	CYS50DLH-PNL	Daylight harvesting control unit for KLED3040PNL1203	£100.14

Accessories

Type	Order Code	Description	Trade Price
Surface mount frame	KTPNL/SMT-WHT1203	295x1195mm surface-mount frame, white	£59.03
Surface mount frame	KTPNL/SMT-WHT1206	595x1195mm surface-mount frame, white	£69.37
Suspension kits	KTPNL/SUS1203	295x1195mm Suspension set	£15.79
Suspension kits	KTPNL/SUS1206	595x1195mm Suspension set	£15.79
Connector	KCON3FM	Junction Box Connector - 3 Pin + Loop	£6.84

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

Kali-Standard

(495 x 495mm)

Flicker free LED panels for schools and offices

Plug-in emergency 

Plug-in on/off sensor 

Flicker free 

Modular design 

- 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

5 5 Years Standard Warranty

7 7 Years Extended Warranty

1000V Surge Protection

DALI & 1-10V Dimmable Options



Optional Connector
KCON3FM



General Specification

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



Order Code	Power	Dimension	CCT	Lumen	Trade Price
KLED30PNL0505	30W	495x495mm	4000K 6500K	3200lm	£89.18

Optional Gear

Type	Order Code	Description	Trade Price
Dimmable driver	CYC030TDC25-70	Configurable DALI & 1-10V Dimmable Driver	£90.79
Emergency module	CEW03LIL/N	UEM, 3W, li-ion battery	£97.77
Self-test emergency module	CEW03LIL/S	Self-test UEM, 3W, li-ion battery	£115.04
Presence sensor	CYS-PRS-PNL	On/off presence sensor dedicated to LED panel	£53.20
Daylight harvesting	CYS50DLH-PNL	Daylight harvesting control unit	£100.14

Accessories

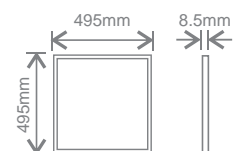
Type	Order Code	Description	Trade Price
Connector	KCON3FM	Junction Box Connector - 3 Pin + Loop	£6.84

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

Order Code

KLED30PNL0505-W40
KLED30PNL0505-W65

Dimensions







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

Kali-Surface Mount

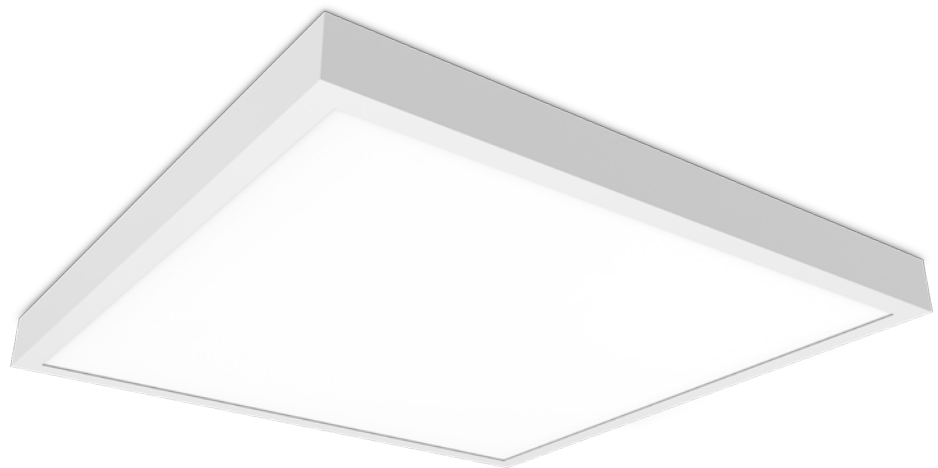
Surface Mounted LED Panel with Emergency Option

- Save up to 50% energy usage compared to traditional fluorescent fittings
- Low glare, UGR < 19
- TP(b) fire resistant polycarbonate diffuser
- Flicker free
- Optional DALI, 1-10V driver

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

General Specification

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



Order Code	Power	Dimension	CCT	Lumen	Trade Price
KSMT30PNL	30W	595*595mm	4000K	3200lm	£142.68

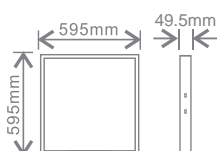
Optional Gear

Type	Order Code	Description	Trade Price
Dimmable driver	CYC030TDC25-70	Configurable DALI & 1-10V Dimmable Driver	£90.79
Emergency module	CEW03LIL/N	UEM, 3W, li-ion battery	£97.77
Self-test emergency module	CEW03LIL/S	Self-test UEM, 3W, li-ion battery	£115.04
Presence sensor	CYS-PRS-PNL	On/off presence sensor dedicated to LED panel	£53.20
Daylight harvesting	CYS50DLH-PNL	Daylight harvesting control unit	£100.14

Order Code

KSMT30PNL-W40

Dimensions



Twin Bar

Ceiling luminaire with two parallel edge-lit LED panels

Plug-in emergency 

Plug-in on/off sensor 

Wattage switching 

Flicker free 

Modular design 

- 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

5 5 Years Standard Warranty

7 7 Years Extended Warranty

1000V Surge Protection

DALI & 1-10V Dimmable Options



Optional Connector
KCON3FM



General Specification

Voltage	220-240Vac 50-60Hz
CRI	>80
Life Time	40,000h
Power Factor	>0.93
Ambient Temp	-20°C to 40°C
Housing	Powder coated aluminum
Diffuser	Polycarbonate TP(b)



Order Code	Default Power	Alternative Power	Dimension	CCT	Lumen	Trade Price
KTWB3040PNL	30W	-	595x595mm	4000K 6500K	3200lm	£148.90
	-	40W	595x595mm	4000K 6500K	4200lm	

Optional Gear

Type	Order Code	Description	Trade Price
Dimmable driver	CYC050TDC70-140	Configurable DALI & 1-10V Dimmable Driver	£105.18
Emergency module	CEW03LIL/N	UEM, 3W, li-ion battery	£97.77
Self-test emergency module	CEW03LIL/S	Self-test UEM, 3W, li-ion battery	£115.04
Presence sensor	CYS-PRS-PNL	On/off presence sensor dedicated to LED panel	£53.20

Accessories

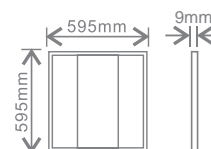
Type	Order Code	Description	Trade Price
Surface mount frame	KPTPNL/SMT-WHT0606	595x595mm surface-mount frame, white	£37.62
Suspension kits	KPTPNL/SUS0606	595x595mm Suspension set	£10.49
Connector	KCON3FM	Junction Box Connector - 3 Pin + Loop	£6.84

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

Order Code

KTWB3040PNL-W40
KTWB3040PNL-W65

Dimensions



Patent

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



Nevis

CAT 2 LED Twin Strip Louvre Panel

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

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



General Specification

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



Order Code	Default Power	Alternative Power	Dimension	CCT	Lumen	Trade Price
KTSL2328PNL/SCT	23W	-	595x595mm	Switchable*	2900lm (3000K) 3000lm (4000K) 3000lm (5000K)	£156.02
	-	28W	595x595mm	Switchable*	3300lm (3000K) 3400lm (4000K) 3400lm (5000K)	

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

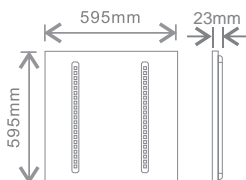
Optional Gear

Type	Order Code	Description	Trade Price
Dimmable driver	CYC030TDC25-70	Configurable DALI & 1-10V Dimmable Driver	£90.79
Emergency module	CEW03LIL/N	UEM, 3W, li-ion battery	£97.77
Self-test emergency module	CEW03LIL/S	Self-test UEM, 3W, li-ion battery	£115.04

Accessories

Type	Order Code	Description	Trade Price
Surface Mounting Kit	KTPNL/SMT-WHT0606	595*595mm surface-mount frame, white	£37.62
Suspension Kit	KPTSL/SUS0606	595*595mm Suspension set	£10.49

Dimensions



Order Code

KTSL2328PNL/SCT

NEW Available Jul 2020

Recessed Motion Sensor

Microwave & Light Sensor with Remote Control Setting

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



5 Years Standard Warranty

7 Years Extended Warranty



Remote Control

General Specification

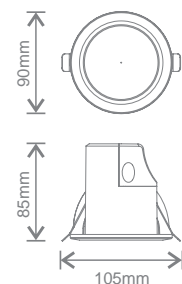
Voltage 120-277Vac
50-60Hz
Transmitting power ≤0.5mW
Detection Radius 3-5m
Operation Temp -25°C to 55°C



Order Code

KPT-MSA012-MWS

Dimensions



Order Code	Max Power	Detection Angle	Hold Time	Daylight Sensor	Trade Price
KPT-MSA012-MWS	800W(inductive) 1000W(resistive)	150° wall mounting 180° ceiling mounting	5s 30s 3min 10min 30min + ∞	5lux 15lux 30lux 50lux 100lux 150lux Disable	£92.62

Accessories

Order Code	Description	Trade Price
KPT-MWS-CON	Remote Control	£86.86

On site commissioning available upon request

5 5 Years
Standard Warranty

7 7 Years
Extended Warranty

Presence Sensor

Microwave presence sensor for LED panels

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

General Specification

Voltage 220-240Vac
50Hz

Transmitting power <0.5mW

Detection Zone
Max.(D x H)
≤5m(major motion)
≤2m(minor motion)

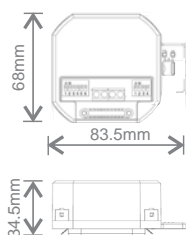
Operation Temp -25°C to 55°C



Order Code

CYS-PRS-PNL

Dimensions



Order Code	Max Power	Detection Angle	Hold Time	Daylight Sensor	Trade Price
CYS-PRS-PNL	400W	180°	5s	25lux	£53.20
			30s	50lux	
			90s	100lux	
			3min	250lux	
			20min	300lux	
			30min	500lux	
				Disable	

On site commissioning available upon request

Daylight Harvesting Control

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



5 5 Years Standard Warranty

7 7 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



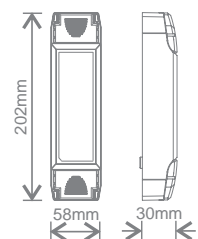
Order Code

CYS50DLH-PNL

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	£100.14
	1000mA	40W	30-40Vdc		400lux	
	950mA	38W	30-40Vdc		350lux	
	900mA	41W	30-46Vdc		300lux	
	850mA	40.8W	30-48Vdc		250lux	
	800mA	38.4W	30-48Vdc		200lux	
	750mA	36W	30-48Vdc		150lux	
	700mA	33.6W	30-48Vdc		100lux	

On site commissioning available upon request

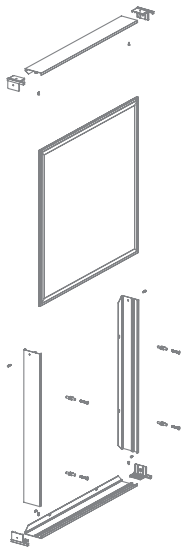
Dimensions



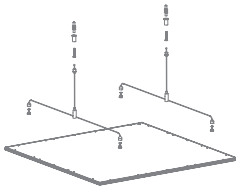
Fixing Accessories

Surface mount and suspension mount accessories

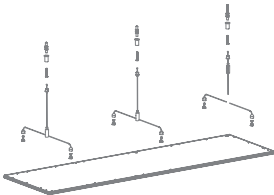
Surface mount



Suspension mount



595*595mm



295*1195mm



595*1195mm



KCON3FM

Order Code

- KPTPNL/SMT-WHT0606
- KPTPNL/SMT-WHT1203
- KPTPNL/SMT-WHT1206
- KPTPNL/SMT-ECO1-WHT
- KPTPNL/SUS0606
- KPTPNL/SUS1203
- KPTPNL/SUS1206
- KCON3FM



▲ Surface mount frame



▲ Suspension kits

Type	Order Code	Description	Trade Price
Surface mount frame	KPTPNL/SMT-WHT0606	595*595mm surface-mount frame, white	£37.62
Surface mount frame	KPTPNL/SMT-WHT1203	295*1195mm surface-mount frame, white	£59.03
Surface mount frame	KPTPNL/SMT-WHT1206	595*1195mm surface-mount frame, white	£69.37
Surface mount bracket	KPTPNL/SMT-ECO1-WHT	595*595mm surface-mount bracket, white	£24.74
Suspension kits	KPTPNL/SUS0606	595*595mm Suspension set	£10.49
Suspension kits	KPTPNL/SUS1203	295*1195mm Suspension set	£15.79
Suspension kits	KPTPNL/SUS1206	595*1195mm Suspension set	£15.79
Connector	KCON3FM	Junction Box Connector - 3 Pin	£6.84

Kurve

Direct / indirect LED modular Luminaire

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

Plug-in emergency 

Wattage switching 

CCT switching 

Flicker free 



▲ Kurve 2

▲ Kurve 1

5 5 Years Standard Warranty

7 7 Years Extended Warranty

1000V Surge Protection

DALI & 1-10V Dimmable Options



In-line switch for CCT selection

General Specification

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

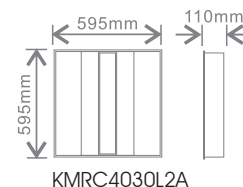
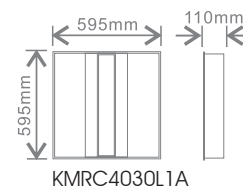


Order Code	Default Power	Alternative Power	Dimension	CCT	Lumen	Trade Price
KMRC4030L1A	40W	-	595x595mm	Switchable**	3600lm	£375.16
	-	30W	595x595mm	Switchable**	2800lm	
KMRC4030L2A	40W	-	595x595mm	Switchable**	3600lm	£375.16
	-	30W	595x595mm	Switchable**	2800lm	

Order Code

KMRC4030L1A/SCT
KMRC4030L2A/SCT

Dimensions



Optional Gear

Type	Order Code	Description	Trade Price
Dimmable driver	CYC050TDC70-140	Configurable DALI & 1-10V Dimmable Driver	£105.18
Emergency module	CEW03LIL/N	UEM, 3W, li-ion battery	£ 97.77
Self-test emergency module	CEW03LIL/S	Self-test UEM, 3W, li-ion battery	£115.04

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

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



Optional Connector
KCON3FM

General Specification

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

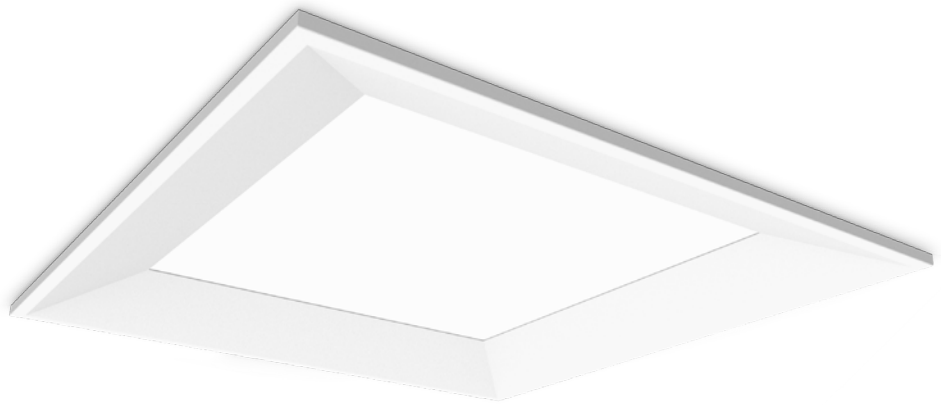


Pyramid II

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

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



Order Code	Power	Dimension	CCT	Lumen	Trade Price
KPYD30PNL2	30W	595x595mm	4000K	2900lm	£110.53

Optional Gear

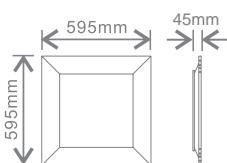
Type	Order Code	Description	Trade Price
Dimmable driver	CYC050TDC70-140	Configurable DALI & 1-10V Dimmable Driver	£105.18
Emergency module	CEW03LIL/N	UEM, 3W, li-ion battery	£97.77
Self-test emergency module	CEW03LIL/S	Self-test UEM, 3W, li-ion battery	£115.04

Accessories

Type	Order Code	Description	Trade Price
Connector	KCON3FM	Junction Box Connector - 3 Pin + Loop	£6.84

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

Dimensions



Order Code

KPYD30PNL2-W40

Dimmable Driver

DALI, 1-10V & PUSH button dimmable driver

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



5 5 Years
Standard Warranty

7 7 Years
Extended Warranty

General Specification

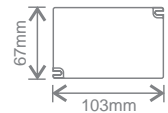
Voltage 220-240Vac
50Hz
Power Factor ≥ 0.83
Work Efficiency 91%
Max.
Full-load Output Voltage 6-58Vdc
Wiring Way Press-in type terminals, 0.75-1.5mm²
Working Temp -25°C to 50°C
Case Temp 85°C
Working Humidity 85%



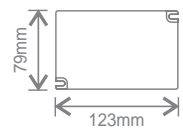
Order Code

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	£90.79
CYC040TDC25-70	40W	250-700mA	£101.34
CYC050TDC70-140	50W	700mA-1400mA	£105.18

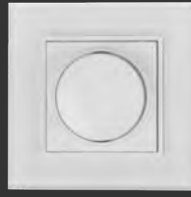
Wireless EasyLINK ^{RF}



Mains powered 4-zone wall switch



Battery powered push button wall switch



Battery powered rotary button wall switch



4-zone remote



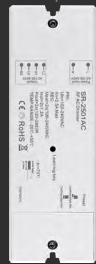
Desk-top rotary remote

Max 30 meters

Link to Many

Max 8 switches

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

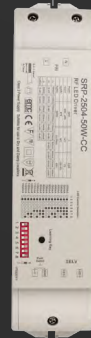


RF Triac Dimmer

Use with mains dimmable lamps & luminaires

Max Load 2 x 288W

Leading and Trailing Edge switchable



RF Driver

Constant Current 250-1500mA adjustable

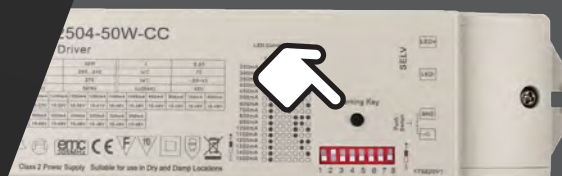
Output Voltage 15-48V

Max Load 50W



Click 2 Pair

Simple and Reliable Link to Many Pairing



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

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



EasyLINK^{RF}

RF wireless AC triac dimmer with leading or trailing edge mode

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

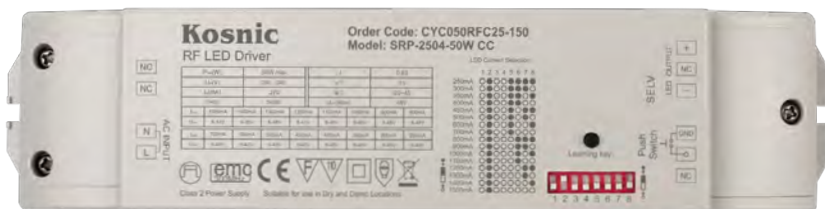


▲ RF wireless triac dimmer
CYDIMRFT1

Order Code	Max Power	Output Current	Trade Price
CYDIMRFT1	2 x 120W (100 Vac) 2 x 288W (240 Vac)	2 x 1.2 A	£108.07

RF Dimmable constant current LED driver

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



▲ RF wireless driver
CYC050RFC25-150

Order Code	Max Power	Output Current	Trade Price
CYC050RFC25-150	50W	250-1500mA	£121.97

On site commissioning available upon request

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



CSWRF01



CSWRF02



CSWRF03



CSWRF04



CSWRF05

General Specification

RF wireless driver

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

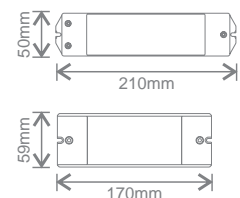
RF wireless triac dimmer

Voltage	100-240Vac 50-60Hz
Output Voltage	2 x 100-240Vac
Ambient Temp	-20°C to 50°C
Max Case Temp	75°C



Order Code
CYC050RFC25-150
CYDIMRFT1

Dimensions



3 3 Years
Standard Warranty

5 5 Years
Extended Warranty



CYC050RFC25-150



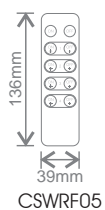
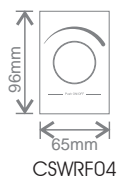
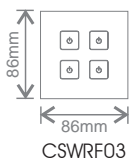
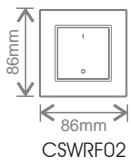
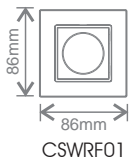
CYDIMRFT1



Order Code

- CSWRF01
- CSWRF02
- CSWRF03
- CSWRF04
- CSWRF05

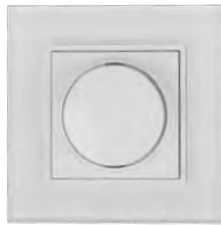
Dimensions



EasyLINK^{RF}

RF wireless switches

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



▲ CSWRF01



▲ CSWRF02



▲ CSWRF03



▲ CSWRF04



▲ CSWRF05

Order Code	Description	Trade Price
CSWRF01	Single channel wall mount rotary switch (battery powered)	£118.35
CSWRF02	Single channel wall mount push-button switch (battery powered)	£118.35
CSWRF03	4 channel wall mount touch switch (mains powered)	£128.55
CSWRF04	Single channel desk top rotary switch (battery powered)	£83.73
CSWRF05	4 channel handheld remote control (battery powered)	£45.38

On site commissioning available upon request

Surface Luminaire



Blanca 72



Blanca-i 73



Blanca-i Pro 74



Ossa 77



Pico 79



Pico-i 80



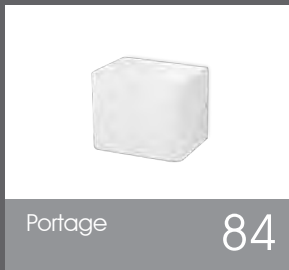
Polo 81



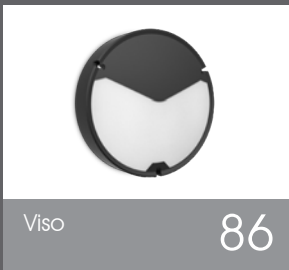
Meola 82



Codale 83



Portage 84



Viso 86



Etna 87



Alto 88



Kaz 89



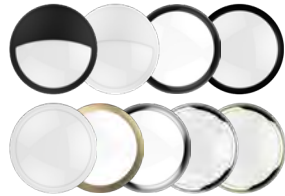
Kabru 90

Bulkhead Comparison



Blanca

Ø310mm		Plug & Play Emergency
DD	K2D	
IP65	Conduit Entry	
IK10		
Interchangeable Ring		



Ø260mm		Ø330mm	
DD	DD	K2D	
Ø380mm		IP44	
DD	K2D	Plug & Play Emergency	

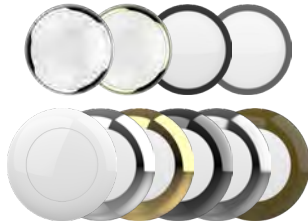


Pico



Ossa

Ø300mm		Plug & Play Emergency
K2D		
IP65	Conduit Entry	
IK10		
Interchangeable Ring		



Ø284mm		Plug & Play Emergency
DD	K2D	
IP65	Conduit Entry	
IK10		
Interchangeable Ring		



Viso

9W	12W	18W
1050lm (4000K)	1220lm (2700K) 1320lm (4000K) 1320lm (6500K)	1780lm (2700K) 1880lm (4000K) 1880lm (6500K)

2700K	GR8	Sensor
4000K		Dimmable
6500K		Dusk to Dawn



DD



DD EME

2W
2200mAh
Emergency Operation Time >3h

18W (Default)	9W (Alternative)	12W
2200lm 2600lm 2600lm	1080lm 1200lm 1200lm	1450lm 1600lm 1600lm

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



K2D



Self-test DD EME

3W
2200mAh
Emergency Operation Time >3h

Blanca LED Bulkhead

Bulkhead for LED DD lamp with detachable rings

Emergency Module

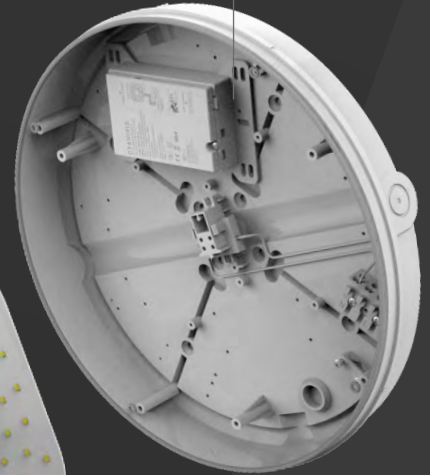
Optional plug-in 3hr maintained or non-maintained emergency module. Self-test version is also available.

LED DD Range

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

Tamper-proof Screw (optional)

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



Clip-on Ring Attachment

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

Polycarbonate Cover

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



Introducing the Blanca

Scan QR code for video.



CREATING 450 Product lines with

3 Options with plug-in emergency module

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

10 Body style with ring attachment

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

15 LED DD modules

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

Upgrade
Sep 2020
Additional decorative rings

Blanca

IP65 bulkhead for LED DD lamps

- Choice of clip-on ring
- IP65 and vandal resistant (IK10)
- Use with Kosnic LED DD range
- Option of tamper-proof security screw
- 20mm Conduit entry

Plug-in emergency 

Interchangeable ring 

Modular design 



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



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



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

Upgrade
Sep 2020



DD EME
CEC02LBL/N



Self-test DD EME
CEC02LBL/S

5 5 Years
Standard Warranty



Anti-vandal Screw Pack
KPT-SCREW1



Anti-vandal Screw Driver
KPT-SCREWDRIVER1

General Specification

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



Order Code	Description	Trade Price
KBHDDC6S65	Polycarbonate bulkhead	£37.30
KBHDDC6S65-WHT	Polycarbonate bulkhead with white polo ring	£44.54

Accessories

Type	Order Code	Description	Trade Price
Screw	KPT-SCREW1	Anti-vandal screw 5/pack	£1.22
Tool	KPT-SCREWDRIVER1	Anti-vandal screw driver 2/pack	£7.95
Emergency module	CEC02LBL/N	Emergency module for KBHDDC6S65, KBHDDC6S65-WHT	£73.54
Self-test Emergency module	CEC02LBL/S	Self-test emergency module for KBHDDC6S65, KBHDDC6S65-WHT	£83.67

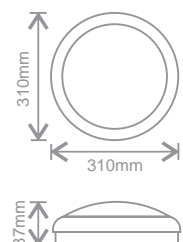
Clip-on rings

Order Code	KBHC6-TLID	KBHC6-TWLID	KBHC6-TBLK	KBHC6-TWHT	KBHC6-TCHM	KBHC6-TBAS
Trade Price	£11.15	£11.02	£10.01	£9.00	£27.62	£27.62
Order Code	KBHC6-TPBL	KBHC6-TSCH	KBHC6-TSBR			
Trade Price	£19.86	£38.37	£38.37			

Order Code

KBHDDC6S65
KBHDDC6S65-WHT

Dimensions



Patent

5 5 Years
Standard Warranty

7 7 Years
Extended Warranty

500V
Surge Protection



Anti-vandal Screw Pack
KPT-SCREW1



Anti-vandal Screw Driver
KPT-SCREWDRIVER1



Microwave Sensor
KBTNLS1-MWS2

General Specification

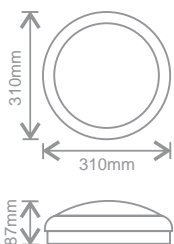
Voltage 220-240Vac
50-60Hz
CRI 85
Life Time 40,000h
Power Factor 0.60
Ambient Temp -20°C to 40°C
Housing Polycarbonate



Order Code

KBHCT12C6S65-W40
KBHCT12C6S65-W40-WHT

Dimensions



Blanca-i

Upgrade
Sep 2020
Additional decorative rings

IP65 bulkhead with integrated LED tray

- Choice of clip-on ring
- IP65 and vandal resistant (IK10)
- Integrated LED tray
- Tamper-proof security screw option
- 20mm Conduit entry



DD EME
CEC02LBL/N



Self-test DD EME
CEC02LBL/S

Plug-in emergency

Plug-in corridor sensor

Interchangeable ring

Flicker free

Modular design



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



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



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

Upgrade
Sep 2020

Order Code	Description	Trade Price
KBHCT12C6S65	12W, 4000K, 1260lm(1130lm with trim) Polycarbonate bulkhead	£64.22
KBHCT12C6S65-WHT	12W, 4000K, 1260lm(1130lm with trim) Polycarbonate bulkhead with white polo ring	£70.54

Accessories

Type	Order Code	Description	Trade Price
Screw	KPT-SCREW1	Anti-vandal screw 5/pack	£1.22
Tool	KPT-SCREWDRIVER1	Anti-vandal screw driver 2/pack	£7.95
Emergency module	CEC02LBL/N	Emergency module, li-ion battery	£73.54
Self-test Emergency module	CEC02LBL/S	Self-test emergency module, li-ion battery	£83.67
Microwave Sensor	KBTNLS1-MWS2	Microwave motion and daylight sensor	£24.54

Clip-on rings

Order Code	KBHC6-TLID	KBHC6-TWLID	KBHC6-TBLK	KBHC6-TWHT	KBHC6-TCHM	KBHC6-TBAS
Trade Price	£11.15	£11.02	£10.01	£9.00	£27.62	£27.62
Order Code	KBHC6-TPBL		KBHC6-TSCH		KBHC6-TSBR	
Trade Price	£19.86		£38.37		£38.37	

NEW Available
Sep 2020

Blanca-i Pro

Multi-setting and Multi-function IP65 Bulkhead with integrated LED tray

- Wattage switchable 9W/12W/18W
- Colour temperature 3000K/4000K/5000K
- Choice of clip-on rings with newly added satin chrome and satin bronze
- IP65 and vandal resistant (IK10)
- Integrated LED tray
- Options of plug-in emergency and sensors
 - Tamper-proof security screw option
 - 20mm conduit entry

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



Upgrade
Sep 2020

- 5** 5 Years Standard Warranty
- 7** 7 Years Extended Warranty
- 2000V** Surge Protection



Order Code	Default Power	Alternative Power	CCT	Lumen (without ring)	Lumen (with white ring)	Trade Price
KBHCT9-18C6S65	-	9W	Switchable*	830lm(3000K)	710lm(3000K)	£68.28
				950lm(4000K)	830lm(4000K)	
				950lm(5000K)	830lm(5000K)	
	-	12W	Switchable*	1100lm(3000K)	970lm(3000K)	
				1260lm(4000K)	1130lm(4000K)	
				1260lm(5000K)	1130lm(5000K)	
18W	-	Switchable*	1580lm(3000K)	1340lm(3000K)		
			1890lm(4000K)	1650lm(4000K)		
			1890lm(5000K)	1650lm(5000K)		

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

Accessories

Type	Order Code	Description	Trade Price
Screw	KPT-SCREW1	Anti-vandal screw 5/pack	£1.22
Tool	KPT-SCREWDRIVER1	Anti-vandal screw driver 2/pack	£7.95
Emergency module	CEC02LBL/N	Emergency module, li-ion battery	£73.54
Self-test Emergency module	CEC02LBL/S	Self-test emergency module, li-ion battery	£53.67
Microwave Sensor	KBTNLS1-MWS2	Microwave motion and daylight sensor	£24.54

Clip-on rings

Order Code	KBHC6-TLID	KBHC6-TWLID	KBHC6-TBLK	KBHC6-TWHT	KBHC6-TCHM	KBHC6-TBAS
Trade Price	£11.15	£11.02	£10.01	£9.00	£27.62	£27.62
Order Code	KBHC6-TPBL		KBHC6-TSCH		KBHC6-TSBR	
Trade Price	£19.86		£38.37		£38.37	

General Specification

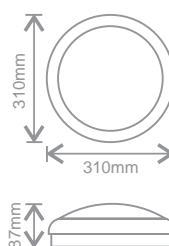
Voltage	220-240Vac 50-60Hz
CRI	85
Life Time	40,000h
Power Factor	>0.90
Ambient Temp	-20°C to 40°C
Housing	Polycarbonate



Order Code

KBHCT9-18C6S65/SCT
KBHCT9-18C6S65/SCT-WHT

Dimensions



Ossa LED Bulkhead

Bulkhead for K2D lamp with detachable rings

K2D Range

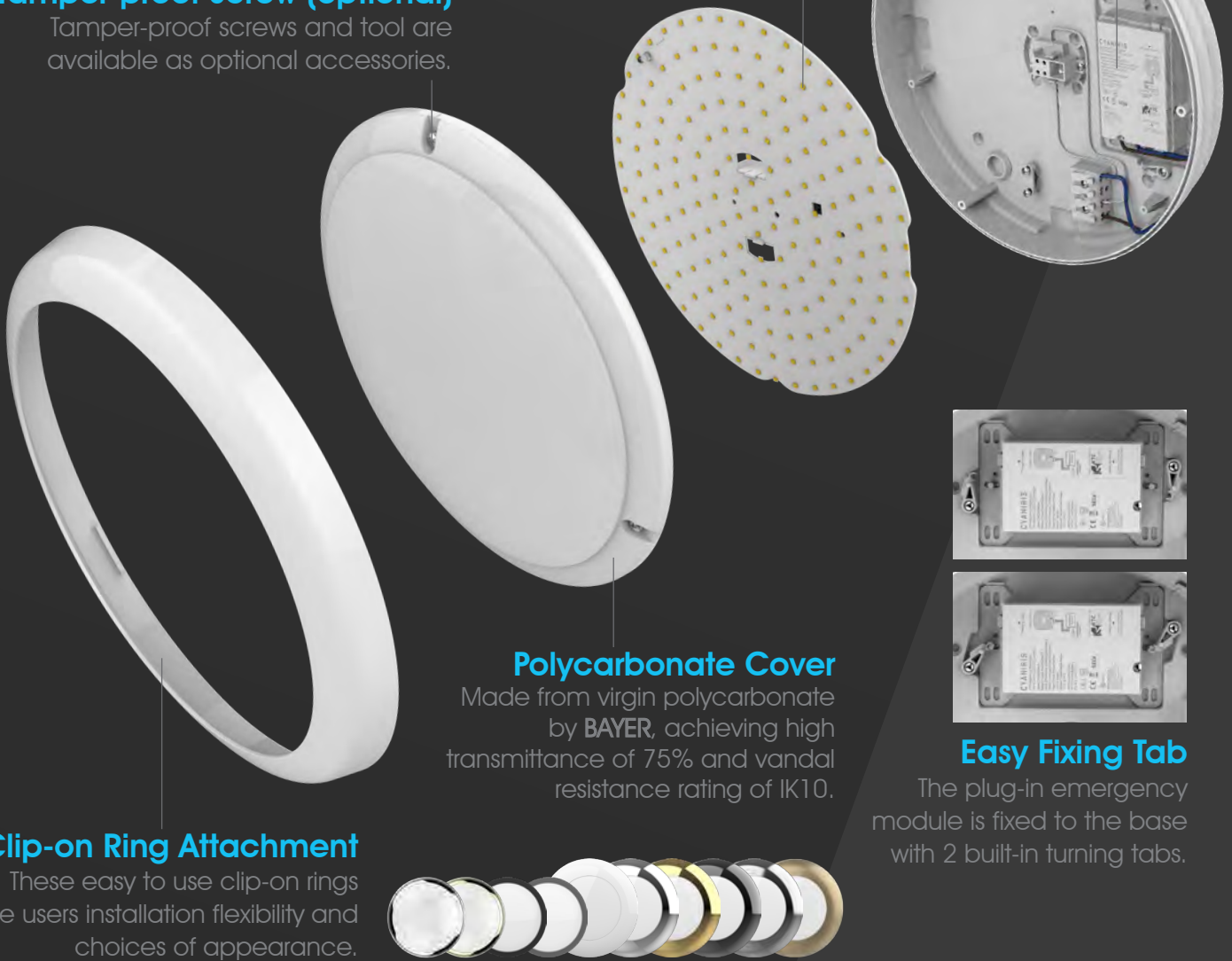
Ideal for use with the K2D LED modules which have multi-wattage and multi-colour temperature switching functions.

Tamper-proof Screw (optional)

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

Emergency Module

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



Polycarbonate Cover

Made from virgin polycarbonate by 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.



Easy Fixing Tab

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

CREATING | 891 Product Lines With

3 Options with plug-in emergency module

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

11 Body style with ring attachment

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

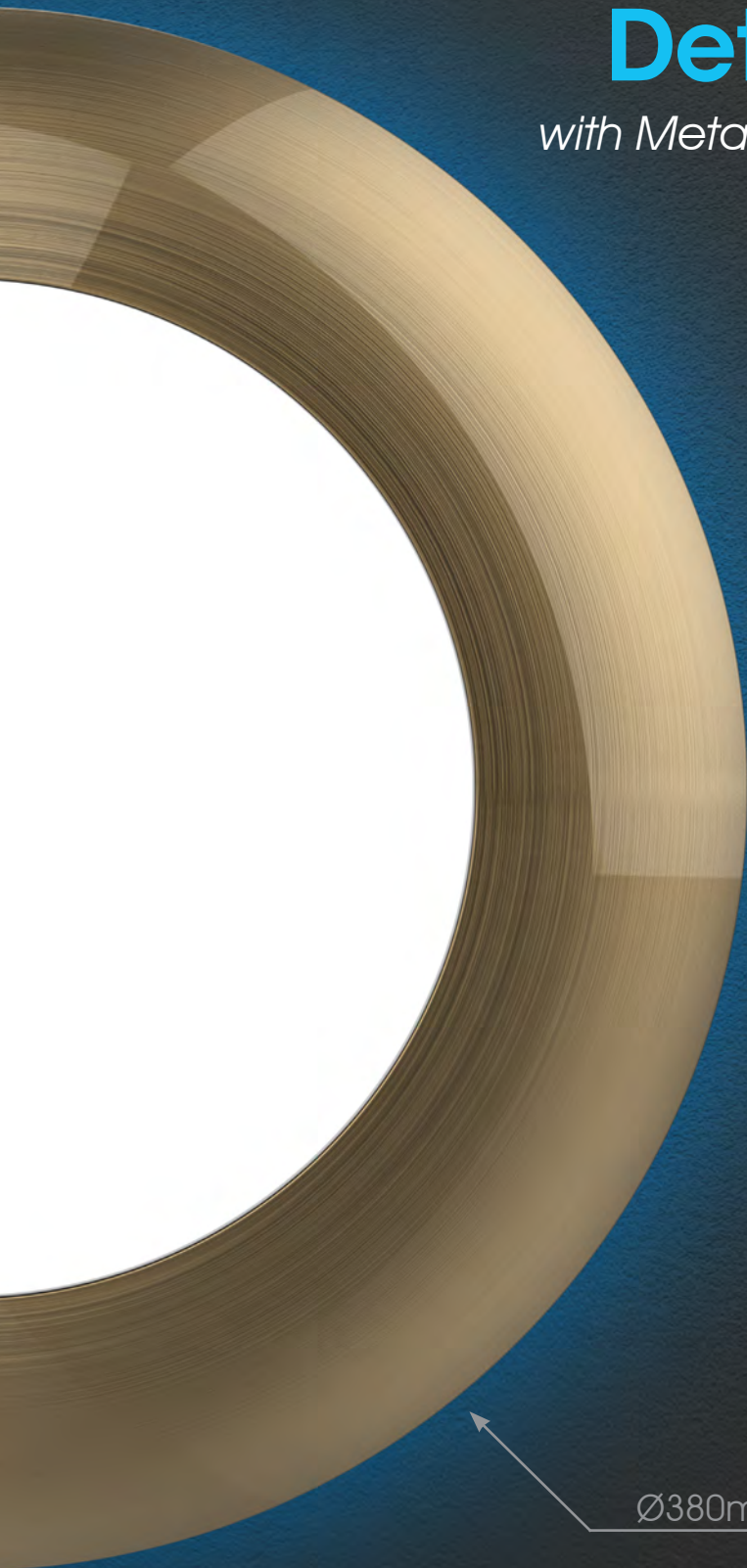
2 Product Type with 27 settings

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

Ossa with Decorative Rings

Detachable Rings

with Metallic Finishings & Colour Back-light



Ø380mm



White



Polished Black



Chrome



Satin Chrome



Brass



Satin Bronze

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

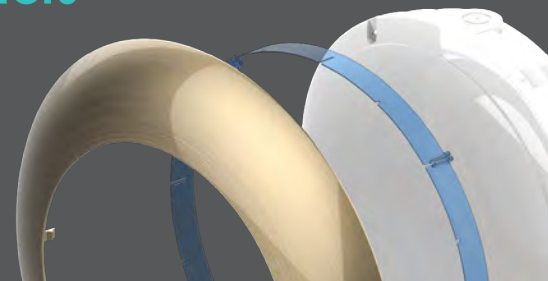
Options of Back-light Filters

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

Green

Blue

Red



5 5 Years
Standard Warranty

Ossa Upgrade
Sep 2020
Additional decorative rings

Slim IP65 & vandal resistant bulkhead for K2D Lamps

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

- Plug-in emergency
- Interchangeable ring
- Modular design



General Specification

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

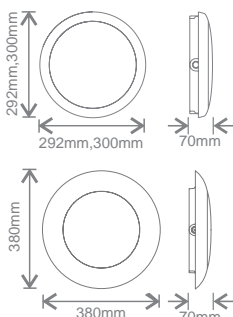


Recommended lamps

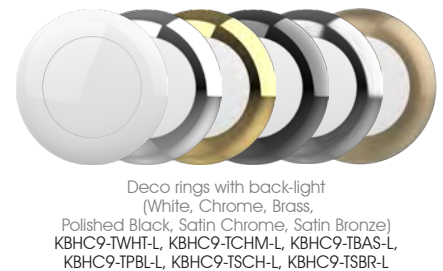
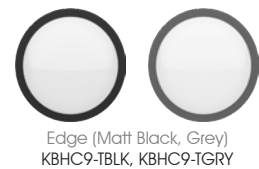


Order Code
KBHDDC9S65-WHT

Dimensions



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



Upgrade
Sep 2020



Order Code	Description	Trade Price
KBHDDC9S65-WHT	Polycarbonate bulkhead with white polo ring	£43.87

Optional Gear

Type	Order Code	Description	Trade Price
Emergency module	CEC02LBL/N	Emergency module, li-ion battery	£73.54
Self-test Emergency module	CEC02LBL/S	Self-test emergency module, li-ion battery	£83.67

Accessories

Type	Order Code	Description	Trade Price
Screw	KPT-SCREW1	Anti-vandal screw 5/pack	£1.22
Tool	KPT-SCREWDRIVER1	Anti-vandal screw driver 2/pack	£7.95

Clip-on rings

Order Code	KBHC9-TCHM	KBHC9-TBAS	KBHC9-TBLK	KBHC9-TGRY		
Trade Price	£25.18	£25.18	£8.97	£9.38		
Order Code	KBHC9-TCHM-L	KBHC9-TBAS-L	KBHC9-TPBL-L	KBHC9-TWHT-L	KBHC9-TSBR-L	KBHC9-TSCH-L
Trade Price	£28.37	£28.37	£28.37	£12.17	49.52	£49.62

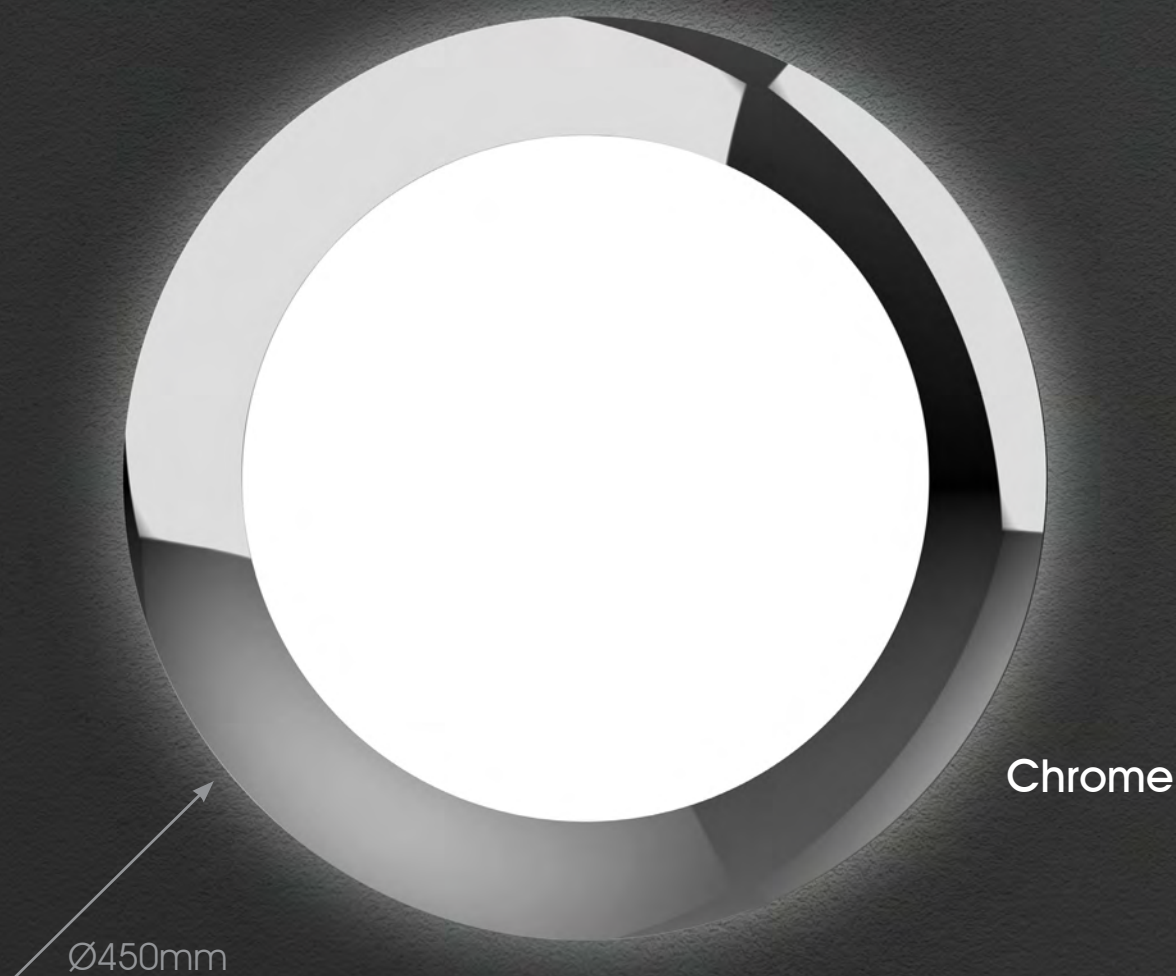
Patent

Pico-i with Decorative Rings

Detachable Rings

with Metallic Finishings & White Back-light

A range of decorative clip-on ring with various finishines are now available for the 18W Pico-i and the large Pico surface luminaire



White



Brass



Satin Chrome



Satin Bronze



Rotating Clips

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

3 3 Years
Standard Warranty

Pico Upgrade
Sep 2020
Additional decorative rings

Recommended lamps



LED DD standard
↳ P234



LED DD Sensor
↳ P236

General Specification

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



Twist & lock fast-fit bulkhead for LED DD Lamps

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

Plug-in emergency

Modular design



Upgrade
Sep 2020



Chrome KBHC13-TCHM Satin Chrome KBHC13-TSCH



Brass KBHC13-TBAS Satin Bronze KBHC13-TSBR



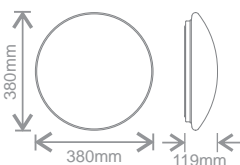
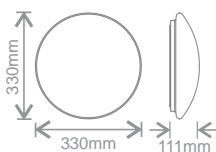
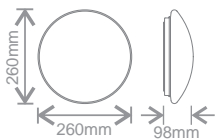
White KBHC13-TWHT



Order Code

KBHDDC11S44
KBHDDC12S44
KBHDDC13S44

Dimensions



Order Code	Description	Trade Price
KBHDDC11S44	IP44 twist & lock bulkhead, 260mm diameter	£16.51
KBHDDC12S44	IP44 twist & lock bulkhead, 330mm diameter	£22.06
KBHDDC13S44	IP44 twist & lock bulkhead, 380mm diameter	£27.84

Optional Gear

Type	Order Code	Description	Trade Price
Emergency module	CEC02LBL/N	Emergency module, li-ion battery for KBHDDC12S44, KBHDDC13S44	£73.54
Self-Test Emergency module	CEC02LBL/S	Self-test emergency module, li-ion battery for KBHDDC12S44, KBHDDC13S44	£77.59

Battery

Order Code	Type	Capacity	Trade Price
KBAT2200LI1	Li-ion	2200mAh	£42.70

Clip-on rings(for KBHDDC13S44)

Order Code	KBHC13-TCHM	KBHC13-TSCH	KBHC13-TBAS	KBHC13-TSBR	KBHC13-TWHT
Trade Price	£29.88	£48.25	£29.73	£48.03	£10.91

Upgrade
Sep 2020
Additional decorative rings

Pico-i

Twist & lock fast-fit bulkhead with integrated LED

Plug-in emergency 

Plug-in on/off sensor 

Modular design 

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



Order Code	Description	Trade Price
KBHCT09C8S44	260mm diameter, IP44, 9W, 4000K, 730lm	£32.84
KBHCT12C8S44	330mm diameter, IP44, 12W, 4000K, 880lm	£43.92
KBHCT18C8S44	380mm diameter, IP44, 18W, 4000K, 1350lm	£52.76

Optional Gear

Type	Order Code	Description	Trade Price
Emergency module	CEC02LBL/N	Emergency module, li-ion battery for 12W and 18W models only	£73.54
Self-test Emergency module	CEC02LBL/S	Self-test emergency module, li-ion battery for 12W and 18W models only	£77.59
Microwave Sensor	KBHCTC8-MWS	Automatic switching based on motion and light level for 12W and 18W models only	£39.24

* Fitting can only take emergency or sensor not both at one time

Battery

Order Code	Type	Capacity	Trade Price
KBAT2200LI1	Li-ion	2200mAh	£42.70

Clip-on rings(for KBHCT18C8S44)

Order Code	KBHC13-TCHM	KBHC13-TSCH	KBHC13-TBAS	KBHC13-TSBR	KBHC13-TWHT
Trade Price	£29.88	£48.25	£29.73	£48.03	£10.91

3 3 Years
Standard Warranty

5 5 Years
Extended Warranty

1000V
Surge Protection
(L to GND)



Optional microwave sensor

General Specification

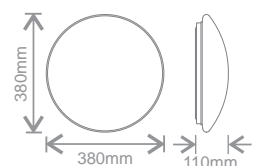
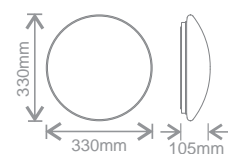
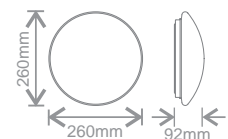
Voltage	220-240Vac 50-60Hz
CRI	85
Life Time	40,000h
Power Factor	0.60
Ambient Temp	-20°C to 40°C



Order Code

KBHCT09C8S44-W40
KBHCT12C8S44-W40
KBHCT18C8S44-W40

Dimensions



3 3 Years
Standard Warranty

5 5 Years
Extended Warranty

500V
Surge Protection



Microwave Sensor
KBTNLS1-MWS2

General Specification

Voltage 220-240Vac
50-60Hz
CRI 85
Life Time 30,000h
Power Factor 0.90
Ambient Temp -20°C to 40°C
Housing Polycarbonate



Polo **NEW** Available
Sep 2020

Twist & Lock IP65 bulkhead with integrated LED tray

- Twist & lock ring for fast installation
- IP65 and vandal resistant (IK10)
- Integrated LED tray
- 20mm Conduit entry
- Options of plug-in sensor and Emergency Module

S Plug-in on/off sensor

E Plug-in emergency

ECO Modular design



DD EME
CEC02LBL/N

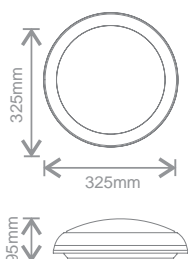


Self-test DD EME
CEC02LBL/S

Order Code

KBHCT11C2S65-W40-WHT

Dimensions



Order Code	Description	Trade Price
KBHCT11C2S65	11W, 4000K, 1130lm , Polycarbonate bulkhead with white ring	£57.62

Optional Gear

Type	Order Code	Description	Trade Price
Emergency module	CEC02LBL/N	Emergency module, li-ion battery	£73.54
Self-test Emergency module	CEC02LBL/S	Self-test emergency module, li-ion battery	£77.59

Accessories

Type	Order Code	Description	Trade Price
Microwave Sensor	KBTNLS1-MWS2	Microwave motion and daylight sensor	£24.54

SPEC LINE Meola

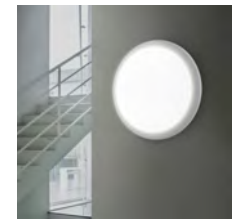
Large ultra slim LED bulkhead

- Diameter of 420mm & 520mm
- IP65 and vandal resistant (IK10)
- Integrated LED board for uniform light output
- High lumen output of up to 4000lm

- Plug-in emergency
- Built-in motion sensor
- CCT switching
- Flicker free
- Modular design



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



General Specification

Voltage 220-240Vac
 50-60Hz
 Life Time 50000h
 Ambient Temp -20°C to 50°C
 Housing Polycarbonate



Order Code	Description	Trade Price
KBHCT25C10S65/D-SCT	Dimmable, 420mm diameter, Class II, IP65, IK10, 25W, Switchable 3000K/4000K/5000K, 2500lm	£268.74
KBHCT25C10S65/S-SCT	Sensor, 420mm diameter, Class II, IP65, IK10, 25W, Switchable 3000K/4000K/5000K, 2600lm	£269.46
KBHCT40C10S65/D-SCT	Dimmable, 520mm diameter, Class II, IP65, IK10, 40W, Switchable 3000K/4000K/5000K, 3900lm	£354.46
KBHCT40C10S65/S-SCT	Sensor, 520mm diameter, Class II, IP65, IK10, 40W, Switchable 3000K/4000K/5000K, 4000lm	£355.44

Optional Gear

Type	Order Code	Description	Trade Price
Emergency module	CEC05LBL/N	Emergency module, li-ion battery	£91.85

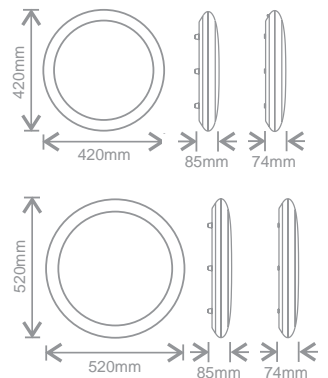
Battery

Order Code	Type	Capacity	Trade Price
KBAT2600	Li-ion	2600mAh	£47.76

Order Code

- KBHCT25C10S65/D-SCT
- KBHCT25C10S65/S-SCT
- KBHCT40C10S65/D-SCT
- KBHCT40C10S65/S-SCT

Dimensions



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

Codale

SPEC LINE

Surface or pendant LED circular panel

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

 Built-in emergency Built-in motion sensor Flicker free

General Specification

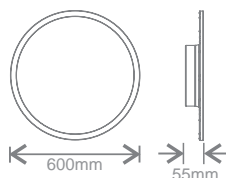
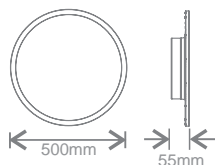
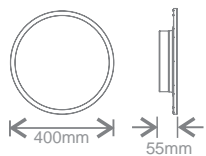
Voltage	220-240Vac 50-60Hz
CRI	>80
Life Time	40,000h
Power Factor	>0.95
Ambient Temp	-20°C to 50°C
Housing	Anodized aluminum
Diffuser	Polycarbonate



Order Code

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

Dimensions



Front LED panel (Must be ordered with back box)

Order Code	Power	Input Current	CCT	Lumen	Trade Price
KPNLLS25CS	25W	710mA	4000K	2100lm	£174.50
KPNLLS30CS	30W	710mA	4000K	2200lm	£209.39
KPNLLS35CS	35W	710mA	4000K	2940lm	£240.51

Back Box (Must be ordered with front LED panel)

Order Code	Type	Output Current	Battery	Trade Price
KPNLLS-BB	Standard	710mA	/	£120.00
KPNLLS-BB/E	Emergency	710mA	Li-ion	£200.52
KPNLLS-BB/S	Sensor	710mA	/	£48.48
KPNLLS-BB/S/E	Emergency & Sensor	710mA	Li-ion	£229.06

Accessories

Type	Order Code	Description	Trade Price
Suspension kits	KPNLLS-SUS	Mounting plate with three wires. Up to 0.8m drop	£66.60

Battery

Order Code	Type	Capacity	Trade Price
KBAT2600	Li-ion	2600mAh	£47.76

Portage

Dimmable integrated LED Wall Light

Flicker free



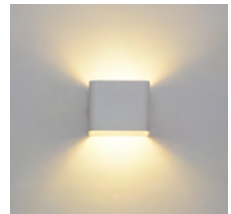
- Up and down wall lighting (50% up / 50% down)
 - Integrated LED modules
 - Mains dimmable
- Negligible UV output, ideal for retail application

5 5 Years
Standard Warranty

7 7 Years
Extended Warranty

1000V
Surge Protection
(L to GND)

Mains Dimmable
Dimmable



General Specification

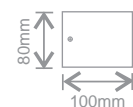
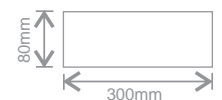
Voltage 220-240Vac
50-60Hz
CRI >80
Life Time 40,000h
Power Factor >0.96
Ambient Temp -20°C to 40°C
Housing Diecast aluminum



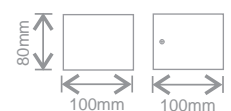
Order Code

KUDL16Q1-W30
KUDL07Q2-W30

Dimensions



KUDL16Q1



KUDL07Q2



▲ KUDL16Q1

▲ KUDL07Q2

Order Code	Power	Beam Angle	CCT	Lumen	Trade Price
KUDL16Q1	16W	120°	3000K	1100lm	£96.70
KUDL07Q2	7W	120°	3000K	380lm	£66.16

Viso LED Bulkhead

Bulkhead for K2D lamp with detachable rings

Emergency Module

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

K2D Range

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

Tamper-proof Screw (optional)

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



Polycarbonate Cover

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

Conduit Entry

Snap-off piece for 20mm conduit entry.



Easy Fixing Tab

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

Vandal Resistant Ring Attachment

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



Eyelid

CREATING 405 Product Lines With

3 Options with plug-in emergency module

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

5 Body style with ring attachment

- Standard
- With ring attachment
- With eyelid attachment

2 Product type with 27 settings

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

Upgrade
Sep 2020
Additional decorative rings

Viso

IP65 & vandal proof bulkhead for K2D lamps

Plug-in emergency 

Interchangeable ring 

Modular design 

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



Eyelid (Black)
KBHC7-TLID



Upgrade
Sep 2020
Eyelid (Grey)
KBHC7-TGLID



Edge (Black)
KBHC7-TBLK



Edge (Grey)
KBHC7-TGRY



DD EME
CEC02LBL/N



Self-test DD EME
CEC02LBL/S

5 5 Years
Standard Warranty



Anti-vandal Screw Pack
KPT-SCREW1



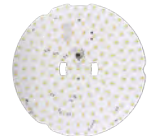
Anti-vandal Screw Driver
KPT-SCREWDRIVER1

General Specification

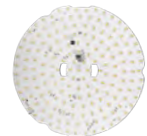
Voltage 220-240Vac
50-60Hz
LOR 68%
Ambient Temp -20°C to 40°C
Housing Polycarbonate



Recommended lamps



K2D Sensor ↪ P232

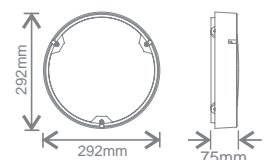
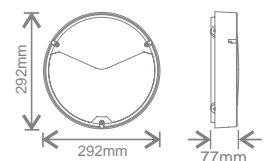
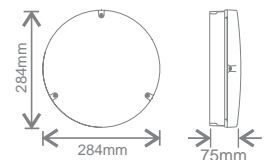


K2D Standard ↪ P231

Order Code

KBHDDC7S65

Dimensions



Order Code	Description	Trade Price
KBHDDC7S65	IP65 vandal resistant bulkhead with clip-on ring	£40.58

Optional Gear

Type	Order Code	Description	Trade Price
Emergency module	CEC02LBL/N	Emergency module, li-ion battery	£73.54
Self-test Emergency module	CEC02LBL/S	Self-test emergency module, li-ion battery	£83.67

Accessories

Type	Order Code	Description	Trade Price
Screw	KPT-SCREW1	Anti-vandal screw 5/pack	£1.22
Tool	KPT-SCREWDRIVER1	Anti-vandal screw driver 2/pack	£7.95

Detachable ring

Order Code	KBHC7-TLID	KBHC7-TBLK	KBHC7-TGRY	KBHC7-TGLID
Trade Price	£13.50	£12.03	£11.03	£11.84

Patent

5 5 Years
Standard Warranty

Etna Upgrade
Aug 2020
Slimmer body

Diecast aluminium exterior bulkhead for K2D lamps

Recommended lamps



K2D Sensor ↪ P232



K2D Standard ↪ P231

LED DD lamp
↪ P208 - P211

General Specification

Voltage 220-240Vac
50-60Hz

Ambient Temp -20°C to 40°C
Housing Diecast aluminium



Order Code

KBHDDC3S65-BLK
KBHDDC4S65-BLK
KBHDDC5S65-BLK

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

Plug-in emergency

Modular design

▼ Lamp not included



▲ Edge



▲ Eyelid



▲ Cage

Edge

Order Code	LOR	Description	Trade Price
KBHDDC3S65	70%	Diecast aluminium circular bulkhead	£93.63

Eyelid

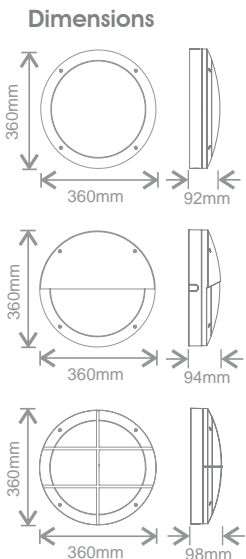
Order Code	LOR	Description	Trade Price
KBHDDC4S65	38%	Diecast aluminium circular bulkhead	£98.73

Cage

Order Code	LOR	Description	Trade Price
KBHDDC5S65	55%	Diecast aluminium circular bulkhead	£98.73

Optional Gear

Type	Order Code	Description	Trade Price
Emergency module	CEC02LBL/N	Emergency module, li-ion battery	£73.54
Self-test Emergency module	CEC02LBL/S	Self-test emergency module, li-ion battery	£83.67



Alto

Wall pack with integrated LED

- Diecast aluminium body & polycarbonate diffuser
- IP65
- Dusk to dawn / microwave sensor option

Built-in motion sensor 

Dusk to dawn sensor 



5 5 Years
Standard Warranty

7 7 Years
Extended Warranty

2000V
Surge Protection
(L to GND)

General Specification

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



Standard

Order Code	Power	CCT	Lumen	Trade Price
KWP30Q65	30W	4000K	2750lm	£125.33
KWP50Q65	50W	4000K	4400lm	£140.01

Dusk to Dawn

Order Code	Power	CCT	Lumen	Trade Price
KWP30Q65/DS	30W	4000K	2750lm	£143.76
KWP50Q65/DS	50W	4000K	4400lm	£158.43

Microwave Sensor

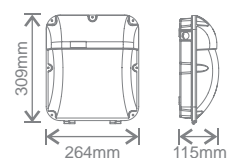
Order Code	Power	CCT	Lumen	Trade Price
KWP30Q65/MS	30W	4000K	2750lm	£144.97
KWP50Q65/MS	50W	4000K	4400lm	£159.65

Order Code

KWP30Q65-W40
KWP30Q65/DS-W40
KWP30Q65/MS-W40

KWP50Q65-W40
KWP50Q65/DS-W40
KWP50Q65/MS-W40

Dimensions



5 5 Years
Standard Warranty

7 7 Years
Extended Warranty

2000V
Surge Protection
(L to GND)

Kaz **NEW** Available
Sep 2020

Narrow wall pack with integrated LED

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



Dusk to dawn sensor

General Specification

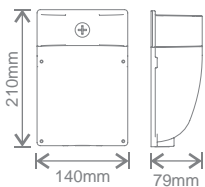
Voltage 220-240Vac
50-60Hz
CRI >80
Life Time 40,000h
Power Factor >0.94
Ambient Temp -20°C to 40°C
Housing Polycarbonate



Order Code

KWP15Q165/DS-W30
KWP15Q165/DS-W40

Dimensions



Order Code	Power	Beam Angle	CCT	Lumen	Trade Price
KWP15Q165/DS	15W	120°	3000K 4000K	1575lm 1650lm	£69.58

NEW Available
Sep 2020

Kabru

Low glare exterior wall-mount LED luminaire

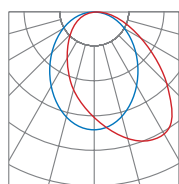
CCT switching



Dusk to dawn sensor



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



65° x 90°

Order Code	Power	Beam Angle	CCT	Lumen	Trade Price
KWP25Q265/DS	25W	65°x90°	3000K	2210lm	£97.94
			4000K	2650lm	
			6500K	2650lm	
KWP45Q265/DS	45W	65°x90°	3000K	4100lm	£149.74
			4000K	4750lm	
			6500K	4750lm	

5 5 Years
Standard Warranty

7 7 Years
Extended Warranty

2000V
Surge Protection
(L to GND)

General Specification

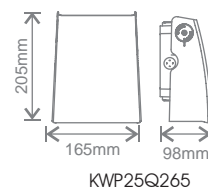
Voltage 220-240Vac
50-60Hz
CRI >80
Life Time 40,000h
Power Factor >0.95
Ambient Temp -20°C to 40°C
Housing Aluminium



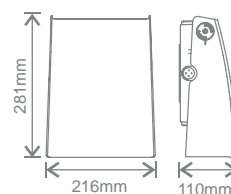
Order Code

KWP25Q265/DS-SCT
KWP45Q265/DS-SCT

Dimensions



KWP25Q265



KWP45Q265



Kosnic replaces inefficient lighting at Yorkshire's professional car detailing specialists, Bespoke Detailing Solutions with the most up-to-date LED technology.

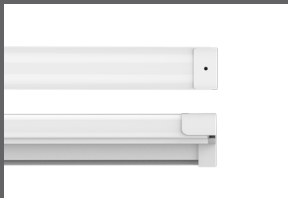
Bespoke Detailing Solutions

Location: Brighouse

Solution: Kali Standard 295x1195mm panels and high lumen 7W GU10's

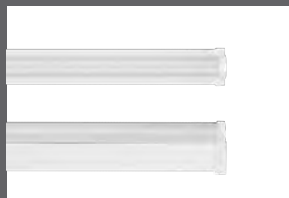


4
Linear Luminaire



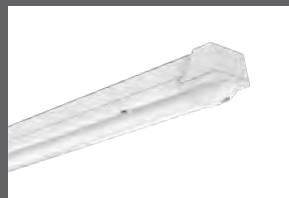
Lena

96



Niva II

97



Mira

99



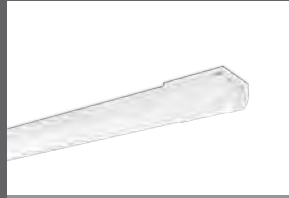
Kasai

100



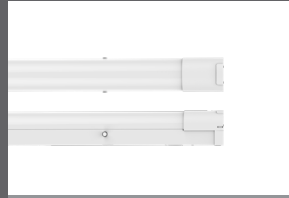
Arno

101



Arno-Pro

102



Arno-Retro

103



Slim-Line

104



Kennet

105



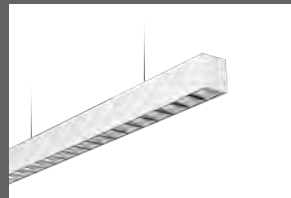
Milo

106



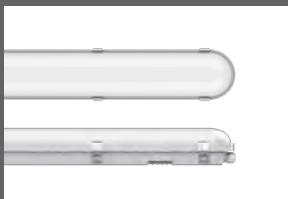
Isar

107



Nile II

108



Congo

112



Trent

113



Trent OnSite

115



Avon II

116



Avon III

117



Tyne

118



Rio

119



Indus

120



Volta

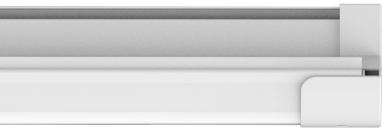
121



Volga

122

Interior Batten Comparison



Lena

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



Niva II

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

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



Milo

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



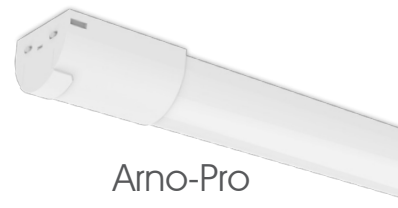
Kennet

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



Mira

4ft		5ft		6ft		CCT Switching 3000K 4000K 6000K	Wattage Switching
1980lm 2160lm 2160lm (18W) (Default)	3520lm 3840lm 3840lm (32W) (Alternative)	3960lm 4320lm 4320lm (36W) (Default)	5280lm 5760lm 5760lm (48W) (Alternative)	4950lm 5400lm 5400lm (45W) (Default)	6600lm 7200lm 7200lm (60W) (Alternative)		



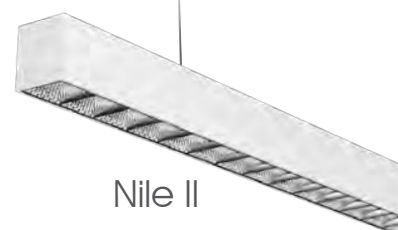
Arno-Pro

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



Slim-line II

4ft	5ft	4000K LED Integrated	Back Light Suspension Kit	DALI
5000lm (45W)	6500lm (60W)			



Nile II

Lena Interior LED Batten

Modular LED Batten

with plug-in motion sensor and emergency module



Enhanced Heat dissipation

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

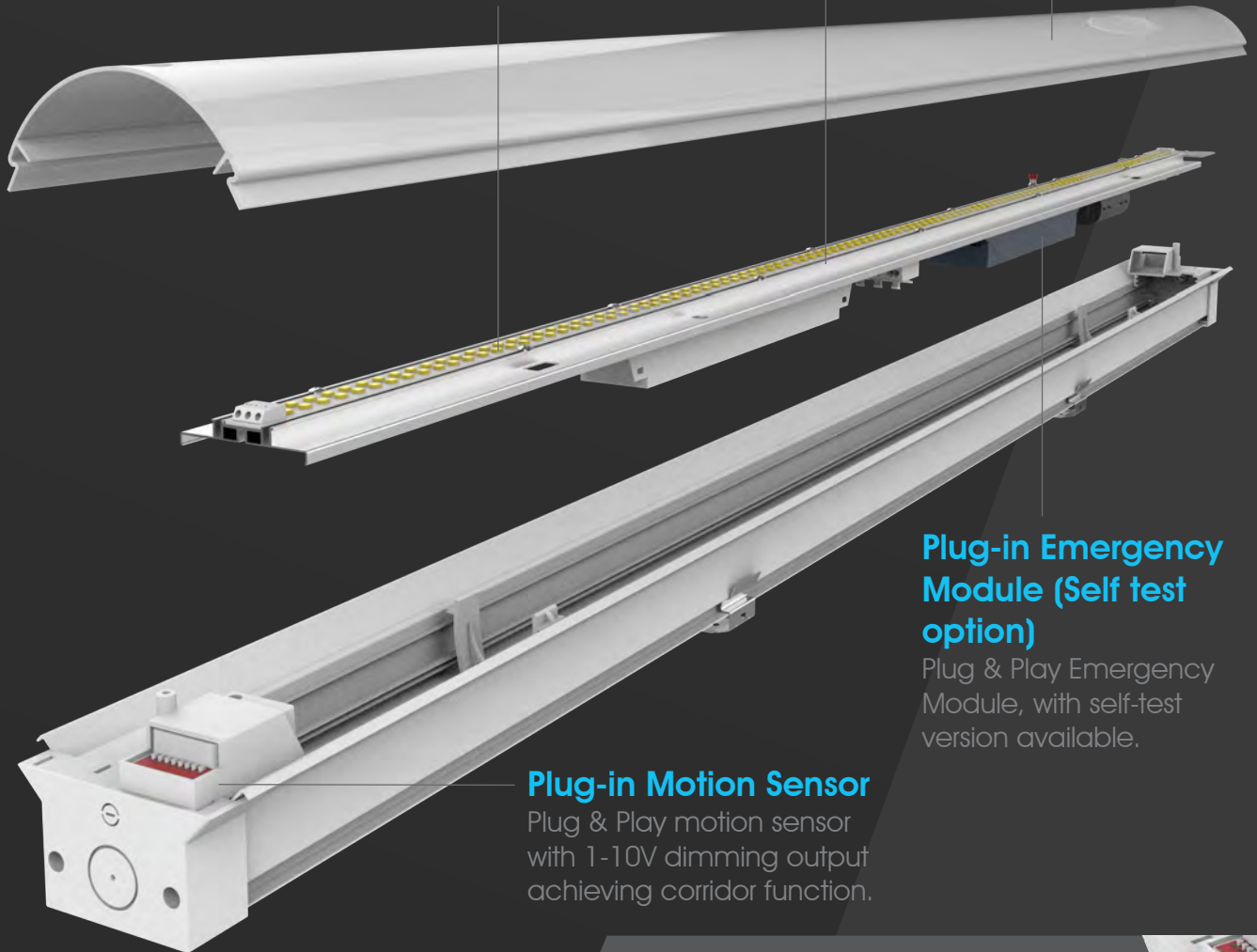
Clip-on PC diffuser

Optical polycarbonate diffuser with transmittance above 90%.



Colour temperature switching

CCT switchable
3000K/4000K/5000K.



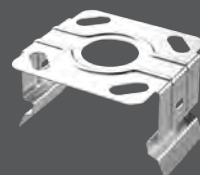
Plug-in Emergency Module (Self test option)

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

Plug-in Motion Sensor

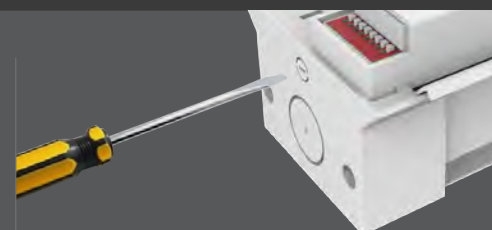
Plug & Play motion sensor with 1-10V dimming output achieving corridor function.

Patent



BESA Box Clip

Clips included for installation on DESA box



Built-in LED indicator

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

Lena

Interior batten with integrated LED

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

Plug-in emergency



Plug-in corridor sensor



CCT switching



Flicker free



Modular design



Ultra high efficiency



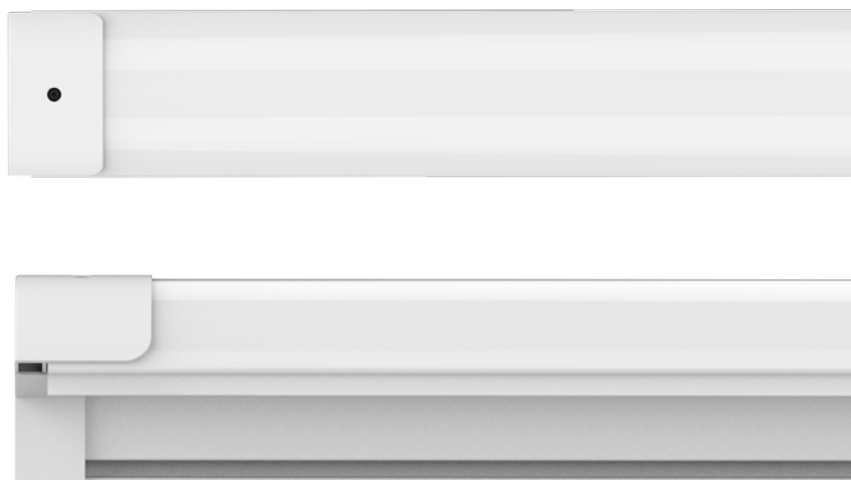
5 5 Years
Standard Warranty

7 7 Years
Extended Warranty

2000V
Surge Protection
(L to GND)



Microwave Sensor
KBTNLS1-MWS2



General Specification

Voltage	220-240Vac 50-60Hz
CRI	82
Life Time	40,000h
Power Factor	0.95
Ambient Temp	-20°C to 40°C
Housing	Polycarbonate



Order Code

KBTNLS30LS1/SCT
KBTNLS48LS1/SCT
KBTNLS65LS1/SCT

Order Code	Power	Length	CCT	Lumen	Trade Price
KBTNLS30LS1	30W	4ft	Switchable*	3300lm (3000K)	£157.66
				3600lm (4000K)	
				3600lm (6000K)	
KBTNLS48LS1	48W	5ft	Switchable*	5280lm (3000K)	£168.55
				5760lm (4000K)	
				5760lm (6000K)	
KBTNLS65LS1	65W	6ft	Switchable*	7150lm (3000K)	£245.99
				7800lm (4000K)	
				7800lm (6000K)	

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

Accessories

Type	Order code	Description	Trade Price*
Emergency module	CEW05LBL/N	Emergency, with Li-Ion battery	£93.80
Self-Test emergency module	CEW05LBL/S	Self-test emergency, with Li-Ion battery	£111.54
Microwave Sensor	KBTNLS1-MWS2	Microwave motion and daylight sensor	£24.54
Suspension Kit	KPTBTN/SUS1	Pair of 1m suspension wires	£12.38
BESA Box Clip	KBTNLS1-BESA	Mounting clip for installation on a BESA box	£2.42

Dimensions



5 5 Years
Standard Warranty

7 7 Years
Extended Warranty

2000V
Surge Protection
(L to GND)

Niva II

Upgrade
Sep 2020
Sensor+DALI versions

Interior batten with integrated LED

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

Plug-in emergency

Built-in motion sensor

CCT switching

Modular design

Ultra high efficiency

General Specification

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



Order Code

KBTN20LS4/SCT
KBTN20LS4/SCT/S
KBTN20LS4/SCT/D

KBTN30LS4/SCT
KBTN30LS4/SCT/S
KBTN30LS4/SCT/D

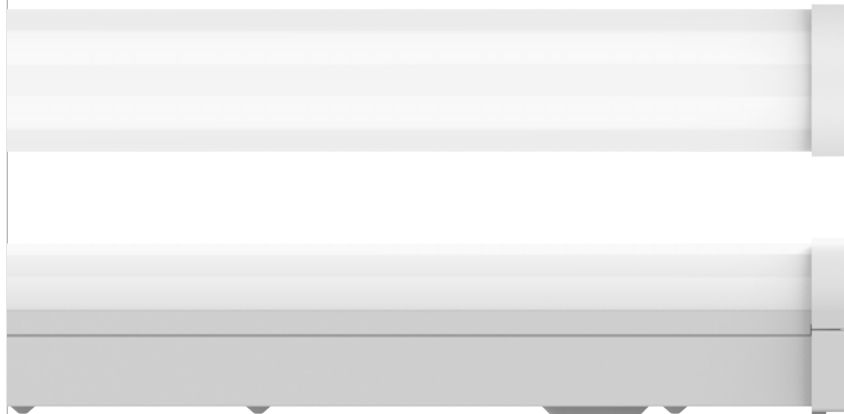
KBTN40LS4/SCT
KBTN40LS4/SCT/S
KBTN40LS4/SCT/D

KBTN30LS3/SCT
KBTN30LS3/SCT/S
KBTN30LS3/SCT/D

KBTN50LS3/SCT
KBTN50LS3/SCT/S
KBTN50LS3/SCT/D

KBTN70LS3/SCT
KBTN70LS3/SCT/S
KBTN70LS3/SCT/D

Dimensions



Single Output (with light output of single T8 batten)

Order Code	Type	Power	Length	CCT	Lumen	Trade Price
KBTN20LS4/SCT	Standard	20W	4ft	Switchable*	2400lm(3000K)	£64.44
					2600lm(4000K)	
					2600lm(6000K)	
KBTN20LS4/SCT/S	Sensor	20W	4ft	Switchable*	2400lm(3000K)	£107.04
					2600lm(4000K)	
					2600lm(6000K)	
KBTN20LS4/SCT/D	DALI	20W	4ft	Switchable*	2400lm(3000K)	£186.64
					2600lm(4000K)	
					2600lm(6000K)	
KBTN30LS4/SCT	Standard	30W	5ft	Switchable*	3600lm(3000K)	£86.16
					3900lm(4000K)	
					3900lm(6000K)	
KBTN30LS4/SCT/S	Sensor	30W	5ft	Switchable*	3600lm(3000K)	£123.62
					3900lm(4000K)	
					3900lm(6000K)	
KBTN30LS4/SCT/D	DALI	30W	5ft	Switchable*	3600lm(3000K)	£156.82
					3900lm(4000K)	
					3900lm(6000K)	
KBTN40LS4/SCT	Standard	40W	6ft	Switchable*	4800lm(3000K)	£104.72
					5200lm(4000K)	
					5200lm(6000K)	
KBTN40LS4/SCT/S	Sensor	40W	6ft	Switchable*	4800lm(3000K)	£144.34
					5200lm(4000K)	
					5200lm(6000K)	
KBTN40LS4/SCT/D	DALI	40W	6ft	Switchable*	4800lm(3000K)	£186.96
					5200lm(4000K)	
					5200lm(6000K)	

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

Twin Output(with light output of twin T8 batten)

Order Code	Type	Power	Length	CCT	Lumen	Trade Price
KBTN30LS3/SCT	Standard	30W	4ft	Switchable*	3600lm (3000K) 3900lm (4000K) 3900lm (6000K)	£73.67
KBTN30LS3/SCT/S	Sensor	30W	4ft	Switchable*	3600lm (3000K) 3900lm (4000K) 3900lm (6000K)	£109.57
KBTN30LS3/SCT/D	DALI	30W	4ft	Switchable*	3600lm (3000K) 3900lm (4000K) 3900lm (6000K)	£141.96
KBTN50LS3/SCT	Standard	50W	5ft	Switchable*	5800lm (3000K) 6300lm (4000K) 6300lm (6000K)	£100.96
KBTN50LS3/SCT/S	Sensor	50W	5ft	Switchable*	5800lm (3000K) 6300lm (4000K) 6300lm (6000K)	£140.22
KBTN50LS3/SCT/D	DALI	50W	5ft	Switchable*	5800lm (3000K) 6300lm (4000K) 6300lm (6000K)	£179.39
KBTN70LS3/SCT	Standard	70W	6ft	Switchable*	8400lm (3000K) 9100lm (4000K) 9100lm (6000K)	£128.28
KBTN70LS3/SCT/S	Sensor	70W	6ft	Switchable*	8400lm (3000K) 9100lm (4000K) 9100lm (6000K)	£180.98
KBTN70LS3/SCT/D	DALI	70W	6ft	Switchable*	8400lm (3000K) 9100lm (4000K) 9100lm (6000K)	£222.49

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

Accessories

Type	Order code	Description	Trade Price*
Emergency module	CEW05LBL/N	Emergency, with Li-Ion battery	£93.80
Self-Test emergency module	CEW05LBL/S	Self-test emergency, with Li-Ion battery	£111.54

3 3 Years
Standard Warranty

5 5 Years
Extended Warranty

2000V
Surge Protection
(L to GND)

General Specification

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



Mira

Interior batten with integrated LED

- Retrofit replacement of traditional T8 single and twin battens.
- Option of integrated emergency version
- Option of reflectors

Built-in emergency

Ultra high efficiency



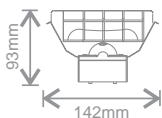
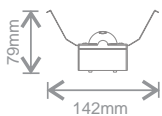
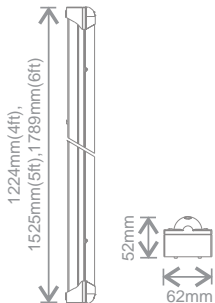
▲ With Reflector & Guard Cage

Order Code

KBTN20LS7-W40
KBTN20LS7/E-W40
KBTN30LS7-W40
KBTN30LS7/E-W40
KBTN40LS7-W40
KBTN40LS7/E-W40

KBTN30LS8-W40
KBTN30LS8/E-W40
KBTN50LS8-W40
KBTN50LS8/E-W40
KBTN60LS8-W40
KBTN60LS8/E-W40

Dimensions



Single Output(with light output of single T8 batten)

Order Code	Type	Power	Length	CCT	Lumen	Trade Price
KBTN20LS7	Standard	20W	4ft	4000K	2400lm	£53.53
KBTN20LS7/E	Emergency	20W	4ft	4000K	2400lm	£96.05
KBTN30LS7	Standard	30W	5ft	4000K	3600lm	£64.71
KBTN30LS7/E	Emergency	30W	5ft	4000K	3600lm	£106.75
KBTN40LS7	Standard	40W	6ft	4000K	4800lm	£69.25
KBTN40LS7/E	Emergency	40W	6ft	4000K	4800lm	£112.92

Twin Output(with light output of twin T8 batten)

Order Code	Type	Power	Length	CCT	Lumen	Trade Price
KBTN30LS8	Standard	30W	4ft	4000K	3600lm	£58.62
KBTN30LS8/E	Emergency	30W	4ft	4000K	3600lm	£100.00
KBTN50LS8	Standard	50W	5ft	4000K	6000lm	£68.62
KBTN50LS8/E	Emergency	50W	5ft	4000K	6000lm	£110.81
KBTN60LS8	Standard	60W	6ft	4000K	7200lm	£74.67
KBTN60LS8/E	Emergency	60W	6ft	4000K	7200lm	£118.15

Accessories

Type	Order Code	Description	Trade Price
Reflector	KPT-R4F-WHT	Reflector for 20W/30W 4ft batten	£9.84
Reflector	KPT-R5F-WHT	Reflector for 30W/50W 5ft batten	£14.86
Reflector	KPT-R6F-WHT	Reflector for 40W/60W 6ft batten	£17.17
Guard Cage	KPT-GC4F	Guard cage for 4ft batten	£10.07
Guard Cage	KPT-GC5F	Guard cage for 5ft batten	£12.08
Guard Cage	KPT-GC6F	Guard cage for 6ft batten	£13.99

Battery

Order Code	Type	Capacity	Trade Price
KBAT2200LI3	Li-Ion	2200mAh	£26.79

Upgrade
Apr 2020
T8 tube not
included

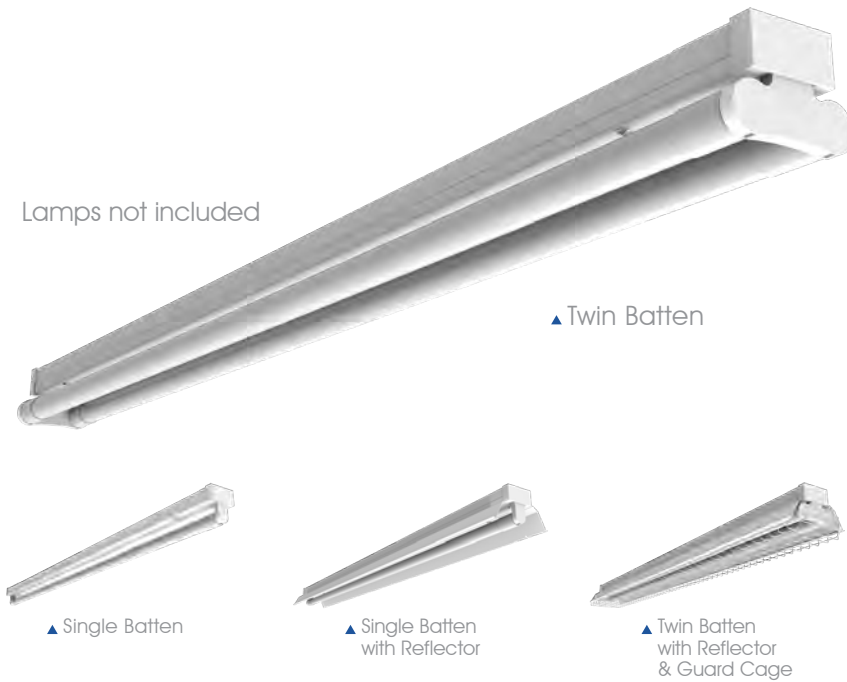
Kasai

Prewired batten for LED T8 lamps

• Optional reflector and guard cage

5 5 Years
Standard Warranty

Lamps not included



General Specification

Voltage 220-240Vac
50-60Hz
Housing Steel



Order Code

KEBNT8LS204F1
KEBNT8LS204F2

KEBNT8LS205F1
KEBNT8LS205F2

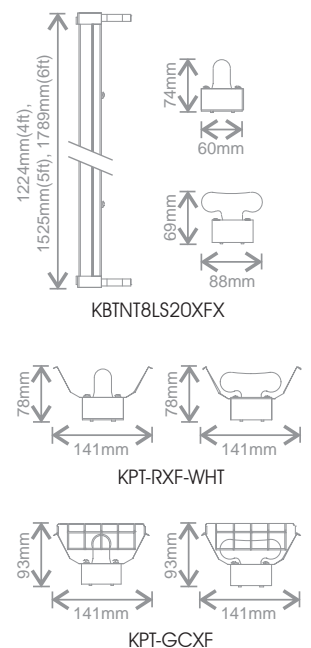
KEBNT8LS206F1
KEBNT8LS206F2

Order Code	Model	Lamp (not included)	Trade Price
KEBNT8LS204F1	4ft single	1 x 4ft LED T8	£31.84
KEBNT8LS204F2	4ft twin	2 x 4ft LED T8	£32.65
KEBNT8LS205F1	5ft single	1 x 5ft LED T8	£36.66
KEBNT8LS205F2	5ft twin	2 x 5ft LED T8	£37.47
KEBNT8LS206F1	6ft single	1 x 6ft LED T8	£41.22
KEBNT8LS206F2	6ft twin	2 x 6ft LED T8	£42.04

Accessories

Type	Order Code	Description	Models	Trade Price
Reflector	KPT-R4F-WHT	White powder coated sheet steel reflector	KEBNT8LS204F1 KEBNT8LS204F2	£9.84
Reflector	KPT-R5F-WHT	White powder coated sheet steel reflector	KEBNT8LS205F1 KEBNT8LS205F2	£14.86
Reflector	KPT-R6F-WHT	White powder coated sheet steel reflector	KEBNT8LS206F1 KEBNT8LS206F2	£17.17
Guard Cage	KPT-GC4F	Guard cage for single or twin 4ft LED T8 batten	KEBNT8LS204F1 KEBNT8LS204F2	£10.07
Guard Cage	KPT-GC5F	Guard cage for single or twin 5ft LED T8 batten	KEBNT8LS205F1 KEBNT8LS205F2	£12.08
Guard Cage	KPT-GC6F	Guard cage for single or twin 6ft LED T8 batten	KEBNT8LS206F1 KEBNT8LS206F2	£13.99

Dimensions



3 3 Years
Standard Warranty

5 5 Years
Extended Warranty

1000V
Surge Protection

Arno

Upgrade
Jul 2020
2ft model

Thin profile interior batten with integrated LED

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

General Specification

Voltage 220-240Vac
50-60Hz
CRI >80
Life Time 40,000h
Power Factor >0.53
Ambient Temp -20°C to 40°C
Housing Polycarbonate



Order Code

KBTN12LS5-W40
KBTN18LS5-W40
KBTN36LS5-W40
KBTN45LS5-W40

KBTN18LS6-W40
KBTN32LS6-W40
KBTN48LS6-W40
KBTN60LS6-W40

KBTN12LS5-W65
KBTN18LS5-W65
KBTN36LS5-W65
KBTN45LS5-W65

KBTN18LS6-W65
KBTN32LS6-W65
KBTN48LS6-W65
KBTN60LS6-W65

Dimensions



Single Output (with light output of single T8 batten)

Order Code	Power	Length	CCT	Lumen	Trade Price
KBTN12LS5	12W	2ft	4000K 6500K	1320lm	£21.65
KBTN18LS5	18W	4ft	4000K 6500K	1980lm	£33.30
KBTN36LS5	36W	5ft	4000K 6500K	3960lm	£50.33
KBTN45LS5	45W	6ft	4000K 6500K	4950lm	£61.95

Twin Output (with light output of twin T8 batten)

Order Code	Power	Length	CCT	Lumen	Trade Price
KBTN18LS6	18W	2ft	4000K 6500K	1980lm	£24.35
KBTN32LS6	32W	4ft	4000K 6500K	3520lm	£36.91
KBTN48LS6	48W	5ft	4000K 6500K	5280lm	£55.74
KBTN60LS6	60W	6ft	4000K 6500K	6600lm	£68.26

NEW Available Sep 2020

Arno-Pro

Wattage and CCT switchable interior LED batten

Plug-in corridor sensor 

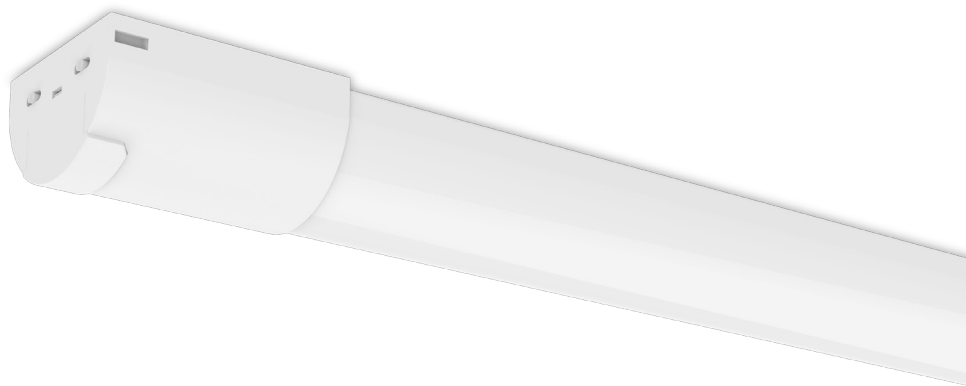
CCT switching 

Wattage switching 

Modular design 

Ultra high efficiency 

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



Sensor



Microwave Sensor
KBTNLS1-MWS2

General Specification

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



Order Code

KBTN1832LS15/SCT
KBTN3648LS15/SCT
KBTN4560LS15/SCT

Dimensions



Order Code	Default Power	Alternative Power	Length	CCT	Lumen	Trade Price
KBTN1832LS15	18W	-	4ft	Switchable*	1980lm(3000K) 2160lm(4000K) 2160lm(6000K)	£61.67
	-	32W	4ft	Switchable*	3520lm(3000K) 3840lm(4000K) 3840lm(6000K)	
	-	48W	5ft	Switchable*	3960lm(3000K) 4320lm(4000K) 4320lm(6000K)	
KBTN3648LS15	36W	-	5ft	Switchable*	5280lm(3000K) 5760lm(4000K) 5760lm(6000K)	£77.00
	-	48W	5ft	Switchable*	5760lm(3000K) 5760lm(4000K) 5760lm(6000K)	
	-	60W	6ft	Switchable*	4950lm(3000K) 5400lm(4000K) 5400lm(6000K)	
KBTN4560LS15	45W	-	6ft	Switchable*	6600lm(3000K) 7200lm(4000K) 7200lm(6000K)	£96.82
	-	60W	6ft	Switchable*	6600lm(3000K) 7200lm(4000K) 7200lm(6000K)	
	-	60W	6ft	Switchable*	6600lm(3000K) 7200lm(4000K) 7200lm(6000K)	

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

Options Gear

Type	Order code	Description	Trade Price
Microwave Sensor	KBTNLS1-MWS2	Microwave motion and daylight sensor	£24.54

NEW Available
Sep 2020

Arno-Retro

Wattage and CCT switchable retro-fit interior LED batten

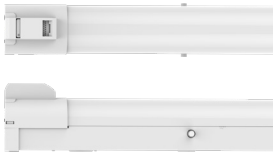
- Sheet metal base box that retrofits the traditional T8 battens
- 20mm conduit entry and BESA box fitting points
- Option of base with emergency module
- High efficiency of 120lm/W
- Switchable CCT (3000K/4000K/6000K)
- 2 switchable wattage
- Easy installation with surface mounting clips.
- Plug-in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

- Plug-in corridor sensor
- Built-in emergency
- CCT switching
- Wattage switching
- Flicker free
- Modular design
- Ultra high efficiency

3 3 Years
Standard Warranty

5 5 Years
Extended Warranty

1000V
Surge Protection



Sensor



Microwave Sensor
KBTNLS1-MWS2

General Specification

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



Order Code

KBTN1832LS16/SCT
KBTN3648LS16/SCT
KBTN4560LS16/SCT

KBTN1832LS16/E/SCT
KBTN3648LS16/E/SCT
KBTN4560LS16/E/SCT

Dimensions



Order Code	Default Power	Alternative Power	Length	CCT	Lumen	Trade Price
KBTN1832LS16	18W	-	4ft	Switchable*	1980lm(3000K)	£83.14
					2160lm(4000K)	
					2160lm(6000K)	
KBTN3648LS16	-	32W	4ft	Switchable*	3520lm(3000K)	£100.58
					3840lm(4000K)	
					3840lm(6000K)	
					3960lm(3000K)	
KBTN4560LS16	45W	-	6ft	Switchable*	4320lm(4000K)	£122.74
					4320lm(6000K)	
					4950lm(3000K)	
KBTN4560LS16	-	60W	6ft	Switchable*	5280lm(3000K)	£122.74
					5760lm(4000K)	
					5760lm(6000K)	
KBTN4560LS16	-	60W	6ft	Switchable*	4950lm(3000K)	£122.74
					5400lm(4000K)	
					5400lm(6000K)	
KBTN4560LS16	-	60W	6ft	Switchable*	6600lm(3000K)	£122.74
					7200lm(4000K)	
					7200lm(6000K)	

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

Emergency Options

Suffix	Description	Trade Price
KBTN1832LS16/E	Emergency with LiFePO4 battery	£128.56
KBTN3648LS16/E	Emergency with LiFePO4 battery	£149.79
KBTN4560LS16/E	Emergency with LiFePO4 battery	£171.95

Options Gear

Type	Order code	Description	Trade Price
Microwave Sensor	KBTNLS1-MWS2	Microwave motion and daylight sensor	£24.54

Battery

Order Code	Type	Capacity	Trade Price
LFP7302-S20	LifePO4	2000mAh	£21.09

Slim-Line

Slim profile integrated LED batten

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

5 5 Years
Standard Warranty

7 7 Years
Extended Warranty

2000V
Surge Protection
(L to GND)

CCT switching 

Flicker free 

Ultra high efficiency 



▲ Slim-Line II



▲ Slim-Line I

Suspension mount



General Specification

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



Slim-Line II Upgrade Sep 2020

Order Code	Power	Length	CCT	Lumen	Trade Price
KBTN30LS2/SCT	30W	4ft	Switchable*	3600lm (3000K)	£117.29
				3800lm (4000K)	
				3800lm (6000K)	
KBTN45LS2/SCT	45W	5ft	Switchable*	5400lm (3000K)	£139.71
				5600lm (4000K)	
				5600lm (6000K)	

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

Slim-Line I

Order Code	Power	Length	CCT	Lumen	Trade Price
KBTNHS30LS2	30W	4ft	4000K	3800lm	£124.11
KBTNHS45LS2	45W	5ft	4000K	5500lm	£144.50

Accessories

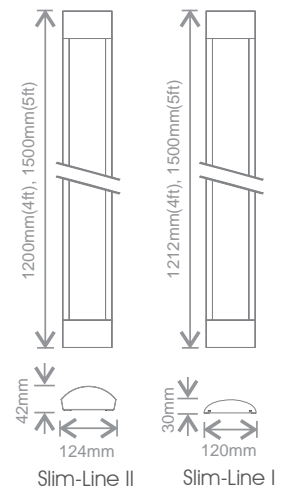
Type	Order Code	Description	Trade Price
Suspension Kit	KPTBTN/SUS2	Maximum 1.3m drop	£6.87

Order Code

KBTN30LS2/SCT
KBTN45LS2/SCT

KBTNHS30LS2-W40
KBTNHS45LS2-W40

Dimensions



5 5 Years
Standard Warranty

7 7 Years
Extended Warranty

2000V
Surge Protection
(L to GND)



Microwave Sensor
KBTNLS1-MWS2

Kennet Upgrade Sep 2020 DALI version

Interior surface mount slim profile batten

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

E Plug-in emergency

S Plug-in corridor sensor

CCT CCT switching

Flicker free

ECO Modular design

General Specification

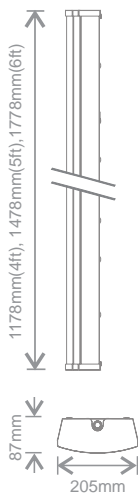
Voltage 220-240Vac
50-60Hz
CRI >80
Life Time 40,000h
Power Factor 0.95
Ambient Temp -20°C to 40°C
Housing Polycarbonate



Order Code

KBTN30LS12/SCT
KBTN30LS12/SCT/D
KBTN48LS12/SCT
KBTN48LS12/SCT/D
KBTN65LS12/SCT
KBTN65LS12/SCT/D

Dimensions



Order Code	Type	Power	Length	CCT	Lumen	Trade Price
KBTN30LS12/SCT	Standard	30W	4ft	Switchable*	3000lm (3000K)	£162.18
					3300lm (4000K)	
					3300lm (6000K)	
KBTN30LS12/SCT/D	DALI	30W	4ft	Switchable*	3000lm (3000K)	£206.11
					3300lm (4000K)	
					3300lm (6000K)	
KBTN48LS12/SCT	Standard	48W	5ft	Switchable*	4800lm (3000K)	£191.18
					5200lm (4000K)	
					5200lm (6000K)	
KBTN48LS12/SCT/D	DALI	48W	5ft	Switchable*	4800lm (3000K)	£248.88
					5200lm (4000K)	
					5200lm (6000K)	
KBTN65LS12/SCT	Standard	65W	6ft	Switchable*	6500lm (3000K)	£225.46
					7100lm (4000K)	
					7100lm (6000K)	
KBTN65LS12/SCT/D	DALI	65W	6ft	Switchable*	6500lm (3000K)	£283.56
					7100lm (4000K)	
					7100lm (6000K)	

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

Accessories

Type	Order code	Description	Trade Price
Emergency module	CEW05LBL/N	Emergency, with Li-Ion battery	£93.80
Self-Test emergency module	CEW05LBL/S	Self-test emergency, with Li-Ion battery	£111.54
Microwave Sensor	KBTNLS1-MWS2	Microwave motion and daylight sensor	£24.54

Milo

Interior batten with edge-lit LED panel

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

Plug-in emergency 

Plug-in on/off sensor 

Wattage switching 

Flicker free 

Modular design 



5 5 Years Standard Warranty

7 7 Years Extended Warranty

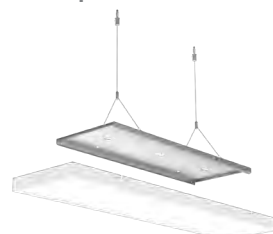
DALI & 1-10V Dimmable Options

1000V Surge Protection

Surface-mount



Suspension mount



General Specification

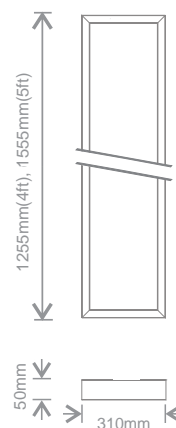
Voltage 220-240Vac
50-60Hz
CRI >80
Life Time 40,000h
Power Factor 0.90
Ambient Temp -20°C to 40°C
Housing Polycarbonate



Order Code

KBTN2328LS9-W40
KBTN3040LS9-W40

Dimensions



Order Code	Default Power	Alternative Power	Length	CCT	Lumen	Trade Price
KBTN2328LS9	23W	-	4ft	4000K	2500lm	£169.01
	-	28W	4ft	4000K	2800lm	
KBTN3040LS9	30W	-	5ft	4000K	3000lm	£229.83
	-	40W	5ft	4000K	4000lm	

Optional Gear

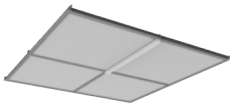
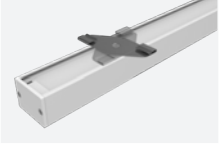
Type	Order Code	Description	Trade Price
Dimmable driver	CYC030TDC25-70	Configurable DALI & 1-10V Dimmable Driver for KBTN2328LS9	£90.79
Dimmable driver	CYC050TDC70-140	Configurable DALI & 1-10V Dimmable Driver for KBTN3040LS9	£105.18
Daylight harvesting	CYS50DLH-PNL	Daylight Harvesting Driver	£100.14
Emergency module	CEW03LIL/N	UEM, 3W, li-ion battery	£97.77
Self-test emergency module	CEW03LIL/S	Self-test UEM, 3W, li-ion battery	£115.04
Presence sensor	CYS-PRS-PNL	On/off presence sensor dedicated to LED panel	£53.20

Accessories

Type	Order Code	Description	Trade Price
Suspension Kit	KPTPNL/SUS3	Maximum 1.0m drop	£10.54

5 5 Years
Standard Warranty

7 7 Years
Extended Warranty



General Specification

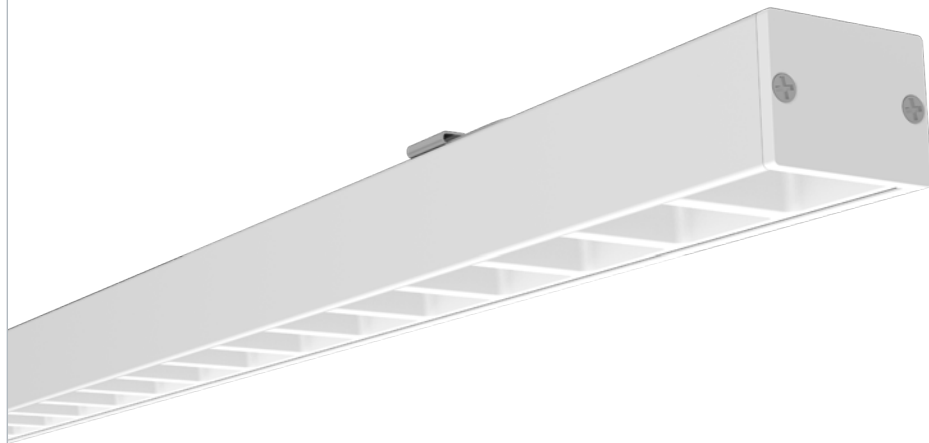
Voltage	48Vdc
CRI	> 80
Life Time	40,000h
Power Factor	1.0
Ambient Temp	-20°C to 40°C
Housing	Aluminium
Diffuser	Polycarbonate



Isar **NEW** Available
Sep 2020

T-bar linkable linear luminaire

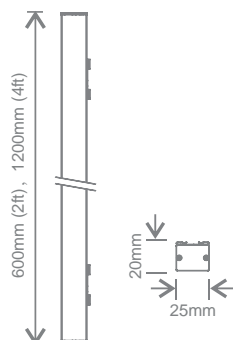
- Easy clip-on installation on T-bar
- Length of 600mm and 1200mm to fit standard suspended ceiling
- Linkable to create desired arrangement
- Choices of constant voltage drivers upto 120W



Order Code

KTGL13LS-W40-WHT
KTGL26LS-W40-WHT

Dimensions



Must be ordered with a power supply

Order Code	Power	Length	Beam Angle	CCT	Lumen	Trade Price
KTGL13LS	13W	600mm(2ft)	90°	4000K	1560lm	£31.50
KTGL26LS	26W	1200mm(4ft)	90°	4000K	3120lm	£64.72

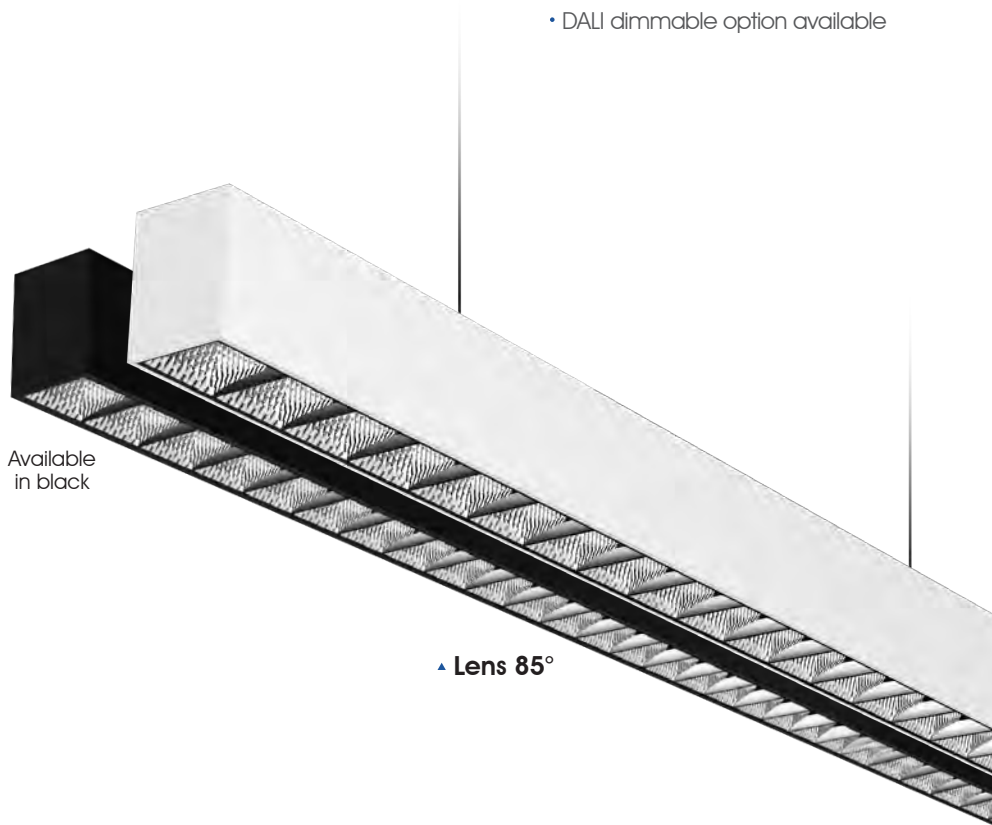
Power Supply

Order Code	Type	Max Power	Output Voltage	Input Voltage	Trade Price
DR-CV-30-48	Standard	30W	48Vdc	180-240Vac 50-60Hz	£59.67
DR-CV-60-48	Standard	60W	48Vdc	180-240Vac 50-60Hz	£81.26
DR-CV-90-48	Standard	90W	48Vdc	180-240Vac 50-60Hz	£162.70
DR-CV-120-48	Standard	120W	48Vdc	180-240Vac 50-60Hz	£198.13
HLG-40H-48AB	1-10V	40W	48Vdc	180-240Vac 50-60Hz	£177.48
HLG-60H-48AB	1-10V	60W	48Vdc	180-240Vac 50-60Hz	£184.86
HLG-80H-48AB	1-10V	80W	48Vdc	180-240Vac 50-60Hz	£217.20
HLG-100H-48AB	1-10V	100W	48Vdc	180-240Vac 50-60Hz	£260.76
HLG-120H-48AB	1-10V	120W	48Vdc	180-240Vac 50-60Hz	£270.88

SPEC LINE Nile II

Interior LED batten with multiple mounting options

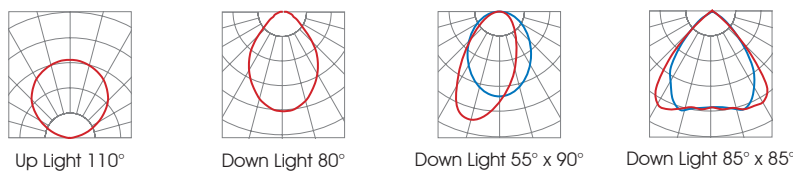
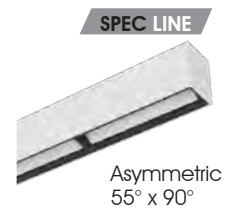
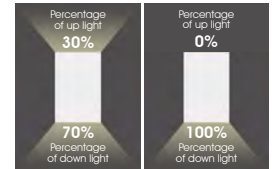
- Slick and stylish design, ideal for modern offices
- Surface, suspension, Global / Unipro 3-circuit or interlock mounting options
 - Variety of diffuser and beam options
- Built-In backlight option available (30% up and 70% down)
 - Low glare, UGR<19 for microprism PC diffuser
 - DALI dimmable option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



5 5 Years Standard Warranty

7 7 Years Extended Warranty

2000V Surge Protection (L to GND)



General Specification

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



Dimensions



Order Code	Type	Power	Length	Beam Angle	Finish	CCT	Lumen	Trade Price
KBTN45LH	Standard	45W	4ft	80° * 85° x 85° 55° x 90°	White Black	4000K	5000lm	£282.59
KBTN45LH/D	DALI	45W	4ft	80° * 85° x 85° 55° x 90°	White Black	4000K	5000lm	£377.92
KBTN60LH	Standard	60W	5ft	80° * 85° x 85° 55° x 90°	White Black	4000K	6500lm	£342.09
KBTN60LH/D	DALI	60W	5ft	80° * 85° x 85° 55° x 90°	White Black	4000K	6500lm	£444.85

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

Surface mount



Included in package

Suspension mount



Included in package

**3-circuit
Global/Unipro Track**

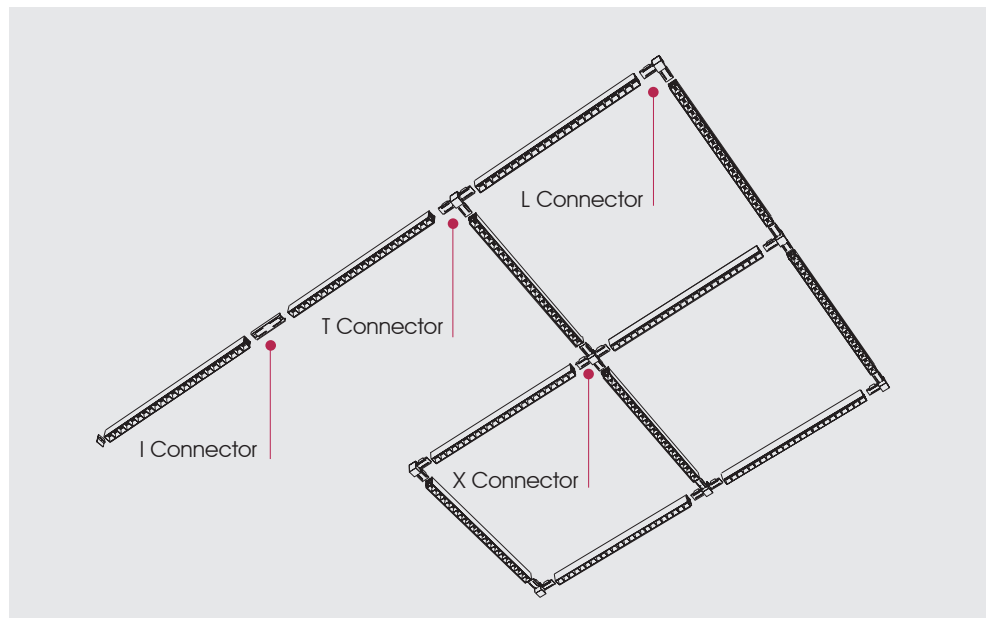


Optional,
order separately

Accessories

Type	Order Code	Description	Trade Price
Track Adaptor	KPT-KBTN-TADA1-WHT	Global/Unipro 3-circuit track, 3-core flex not suitable for dimming	£74.65
Track Adaptor	KPT-KBTN-TADA1-BLK	Global/Unipro 3-circuit track, 3-core flex not suitable for dimming	£74.65
Track Adaptor	KPT-KBTN-TADA2-WHT	Global/Unipro 3-circuit track, 5-core flex suitable for dimming	£89.23
Track Adaptor	KPT-KBTN-TADA2-BLK	Global/Unipro 3-circuit track 5-core flex suitable for dimming	£89.23
Interlock L Connector	KPT-KBTN-CL-WHT	90° Interlock connector in white	£15.18
Interlock L Connector	KPT-KBTN-CL-BLK	90° Interlock connector in black	£15.18
Interlock T Connector	KPT-KBTN-CT-WHT	3-way "T" Interlock connector in white	£18.82
Interlock T Connector	KPT-KBTN-CT-BLK	3-way "T" Interlock connector in black	£18.82
Interlock X Connector	KPT-KBTN-CX-WHT	4-way Interlock connector in white	£23.88
Interlock X Connector	KPT-KBTN-CX-BLK	4-way Interlock connector in black	£23.88
Interlock I Connector	KPT-KBTN-CI	Inline Interlock connector	£10.97
Wiring Connector	KPT-KBTN4F-W1	On/Off 1.2m	£25.80
Wiring Connector	KPT-KBTN5F-W1	On/Off 1.5m	£25.80
Wiring Connector	KPT-KBTN4F-W2	DALI 1.2m	£30.76
Wiring Connector	KPT-KBTN5F-W2	DALI 1.5m	£30.76

Interlock



Order Code

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

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

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

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

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

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

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

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

Exterior Batten Comparison



Trent

4ft				5ft				6ft			
4200lm	2400lm	3000lm	3600lm	5760lm	3240lm	4080lm	4920lm	7440lm	4200lm	5280lm	6360lm
4550lm	2600lm	3250lm	3900lm	6240lm	3510lm	4420lm	5330lm	8060lm	4550lm	5720lm	6890lm
4550lm	2600lm	3250lm	3900lm	6240lm	3510lm	4420lm	5330lm	8060lm	4550lm	5720lm	6890lm
(35W)	(20W)	(25W)	(30W)	(48W)	(27W)	(34W)	(41W)	(62W)	(35W)	(44W)	(53W)
(Default)		(Alternative)		(Default)		(Alternative)		(Default)		(Alternative)	

CCT Switching
3000K 4000K 6000K

Wattage Switching

LED Integrated

IP65

IK10

Integrated Emergency

Integrated Motion Sensor



Congo

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



Avon III

4ft Single	4ft Twin	5ft Single	5ft Twin	4000K	IP65	IK08	Plug & Play Emergency
2500lm	3750lm	3750lm	6250lm				
(20W)	(30W)	(30W)	(50W)				



Indus

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



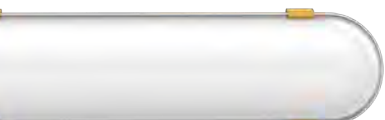
Tyne

4ft	5ft	4000K	IP65	Integrated Emergency
2750lm	4430lm			
(25W)	(40W)			



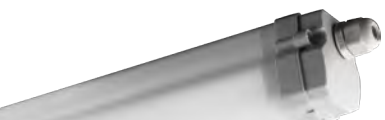
Rio

4ft	5ft	4000K	IP65
3700lm	5000lm		
(28W)	(38W)		



Trent Onsite

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



Volta II

2ft	4ft	5ft	6ft	4000K	IP65
2140lm	3560lm	5930lm	5700lm		
(18W)	(30W)	(50W)	(70W)		

Congo LED Non-corrosive batten

Multi-CCT Modular LED Non-corrosive Batten

with plug-in motion sensor and emergency module

Clip-in Dimmable Sensor

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

Push Wire Connector

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

Stainless Steel Clips

Uses 304 high grade stainless steel.

Gear Tray Prefixed to Cover

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

Push-up Indicator

Built-in emergency indicator

Plug-in Emergency Module (Self-test option)

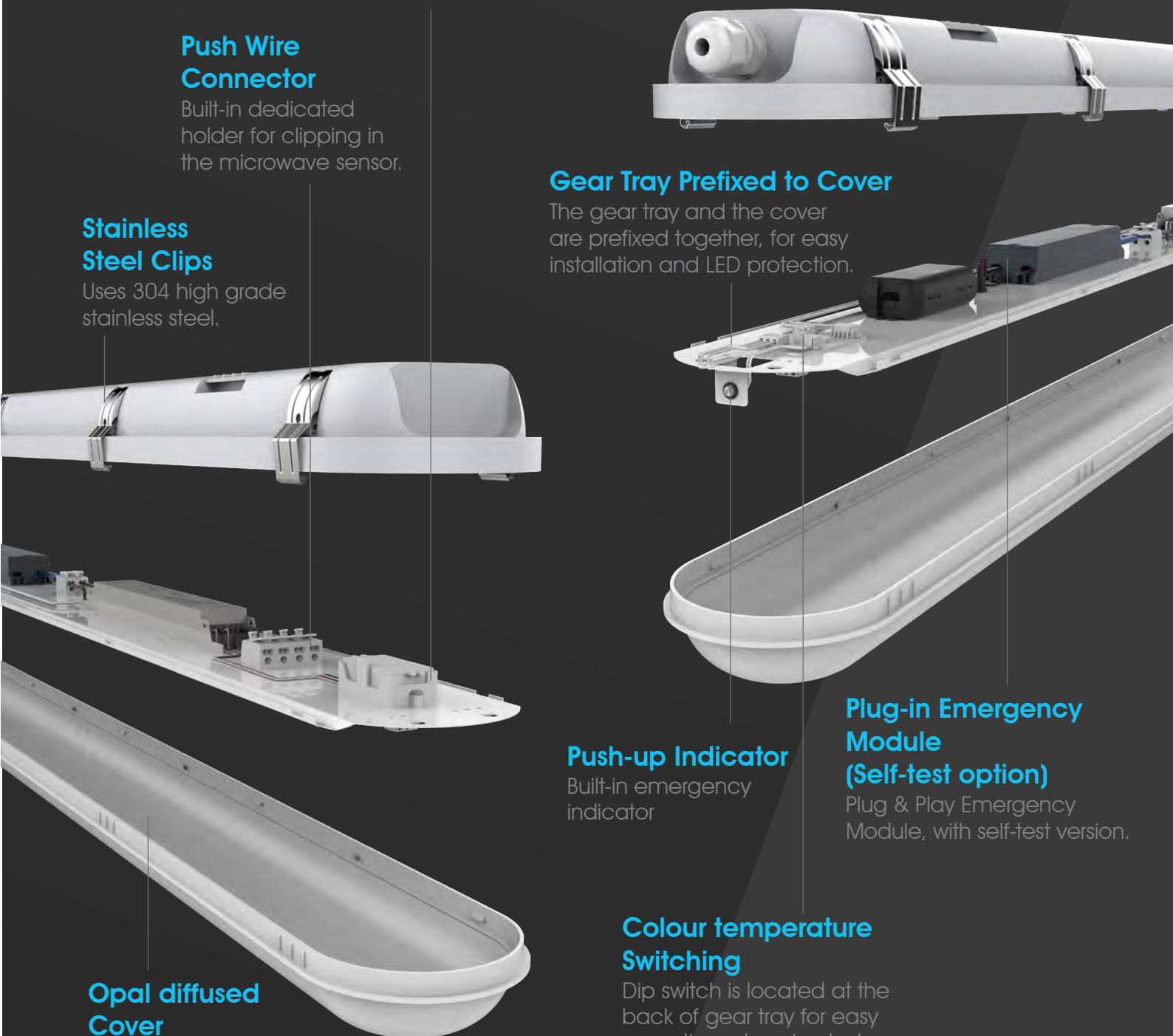
Plug & Play Emergency Module, with self-test version.

Colour temperature Switching

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

Opal diffused Cover

Gives even softer light output with lower glare



Congo

Non-Corrosive linear luminaire with integrated LED

Plug-in emergency 

Plug-in corridor sensor 

CCT switching 

Modular design 

Ultra high efficiency 

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

5 5 Years Standard Warranty

7 7 Years Extended Warranty

2000V Surge Protection (L to GND)



Single, 4ft / 5ft



Twin, 4ft / 5ft



Microwave Sensor
KBTNLS1-MWS2

General Specification

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



Order Code	Power	Length	CCT	Lumen	Trade Price
KNCF24S4F/SCT	24W	4ft single	Switchable*	2650lm (3000K) 2900lm (4000K) 2900lm (6000K)	£122.98
KNCF36T4F/SCT	36W	4ft twin	Switchable*	3950lm (3000K) 4350lm (4000K) 4350lm (6000K)	£133.15
KNCF36S5F/SCT	36W	5ft single	Switchable*	3950lm (3000K) 4350lm (4000K) 4350lm (6000K)	£142.99
KNCF62T5F/SCT	62W	5ft twin	Switchable*	6850lm (3000K) 7400lm (4000K) 7400lm (6000K)	£156.40

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

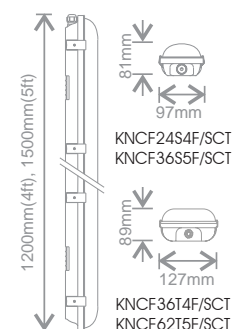
Optional Gear

Type	Order code	Description	Trade Price
Emergency module	CEW05LBL/N	Emergency, with Li-Ion battery	£93.80
Self-Test emergency module	CEW05LBL/S	Self-test emergency, with Li-Ion battery	£111.54
Microwave Sensor	KBTNLS1-MWS2	Microwave motion and daylight sensor	£24.54

Order Code

KNCF24S4F/SCT
KNCF36S5F/SCT
KNCF36T4F/SCT
KNCF62T5F/SCT

Dimensions



5 5 Years
Standard Warranty

7 7 Years
Extended Warranty

2000V
Surge Protection
(L to GND)

Trent NEW Available Sep 2020

Watt and CCT switchable non-corrosive linear luminaire

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

 **Wattage switching**

 **CCT switching**

 **Built-in motion sensor**

 **Built-in emergency**

 **Ultra high efficiency**

General Specification

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



Order Code

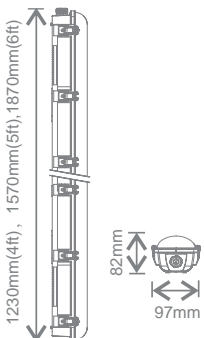
KBTN20-35LS1 4/SCT
KBTN27-48LS1 4/SCT
KBTN35-62LS1 4/SCT

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

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

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

Dimensions



Order Code	Default Power	Alternative Power	Length	CCT	Lumen	Trade Price
KBTN20-35LS14	-	20W	4ft	Switchable*	2400lm(3000K) 2600lm(4000K) 2600lm(6000K)	£109.94
	-	25W			3000lm(3000K) 3250lm(4000K) 3250lm(6000K)	
	-	30W			3600lm(3000K) 3900lm(4000K) 3900lm(6000K)	
	35W	-			4200lm(3000K) 4550lm(4000K) 4550lm(6000K)	
KBTN27-48LS14	-	27W	5ft	Switchable*	3240lm(3000K) 3510lm(4000K) 3510lm(6000K)	£134.24
	-	34W			4080lm(3000K) 4420lm(4000K) 4420lm(6000K)	
	-	41W			4920lm(3000K) 5330lm(4000K) 5330lm(6000K)	
	48W	-			5760lm(3000K) 6240lm(4000K) 6240lm(6000K)	

Order Code	Default Power	Alternative Power	Length	CCT	Lumen	Trade Price
KBTN35-62LS14	-	35W	6ft	Switchable*	4200lm(3000K) 4550lm(4000K) 4550lm(6000K)	£171.38
	-	44W			5280lm(3000K) 5720lm(4000K) 5720lm(6000K)	
	-	53W			6360lm(3000K) 6890lm(4000K) 6890lm(6000K)	
	62W	-			7440lm(3000K) 8060lm(4000K) 8060lm(6000K)	

Options

Suffix	Description	Trade Price*
KBTN20-35LS14/SCT/E	Emergency with LiFePO4 battery	£160.35
KBTN27-48LS14/SCT/E	Emergency with LiFePO4 battery	£184.55
KBTN35-62LS14/SCT/E	Emergency with LiFePO4 battery	£220.34
KBTN20-35LS14/SCT/S	Microwave sensor	£136.46
KBTN27-48LS14/SCT/S	Microwave sensor	£160.66
KBTN35-62LS14/SCT/S	Microwave sensor	£197.80
KBTN20-35LS14/SCT/ES	Emergency & Microwave sensor	£186.77
KBTN27-48LS14/SCT/ES	Emergency & Microwave sensor	£211.07
KBTN35-62LS14/SCT/ES	Emergency & Microwave sensor	£248.21

Battery

Order Code	Type	Capacity	Trade Price
LFP7302-S20	LiFePO4	2000mAh	£21.09

- 3** 3 Years
Standard Warranty
- 5** 5 Years
Extended Warranty
- 2000V**
Surge Protection
(L to GND)
- 100-110V**
Input voltage

Trent OnSite NEW Available Sep 2020

110V non-corrosive linear luminaire for working site applications

- 100-110V input for work site application only
- Emergency models available in 4ft and 5ft
- IP65 and vandal resistant (IK08)

 Built-in emergency

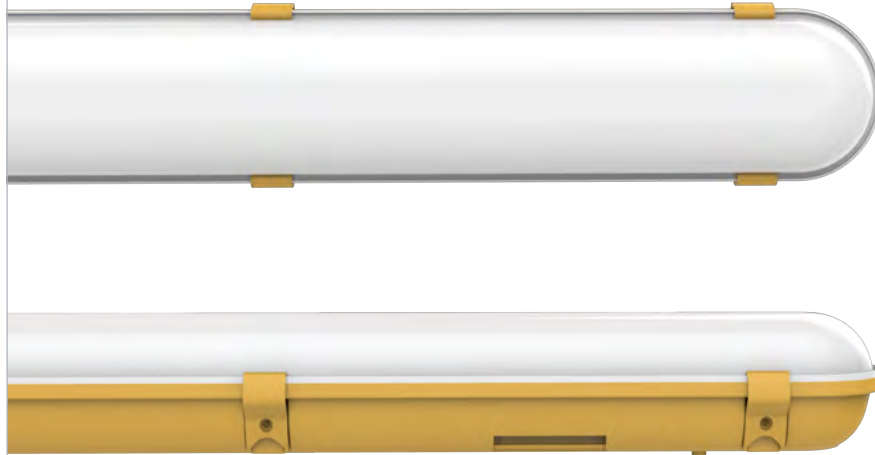
 Flicker free



KBTN-WL-STAND1
Luminaire not included



KBTN-WL-STAND2
Luminaire not included



General Specification

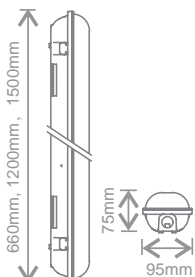
Voltage 100-110Vac
50-60Hz
CRI 80
Life Time 30,000h
Power Factor 0.50(20W)
0.90(25W,50W)
Ambient Temp -10°C to 40°C
Housing ABS
Diffuser PC



Order Code

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

Dimensions



Order Code	Type	Power	Length	Beam Angle	CCT	Lumen	Trade Price
KBTN20WL2F	Standard	20W	2ft	120°	4000K	1800lm	£47.77
KBTN20WL4F	Standard	20W	4ft	120°	4000K	1800lm	£81.94
KBTN20WL4F/E	Emergency	20W	4ft	120°	4000K	1800lm	£134.04
KBTN25WL5F	Standard	25W	5ft	120°	4000K	2250lm	£90.30
KBTN25WL5F/E	Emergency	25W	5ft	120°	4000K	2250lm	£142.40
KBTN50WL5F	Standard	50W	5ft	120°	4000K	4500lm	£106.72
KBTN50WL5F/E	Emergency	50W	5ft	120°	4000K	4500lm	£159.01

Battery

Order Code	Type	Capacity	Trade Price
LFP7302-S20	LiFePO4	2000mAh	£21.09

Accessories

Type	Order Code	Description	Trade Price
Metal Stand	KBTN-WL-STAND1	Stand with 5m cable and yellow CEE 3-pin plug	£212.24
Metal Stand	KBTN-WL-STAND2	Stand with 5m cable and yellow CEE 3-pin plug	£154.70

Avon II

Non-corrosive integrated linear LED luminaire

Plug-in emergency 

Built-in motion sensor 

Modular design 

Ultra high efficiency 

- T8 non-corrosive LED replacement
- IP65 and vandal resistant (IK08)
 - Emergency option
 - 20mm Conduit entry
- Options with microwave on/off sensor



5 5 Years
Standard Warranty

7 7 Years
Extended Warranty

2000V
Surge Protection
(L to GND)



Single, 4ft / 5ft / 6ft



Twin, 4ft / 5ft / 6ft

General Specification

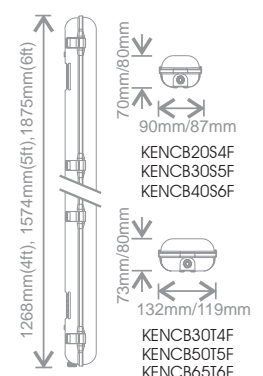
Voltage	220-240Vac 50-60Hz
CRI	82
Life Time	30,000h
Power Factor	0.94
Ambient Temp	-20°C to 40°C
Housing	Polycarbonate



Order Code

- KENCB20S4F-W40
- KENCB20S4F/S-W40
- KENCB30S5F-W40
- KENCB30S5F/S-W40
- KENCB40S6F-W40
- KENCB40S6F/S-W40
- KENCB30T4F-W40
- KENCB30T4F/S-W40
- KENCB50T5F-W40
- KENCB50T5F/S-W40
- KENCB65T6F-W40
- KENCB65T6F/S-W40

Dimensions



Order Code	Type	Power	Length	CCT	Lumen	Trade Price
KENCB20S4F	Standard	20W	4ft single	4000K	2400lm	£75.38
KENCB20S4F/S	Sensor	20W	4ft single	4000K	2400lm	£100.80
KENCB30S5F	Standard	30W	5ft single	4000K	3840lm	£93.12
KENCB30S5F/S	Sensor	30W	5ft single	4000K	3840lm	£120.25
KENCB40S6F	Standard	40W	6ft single	4000K	5000lm	£157.61
KENCB40S6F/S	Sensor	40W	6ft single	4000K	5000lm	£186.43
KENCB30T4F	Standard	30W	4ft twin	4000K	3840lm	£97.96
KENCB30T4F/S	Sensor	30W	4ft twin	4000K	3840lm	£126.22
KENCB50T5F	Standard	50W	5ft twin	4000K	6630lm	£129.81
KENCB50T5F/S	Sensor	50W	5ft twin	4000K	6630lm	£157.26
KENCB65T6F	Standard	65W	6ft twin	4000K	8125lm	£214.41
KENCB65T6F/S	Sensor	65W	6ft twin	4000K	8125lm	£235.01

Accessories

Type	Order code	Description	Trade Price*
Emergency module	CEW05LBL/N	Emergency, with Li-Ion battery	£93.80
Self-Test emergency module	CEW05LBL/S	Self-test emergency, with Li-Ion battery	£111.54

3 3 Years
Standard Warranty

5 5 Years
Extended Warranty

2000V
Surge Protection

Avon III NEW Available Sep 2020

Non-corrosive integrated linear LED luminaire

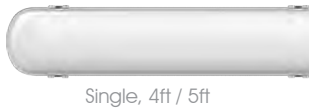
- T8 non-corrosive LED replacement
- IP65 and vandal resistant (IK08)
- Plug-in modular emergency module
- Opal diffuser
- 20mm Conduit entry
- Options with microwave on/off sensor

 Plug-in emergency

 Built-in motion sensor

 Modular design

 Ultra high efficiency



General Specification

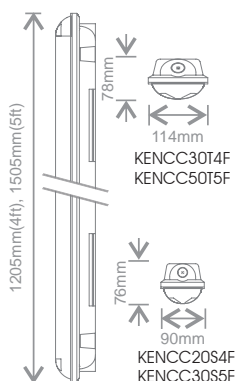
Voltage 220-240Vac
50-60Hz
CRI >82
Life Time 40,000h
Power Factor >0.90
Ambient Temp -20°C to 40°C
Housing Polycarbonate



Order Code

KENCC20S4F-W40
KENCC20S4F/S-W40
KENCC30S5F-W40
KENCC30S5F/S-W40
KENCC30T4F-W40
KENCC30T4F/S-W40
KENCC50T5F-W40
KENCC50T5F/S-W40

Dimensions



Order Code	Type	Power	Length	CCT	Lumen	Trade Price
KENCC20S4F	Standard	20W	4ft single	4000K	2500lm	£80.22
KENCC20S4F/S	Sensor	20W	4ft single	4000K	2500lm	£105.54
KENCC30T4F	Standard	30W	4ft twin	4000K	3750lm	£102.78
KENCC30T4F/S	Sensor	30W	4ft twin	4000K	3750lm	£131.04
KENCC30S5F	Standard	30W	5ft single	4000K	3750lm	£97.89
KENCC30S5F/S	Sensor	30W	5ft single	4000K	3750lm	£124.93
KENCC50T5F	Standard	50W	5ft twin	4000K	6250lm	£134.74
KENCC50T5F/S	Sensor	50W	5ft twin	4000K	6250lm	£162.19

Options Gear

Type	Order code	Description	Trade Price
Emergency module	CEW03PBC/N	EME, 3W, LiFePO4 battery	£93.80

Tyne

Non-corrosive linear luminaire with integrated LED

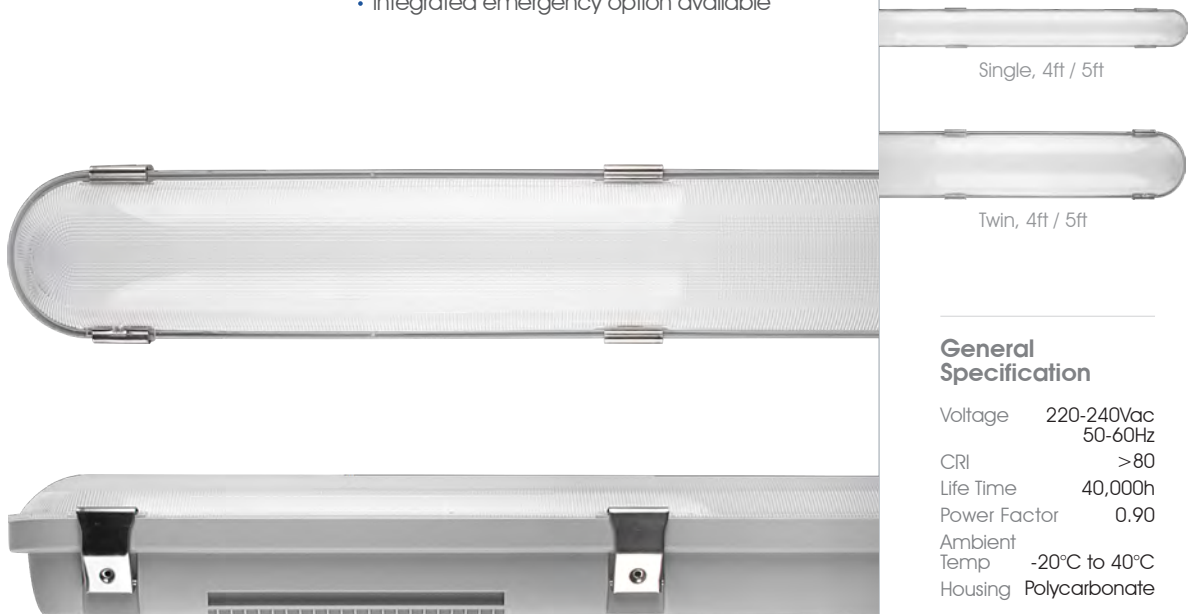
Built-in emergency 

- T5 non-corrosive LED replacement
- Unique lens to enhance light output directly under the luminaire
- Integrated emergency option available

3 3 Years Standard Warranty

5 5 Years Extended Warranty

2000V Surge Protection (L to GND)



Single, 4ft / 5ft

Twin, 4ft / 5ft

General Specification

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



Tyne I

Order Code	Type	Power	Length	CCT	Lumen	Trade Price
KBTN25LS11	Standard	25W	4ft twin	4000K	2750lm	£77.91
KBTN25LS11/E	Emergency	25W	4ft twin	4000K	2750lm	£126.60
KBTN40LS11	Standard	40W	5ft twin	4000K	4430lm	£116.88
KBTN40LS11/E	Emergency	40W	5ft twin	4000K	4430lm	£165.37

Tyne II

NEW Available Sep 2020

Order Code	Type	Power	Length	CCT	Lumen	Trade Price
KBTN18LS11	Standard	18W	4ft single	4000K	2070lm	£72.24
KBTN18LS11/E	Emergency	18W	4ft single	4000K	2070lm	£118.29
KBTN38LS11	Standard	38W	4ft twin	4000K	4730lm	£99.33
KBTN38LS11/E	Emergency	38W	4ft twin	4000K	4730lm	£151.16
KBTN30LS11	Standard	30W	5ft single	4000K	3450lm	£103.09
KBTN30LS11/E	Emergency	30W	5ft single	4000K	3450lm	£154.82
KBTN56LS11	Standard	56W	5ft twin	4000K	6440lm	£123.84
KBTN56LS11/E	Emergency	56W	5ft twin	4000K	6440lm	£175.57

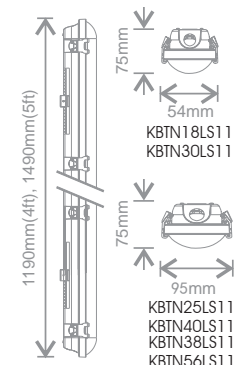
Battery

Order Code	Type	Capacity	Trade Price
KBAT2200LI3	Li-ion	2200mAh	£26.79
LFP7302-S20	LiFePO4	2000mAh	£21.09

Order Code

KBTN25LS11-W40
KBTN25LS11/E-W40
KBTN40LS11-W40
KBTN40LS11/E-W40
KBTN18LS11-W40
KBTN18LS11/E-W40
KBTN38LS11-W40
KBTN38LS11/E-W40
KBTN30LS11-W40
KBTN30LS11/E-W40
KBTN56LS11-W40
KBTN56LS11/E-W40

Dimension



3 3 Years
Standard Warranty

5 5 Years
Extended Warranty

1000V
Surge Protection

Rio

Thin profile non-corrosive linear luminaire with integrated LED

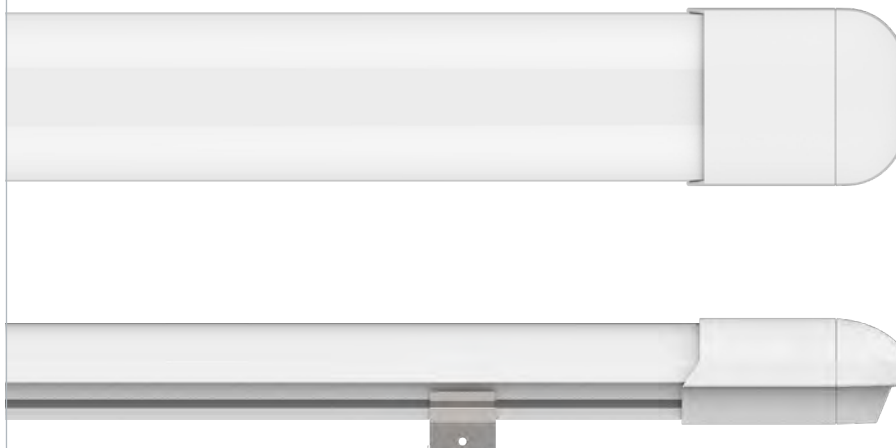
- High efficiency of 118lm/W
- Single ended connections with wires to terminals
- Suitable for interior or outdoor use
- IP65 and durable and rugged IK08 polycarbonate construction



Ultra high efficiency

General Specification

Voltage 220-240Vac
50-60Hz
CRI >80
Life Time 30,000h
Power Factor 0.90
Ambient Temp -20°C to 40°C
Housing Polycarbonate



Order Code

KBTN28LS10-W40
KBTN38LS10-W40

Dimensions



Order Code	Power	Length	CCT	Lumen	Trade Price
KBTN28LS10	28W	4ft	4000K	3700lm	£49.63
KBTN38LS10	38W	5ft	4000K	5000lm	£62.22

Indus

Non-corrosive linear luminaire for Kosnic LED T8 lamps

Built-in emergency 

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

5 5 Years
Standard Warranty



Single, 4ft / 5ft / 6ft



Twin, 4ft / 5ft / 6ft



Luminaire not included

General Specification

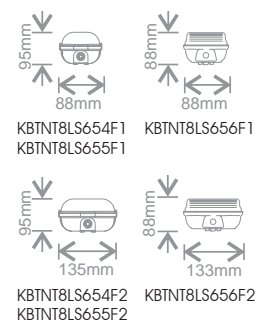
Voltage 220-240Vac
50-60Hz
Housing Polycarbonate



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%	£40.05
KBTNT8LS654F2	4ft twin	2 x 4ft LED T8	92%	£51.54
KBTNT8LS655F1	5ft single	1 x 5ft LED T8	92%	£49.98
KBTNT8LS655F2	5ft twin	2 x 5ft LED T8	92%	£64.81
KBTNT8LS656F1	6ft single	1 x 6ft LED T8	90%	£81.90
KBTNT8LS656F2	6ft twin	2 x 6ft LED T8	90%	£100.16

Emergency Option

Suffix	Description	Trade Price*
/E	Emergency, with Ni-Cd battery	+£83.72

Battery

Order Code	Type	Capacity	Trade Price
KBAT1800NC	Ni-Cd	1800mAh	£28.07

5 5 Years
Standard Warranty

7 7 Years
Extended Warranty

2000V
Surge Protection



Volta-work

General Specification

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



Order Code

KBTN30L65-W65
KBTN50L65-W65

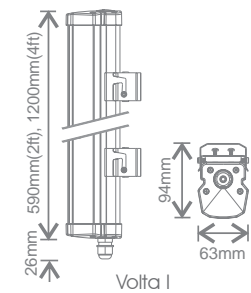
KINC18B2F-W40
KINC18B2F-W65

KINC30B4F-W40
KINC30B4F-W65

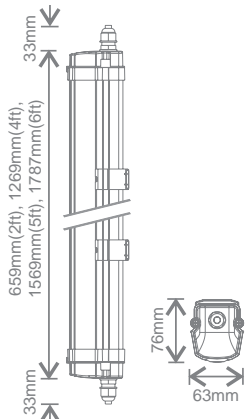
KINC50B5F-W40
KINC50B5F-W65

KINC70B6F-W40
KINC70B6F-W65

Dimensions



Volta I



Volta II

Volta

Non-corrosive batten with integrated LED

- IP65 and vandal resistant (IK08)
- Full polycarbonate body
- Terminal block at both ends (Volta II)
- Designed for interlink connection (Volta II)



Volta I

Order Code	Power	Length	CCT	Lumen	Trade Price
KBTN30L65	30W	2ft	6500K	2700lm	£81.66
KBTN50L65	50W	4ft	6500K	4800lm	£140.74

Volta II

Order Code	Power	Length	CCT	Lumen	Trade Price
KINC18B2F	18W	2ft	4000K 6500K	2140lm	£75.36
KINC30B4F	30W	4ft	4000K 6500K	3560lm	£108.39
KINC50B5F	50W	5ft	4000K 6500K	5930lm	£129.62
KINC70B6F	70W	6ft	4000K 6500K	8300lm	£144.83

NEW Available
Sep 2020

Volga

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

Agriculture Light 

Flicker free 

Ultra high efficiency 

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



5 5 Years
Standard Warranty

7 7 Years
Extended Warranty

2000V
Surge Protection
(L to GND)



General Specification

Voltage	220-240Vac 50-60Hz
CRI	>80
Life Time	40,000h
Power Factor	>0.9
Ambient Temp	-20°C to 40°C
Housing	Aluminum
Diffuser	PMMA



Order Code

KBTN20LS13-W40
KBTN33LS13-W40
KBTN45LS13-W40

Dimensions



Order Code	Power	Length	CCT	Lumen	Trade Price
KBTN20LS13	20W	2ft	4000K	2350lm	£161.59
KBTN33LS13	33W	4ft	4000K	4150lm	£224.93
KBTN45LS13	45W	5ft	4000K	6000lm	£258.88

Accessories

Type	Order Code	Description	Trade Price
Suspension Kit	KPTBTN/SUS1	Pair of 1m suspension wires	£12.38



Kosnic were selected to provide the most efficient LED technology for new university accommodation.

The Quad case study

Location: Norwich

Solution: 18w Nyos edge-lit circular panel downlight, 45w Slim-line interior batten, Universal Emergency Module (UEM) and 50w Lena-I batten with emergency and motion sensor built in.

5 Fire-rated & Commercial Downlights



Mauna 127



Mauna Plus 128



Mauna Pro 130



Ert 132



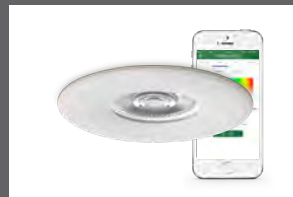
Telica 133



Katla-Pro 137



Katla-Eco 138



Naso 139



Toba 140



Nyos 141



Faceta 142



Napa 145

Mauna LED Fire-rated Downlight

Mauna Pro 7W, 550lm

Front CCT Switch

3000K / 4000K / Dim to warm

Detachable Dimmable Driver

With 3pin plug-in junction box

Push-wire Plug-in Terminal

Loop-in and loop-out



Mauna Plus 6W, 550lm

CCT Switch

3000K / 4000K / 6000K

Integrated Dimmable Driver

Highly efficient and compact

Push-wire Terminals

Loop-in and loop-out

Fixed & Tilt Models

Options of black or white tilting unit



Fixed

Tilt

Fixed CCT

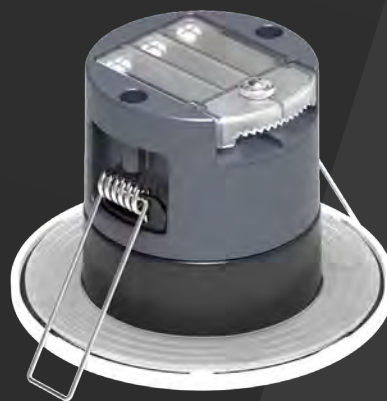
3000K, 4000K or 6500K

Integrated Dimmable Driver

With 3pin plug-in junction box

Screw Terminals

4mm² loop-in & loop-out terminals

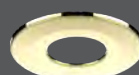


Mauna 6W, 550lm

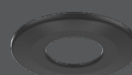
Patent

Magnetic

One set of bezels for three models



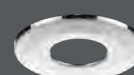
Brass



Matt Black



Matt White



Chrome

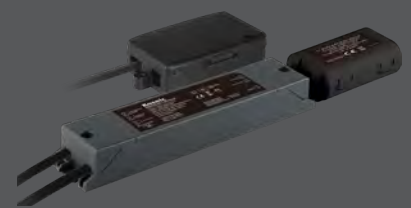


Satin Chrome

Except for Mauna Plus Tilt that uses larger bezels

Mains emergency module

with Self-adhesive indicator pad



- 5** 5 Years
Standard Warranty
- 7** 7 Years
Extended Warranty
- 1000V**
Surge Protection
(L to GND)
- Mains Dimmable**
Dimmable
- 64mm**
Cut-out
- 30/60/90 minutes**
Fire rating

Mauna

Upgrade
Jun 2020
Additional bezels

6W LED fire rated downlight with interchangeable magnetic bezel

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

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



Recommended



Mains emergency module P25

Interchangeable bezel



General Specification

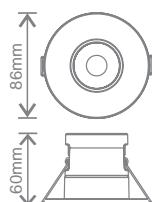
Voltage	220-240Vac 50-60Hz
CRI	>80
Life Time	30,000h
Ambient Temp	-20°C to 40°C
Housing	Zinc coated sheet steel



Order Code

- KFDL06DIM/S30-WHT
- KFDL06DIM/S40-WHT
- KFDL06DIM/S65-WHT
- KPT-06DFBZ-BAS
- KPT-06DFBZ-BLK
- KPT-06DFBZ-WHT
- KPT-06DFBZ-CHM
- KPT-06DFBZ-SCH
- KPT-06DFBZ-SBAS
- KPT-06DFBZ-SBLK
- KPT-06DFBZ-SWHT
- KPT-06DFBZ-SCHM
- KPT-06DFBZ-SSCH

Dimensions



Order Code	Power	Beam Angle	Cut-out	CCT	Lumen	Trade Price
KFDL06DIM	6W	40°	64mm	3000K 4000K 6500K	550lm 560lm 570lm	£24.92

Interchangeable bezel

Order Code	KPT-06DFBZ-BAS	KPT-06DFBZ-BLK	KPT-06DFBZ-WHT	KPT-06DFBZ-CHM	KPT-06DFBZ-SCH
Trade Price	£3.56	£3.56	£3.56	£3.56	£3.56
Order Code	KPT-06DFBZ-SBAS	KPT-06DFBZ-SBLK	KPT-06DFBZ-SWHT	KPT-06DFBZ-SCHM	KPT-06DFBZ-SSCH
Trade Price	£5.00	£5.00	£5.00	£5.00	£5.00

Optional Gear

Type	Order Code	Description	Trade Price
Emergency module	CEL03LIC/N	Three hour rated Li-Ion emergency module	£85.50

RF wireless triac dimmer

Order Code	Max Power	Output Current	Trade Price
CYDIMRFT1	2 x 120W (100 Vac) 2 x 288W (240 Vac)	2 x 1.2 A	£108.07

* See datasheet for recommended number of lamps per dimmer

Patent

Upgrade
Sep 2020
Additional bezels

Mauna Plus Fixed

Add-on emergency 

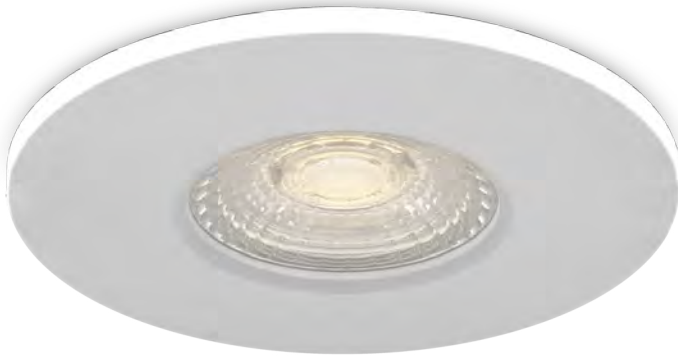
CCT switching 

Magnetic bezel 

Modular design 

6W Dimmable LED fire rated downlight with interchangeable magnetic bezel

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



Interchangeable bezel



Order Code	Power	Beam Angle	Cut-out	CCT	Lumen	Trade Price
KFDL06DIM/SCT	6W	60°	64mm	Switchable*	550lm (3000K) 600lm (4000K) 550lm (6000K)	£31.64

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

Interchangeable bezel

Order Code	KPT-06DFBZ-BAS	KPT-06DFBZ-BLK	KPT-06DFBZ-WHT	KPT-06DFBZ-CHM	KPT-06DFBZ-SCH
Trade Price	£3.56	£3.56	£3.56	£3.56	£3.56
Order Code	KPT-06DFBZ-SBAS	KPT-06DFBZ-SBLK	KPT-06DFBZ-SWHT	KPT-06DFBZ-SCHM	KPT-06DFBZ-SSCH
Trade Price	£5.00	£5.00	£5.00	£5.00	£5.00

Optional Gear

Type	Order Code	Description	Trade Price
Emergency module	CEL03LIC/N	Three hour rated Li-Ion emergency module	£85.50

RF wireless triac dimmer

Order Code	Max Power	Output Current	Trade Price
CYDIMRFT1	2 x 120W (100 Vac) 2 x 288W (240 Vac)	2 x 1.2 A	£108.07

* See datasheet for recommended number of lamps per dimmer

Patent

5 5 Years Standard Warranty

7 7 Years Extended Warranty

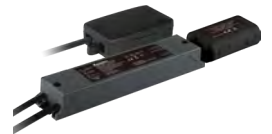
1000V Surge Protection (L to GND)

Mains Dimmable Dimmable

64mm Cut-out

30/60/90 minutes Fire rating

Recommended



Mains emergency P25 module

Push-in wire clip



CCT switch located at the side of the downlight

General Specification

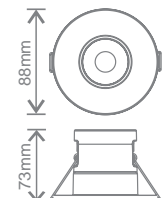
Voltage	220-240Vac 50-60Hz
CRI	>80
Life Time	30,000h
Ambient Temp	-20°C to 40°C
Housing	Zinc coated sheet steel



Order Code

KFDL06DIM/SCT-WHT
KPT-06DFBZ-BAS
KPT-06DFBZ-BLK
KPT-06DFBZ-WHT
KPT-06DFBZ-CHM
KPT-06DFBZ-SCH
KPT-06DFBZ-SBAS
KPT-06DFBZ-SBLK
KPT-06DFBZ-SWHT
KPT-06DFBZ-SCHM
KPT-06DFBZ-SSCH

Dimensions



- 5** 5 Years Standard Warranty
- 7** 7 Years Extended Warranty
- 1000V** Surge Protection (L to GND)
- Mains Dimmable** Dimmable
- 74mm** Cut-out
- 30/60/90 minutes** Fire rating

Recommended



Mains emergency P25 module

Push-in wire clip



CCT switch located at the side of the downlight

General Specification

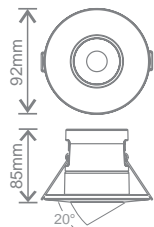
Voltage	220-240Vac 50-60Hz
CRI	>80
Life Time	30,000h
Ambient Temp	-20°C to 40°C
Housing	Zinc coated sheet steel



Order Code

- KFDL06DTW/SCT-WHT
- KFDL06DTB/SCT-SCH
- KPT-06DTBZ-BAS
- KPT-06DTBZ-BLK
- KPT-06DTBZ-WHT
- KPT-06DTBZ-CHM
- KPT-06DTBZ-SCH

Dimensions



Mauna Plus Tilt

Upgrade Sep 2020
Additional bezels

6W Dimmable LED fire rated downlight with interchangeable magnetic bezel

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

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



▲ KFDL06DTW/SCT-WHT



▲ KFDL06DTB/SCT-SCH
Black anti-glare rim with satin chrome bezel included

Interchangeable bezel



Brass
KPT-06DTBZ-BAS



Matt black
KPT-06DTBZ-BLK



Matt white
KPT-06DTBZ-WHT



Polished chrome
KPT-06DTBZ-CHM



Satin chrome
KPT-06DTBZ-SCH

Order Code	Power	Beam Angle	Cut-out	CCT	Lumen	Trade Price
KFDL06DTW/SCT-WHT	6W	60°	74mm	Switchable*	550lm (3000K) 600lm (4000K) 550lm (6000K)	£57.14
KFDL06DTB/SCT-SCH	6W	60°	74mm	Switchable*	550lm (3000K) 600lm (4000K) 550lm (6000K)	£59.82

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

Interchangeable bezel

Order Code	KPT-06DTBZ-BAS	KPT-06DTBZ-BLK	KPT-06DTBZ-WHT	KPT-06DTBZ-CHM	KPT-06DTBZ-SCH
Trade Price	£3.56	£3.56	£3.56	£3.56	£3.56

Optional Gear

Type	Order Code	Description	Trade Price
Emergency module	CEL03LIC/N	Three hour rated Li-Ion emergency module	£85.50

RF wireless triac dimmer

Order Code	Max Power	Output Current	Trade Price
CYDIMRFT1	2 x 120W (100 Vac) 2 x 288W (240 Vac)	2 x 1.2 A	£108.07

* See datasheet for recommended number of lamps per dimmer

Patent

Upgrade
Sep 2020
Additional bezels

Mauna Pro

Add-on emergency 

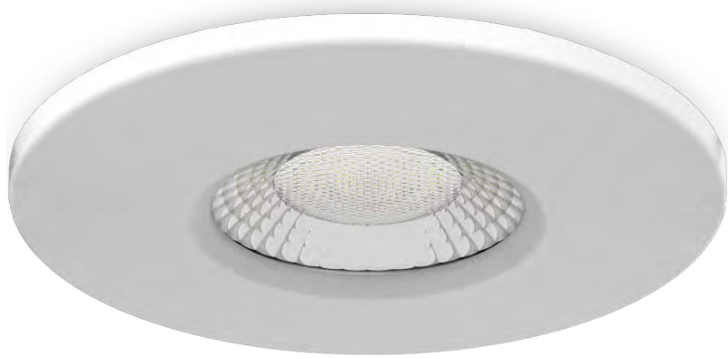
CCT switching 

Magnetic bezel 

Modular design 

7W Dimmable fire rated downlight with interchangeable bezel

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



▲ White bezel included

Interchangeable bezel



Order Code	Power	Beam Angle	Cut-out	CCT	Lumen	Trade Price
KFDL07DIM/SCT	7W	60°	70mm	Switchable*	480lm (3000K) 550lm (4000K)	£61.75

* When CCT switchable, colour temperature switches between 3000K, 4000K & Dim to Warm 3000K-2000K

Interchangeable bezel

Order Code	KPT-06DFBZ-BAS	KPT-06DFBZ-BLK	KPT-06DFBZ-WHT	KPT-06DFBZ-CHM	KPT-06DFBZ-SCH
Trade Price	£3.56	£3.56	£3.56	£3.56	£3.56
Order Code	KPT-06DFBZ-SBAS	KPT-06DFBZ-SBLK	KPT-06DFBZ-SWHT	KPT-06DFBZ-SCHM	KPT-06DFBZ-SSCH
Trade Price	£5.00	£5.00	£5.00	£5.00	£5.00

Optional Gear

Type	Order Code	Description	Trade Price
Emergency module	CEL03LIC/N	Three hour rated Li-Ion emergency module	£85.50

RF wireless triac dimmer

Order Code	Max Power	Output Current	Trade Price
CYDIMRFT1	2 x 120W (100 Vac) 2 x 288W (240 Vac)	2 x 1.2 A	£108.07

* See datasheet for recommended number of lamps per dimmer

- 5** 5 Years Standard Warranty
- 7** 7 Years Extended Warranty
- 500V** Surge Protection
- Mains Dimmable** Dimmable
- 70mm** Cut-out
- 30/60/90 minutes** Fire rating



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

General Specification

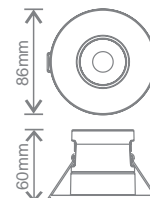
Voltage	220-240Vac 50-60Hz
CRI	>80
Life Time	30,000h
Ambient Temp	-30°C to 40°C
Housing	Zinc coated sheet steel



Order Code

KFDL07DIM/SCT-WHT
KPT-06DFBZ-BAS
KPT-06DFBZ-BLK
KPT-06DFBZ-WHT
KPT-06DFBZ-CHM
KPT-06DFBZ-SCH
KPT-06DFBZ-SBAS
KPT-06DFBZ-SBLK
KPT-06DFBZ-SWHT
KPT-06DFBZ-SCHM
KPT-06DFBZ-SSCH

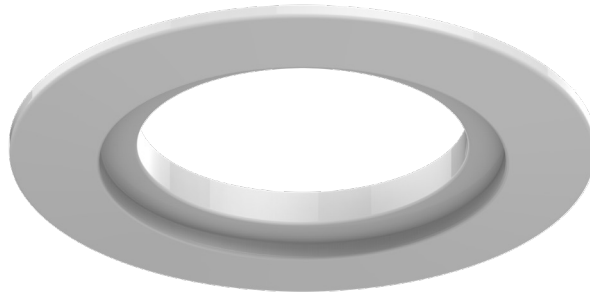
Dimensions



Mauna Conceal Bezel

For Mauna, Mauna Plus Fixed & Mauna Pro Only

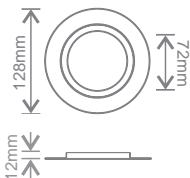
- Fire rated in accordance with Part B
- For cut outs 80-110 mm in diameter
- Option of white and satin chrome
- IP65



Order Code

KPT-MACBZ-WHT
KPT-MACBZ-SCH

Dimensions

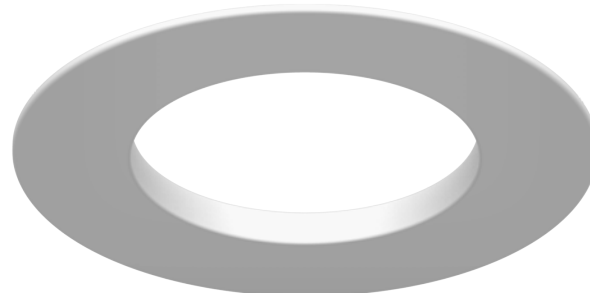


Order Code	Description	Trade Price
KPT-MACBZ-WHT	Conceal bezel for Mauna range fire rated down light, white finishing	£7.30
KPT-MACBZ-SCH	Conceal bezel for Mauna range fire rated down light, satin chrome finishing	£7.51

General Conceal Plate

For down light with cut out of 76mm or less

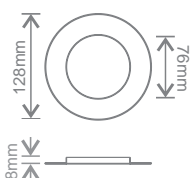
- Fire rated in accordance with Part B
- For cut outs 80-110 mm in diameter
- White finishing
- IP20



Order Code

KPT-GECPL-WHT

Dimensions



Order Code	Description	Trade Price
KPT-GECPL-WHT	General conceal bezel for down light with cut out of 76mm or less, white finishing	£7.30

NEW Available Jun 2020 **Erta**

5W LED fire rated downlight

- Integrated dimmable driver
- Push wire terminals
- Can be installed under Insulation layer
- Compact size

Add-on emergency **E+**

Modular design **ECO**



Satin Chrome

Order Code	Power	Beam Angle	Finish	Cut-out	CCT	Lumen	Trade Price
KFDL05DIM	5W	40°	White	55mm	3000K 4000K 6500K	450lm 470lm 500lm	£22.40
KFDL05DIM	5W	40°	Satin Chrome	55mm	3000K 4000K 6500K	450lm 470lm 500lm	£23.58

Optional Gear

Type	Order Code	Description	Trade Price
Emergency module	CEL03LIC/N	Three hour rated Li-Ion emergency module	£85.50

RF wireless triac dimmer

Order Code	Max Power	Output Current	Trade Price
CYDIMRFT1	2 x 120W (100 Vac) 2 x 288W (240 Vac)	2 x 1.2 A	£108.07

* See datasheet for recommended number of lamps per dimmer

3 3 Years Standard Warranty

5 5 Years Extended Warranty

1000V Surge Protection (L to GND)

Mains Dimmable Dimmable

55mm Cut-out

30/60/90 minutes Fire rating



Recommended



Mains emergency P25 module

General Specification

Voltage 220-240Vac
50-60Hz
CRI >82
Life Time 30,000h
Ambient Temp -30°C to 40°C
Housing Zinc coated sheet steel

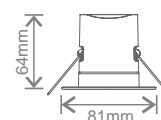


Order Code

KFDL05DIM/S30-WHT
KFDL05DIM/S40-WHT
KFDL05DIM/S65-WHT

KFDL05DIM/S30-SCH
KFDL05DIM/S40-SCH
KFDL05DIM/S65-SCH

Dimensions



- 5** **5 Years**
Standard Warranty
- 7** **7 Years**
Extended Warranty
- 500V**
Surge Protection
- Mains Dimmable**
Dimmable
- 73mm**
Cut-out
- 30/60/90 minutes**
Fire rating

Interchangeable bezel

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

General Specification

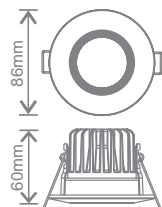
Voltage 220-240Vac
50-60Hz
CRI >80
Life Time 30,000h
Ambient Temp -20°C to 40°C
Housing Zinc coated sheet steel



Order Code

KFDL10DFW/SCT-WHT
KFDL10DFB/SCT-SCH
KPT-10DFBZ-BAS
KPT-10DFBZ-BLK
KPT-10DFBZ-CHM
KPT-10DFBZ-SCH
KPT-10DFBZ-WHT

Dimensions



Telica Fixed

10W LED fire rated downlight with interchangeable magnetic bezel

- Dimmable driver included
- Interchangeable magnetic bezels with different finishes
- Switchable colour temperature 3000K/4000K/6500K
- Versions of black and white anti-glare reflectors

 CCT switching

 Magnetic bezel



▲ KFDL10DFW/SCT-WHT
Anti-glare rim with white bezel included



▲ KFDL10DFB/SCT-SCH
Anti-glare rim with satin chrome bezel included

Order Code	Power	Beam Angle	Cut-out	CCT	Lumen	Trade Price
KFDL10DFW/SCT-WHT	10W	40°	73mm	Switchable*	650lm	£51.38
KFDL10DFB/SCT-SCH	10W	40°	73mm	Switchable*	650lm	£50.49

* Where CCT switchable, colour temperature switches between 2700K, 4000K & 6500K

Interchangeable bezel

Order Code	KPT-10DFBZ-BAS	KPT-10DFBZ-BLK	KPT-10DFBZ-CHM	KPT-10DFBZ-SCH	KPT-10DFBZ-WHT
Trade Price	£3.56	£3.56	£3.56	£3.56	£3.56

RF wireless triac dimmer

Order Code	Max Power	Output Current	Trade Price
CYDIMRFT1	2 x 120W (100 Vac) 2 x 288W (240 Vac)	2 x 1.2 A	£108.07

* See datasheet for recommended number of lamps per dimmer



Telica Tilt

10W LED fire rated downlight with interchangeable magnetic bezel

CCT switching 

Magnetic bezel 

• Dimmable driver included

- Interchangeable magnetic bezels with different finishes
- Switchable colour temperature 3000K/4000K/6500K
- Versions of black and white anti-glare reflectors



▲ KFDL10DTW/SCT-WHT
White anti-glare rim with white bezel included



▲ KFDL10DTB/SCT-SCH
Black anti-glare rim with satin chrome bezel included

Order Code	Power	Beam Angle	Cut-out	CCT	Lumen	Trade Price
KFDL10DTW/SCT-WHT	10W	40°	81mm	Switchable*	650lm	£54.93
KFDL10DTB/SCT-SCH	10W	40°	81mm	Switchable*	650lm	£53.96

* Where CCT switchable, colour temperature switches between 2700K, 4000K & 6500K

Interchangeable bezel

Order Code	KPT-10DTBZ-BAS	KPT-10DTBZ-BLK	KPT-10DTBZ-CHM	KPT-10DTBZ-SCH	KPT-10DTBZ-WHT
Trade Price	£3.56	£3.56	£3.56	£3.56	£3.56

RF wireless triac dimmer

Order Code	Max Power	Output Current	Trade Price
CYDIMRFT1	2 x 120W (100 Vac) 2 x 288W (240 Vac)	2 x 1.2 A	£108.07

* See datasheet for recommended number of lamps per dimmer

Patent

5 5 Years Standard Warranty

7 7 Years Extended Warranty


500V Surge Protection

Mains Dimmable Dimmable

81mm Cut-out


30/60/90 minutes Fire rating

Interchangeable bezel

 Brass
KPT-10DTBZ-BAS

 Matt black
KPT-10DTBZ-BLK

 Polished chrome
KPT-10DTBZ-CHM

 Satin chrome
KPT-10DTBZ-SCH

 White
KPT-10DTBZ-WHT

General Specification

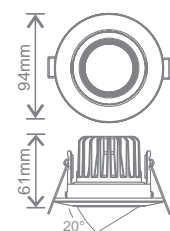
Voltage 220-240Vac
50-60Hz
CRI >80
Life Time 30,000h
Ambient Temp -20°C to 40°C
Housing Zinc coated sheet steel

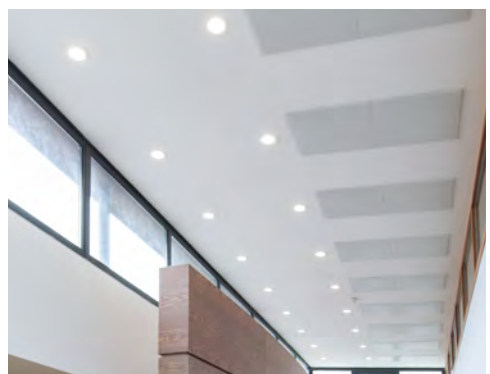
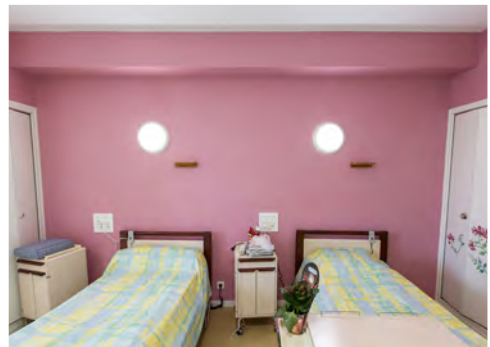


Order Code

KFDL10DTW/SCT-WHT
KFDL10DTB/SCT-SCH
KPT-10DTBZ-BAS
KPT-10DTBZ-BLK
KPT-10DTBZ-CHM
KPT-10DTBZ-SCH
KPT-10DTBZ-WHT

Dimensions





“Kosnic LED luminaires provide a very comfortable light for our residents as well as for the office staff”

– Philippe DUBREUIL, Technical Services Manager

Hospital Center of Loches

Location: Hospital Center of Loches

Solution: 30W Twin Bar panel and 24W Faceta Downlight.

Katla-Pro Fire-rated GU10 Downlight

Fire-rated GU10 Downlight

with magnetic interchangeable bezel

Intumescent Pad

Sits between the back plate and the GU10 Lamp holder. In the case of fire, it expands and closes the ventilation window.



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.



The **IP65** bezel has a front glass fixed with silicon adhesive to seal the front opening.

Magnetic interchangeable bezel

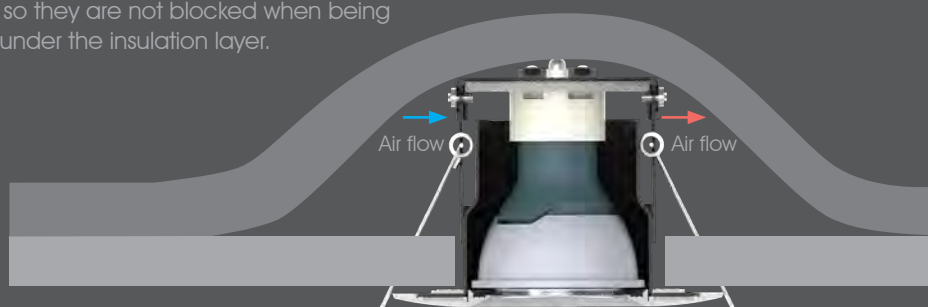
IP20 Magnetic bezel with embedded magnets.

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.



5 5 Years
Standard Warranty

68mm
Cut-out

60 minutes
Fire rating

Katla-Pro

GU10 fire rated downlight with magnetic interchangeable bezel

- Optional chrome and silver bezels
- Chimney effect for enhanced air-circulation
- Compact size
- Side ventilation window
- Can be installed under Insulation layer
- Available in IP65 and IP20

 **Magnetic bezel**



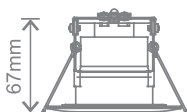
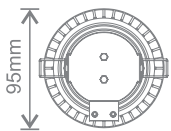
▲ Lamp not included , White bezel included



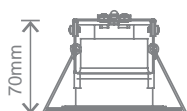
Order Code

KFDL GU10F120-WHT
KFDL GU10F165-WHT
KPT-BZ20-CHM
KPT-BZ20-SLV
KPT-BZ65-CHM
KPT-BZ65-SLV

Dimensions



KFDL GU10F120-WHT



KFDL GU10F165-WHT



White IP20 bezels included

Order Code	Max Power	Protection	Lamp Type	Fire Rating	Cut-out	Trade Price
KFDL GU10F120-WHT	7W	Class II IP20	GU10	60 minutes	68mm	£21.21

White IP65 bezels included

Order Code	Max Power	Protection	Lamp Type	Fire Rating	Cut-out	Trade Price
KFDL GU10F165-WHT	7W	Class II IP65	GU10	60 minutes	68mm	£24.64

Interchangeable bezel

Order Code	KPT-BZ20-CHM	KPT-BZ20-SLV	KPT-BZ65-CHM	KPT-BZ65-SLV
Trade Price	£4.04	£3.69	£4.34	£3.97

Patent

Upgrade
Sep 2020
Additional
finishings

Katla-Eco

GU10 fire rated downlight

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

- 5** 5 Years Standard Warranty
- 68mm** Cut-out
- 60 minutes** Fire rating

Recommended lamp



LED GU10 ↪ P242



▲ KFDLGU10F-CHM



▲ KFDLGU10F-SCH



▲ KFDLGU10F-BLK



▲ KFDLGU10F-BAS

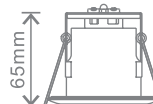
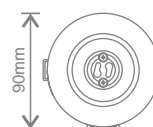


Order Code

KFDLGU10F-WHT
KFDLGU10F-BAS
KFDLGU10F-BLK
KFDLGU10F-CHM
KFDLGU10F-SCH

Order Code	Max Power	Finish	Protection	Lamp Type	Fire Rating	Cut-out	Trade Price
KFDLGU10F	7W	White	Class II IP20	GU10	60 minutes	68mm	£9.29
KFDLGU10F	7W	Chrome Brass Black Satin Chrome	Class II IP20	GU10	60 minutes	68mm	£10.10

Dimensions



Patent

5 5 Years
Standard Warranty

7 7 Years
Extended Warranty

70-75mm
Cut-out

30/60/90 minutes
Fire rating

500V
Surge Protection

Naso

Fire rated LED downlight with Bluetooth app control and RGB backlight

- Fully app controlled with normal on/off switch
- Interchangeable Bezels with different finishes
- Twist and lock bezel design
- 10-100% smooth dimming
- RGB halo's create perfect ambient lighting

 CCT switching

 Flicker free

 Interchangeable bezel

Interchangeable bezel



General Specification

Voltage 200-240Vac
50-60Hz

CRI >80

Life Time 50,000h

Ambient Temp -20°C to 40°C

Housing Zinc coated sheet steel



IP44 White



IP44 Black



IP44 Chrome

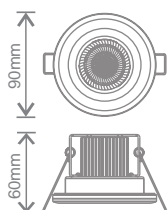
▲ Bezels included in IP44 all-in-one pack



Order Code

KFDB10CBL-TCT
KPT-10CBL-BAS
KPT-10CBL-NIK

Dimensions



Order Code	Power	Beam Angle	Cut-out	CCT	Lumen	Trade Price
KFDB10CBL	10W	60°	70 to 75mm	3000K to 6000K	500lm	£92.04

Interchangeable bezel

Order Code	KPT-10CBL-BAS	KPT-10CBL-NIK
Trade Price	£5.76	£5.76

NEW Available Sep 2020 **Toba**

Ultra slim profile circular LED surface luminaire with mounting options

CCT switching 

- Surface or cut-out mounting options for 18W
 - Ultra slim profile of only 21.5mm / 25mm
 - IP54, suitable for bathroom applications
- Switchable CCT 3000K/4000K/6500K for the 24W model
- Unique adjustable mounting bracket for 18W (cut-out range 65-205mm)
 - Long life of 40,000hrs



3 Years Standard Warranty

5 Years Extended Warranty

65-205mm Cut-out

500V Surge Protection



KPNL18CF54-W40



KPNL24CF54/SCT

General Specification

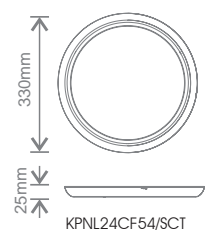
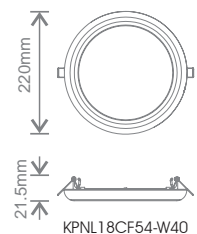
Voltage	220-240Vac 50-60Hz
CRI	>80
Life Time	40,000h
Ambient Temp	-20°C to 40°C
Housing	Polycarbonate
Diffuser	Polystyrene



Order Code

KPNL18CF54-W40-WHT
KPNL24CF54/SCT-WHT

Dimensions



Order Code	Power	Beam Angle	Cut-out	CCT	Lumen	Trade Price
KPNL18CF54-W40	18W	120°	65-205mm	4000K	1700lm	£57.96
KPNL24CF54/SCT	24W	120°	N/A	3000K 4000K 6500K	2150lm 2400lm 2400lm	£127.32

- 5** 5 Years
Standard Warranty
- 7** 7 Years
Extended Warranty
- 500V**
Surge Protection
- DALI & 1-10V**
Dimmable Options
- 140/160/227mm**
Cut-out

Nyos

Edge-lit circular LED panel downlight

- IP20 when ceiling recess mounted
- Ultra-slim profile
- Flicker free
- Optional DALI, 1-10V driver

 Plug-in emergency

 Flicker free

 Modular design

General Specification

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



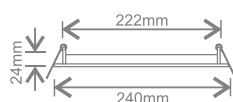
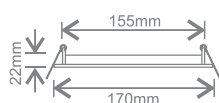
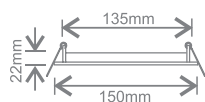
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KPNLLS10CF-W40-WHT
KPNLLS10CF-W65-WHT

KPNLLS12CF-W30-WHT
KPNLLS12CF-W40-WHT
KPNLLS12CF-W65-WHT

KPNLLS18CF-W30-WHT
KPNLLS18CF-W40-WHT
KPNLLS18CF-W65-WHT

Dimensions



Order Code	Power	Beam Angle	Cut-out	CCT	Lumen	Trade Price
KPNLLS10CF	10W	110°	140mm	3000K 4000K 6500K	710lm	£17.08
KPNLLS12CF	12W	110°	160mm	3000K 4000K 6500K	900lm	£18.95
KPNLLS18CF	18W	110°	227mm	3000K 4000K 6500K	1350lm	£24.86

Optional Gear

Type	Order Code	Description	Trade Price
Dimmable driver	CYC040TDC25-70	Configurable DALI & 1-10V Dimmable Driver	£101.34
Emergency module	CEW03LIL/N	UEM, 3W, li-ion battery	£97.77
Self-test emergency module	CEW03LIL/S	Self-test UEM, 3W, li-ion battery	£115.04

Upgrade
Sep 2020
Wattage switching
& black finish

Faceta

Premium LED downlight with faceted reflector

Plug-in emergency 

CCT switching 

Wattage switching 

Flicker free 

Modular design 

- IP65 when ceiling recess mounted
- Unique faceted white reflector
- Optional drop-down diffusers for KCDL2622FR65
 - Low glare
 - Flicker free
- Optional DALI, 1-10V driver (KCDL2622FR65)
- Option of CCT switching 3000K, 4000K, 5000K
- KCDL2622FR65 is now available also in black finish



Clear frosted anti-glare halo diffuser for KCDL2622FR65



Opal frosted anti-glare halo diffuser for KCDL2622FR65

5 5 Years Standard Warranty

7 7 Years Extended Warranty

1000V Surge Protection

DALI & 1-10V Dimmable Options

86/111/164/215mm Cut-out

Upgrade
Sep 2020



KCDL2622FR65/SCT-BLK



In-line switch for CCT selection

General Specification

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



Order Code	Power	Beam Angle	Cut-out	CCT	Lumen	Trade Price
KCDLLS08FR65/SCT	8W	80°	86mm	Switchable*	350lm(3000K) 400lm(4000K) 400lm(5000K)	£60.35

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

Order Code

KCDLLS08FR65/SCT-WHT
KCDL1006FR65/SCT-WHT
KCDL2016FR65/SCT-WHT
KCDL2622FR65/SCT-WHT
KCDL2622FR65/SCT-BLK

Order Code	Default Power	Alternative Power	Beam Angle	Cut-out	CCT	Lumen	Trade Price
KCDL1006FR65	10W	-	80°	111mm	Switchable*	550lm (3000K) 600lm (4000K) 600lm (5000K)	£67.20
	-	6W				300lm (3000K) 330lm (4000K) 330lm (5000K)	
KCDL2016FR65	20W	-	80°	164mm	Switchable*	1250lm (3000K) 1380lm (4000K) 1380lm (5000K)	£88.56
	-	16W				1000lm (3000K) 1100lm (4000K) 1100lm (5000K)	
KCDL2622FR65**	26W	-	80°	215mm	Switchable*	2000lm (3000K) 2130lm (4000K) 2130lm (5000K)	£99.46
	-	22W				1700lm (3000K) 1800lm (4000K) 1800lm (5000K)	

** KCDL2622FR65 is available in white and black, the lumen level of the black version is 760lm lower than the white version listed in the above table.

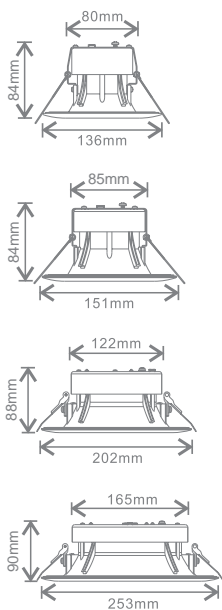
Optional Gear

Type	Order Code	Description	Trade Price
Dimmable driver	CYC030TDC25-70	Configurable DALI & 1-10V Dimmable Driver for KCDL2622FR65	£90.79
Emergency module	CEW03LIL/N	UEM, 3W, li-ion battery	£97.77
Self-test emergency module	CEW03LIL/S	Self-test UEM, 3W, li-ion battery	£115.04

Accessories

Type	Order Code	Description	Trade Price
Diffuser	KPT-CLR-CDL24	Clear frosted anti-glare halo diffuser for 24w KCDL2622FR65	£18.80
Diffuser	KPT-OPL-CDL24	Opal frosted anti-glare halo diffuser for 24w KCDL2622FR65	£18.80

Dimensions



Napa Commercial Downlight

Multi-CCT

LED commercial downlight

with reflector options



Push-wire terminal

Loop-in and loop-out push-wire connectors



CCT Switch

Switchable colour temperature (3000K/4000K/6000K) located at the top of the downlight

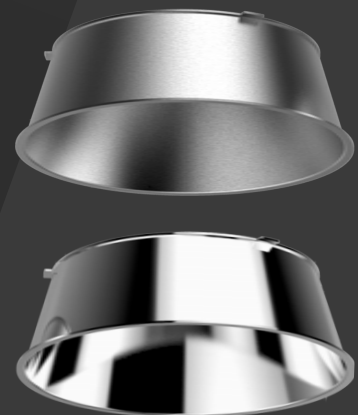
Emergency ready

Compatible with the plug & play mains emergency module,



Self-adhesive LED indicator Pad

This unique self-adhesive LED indicator pad is provided with the mains emergency module. It can be easily attached to the back of the bezel of the downlight.



Optional Reflectors

Twist and Clip in Interchangeable reflectors available in silver and polished chrome

Napa

NEW Available
Sep 2020

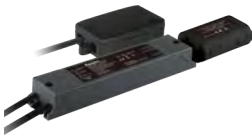
5 5 Years
Standard Warranty

7 7 Years
Extended Warranty

150/200mm
Cut-out

1000V/2000V
Surge Protection
(L to GND)

Recommended



Mains emergency P25 module

IP44 LED commercial downlight with emergency option

- Switchable CCT (3000K/4000K/6000K)
- Compatible with Kosnic's mains emergency module
- Optional silver and polished chrome reflectors
- High lumen output
- Long life of 40,000h
- Low glare, UGR<22

CCT CCT switching

E Plug-in emergency

Flicker free

ECO Modular design

General Specification

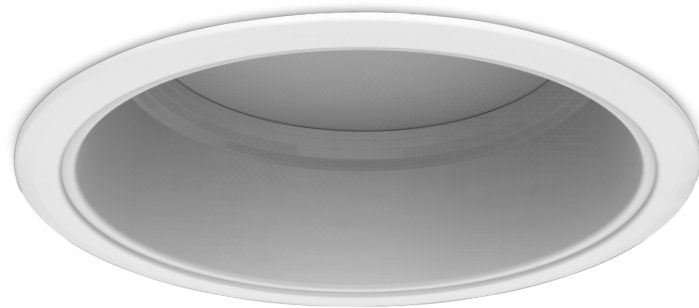
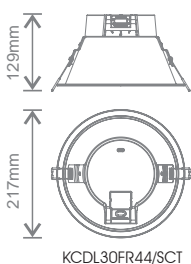
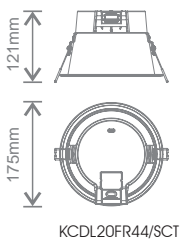
Voltage 220-240Vac
50-60Hz
CRI >80
Life Time 40,000h
Ambient Temp -20°C to 40°C
Housing Zinc coated sheet steel



Order Code

KCDL20FR44/SCT-WHT
KCDL30FR44/SCT-WHT

Dimensions



Silver Reflector



Polished Chrome Reflector

Order Code	Power	Beam Angle	Cut-out	CCT	Lumen	Trade Price
KCDL20FR44/SCT	20W	90°	150mm	3000K 4000K 6000K	1800lm 2000lm 2000lm	£67.28
KCDL30FR44/SCT	30W	90°	200mm	3000K 4000K 6000K	2700lm 3000lm 3000lm	£77.34

Optional Gear

Type	Order Code	Description	Trade Price
Emergency module	CEL03LIC/N	Three hour rated Li-Ion emergency module	£88.50

Interchangeable Reflector

Order Code	KPT-KCDL20REF-SLV	KPT-KCDL20REF-CHM	KPT-KCDL30REF-SLV	KPT-KCDL30REF-CHM
Trade Price	£10.67	£11.07	£12.66	£13.23



Floodlight



Rhine 148



Ventas 151



Della 153



Vermillion 154



Thorpeak 155



Havasu 157



Vega 158



Accessories 159

Upgrade
Jun 2020
3000K available

Rhine

LED flood light

- Diecast aluminium body
- Surge protection
- Slim profile
- 1m of H05RN-F 3 x 0.75mm² cable

- 3** 3 Years Standard Warranty
- 1000V** (10W,20W) Surge Protection (L to GND)
- 2000V** (30W,50W) Surge Protection (L to GND)



Optional Connector
KCWP3IN

General Specification

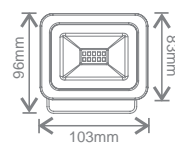
Voltage	220-240Vac 50-60Hz
CRI	>80
Life Time	30,000h
Power Factor	>0.90
Ambient Temp	-20°C to 40°C
Housing	Diecast aluminum



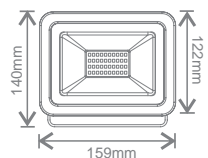
Order Code

- KFLDHS10Q465-W30-BLK
- KFLDHS10Q465-W40-BLK
- KFLDHS10Q465-W65-BLK
- KFLDHS20Q465-W30-BLK
- KFLDHS20Q465-W40-BLK
- KFLDHS20Q465-W65-BLK
- KFLDHS30Q465-W30-BLK
- KFLDHS30Q465-W40-BLK
- KFLDHS30Q465-W65-BLK
- KFLDHS50Q465-W30-BLK
- KFLDHS50Q465-W40-BLK
- KFLDHS50Q465-W65-BLK

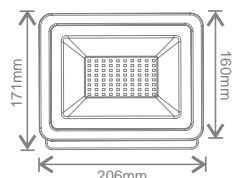
Dimensions



KFLDHS10Q465



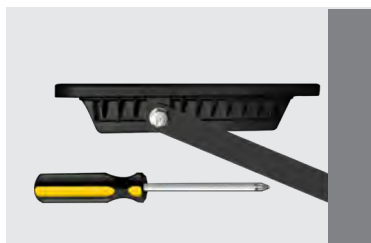
KFLDHS20Q465
KFLDHS30Q465



KFLDHS50Q465



1m lead



Angled bracket for easy installation

Order Code	Power	Beam Angle	Finish	CCT	Lumen	Trade Price
KFLDHS10Q465	10W	110°	Black	3000K	650lm	£16.93
				4000K	750lm	
				6500K	750lm	
KFLDHS20Q465	20W	110°	Black	3000K	1400lm	£27.81
				4000K	1500lm	
				6500K	1500lm	
KFLDHS30Q465	30W	110°	Black	3000K	2150lm	£30.48
				4000K	2250lm	
				6500K	2250lm	
KFLDHS50Q465	50W	110°	Black	3000K	3900lm	£46.80
				4000K	4000lm	
				6500K	4000lm	

Accessories

Type	Order Code	Description	Trade Price
Connector	KCWP3IN	IP67 In-line Connector	£10.59

3 3 Years Standard Warranty

1000V (10W,20W) Surge Protection (L to GND)

2000V (30W,50W) Surge Protection (L to GND)



Optional Connector KCWP3IN

General Specification

Voltage 220-240Vac
50-60Hz
CRI >80
Life Time 30,000h
Power Factor >0.90
Ambient Temp -20°C to 40°C
Housing Diecast aluminum



Order Code

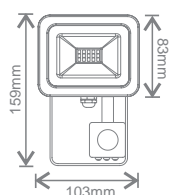
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KFLDHS10Q465/S-W40-BLK
KFLDHS10Q465/S-W65-BLK

KFLDHS20Q465/S-W30-BLK
KFLDHS20Q465/S-W40-BLK
KFLDHS20Q465/S-W65-BLK

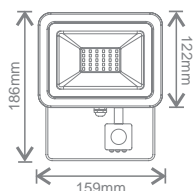
KFLDHS30Q465/S-W30-BLK
KFLDHS30Q465/S-W40-BLK
KFLDHS30Q465/S-W65-BLK

KFLDHS50Q465/S-W30-BLK
KFLDHS50Q465/S-W40-BLK
KFLDHS50Q465/S-W65-BLK

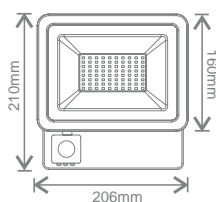
Dimensions



KFLDHS10Q465/S



KFLDHS20Q465/S
KFLDHS30Q465/S



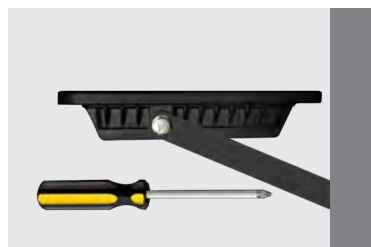
KFLDHS50Q465/S

Rhine Upgrade Jun 2020 3000K available

LED flood light with PIR sensor

- Diecast aluminium body
- Adjustable PIR sensor
- Surge protection
- Slim profile
- 1m of H05RN-F 3 x 0.75mm² cable

Built-in motion sensor



Angled bracket for easy installation



OFF/ON twice within 2 seconds to override the PIR sensor

Order Code	Power	Beam Angle	Finish	CCT	Lumen	Trade Price
KFLDHS10Q465/S	10W	110°	Black	3000K	650lm	£30.79
				4000K	750lm	
				6500K	750lm	
KFLDHS20Q465/S	20W	110°	Black	3000K	1400lm	£42.00
				4000K	1500lm	
				6500K	1500lm	
KFLDHS30Q465/S	30W	110°	Black	3000K	2150lm	£44.60
				4000K	2250lm	
				6500K	2250lm	
KFLDHS50Q465/S	50W	110°	Black	3000K	3900lm	£61.17
				4000K	4000lm	
				6500K	4000lm	

Accessories

Type	Order Code	Description	Trade Price
Connector	KCWP3IN	IP67 In-line Connector	£10.59

Ventas LED Floodlight

LED Floodlight *with detachable sensor*

Easy installation

The angled bracket and the lead length of 1m makes the installation quick and easy.



Angled bracket for easy installation



CCT switch located at the bottom

Colour temperature switching

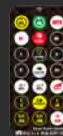
Easy to access switch to change the CCT to 3000K or 6500K on the 30W and 50W. Giving more choice in 1 product.

Optional Gears

Easy plug and play sensors available with up to 8m detection range. Sensors available in a standard PIR, PIR with a remote control and a Dusk to Dawn sensor.



PIR sensor
KPT-Q5-PS



PIR sensor with remote control
KPT-Q5-RPS



Dusk to Dawn sensor
KPT-Q5-DTD

40
Combinations
11
Product Lines

3 Optional gears

- PIR sensor with remote control
- Standard PIR
- Dusk to Dawn Sensor

6 Standard floodlights

- 10W available in 3000K, 4000K & 6500K
- 20W available in 3000K, 4000K & 6500K

2 Floodlights with CCT switching

- 30W Switchable CCT of 3000K to 6500K
- 50W Switchable CCT of 3000K to 6500K

5 5 Years
Standard Warranty

7 7 Years
Extended Warranty

2000V
Surge Protection
(L to GND)

Ventas

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

Upgrade
Sep 2020

3000K in 10W & 20W
available

LED flood light with detachable sensors

- Switchable CCT on 30W/50W (3000K/6500K)
- Plug & play PIR sensor with or without remote control
- Plug & play Dusk to Dawn sensor
- Leads length of 1 meter
- IP65 connector allowing external wiring

 CCT switching

 Plug-in on/off sensor

 Dusk to dawn sensor

 Modular design

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 aluminum



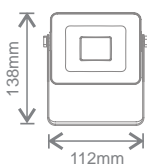
IP65 10W / 20W
IP44 with sensor

IP44 30W / 50W

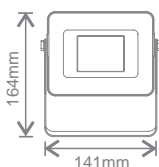
Order Code

KFLD10Q565-W30
KFLD10Q565-W40
KFLD10Q565-W65
KFLD20Q565-W30
KFLD20Q565-W40
KFLD20Q565-W65
KFLD30Q544/SCT
KFLD50Q544/SCT

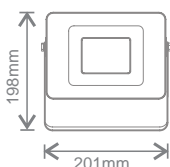
Dimensions



KFLDB10Q565
KFLDB20Q565



KFLDB30Q544



KFLDB50Q544



CCT switch located at the bottom



OFF/ON twice within 2 seconds to override the PIR sensor



Angled bracket for easy installation



PIR sensor
KPT-Q5-PS



PIR sensor with remote control
KPT-Q5-RPS



Dusk to Dawn sensor
KPT-Q5-DTD

Order Code	Power	Beam Angle	Finish	CCT	Lumen	Trade Price
KFLD10Q565	10W	110°	Black	3000K 4000K 6500K	650lm 750lm 800lm	£33.19
KFLD20Q565	20W	110°	Black	3000K 4000K 6500K	1400lm 1500lm 1550lm	£36.33
KFLD30Q544/SCT	30W	110°	Black	Switchable*	2100lm (3000K) 2250lm (6500K)	£65.23
KFLD50Q544/SCT	50W	110°	Black	Switchable*	3850lm (3000K) 4000lm (6500K)	£88.18

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

Optional Gear

Order Code	Description	Trade Price
KPT-Q5-PS	PIR sensor	£16.73
KPT-Q5-RPS	PIR sensor with remote control	£22.13
KPT-Q5-DTD	Dusk to Dawn Sensor	£13.49



Eye Media Case study

Location: Copenhagen, Denmark

Solution: 200w + 100w Della floodlights

“We were impressed with the quality and lighting output of Kosnic Floodlights. The whole experience working with Encepa A/S and the support of Kosnic Lighting has been a pleasure, which we hope to continue”

– Eye Media

5 5 Years
Standard Warranty

7 7 Years
Extended Warranty

2000V
Surge Protection
(L to GND)



Ceiling mount bracket
P159



Optional Connector
KCWP3IN

General Specification

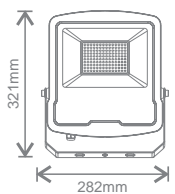
Voltage 220-240Vac
50-60Hz
CRI >80
Life Time 40,000h
Power Factor >0.96
Ambient Temp -20°C to 40°C
Housing Diecast aluminum



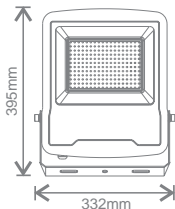
Order Code

KFLDHS80Q65-W65-BLK
KFLDHS100Q65-W65-BLK
KFLDHS150Q65-W65-BLK
KFLDHS200Q65-W65-BLK

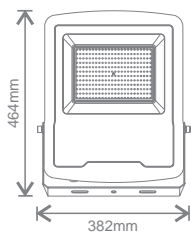
Dimensions



KFLDHS80Q65
KFLDHS100Q65



KFLDHS150Q65



KFLDHS200Q65

Della

(80W, 100W, 150W, 200W)

High power LED flood light

- Diecast aluminium body
- Long life of 40,000hrs
- Surge protection
- 1m of H05RN-F 3 x 1.0mm² cable



Order Code	Power	Beam Angle	Finish	CCT	Lumen	Trade Price
KFLDHS80Q65	80W	110°	Black	6500K	8000lm	£126.97
KFLDHS100Q65	100W	110°	Black	6500K	9000lm	£130.09
KFLDHS150Q65	150W	110°	Black	6500K	15500lm	£248.20
KFLDHS200Q65	200W	110°	Black	6500K	20000lm	£300.80

Accessories

Type	Order Code	Description	Trade Price
Connector	KCWP3IN	IP67 In-line Connector	£10.59

SPEC LINE

Vermillion

High-power LED high mast floodlight

Flicker free



Ultra high efficiency



- Modular construction allows each module to be angled independently
- High efficiency of 150lm/W
 - IP66, IK08
 - High power 360W-600W
- Multiple options for optics including asymmetric options

INVENTRONICS



- 5** Years Standard Warranty
- 7** Years Extended Warranty
- 10000V** Surge Protection (L to GND)
- 100-277V** Input voltage

General Specification

Voltage	100-277Vac
	50-60Hz
CRI	>70
Life Time	54,000h
Power Factor	0.96
Ambient Temp	-30°C to 45°C
Housing	Power coated aluminum

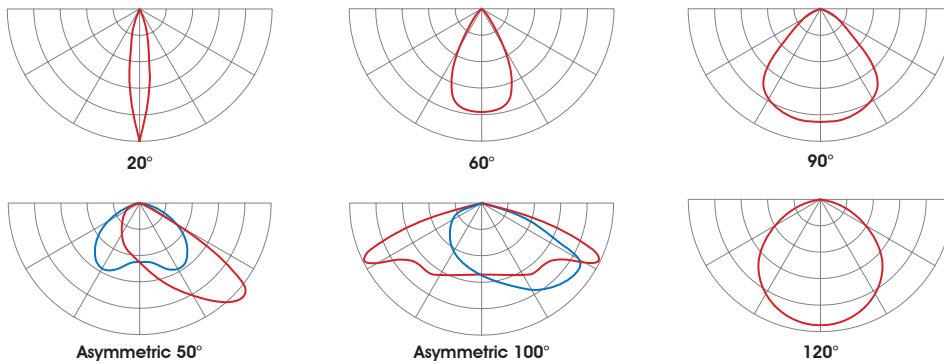


Order Code

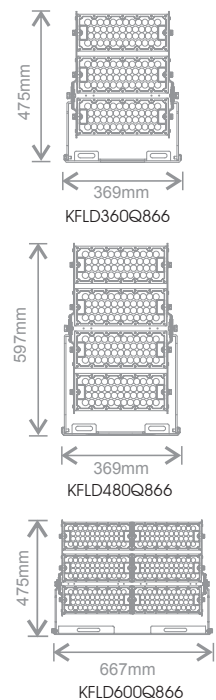
- KFLD360Q866-B50
 KFLD360Q866-F50
 KFLD360Q866-W50
 KFLD360Q866-A150
 KFLD360Q866-A250
 KFLD360Q866-N50

 KFLD480Q866-B50
 KFLD480Q866-F50
 KFLD480Q866-W50
 KFLD480Q866-A150
 KFLD480Q866-A250
 KFLD480Q866-N50

 KFLD600Q866-B50
 KFLD600Q866-F50
 KFLD600Q866-W50
 KFLD600Q866-A150
 KFLD600Q866-A250
 KFLD600Q866-N50



Dimensions



Order Code	Power	Beam Angle	Finish	CCT	Lumen	Trade Price
KFLD360Q886	360W	20° / 60° / 90° Asymmetric 50° / Asymmetric 100° / 120°	Black	5000K	54000lm	£1516.61
KFLD480Q886	480W	20° / 60° / 90° Asymmetric 50° / Asymmetric 100° / 120°	Black	5000K	72000lm	£1850.15
KFLD600Q886	600W	20° / 60° / 90° Asymmetric 50° / Asymmetric 100° / 120°	Black	5000K	90000lm	£2871.90

1-10V (standard) DALI / Photocell / DMX512 as special order

- 5** Years Standard Warranty
- 7** Years Extended Warranty
- 10000V** Surge Protection (L to GND)
- 100-240V** Input voltage

Thorpeak

SPEC LINE

Premium high-power LED high mast floodlight

- IP66, IK08
- High power up to 1200W
- Efficiency up to 140lm/W
- Modular spacing allows for enhanced heat dissipation
- Available in various wattage and illumination pattern choices
- Drivers are provided for remote installation



Flicker free



Ultra high efficiency

General Specification

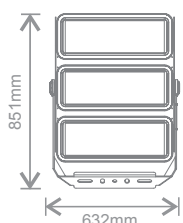
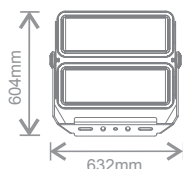
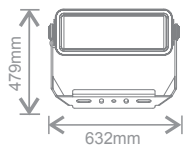
Voltage 100-240Vac
50-60Hz
CRI > 70
Life Time 54,000h
Power Factor 0.95
Ambient Temp -20°C to 40°C
Housing Powder coated
Die-cast



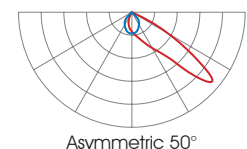
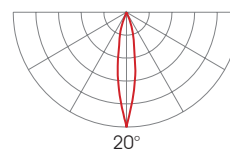
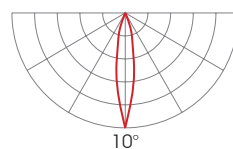
Order Code

- KFLD300-400Q766-B150
KFLD300-400Q766-B250
KFLD300-400Q766-A50
- KFLD600-800Q766-B150
KFLD600-800Q766-B250
KFLD600-800Q766-A50
- KFLD1000-1200Q766-B150
KFLD1000-1200Q766-B250
KFLD1000-1200Q766-A50
- KFLD300Q7-BB
KFLD400Q7-BB
KFLD600Q7-BB
KFLD800Q7-BB
KFLD1000Q7-BB
KFLD1200Q7-BB

Dimensions



OSRAM
INVENTRONICS



Lighting Unit (Must be ordered with corresponding driver pack)

Order Code	Power	Beam Angle	Finish	CCT	Lumen	Trade Price
KFLD300-400Q766	300W 400W	10° / 20° / Asymmetric 50°	Grey	5000K	42000lm 56000lm	£2525.32
KFLD600-800Q766	600W 800W	10° / 20° / Asymmetric 50°	Grey	5000K	84000lm 112000lm	£4228.77
KFLD1000-1200Q766	1000W 1200W	10° / 20° / Asymmetric 50°	Grey	5000K	140000lm 168000lm	£5915.46

Driver Pack (Must be ordered with corresponding lighting unit)

Order Code	Description	Trade Price
KFLD300Q7-BB	Including 2x150W 1-10V Dimmable Drivers	£594.16
KFLD400Q7-BB	Including 2x200W 1-10V Dimmable Drivers	£675.89
KFLD600Q7-BB	Including 4x150W 1-10V Dimmable Drivers	£1190.76
KFLD800Q7-BB	Including 4x200W 1-10V Dimmable Drivers	£1359.07
KFLD1000Q7-BB	Including 6x200W 1-10V Dimmable Drivers	£1890.99
KFLD1200Q7-BB	Including 6x200W 1-10V Dimmable Drivers	£1890.99

1-10V (standard) DALI / DMX512 as special order

Havasu Premium Flood Light

Multi-Watt setting *with various optic options*

Die-cast Folding Clips

The hinged front tempered glass is securely locked to the fitting using die-cast folding clips.

Super High Efficient (150lm/W)

Uses LUMILED High Efficient 5050 LED chips

Various Optic Options

This range of flood light offers a wide range of optic lens, including the popular asymmetric 50°

Premium LED driver

Inventronics EUM range IP67 LED driver

Multi-Watt Setting

The wattage of the flood light can be set using the dip switches

KFLD80-150Q666



80W



100W



120W



150W

KFLD200-240Q666



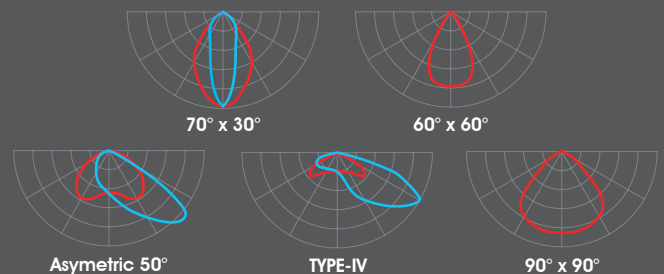
200W



240W

Photometrics

6 options of optic lens to suit different lighting applications



- 5** Years Standard Warranty
- 7** Years Extended Warranty
- 6000V** Surge Protection (L to GND)
- 100-277V** Input voltage

Havasu

NEW Available Jun 2020

(80W, 100W, 120W, 150W) (200W, 240W)

Premium high-power LED floodlight with wattage switching

- Switchable wattage
- High Power, from 80W to 240W
- Efficiency of 150lm/W
- Multiple options for optics including asymmetric options
- IP66, IK08

Watt Wattage switching

Flicker free

ECO Ultra high efficiency

General Specification

Voltage 100-277Vac
50-60Hz
CRI >80
Life Time 54,000h
Power Factor 0.98
Ambient Temp -30°C to 45°C
Housing Diecast aluminum

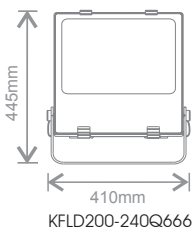
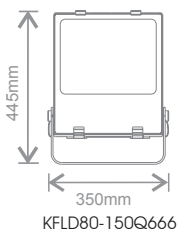


Order Code

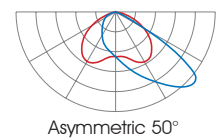
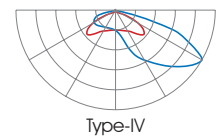
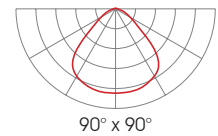
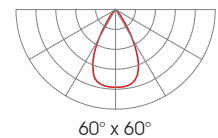
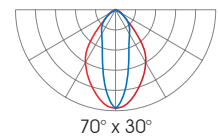
KFLD80-150Q666-S50
KFLD80-150Q666-F50
KFLD80-150Q666-W50
KFLD80-150Q666-A150
KFLD80-150Q666-A250

KFLD200-240Q666-S50
KFLD200-240Q666-F50
KFLD200-240Q666-W50
KFLD200-240Q666-A150
KFLD200-240Q666-A250

Dimensions



INVENTRONICS



Order Code	Default Power	Power	Beam Angle	Finish	CCT	Lumen	Trade Price
KFLD80-150Q666	-	80W	70° x 30°	Black	5000K	12000lm	£755.61
	-	100W	60° x 60°			15000lm	
	-	120W	90° x 90°			18000lm	
	-	150W	Type IV			22500lm	
	-	-	Asymmetric 50°			22500lm	
KFLD200-240Q666	-	200W	70° x 30°	Black	5000K	30000lm	£894.43
	-	240W	60° x 60°			36000lm	
	-	-	90° x 90°			36000lm	
	-	-	Type IV			36000lm	
	-	-	Asymmetric 50°			36000lm	

NEW Available Aug 2020

Vega

(300lm, 700lm, 1100lm)

Solar powered commercial flood light

Dusk to dawn sensor 

- Provided with high output monocrystalline silicon solar panel
 - High efficiency upto 170lm/W
- Easy installation with no mains wiring required



bridgelux



Solar panel (included)



Remote Control (included)

3 3 Years Standard Warranty

5 5 Years Extended Warranty

General Specification

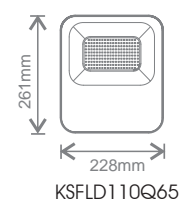
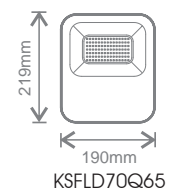
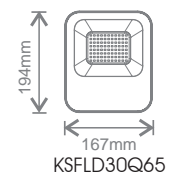
CRI	>80
Life Time	50,000h
Power Factor	1.0
Ambient Temp	-10°C to 45°C
Housing	Aluminium Alloy
Solar panel	Polysilicon
Operation Time	3h/5h 8h/12h
Charging Time	8h
Battery Voltage	3.7V(Li-ion) 3.2V(LiFePO4)
Battery Life	4 Years



Order Code

KSFLD30Q65-GRY
KSFLD70Q65-GRY
KSFLD110Q65-GRY

Dimensions



Order Code	Lumen	Beam Angle	Finish	CCT	Battery Capacity	Trade Price
KSFLD30Q65	300lm	110°	Grey	6000K	4400mAh	£133.78
KSFLD70Q65	700lm	110°	Grey	6000K	10000mAh	£168.28
KSFLD110Q65	1100lm	110°	Grey	6000K	20000mAh	£232.79

Battery

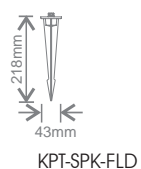
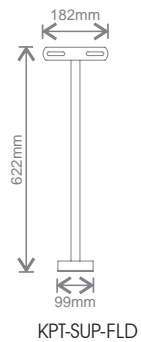
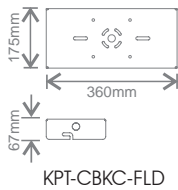
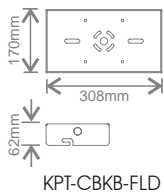
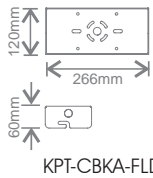
Order Code	Type	Capacity	Trade Price
LIB186502-C22	Li-ion	4400mAh	£15.88
LFP326502-C50	LiFePO4	10000mAh	£26.27
LFP326504-C50	LiFePO4	20000mAh	£48.80

Fixing Accessories

Order Code

- KPT-CBKA-FLD
- KPT-CBKB-FLD
- KPT-CBKC-FLD
- KPT-SUP-FLD
- KPT-SPK-FLD

Dimensions



▲ Ceiling mount bracket
KPT-CBKA-FLD



▲ Supporting arm
KPT-SUP-FLD



▲ Spike
KPT-SPK-FLD

Type	Order Code	Description	Trade Price
Ceiling-mount bracket	KPT-CBKA-FLD	Ceiling mount bracket for 80W/100W floodlight	£32.66
Ceiling-mount bracket	KPT-CBKB-FLD	Ceiling mount bracket for 150W floodlight	£42.27
Ceiling-mount bracket	KPT-CBKC-FLD	Ceiling mount bracket for 200W floodlight	£45.32
Support	KPT-SUP-FLD	Supporting arm for floodlight, max 50W	£32.31
Spike	KPT-SPK-FLD	Spike for floodlight, max 50W	£2.49

A large, semi-transparent, light gray number '7' is centered in the background of the page. It has a thick, blocky font style.

Street Light



Nix

162



Luna

163

SPEC LINE

Nix

High power LED streetlight

- IP65 & IK10 protection
- Whole structure heat dissipation
- Ready for connection of photocell sensor
- Dual mounting positions Post-top & side-entry with $\pm 15^\circ$ inclination in steps of 3°
 - Efficiency of 130lm/W
- Day light 5000K colour temperature

Plug-in photocell sensor 

Ultra high efficiency 

PHILIPS
LUMILEDS



5 5 Years Standard Warranty

7 7 Years Extended Warranty

10000V Surge Protection



General Specification

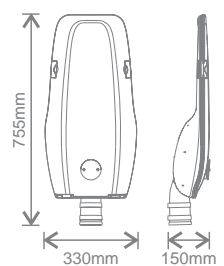
Voltage 220-240Vac
50-60Hz
CRI >70
Life Time 40,000h
Ambient Temp -40°C to 50°C
Housing Diecast aluminum



Order Code

KSTL80HH2-W50-GRY
KSTL120HH2-W50-GRY

Dimensions



Order Code	Power	Beam Angle	CCT	Lumen	Trade Price
KSTL80HH2	80W	Axial 160° Transverse 120°	5000K	11440lm	£1209.45
KSTL120HH2	120W	Axial 160° Transverse 120°	5000K	15600lm	£1238.42

- 5** **5 Years**
Standard Warranty
- 7** **7 Years**
Extended Warranty
- 10000V**
Surge Protection
(L to GND)
- 110-240V**
Input voltage

Luna

LED street light for public areas

- Suitable for pole mounting
- IP67 & IK10 rated
- Efficiency of 112lm/W
- Day light 5000K colour temperature
- Option of photocell sensor
- Whole structure heat dissipation

 Built-in photocell sensor

 Ultra high efficiency

General Specification

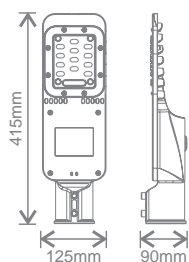
Voltage	100-240Vac 50-60Hz
CRI	>70
Life Time	40,000h
Ambient Temp	-40°C to 50°C
Housing	Diecast aluminum
Connection	650 mm H05RN-F 3 x 1.0 mm ²



Order Code

KSTL40LH1-W50-WHT
KSTL40LH1/S-W50-WHT

Dimensions



Order Code	Type	Power	Beam Angle	CCT	Lumen	Trade Price
KSTL40LH1	Standard	40W	Axial 175° Transverse 85°	5000K	5000lm	£221.54
KSTL40LH1/S	Sensor	40W	Axial 175° Transverse 85°	5000K	5000lm	£228.63

High Bay
&
Low Bay



Arcus II 166



Arcus-Compact 167



Cumulus 168



Nimbus III 170



Echo 172



Nimbus-DOB II 174



Fractus 176



Nimbo 177



NEW Available Jun 2020

Arcus II

LED low bay with emergency and sensor option

Built-in emergency

Plug-in corridor sensor

Modular design

Ultra high efficiency

- Efficiency 123lm/W
- Optional emergency version
- Optional microwave sensor with stand-by dimming and daylight threshold
- Conduit, trunking or surface mounting

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



Microwave Sensor
KBTNLS1-MWS2

General Specification

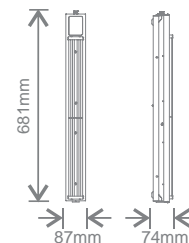
Voltage	220-240Vac 50-60Hz
CRI	>83
Life Time	40,000h
Power Factor	0.96
Ambient Temp	-20°C to 40°C
Housing	Zinc coated sheet steel



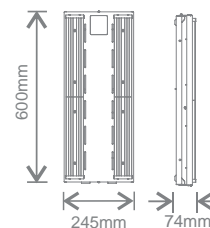
Order Code

- KLBA100L1-P65
- KLBA100L1/E-P65
- KLBA150L1-W65
- KLBA150L1/E-W65
- KLBA150L1-P65
- KLBA150L1/E-P65
- KLBA200L1-W65
- KLBA200L1/E-W65

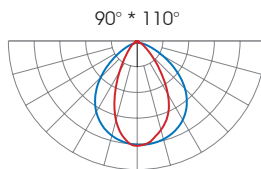
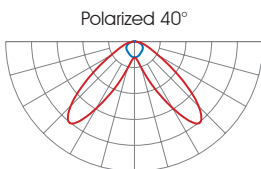
Dimensions



KLBA100L1



KLBA150L1
KLBA200L1



Order Code	Type	Power	Beam Angle	CCT	Lumen	Trade Price
KLBA100L1	Standard	100W	Polarized	6500K	12000lm	£223.30
KLBA100L1/E	Emergency	100W	Polarized	6500K	12000lm	£411.86
KLBA150L1	Standard	150W	90°x110° Polarized	6500K	18500lm	£332.97
KLBA150L1/E	Emergency	150W	90°x110° Polarized	6500K	18500lm	£486.89
KLBA200L1	Standard	200W	90°x110°	6500K	24000lm	£339.89
KLBA200L1/E	Emergency	200W	90°x110°	6500K	24000lm	£530.76

Optional Gear

Type	Order Code	Description	Trade Price
Sensor*	KBTNLS1-MWS2*	Microwave motion and daylight sensor (user installed)	£24.54

On site commissioning available upon request

5 5 Years
Standard Warranty

2000V
Surge Protection
(L to GND)



Microwave Sensor
KBTNLS1-MWS2

Arcus-Compact

Compact LED low bay with diffuser

- Slim profile
- Microwave sensor option

Plug-in corridor sensor

Modular design

Ultra high efficiency

General Specification

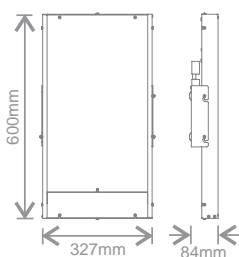
Voltage 220-240Vac
50-60Hz
CRI >80
Life Time 40,000h
Power Factor 0.95
Ambient Temp -20°C to 40°C
Housing Zinc coated sheet steel



Order Code

KMSD100LLBE-W65-WHT
KLBC150D1-W65

Dimensions



Order Code	Type	Power	Beam Angle	CCT	Lumen	Trade Price
KMSD100LLBE	Standard	100W	120°	6500K	11500lm	£301.89
KLBC150D1	Standard	150W	90°	6500K	19500lm	£355.52

Optional Gear

Type	Order Code	Description	Trade Price
Sensor*	KBTNLS1-MWS2*	Microwave motion and daylight sensor	£24.54

On site commissioning available upon request

NEW Available Jun 2020

Cumulus

Modular linear LED low bay & architecture flood light

Plug-in corridor sensor 

Flicker free 

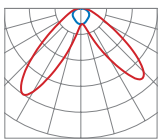
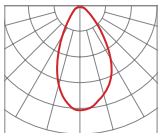
Modular design 

Ultra high efficiency 

- Modular design with extendable LED lighting module
 - High efficiency upto 160lm/W
 - Surface and suspended mounting
- Can be used as exterior architecture flood light
 - IP65 and vandal resistant IK10



LED Low bay
Suspended mounting

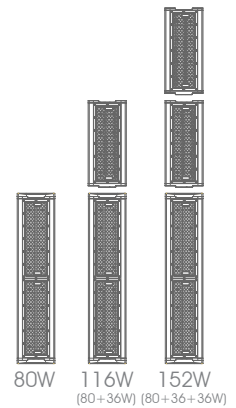


Architecture flood light
Surface mounting with brackets

- 5** Years Standard Warranty
- 7** Years Extended Warranty
- 2000V** Surge Protection (L to GND)
- 100-240V** Input voltage



Assembly with clip-on extensions



General Specification

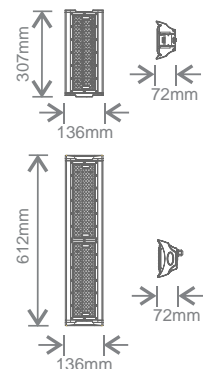
Voltage	100-240Vac 50-60Hz
CRI	>80
Life Time	40,000h
Power Factor	>0.95
Ambient Temp	-20°C to 40°C
Housing	Aluminium



Order Code

KLBC80L1-W50
KLBC80L1-P50
KLBC36L1-W50
KLBC36L1-P50

Dimensions



Order Code	Type	Power	Beam Angle	CCT	Lumen	Trade Price
KLBC80L1	Main Unit	80W	90° Polarized	5000K	12800lm	£389.29
KLBC36L1	Extension Unit	36W	90° Polarized	5000K	5760lm	£126.04

Accessories

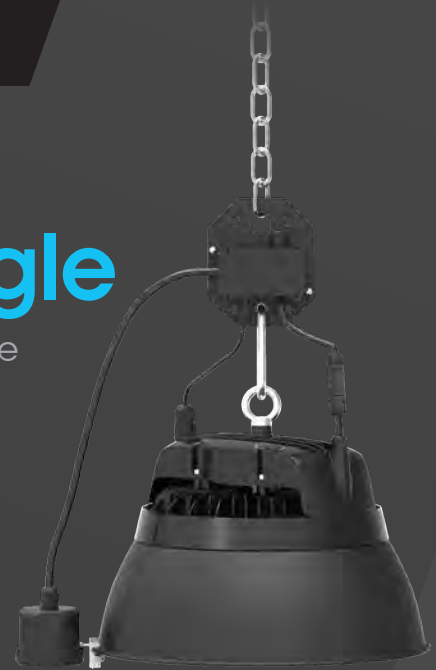
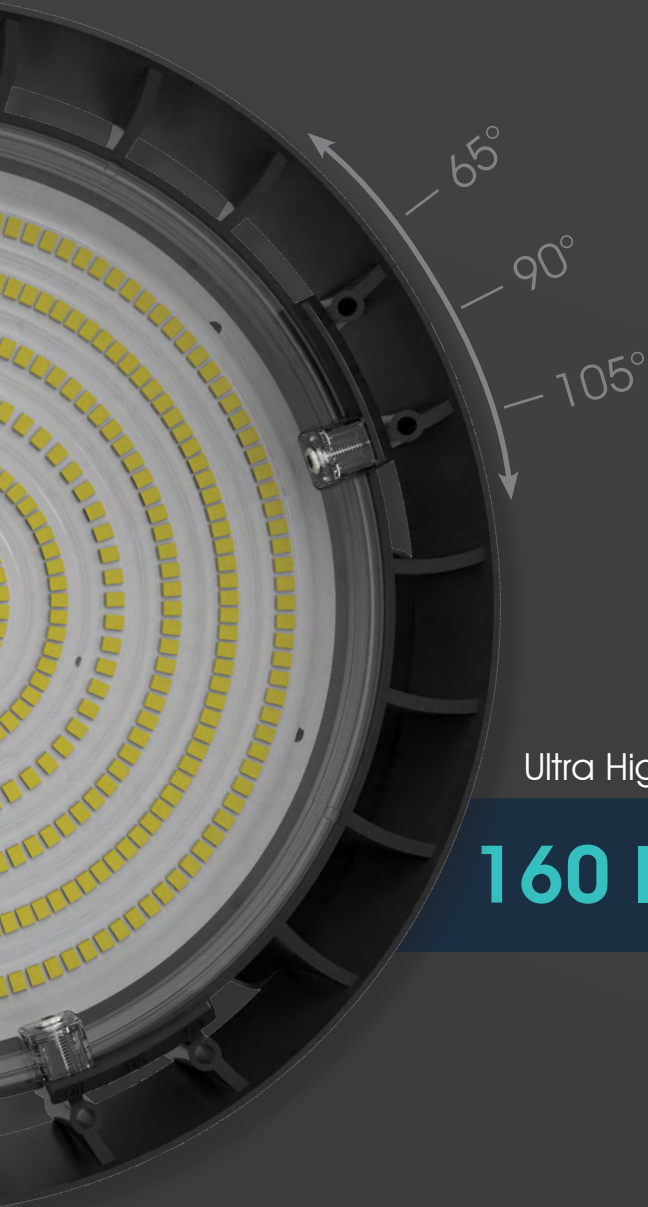
Type	Order Code	Description	Trade Price
Sensor*	KPT-KHBNC1-MWS1*	IP65 Microwave motion sensor	£168.85
Remote Control*	KPT-MWS-CON*	For remotely altering sensor settings or manual override	£87..26
Bracket	KPT-KLBCL1-B1	Tilting surface mount bracket	£25.35

On site commissioning available upon request

Nimbus III LED Highbay

Premium LED High-Bay with **Adjustable beam angle**

Turn the front optical lens clockwise to change beam angle



When the luminaire is suspended mounted, the wiring tray is located between the chain and the luminaire as illustrated in the diagram above. The wiring between the sensor and the 1-10V driver is pre-arranged inside the junction box. The user only needs to connect the power leads and 1-10V cable at the output of the junction box to the luminaire, then connect the external power leads to the junction box.

Ultra High Efficiency

160 lm/W



When being surface mounted whether it is onto a ceiling or trunking, there are suitable fixing holes on the wiring tray.

The wiring tray is included with the sensor unit.

Pushwire Connector

Water proof push-wire terminals for both 1-10V dimming and mains power connections.



NEW Available
Sep 2020

Nimbus III

Premium LED circular high bay with emergency option

Built-in emergency 

Plug-in corridor sensor 

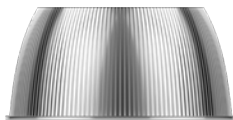
Flicker free 

Battery warranty  4 YEAR

Modular design 

Ultra high efficiency 

- Adjustable beam angle 65°, 90° or 105°
 - Water-proof push-wire connector
 - IP65 vandal resistant (IK10)
- 1-10V dimmable with emergency option
 - High Efficiency up to 160m/W
- Optional remote-control microwave sensor with stand-by dimming and daylight threshold
 - Die-cast aluminium body



▲ PC Shade
KPT-KHBC1-S1



▲ PC Shade
KPT-KHBC1-S4



▲ PC Lid
KPT-KHBC1-D1



▲ Aluminium Shade
KPT-KHBC1-S5



▲ Aluminium Shade
KPT-KHBC1-S2



▲ PC Shade
KPT-KHBC1-S3

5 5 Years
Standard Warranty

7 7 Years
Extended Warranty

4000V
Surge Protection
(L to GND)

1-10V
Dimmable Built-in

100-240V
Input voltage



KHBN210C1/E/DV
KHBN160C1/E/DV
KHBN200C1/E/DV
KHBN240C1/E/DV



KHBN210C1/DV



KHBN120C1/DV
KHBN160C1/DV



Aluminium Shade
with sensor



Remote Control

Standard

Order Code	Type	Power	Beam Angle*	CCT	Lumen	Trade Price
KHBN120C1/DV	Dimmable	120W	65° 90°/105°	5000K	17500lm 19200lm	£390.05
KHBN160C1/DV	Dimmable	160W	65° 90°/105°	5000K	23200lm 25600lm	£399.04
KHBN210C1/DV	Dimmable	210W	90°	5000K	33600lm	£571.98

* Variable beam angle by lens rotation (65/90/105°)

General Specification

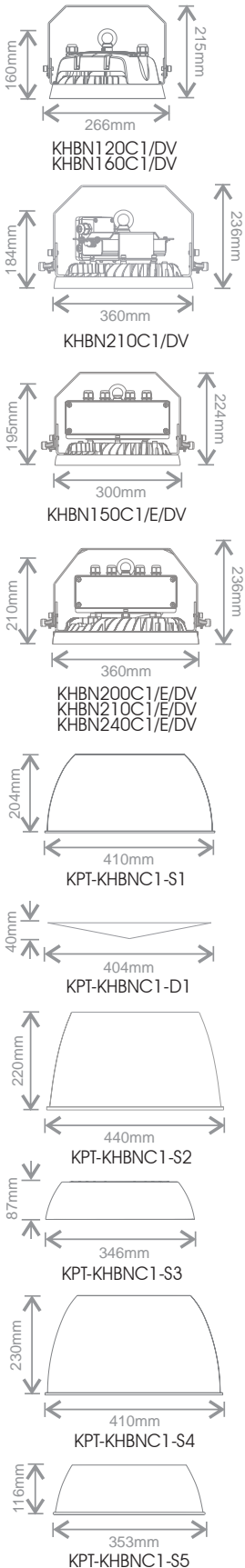
Voltage 100-240Vac
50-60Hz
CRI >80
Life Time 54,000h
Power Factor 0.95
Ambient Temp -25°C to 50°C
Housing Diecast aluminum



Order Code

KHBN120C1/DV-V50
 KHBN160C1/DV-V50
 KHBN210C1/DV-W50
 KHBN210C1/E/DV-W50
 KHBN150C1/E/DV-W50
 KHBN200C1/E/DV-W50
 KHBN240C1/E/DV-W50

Dimensions



Nimbus III Emergency

Order Code	Type	Power	Beam Angle	CCT	Lumen	Trade Price
KHBN210C1/E/DV	Dimmable	210W	90°	5000K	33600lm	£855.34

Nimbus II Emergency

Order Code	Type	Power	Beam Angle	CCT	Lumen	Trade Price
KHBN150C1/E/DV	Dimmable	150W	90°	5000K	21000lm	£640.45
KHBN200C1/E/DV	Dimmable	200W	90°	5000K	28000lm	£763.44
KHBN240C1/E/DV	Dimmable	240W	90°	5000K	33600lm	£811.33

Accessories

Type	Order Code	Description	Trade Price
Sensor	KPT-KHBNC1-MWS1*	IP65 Microwave motion sensor for KHBN120C1, KHBN160C1	£168.85
Sensor	KPT-KHBNC1-MWS*	IP65 Microwave motion sensor for KHBN210C1/DV, KHBN150C1, KHBN200C1, KHBN240C1	£110.65
Remote Control	KPT-MWS-CON*	For remotely altering sensor settings or manual override	£87.26
Bracket	KPT-KHBNC1-B1	Tilting surface mount bracket for KHBN150C1	£27.79
Bracket	KPT-KHBNC1-B2	Tilting surface mount bracket for KHBN210C1, KHBN200C1, KHBN240C1	£30.59
Bracket	KPT-KHBNC1-B3	Tilting surface mount bracket for KHBN120C1, KHBN160C1	£30.49
PC Shade	KPT-KHBNC1-S1	Translucent shade Ø410x204mm for KHBN210C1, KHBN200C1, KHBN240C1	£103.93
Aluminium Shade	KPT-KHBNC1-S2	Opaque shade Ø440x220mm for KHBN210C1, KHBN200C1, KHBN240C1	£100.52
PC Shade	KPT-KHBNC1-S3	Opal shade Ø346x87mm for KHBN120C1, KHBN160C1	£34.44
PC Shade	KPT-KHBNC1-S4	Translucent shade Ø410x230mm for KHBN120C1, KHBN160C1	£95.18
Aluminium Shade	KPT-KHBNC1-S5	Opaque shade Ø353x116mm for KHBN120C1, KHBN160C1	£39.25
PC Lid	KPT-KHBNC1-D1	Translucent bottom enclosure Ø404x40mm for KPT-KHBNC1-S1, KPT-KHBNC1-S4	£37.24

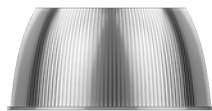
On site commissioning available upon request

Upgrade
Jun 2020
Echo

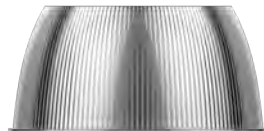
LED circular high bay with PC reflector

Ultra high efficiency 

- High Efficiency of 130lm/W
- Diecast aluminium body
- IP65
- Vandal resistant (IK08)
- 1.5m of H05RN-F 3 x 1mm² cable provided
- Optional reflectors for all models



PC Shade
◀ KPT-KHBEC1-S1



PC Shade
◀ KPT-KHBEC1-S2



Aluminium Shade
◀ KPT-KHBEC1-S3



PC Lid
◀ KPT-KHBNC1-D1

Order Code	Power	Beam Angle	CCT	Lumen	Trade Price
KHBE100C1	100W	90°	5000K	13000lm	£220.15
KHBE150C1	150W	90°	5000K	19500lm	£264.28
KHBE200C1	200W	90°	5000K	26000lm	£321.42

Accessories

Type	Order Code	Description	Trade Price
PC Shade	KPT-KHBEC1-S1	Translucent shade Ø312x125mm for KHBE100C1	£43.80
PC Shade	KPT-KHBEC1-S2	Translucent shade Ø411x158mm for KHBE150C1, KHBE200C1	£54.52
Aluminium Shade	KPT-KHBEC1-S3	Opaque shade Ø404x138mm for KHBE150C1, KHBE200C1	£37.10
PC Lid	KPT-KHBNC1-D1	Translucent bottom enclosure Ø404x40mm for KPT-KHBEC1-S2	£37.24

3 Years
Standard Warranty

5 Years
Extended Warranty

2000V
Surge Protection
(L to GND)

100-240V
Input voltage



Optional Connector
KCWP3IN

General Specification

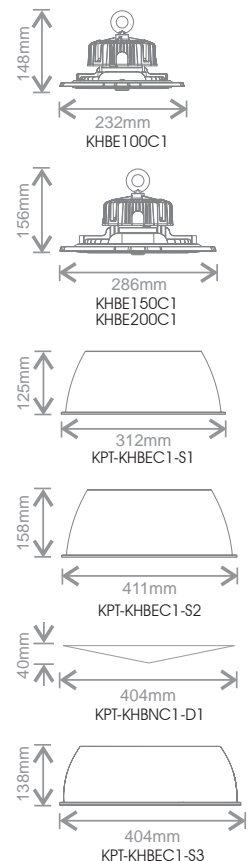
Voltage 100-240Vac
50-60Hz
CRI >70
Life Time 40,000h
Power Factor 0.95
Ambient Temp -20°C to 40°C
Housing Diecast aluminium

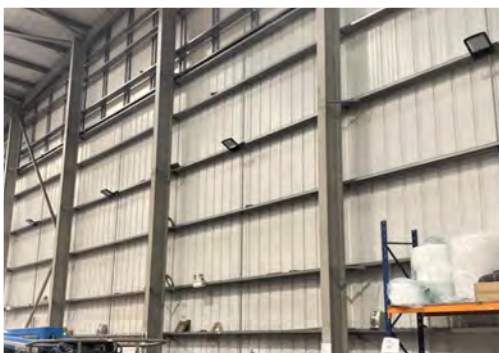
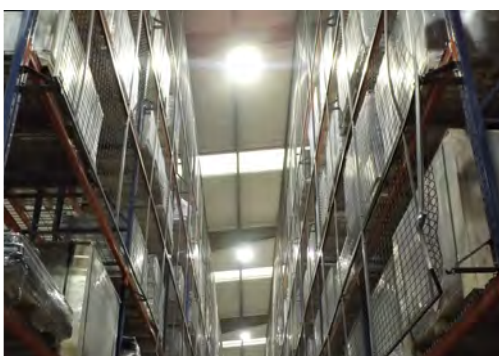


Order Code

KHBE100C1-W50
KHBE150C1-W50
KHBE200C1-W50

Dimensions





Kosnic replaces inefficient traditional Son and Metal Halide gas lamps with the more reliable and modern LED alternative. Improving the light output and reducing energy costs dramatically.

Jurateck

Location: Doncaster

Solution: 200W Echo LED circular High Bays and High Power Della Floodlights.

Nimbus-DOB II

LED circular high bay with DOB technology

- DOB (driver on board) technology
- IP65
- Longlife of 70,000hrs
- 20,000V surge protection

5 5 Years
Standard Warranty

7 7 Years
Extended Warranty

⚡ 20000V
Surge Protection



General Specification

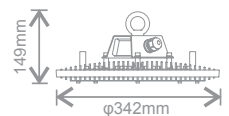
Voltage 220-240Vac
50-60Hz
CRI >80
Life Time 40,000h
Power Factor 0.99
Ambient Temp -20°C to 40°C
Housing Diecast aluminum



Order Code

KHBD130N1-W50

Dimensions



Order Code	Power	Beam Angle	CCT	Lumen	Trade Price
KHBD130N1	130W	120°	5000K	14000lm	£259.45



Compliments to Kosnic Lighting with the quality of lights installed it now creates a better working environment. The light output and clarity makes the inspection tests easier and our staff can now pick up on details of the caravans a lot better. Very impressed with the quality and light level of all the Kosnic Products used

– Tony Maundrill Projects manager (ABI)

ABI Caravans case study

Location: ABI caravans, Beverley, Yorkshire

Solution: Nimbus high-bay, Niva batten, Orda twin-spot emergency fitting, Manot emergency exit sign

SPEC LINE

Fractus

Switchable 120W/150W IP65 LED High Bay Luminaire

Wattage switching 

Flicker free 

Ultra high efficiency 

- Switchable wattage of 120W or 150W
 - 20% Uplighting
 - IP65 & IK10
- Efficiency up to 137lm/W
- Day light 5000K colour temperature
- Fixing loop for suspended mounting
 - Long life of 50,000h



Black

5 5 Years Standard Warranty

7 7 Years Extended Warranty

4000V Surge Protection (L to GND)

110-240 110-240V Input voltage



White



YouTube

Fractus Introduction - Scan QR code to watch video

General Specification

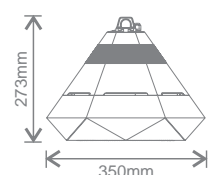
Voltage 110-240Vac
50-60Hz
CRI >80
Life Time 50,000h
Power Factor 0.95
Ambient Temp -40°C to 45°C
Housing Diecast aluminum



Order Code

KMHD150FHB-W50-BLK
KMHD150FHB-W50-WHT

Dimensions



Order Code	Power	Beam Angle	Finish	CCT	Lumen	Trade Price
KMHD150FHB	Switchable 120W / 150W	85°	Black White	5000K	Switchable 16500lm / 20450lm	£668.90

5 5 Years
Standard Warranty

Nimbo

High Bay Luminaire for E27/E40 High Power LED lamps

Recommended lamps



Petal ↪ P240



Doughnut ↪ P241



Optional Connector
KCWP3IN

General Specification

Voltage 220-240Vac
50-60Hz

Connection 1m of
H05RN-F 2 x 1mm²

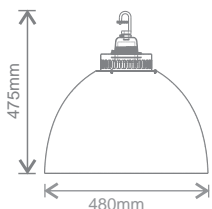
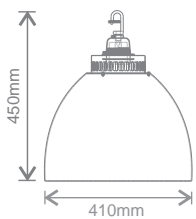


Order Code

KHBF1E27

KHBF1E40

Dimensions



- Choices of E27 or E40 lampholder
- 16" and 19" PMMA Clear shades available
- Suspension installation



Luminaire Body

Order Code	Power	Lampholder	Trade Price
KHBF1E27	250 W LED (Max)	E27	£53.08
KHBF1E40	250 W LED (Max)	E40	£54.03

Lamp Shade

Type	Order Code	Description	Trade Price
PMMA Shade	KHBF1S16	Translucent shade Ø410x450mm (16")	£55.91
PMMA Shade	KHBF1S19	Translucent shade Ø480x475mm (19")	£80.11

Accessories

Type	Order Code	Description	Trade Price
Connector	KCWP3IN	IP67 In-line Connector	£10.59



Amenity
Exterior Luminaire



Haldon 180



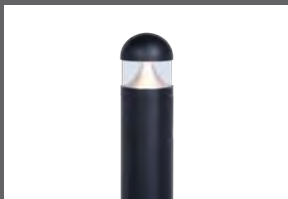
Epping 181



Darwin 182



Ascott 183



Arden 184



Halo Hybrid 186



Tarkine 187



Levens 188



Vyne 188



Ashdown 189

Haldon

Outdoor LED wall light

Flicker free 

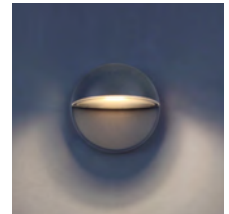
- Die-cast aluminium body with polycarbonate diffuser
- Black and dark grey textured powder coat finishing
- Choices of circular and oval shapes



5 5 Years
Standard Warranty

7 7 Years
Extended Warranty

1000V
Surge Protection
(L to GND)



General Specification

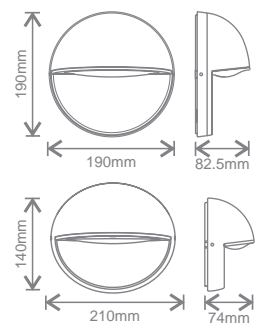
Voltage 220-240Vac
50-60Hz
Life Time 40,000h
Ambient Temp -20°C to 40°C
Housing Diecast aluminum



Order Code

KWAL109C-BLK
KWAL109C-GRY
KWAL109O-BLK
KWAL109O-GRY

Dimensions



Order Code	Power	Beam Angle	Finish	CCT	Lumen	Trade Price
KWAL109C	9W	53°	Black Grey	4000K	475lm	£56.67
KWAL109O	9W	53°	Black Grey	4000K	475lm	£56.09

5 5 Years
Standard Warranty

7 7 Years
Extended Warranty

1000V
Surge Protection
(L to GND)



Epping

SPEC LINE

LED brick light

- Die-cast aluminium body with polycarbonate front cover
- Polycarbonate back box for easy installation
- Choice of styles and mounting positions
- Black and dark grey textured powder coat finishing

General Specification

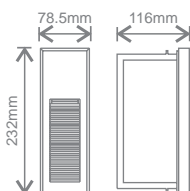
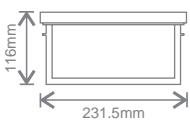
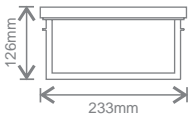
Voltage 220-240Vac
50-60Hz
Life Time 40,000h
Ambient Temp -20°C to 50°C
Housing Diecast aluminum



Order Code

KBRK112GRD-BLK
KBRK112GRD-GRY
KBRK112STD-BLK
KBRK112STD-GRY
KBRK103VER-BLK
KBRK103VER-GRY

Dimensions



Order Code	Power	Beam Angle	Finish	CCT	Lumen	Trade Price
KBRK112GRD	12W	55°	Black Grey	4000K	210lm	£85.99
KBRK112STD	12W	63°	Black Grey	4000K	320lm	£85.58
KBRK103VER	3W	22°	Black Grey	4000K	140lm	£79.16

Darwin

Decorative wall lantern with E27 lamp holder

- Die-cast aluminium body and glass diffuser
- Option of top arm or bottom arm mounting



▲ Lamp not included

Order Code	Max Power	Lamp Holder	Finish	Trade Price
KLTN1E27T	100W	E27	Black	£128.52
KLTN1E27B	100W	E27	Black	£128.52

5 5 Years
Standard Warranty



Recommended lamps



Flame Lamp ↪ P259

General Specification

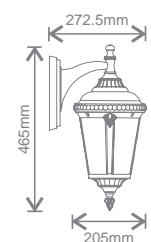
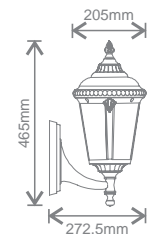
Voltage 220-240Vac
50-60Hz
Life Time 40,000h
Ambient Temp -20°C to 40°C
Housing Diecast aluminium



Order Code

KLTN1E27T
KLTN1E27B

Dimensions



5 5 Years
Standard Warranty

7 7 Years
Extended Warranty

1000V
Surge Protection
(L to GND)



Ascott

Round wall lantern with integrated LED

- Die-cast aluminium body with polycarbonate diffuser
- Option of PIR version

 Built-in motion sensor

 Flicker free

General Specification

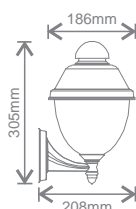
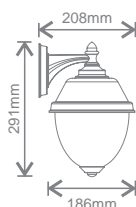
Voltage 220-240Vac
50-60Hz
Life Time 40,000h
Ambient Temp -20°C to 50°C
Housing Diecast aluminium



Order Code

KLTN210T
KLTN210B
KLTN210B/S

Dimensions



Order Code	Type	Power	Beam Angle	Finish	CCT	Lumen	Trade Price
KLTN210T	Standard	10W	90°	Black	4000K	690lm	£90.77
KLTN210B	Standard	10W	90°	Black	4000K	690lm	£90.28
KLTN210B/S	Sensor	10W	90°	Black	4000K	690lm	£127.28

Arden

Aluminium die-cast bollards with integrated LED

- Die-cast aluminium body with polycarbonate diffuser
 - Internal stainless steel reflector
 - Options of various heights
- Black or dark grey textured powder coat finishing



Ø120mm



Ø160mm

5 5 Years
Standard Warranty

7 7 Years
Extended Warranty

1000V
Surge Protection
(L to GND)

General Specification

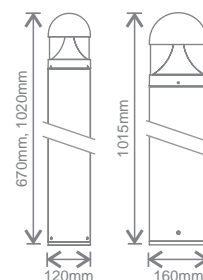
Voltage 220-240Vac
50-60Hz
Life Time 40,000h
Ambient Temp -20°C to 50°C
Housing Diecast aluminium



Order Code

KBLD210M-BLK
KBLD210M-GRY
KBLD210T-BLK
KBLD210T-GRY
KBLD320T-BLK
KBLD320T-GRY

Dimensions



Order Code	Power	Height	Beam Angle	Finish	CCT	Lumen	Trade Price
KBLD210M	10W	670mm	90°	Black Grey	4000K	780lm	£158.77
KBLD210T	10W	1020mm	90°	Black Grey	4000K	780lm	£200.03
KBLD320T	20W	1015mm	90°	Black Grey	4000K	1100lm	£366.98

Halo Hybrid | Solar LED lighting

Solar and Mains Powered

Hybrid Exterior Luminaires

Ultimate energy saving with accountable lighting service



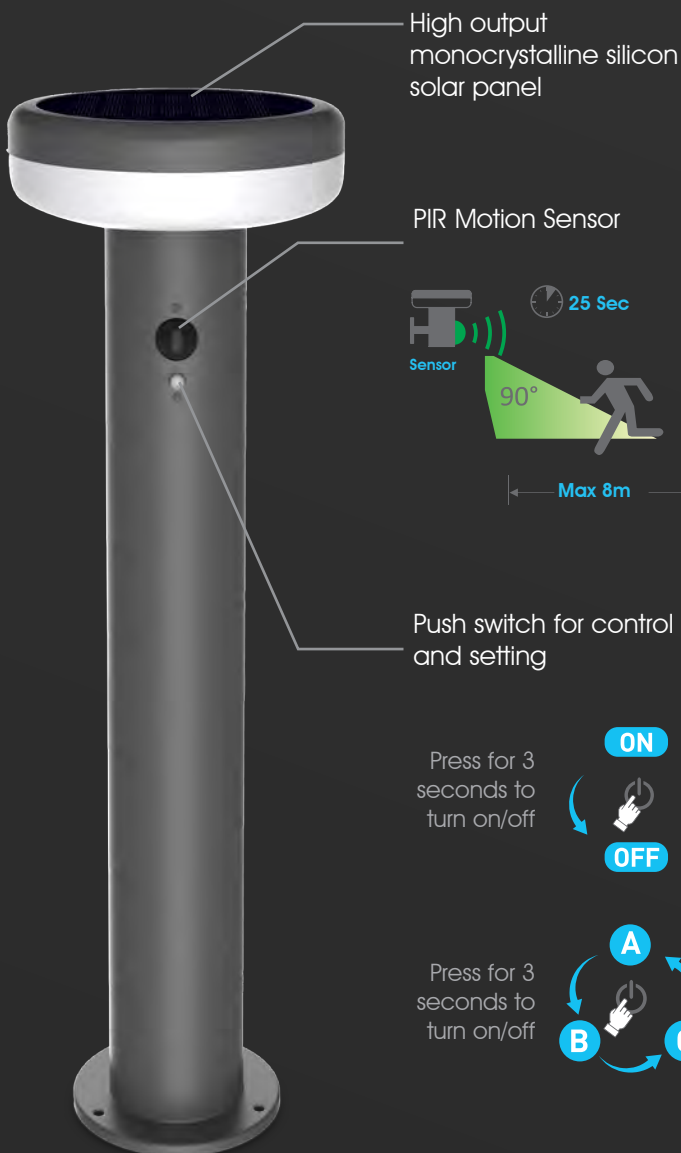
Solar panel located at the top of the luminaire collects the energy during the daytime and discharges over the evening with different operation modes with max output of 450lm.



Mains driver and terminal connectors are provided by default. When being wired, the solar power supply will still take priority. After solar battery being fully discharged, the mains supply takes over until the next morning.



Emergency version is also available. the built-in emergency module is charged via unswitched mains supply, and discharges over 3hours in the case of power cut.



Operation modes:

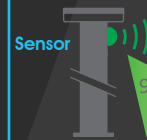
Mode A



55 Lumen

Low constant light output for maximum operation time

Mode B

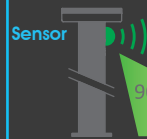


300 Lumen

55 Lumen

Low standby light output, switching to a higher output for 25 sec when movements detected

Mode C



450 Lumen

Off

Switching on to the higher output for 25 sec when movements detected, otherwise off

Patent

NEW Available
Sep 2020

Halo Hybrid

Solar and mains powered hybrid exterior luminaire with emergency option

Battery warranty **4** YEAR

Built-in motion sensor

Built-in emergency

- Integrated high output Polycrystalline silicon solar panel
- Option of solar only or hybrid with mains wiring
 - Built-in PIR and daylight sensor
- Multiple operation mode with different light level setting
 - Emergency version available.



Mode A

Standby illumination at low level of 55 lm.

Mode B

Standby illumination at low level of 55 lm but switching to 300 lm for 25 seconds when the PIR sensor detects motion.

Mode C

Off but switching to 450 lm for 25 seconds when the PIR sensor detects motion.

3 Years Standard Warranty

5 Years Extended Warranty



General Specification

CRI	>80
Life Time	25,000h
Power Factor	1.0
Ambient Temp	-10°C to 40°C
Housing	Aluminium Alloy
Solar panel	Polysilicon
Operation Time	3h
Charging Time	12h
Battery Voltage	3.7V
Battery Life	4 Years



Bollard light

Order Code	Mode	Lumen	Height	Finish	CCT	Battery Capacity	Trade Price
KSPLO6HAL1	Standard	450lm	540mm	Black Grey	4000K	4400mAh	£264.65
KSPLO6HAL1/E	Emergency	120lm	540mm	Black Grey	4000K	4400mAh 2600mAh	£325.30
KSPLO6HAL2	Standard	450lm	840mm	Black Grey	4000K	4400mAh	£306.20
KSPLO6HAL2/E	Emergency	120lm	840mm	Black Grey	4000K	4400mAh 2600mAh	£366.96

Wall light

Order Code	Mode	Lumen	Finish	CCT	Battery Capacity	Trade Price
KSWLO6HAL	Standard	450lm	Black Grey	4000K	2200mAh	£157.64
KSWLO6HAL/E	Emergency	120lm	Black Grey	4000K	2200mAh 2600mAh	£217.90

Battery

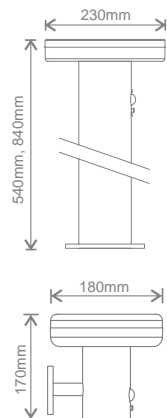
Order Code	Type	Capacity	Trade Price
KBAT2600LI1	Li-ion	2600mAh	£46.75

Order Code

KSPLO6HAL1-BLK
KSPLO6HAL1-GRY
KSPLO6HAL1/E-BLK
KSPLO6HAL1/E-GRY
KSPLO6HAL2-BLK
KSPLO6HAL2-GRY
KSPLO6HAL2/E-BLK
KSPLO6HAL2/E-GRY

KSWLO6HAL-BLK
KSWLO6HAL-GRY
KSWLO6HAL/E-BLK
KSWLO6HAL/E-GRY

Dimensions



5 5 Years
Standard Warranty

7 7 Years
Extended Warranty

1000V
Surge Protection
(L to GND)



Tarkine

Modern aluminium die-cast bollards with integrated LED

- Die-cast aluminium body with polycarbonate diffuser
- Light being directed downward for minimum glare
- Black or dark grey textured powder coat finishing

General Specification

Voltage 220-240Vac
50-60Hz
Life Time 40,000h
Ambient Temp -20°C to 50°C
Housing Diecast aluminum



Order Code

KBLD510S-BLK
KBLD510S-GRY
KBLD510M-BLK
KBLD510M-GRY
KBLD510T-BLK
KBLD510T-GRY

Dimensions



Order Code	Power	Height	Beam Angle	Finish	CCT	Lumen	Trade Price
KBLD510S	10W	400mm	90°	Black Grey	4000K	500lm	£177.42
KBLD510M	10W	650mm	90°	Black Grey	4000K	500lm	£192.50
KBLD510T	10W	800mm	90°	Black Grey	4000K	500lm	£201.65

Levens

LED Inground uplight

- Stainless steel front bezel
- Powder coated die-cast aluminium body
- Static load >2000kg, suitable for vehicular and pedestrian traffic
- Integral driver, LED and optic lens
- Pre-wired with 0.5 metre of rubber insulated cable
- Plastic housing is provided for easy installation



Order Code	Power	Beam Angle	Finish	CCT	Lumen	Trade Price
KIGL103-B50	3W	90°	Black	5000K	140lm	£115.40

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

General Specification

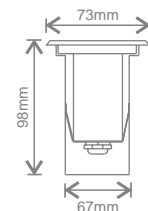
Voltage	220-240Vac 50-60Hz
Life Time	40,000h
Ambient Temp	-20°C to 50°C
Housing	Diecast aluminum



Order Code

KIGL103-B50

Dimensions



Vyne

Inground uplight for LED GU10 lamps

- Stainless steel front bezel
- Powder coated die-cast aluminium body
- Static load >2000kg, suitable for vehicular and pedestrian traffic
- GU10 Lamp holder
- Pre-wired with 0.5 metre of rubber insulated cable
- Plastic housing is provided for easy installation



◀ Lamp not included

Order Code	Max Power	Lamp Holder	Finish	Trade Price
KIGL2GU10	35W	GU10	Black	£42.39

- 5** 5 Years Standard Warranty

General Specification

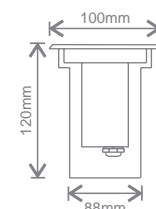
Voltage	220-240Vac 50-60Hz
Life Time	40,000h
Ambient Temp	-20°C to 50°C
Housing	Diecast aluminum



Order Code

KIGL2GU10

Dimensions



5 5 Years
Standard Warranty

Ashdown

Surface/spike spot light for LED GU10 Lamp

- Die-cast aluminium body with polycarbonate diffuser
- Option of surface mount kit
- Popular GU10 lamp holder



General Specification

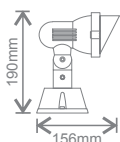
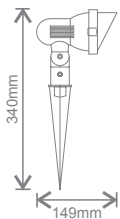
Voltage 220-240Vac
50-60Hz
Life Time 40,000h
Ambient Temp -20°C to 50°C
Housing Diecast aluminum



Order Code

KSPK1GU10-BLK
KSPK1GU10-GRY
KPTSPK1-SUR-BLK
KPTSPK1-SUR-GRY

Dimensions



Order Code	Max Power	Lamp Holder	Finish	Trade Price
KSPK1GU10	35W	GU10	Black Grey	£38.63

Accessories

Type	Order Code	Description	Trade Price
Base	KPTSPK1-SUR	Surface mounting base	£22.57

10

Retail & Display



Atami

194



Avalon

198



Maly

204



Tatio

208



Penta

210



Azure

212



Aloba

213

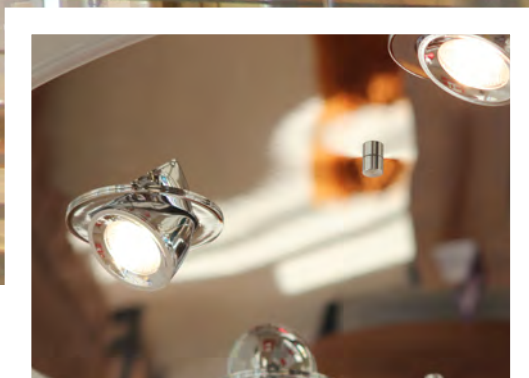


Airline

214



With stores open 7 days a week throughout the year, high quality, long lasting products were key to this project. The lighting needed to highlight the products on sale, whilst creating a warm and inviting ambiance.



DFS nationwide Case Study

Location: Nationwide

Solution: 15w circular Tatio wall washer, 34w Maly retail downlight and housing, 24w Aloba track light and 3w emergency Nitro recessed downlight



SPEC LINE

Atami

Modular LED down light system with multiple mounting positions

Wattage switching



Modular design



- Modular design of LED modules and housings
 - Low UGR LED modules available
 - Options of recessed, trim-less, surface and suspended mountings
- Colour temperature switching 3000/4000/5000
 - Each LED module has 2 wattage options



Order Code	Default Power	Power	Beam Angle	CCT	Lumen	Trade Price
KRDL0715/SCT	-	7W	55° 100°	3000K	770lm/720lm	£61.28
				4000K	820lm/770lm	
				5000K	820lm/770lm	
	15W	-	55° 100°	3000K	1650lm/1550lm	
				4000K	1750lm/1650lm	
				5000K	1750lm/1650lm	

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

General Specification

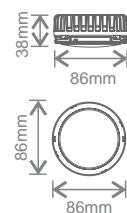
Voltage	180-264Vac 50-60Hz
CRI	>80
Life Time	40,000h
Power Factor	>0.90
Ambient Temp	-20°C to 40°C
Housing	Diecast aluminum



Order Code

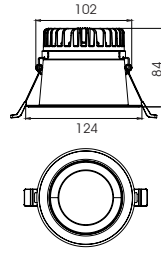
KRDL0715/SCT-F
KRDL0715/SCT-W

Dimensions

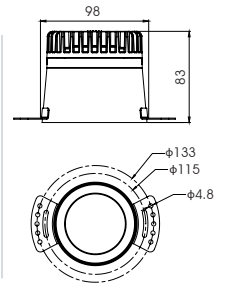




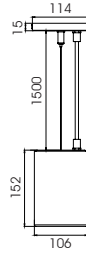
KRDL04H-REC
4" Recessed
Cut-out 102mm



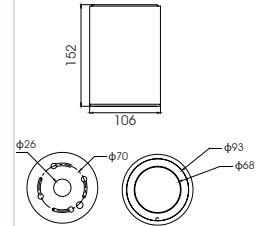
KRDL04H-TRL
4" Trim-less
Cut-out 98mm



KRDL04H-PEN
4" Pendant



KRDL04H-SUR
4" Surface



KRDL04REF-WHT



KRDL04REF-BLK



KRDL04REF-BAS



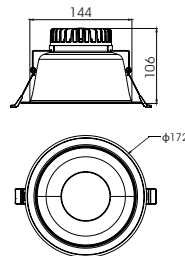
KRDL04REF-CHM



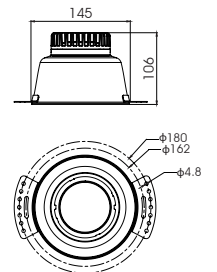
KRDL04REF-SLV



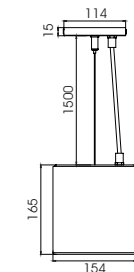
KRDL06H-REC
6" Recessed
Cut-out 144mm



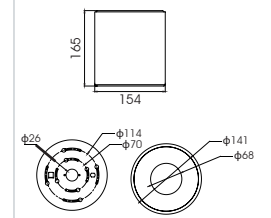
KRDL06H-TRL
6" Trim-less
Cut-out 145mm



KRDL06H-PEN
6" Pendant



KRDL06H-SUR
6" Surface



KRDL06REF-WHT



KRDL06REF-BLK



KRDL06REF-BAS



KRDL06REF-CHM



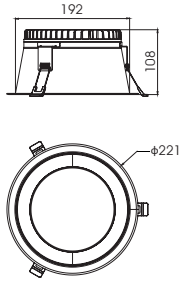
KRDL06REF-SLV



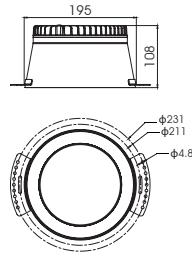
Order Code	Default Power	Power	Beam Angle	CCT	Lumen	Trade Price
KRDL2030/SCT	-	20W	55°	3000K	2660lm/2540lm	£125.07
			100°	4000K	2800lm/2680lm	
				5000K	2800lm/2680lm	
	30W	-	55°	3000K	3990lm/3810lm	
			100°	4000K	4200lm/4020lm	
				5000K	4200lm/4020lm	



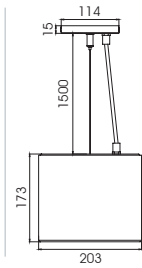
KRDL08H-REC
8" Recessed
Cut-out 192mm



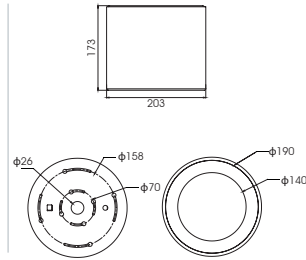
KRDL08H-TRL
8" Trim-less
Cut-out 195mm



KRDL08H-PEN
8" Pendant



KRDL08H-SUR
8" Surface



KRDL08REF-WHT



KRDL08REF-BLK



KRDL08REF-BAS



KRDL08REF-CHM

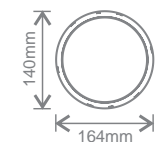
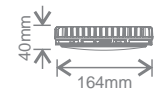


KRDL08REF-SLV

Order Code

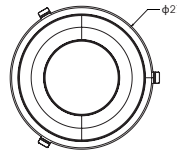
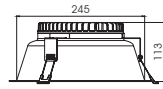
KRDL2030/SCT-W

Dimensions

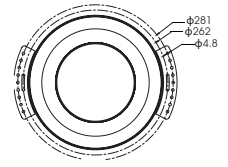
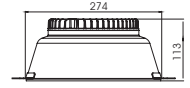




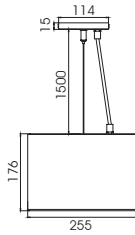
KRDL10H-REC
10" Recessed
Cut-out 245mm



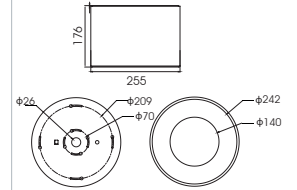
KRDL10H-TRL
10" Trim-less
Cut-out 274mm



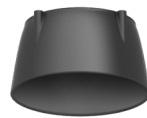
KRDL10H-PEN
10" Pendant



KRDL10H-SUR
10" Surface



KRDL10REF-WHT



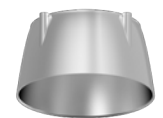
KRDL10REF-BLK



KRDL10REF-BAS



KRDL10REF-CHM



KRDL10REF-SLV

Optional Gear

Type	Order Code	Description	Trade Price
Dimmable driver	CYC030TDC25-70	Configurable DALI & 1-10V Dimmable Driver for 7/15W Module	£90.79
Dimmable driver	CYC050TDC70-140	Configurable DALI & 1-10V Dimmable Driver 20/30W Module	£105.18
Emergency module	CEW05LIL/N	UEM, 5W, li-ion battery	£99.37
Self-test emergency module	CEW05LIL/S	Self-test UEM, 5W, li-ion battery	£117.47

SPEC LINE

Avalon

Modular system of LED retail downlight

Modular design



- Enhanced glare control
- Variety of reflector inserts
- Modular design of LED engine and housings
 - High performance CREE COB LED
 - Negligible UV, ideal for retail application

TRIDONIC
bridgelux.



5 5 Years
Standard Warranty

7 7 Years
Extended Warranty

500V
Surge Protection

General Specification

Voltage	220-240Vac 50-60Hz
CRI	>80
Life Time	40,000h
Power Factor	>0.55
Ambient Temp	-20°C to 50°C
Housing	Diecast aluminum

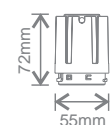
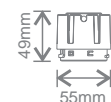


Order Code

KRDL1001M09-B50
KRDL1001M09-S50

KRDL1002M15-B50
KRDL1002M15-S50

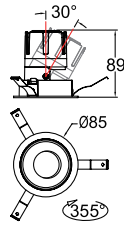
Dimensions



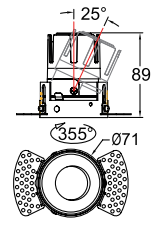
Order Code	Power	Beam Angle	CCT	Lumen	Trade Price
KRDL1001M09	9W	15° 38°	5000K	900lm	£49.08



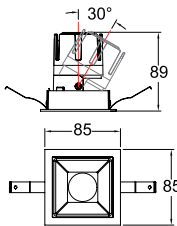
Order Code	Power	Beam Angle	CCT	Lumen	Trade Price
KRDL1002M15	15W	15° 38°	5000K	1450lm	£61.83



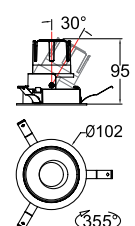
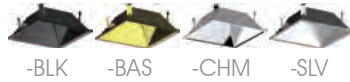
KRDL1003R-01
Cut-out 75mm



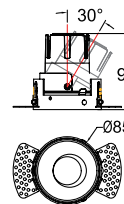
KRDL1003R-T1
Cut-out 76mm



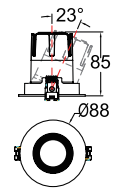
KRDL1003S-01
Cut-out 75*75mm



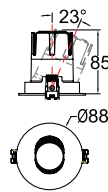
KRDL1004R-01
Cut-out 90mm



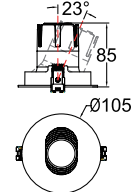
KRDL1004R-T1
Cut-out 90mm



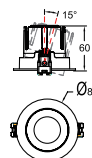
KRDL1072R-01
Cut-out 75mm



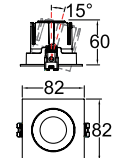
KRDL1073R-01
Cut-out 75mm



KRDL1080R-01
Cut-out 90mm



KRDL1081R-01
Cut-out 70mm

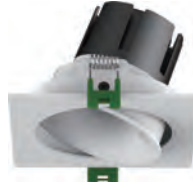
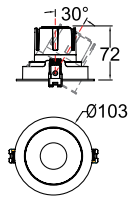


KRDL1082S-01
Cut-out 70mm

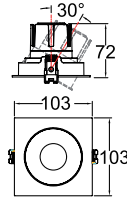




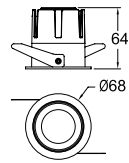
KRDL1083R-01
Cut-out 90mm



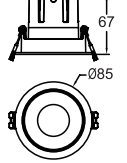
KRDL1084S-01
Cut-out 90mm



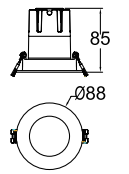
KRDL1011R-01
Cut-out 60mm



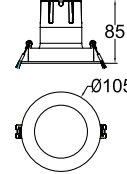
KRDL1012R-01
Cut-out 75mm



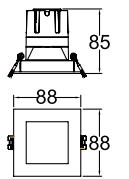
KRDL1071R-03
Cut-out 75mm



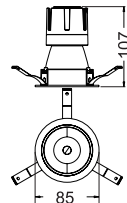
KRDL1079R-03
Cut-out 90mm



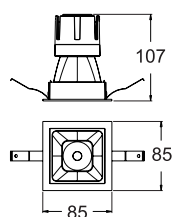
KRDL1071S-01
Cut-out 75x75mm



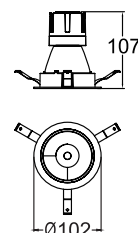
KRDL1207R-01
Cut-out 75mm



KRDL1207S-01
Cut-out 75x75mm



KRDL1208R-01
Cut-out 90mm

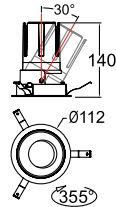




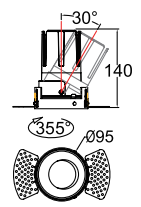
Order Code	Power	Beam Angle	CCT	Lumen	Trade Price
KRDL1003M24	24W	15° 38°	5000K	1830lm	£90.45



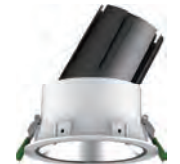
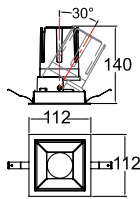
KRDL1006R-01
Cut-out 100mm



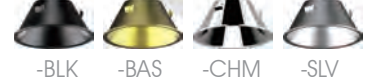
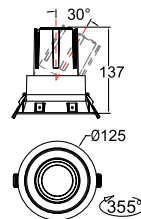
KRDL1006R-T1
Cut-out 100mm



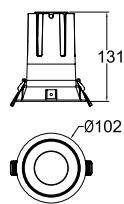
KRDL1006S-01
Cut-out 100*100mm



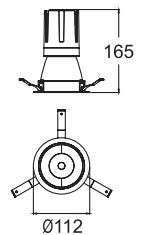
KRDL1042R-01
Cut-out 110mm



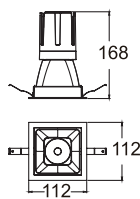
KRDL1032R-01
Cut-out 90mm



KRDL1209R-01
Cut-out 100mm



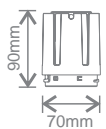
KRDL1209S-01
Cut-out 100x100mm



Order Code

KRDL1003M24-B50
KRDL1003M24-S50

Dimensions

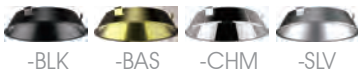
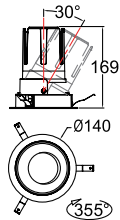




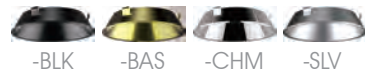
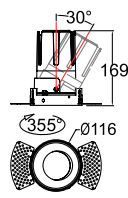
Order Code	Power	Beam Angle	CCT	Lumen	Trade Price
KRDL1004M33	33W	15° 38°	5000K	2750lm	£117.48



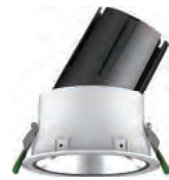
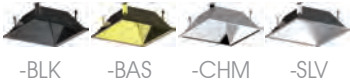
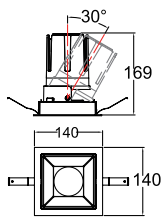
KRDL1007R-01
Cut-out 125mm



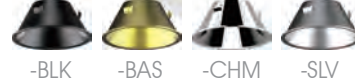
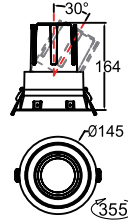
KRDL1007R-T1
Cut-out 122mm



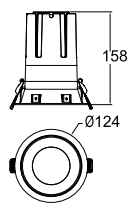
KRDL1007S-01
Cut-out 125x125mm



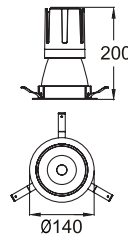
KRDL1043R-01
Cut-out 130mm



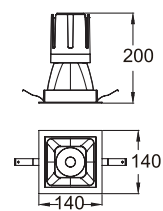
KRDL1033R-01
Cut-out 110mm



KRDL1210R-01
Cut-out 125mm



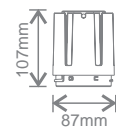
KRDL1210S-01
Cut-out 125x125mm



Order Code

KRDL1004M33-B50
KRDL1004M33-S50

Dimensions

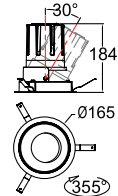




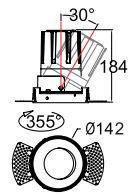
Order Code	Power	Beam Angle	CCT	Lumen	Trade Price
KRDL1005M42	42W	15° 38°	5000K	3750lm	£144.14



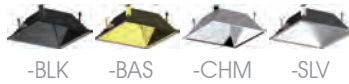
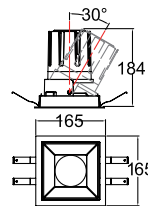
KRDL1008R-01
Cut-out 150mm



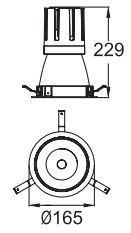
KRDL1008R-T1
Cut-out 148mm



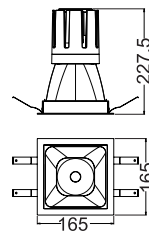
KRDL1008S-01
Cut-out 150x150mm



KRDL1211R-01
Cut-out 150mm



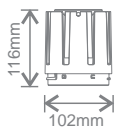
KRDL1211S-01
Cut-out 150x150mm



Order Code

KRDL1005M42-B50
KRDL1005M42-S50

Dimensions



SPEC LINE

Maly

Modular system of LED retail downlights

Modular design



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

5 5 Years
Standard Warranty

7 7 Years
Extended Warranty

500V
Surge Protection

TRIDONIC
CREE



General Specification

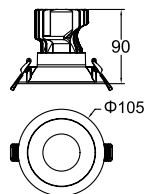
Voltage	220-240Vac 50-60Hz
CRI	>80
Life Time	40,000h
Power Factor	>0.95
Ambient Temp	-20°C to 50°C
Housing	Diecast aluminum



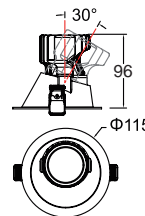
Order Code	Power	Beam Angle	CCT	Lumen	Trade Price
KRDL605M15	15W	15° 38°	5000K	1250lm	£50.61



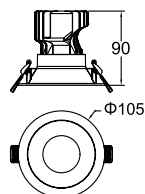
KRDL615HW
Cut-out 90mm



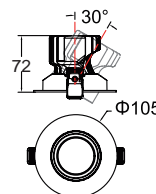
KRDL635HW
Cut-out 100mm



KRDL615-BHS
Cut-out 90mm



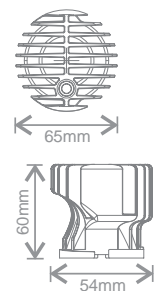
KRDL642HW
Cut-out 90mm



Order Code

KRDL605M15-B50
KRDL605M15-S50

Dimensions

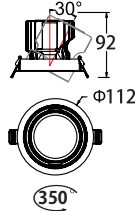




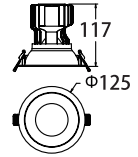
Order Code	Power	Beam Angle	CCT	Lumen	Trade Price
KRDL606M24	24W	15° 38°	4000K 5000K	2100lm	£77.49



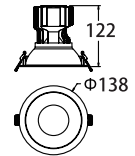
KRDL606HW
Cut-out 100mm



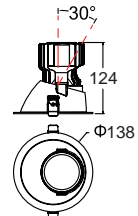
KRDL616HW
Cut-out 115mm



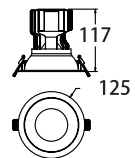
KRDL626HW
Cut-out 125mm



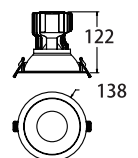
KRDL636HW
Cut-out 125mm



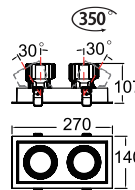
KRDL616-BHS
Cut-out 115mm



KRDL626-BHS
Cut-out 125mm



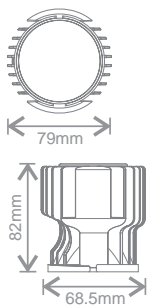
KRDL646-2HW
Cut-out 255x125mm



Order Code

- KRDL606M24-B40
- KRDL606M24-S40
- KRDL606M24-B50
- KRDL606M24-S50

Dimensions

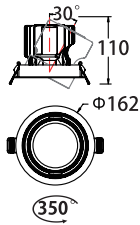




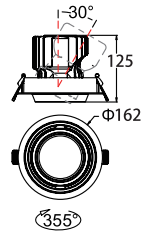
Order Code	Power	Beam Angle	CCT	Lumen	Trade Price
KRDL607M34	34W	15° 40°	4000K 5000K	3100lm 2800lm	£95.24



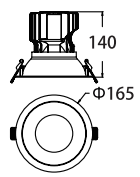
KRDL607-1HW
Cut-out 150mm



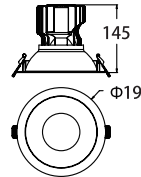
KRDL607-2HW
Cut-out 150mm



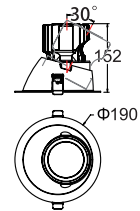
KRDL617HW
Cut-out 150mm



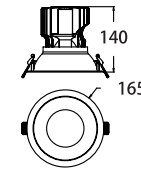
KRDL627HW
Cut-out 170mm



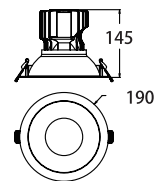
KRDL637HW
Cut-out 170mm



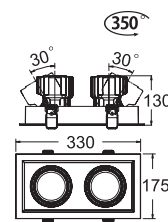
KRDL617-BHS
Cut-out 150mm



KRDL627-BHS
Cut-out 170mm



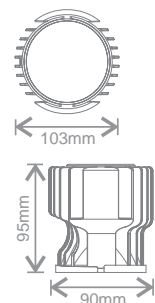
KRDL647-2HW
Cut-out 315x160mm



Order Code

- KRDL607M34-B40
- KRDL607M34-S40
- KRDL607M34-B50
- KRDL607M34-S50

Dimensions

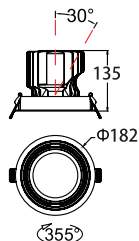




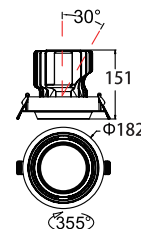
Order Code	Power	Beam Angle	CCT	Lumen	Trade Price
KRDL608M50	50W	20° 40°	4000K 5000K	4100lm	£186.24



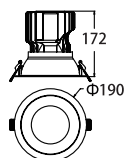
KRDL608-1HW
Cut-out 170mm



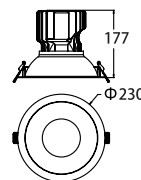
KRDL608-2HW
Cut-out 170mm



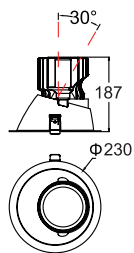
KRDL618HW
Cut-out 170mm



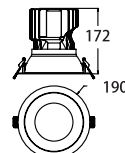
KRDL628HW
Cut-out 210mm



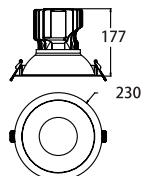
KRDL638HW
Cut-out 210mm



KRDL618-BHS
Cut-out 170mm



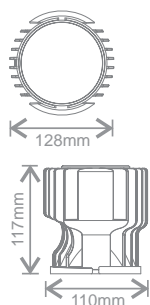
KRDL628-BHS
Cut-out 210mm



Order Code

- KRDL608M50-B40
- KRDL608M50-S40
- KRDL608M50-B50
- KRDL608M50-S50

Dimensions



Tatio

Circular LED wall washer

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

TRIDONIC
CREE



Chrome
KWWDL15-S30-CHM



Silver
KWWDL15-S30-SLV

Order Code	Power	Beam Angle	Finish	Cut-out	CCT	Lumen	Trade Price
KWWDL09	9W	15° 38°	White	82mm	3000K 5000K	1020lm	£64.77
KWWDL15	15W	16° 36°	White	90mm	3000K 5000K	1250lm	£84.54
KWWDL15	15W	16° 36°	Chrome*	92mm	3000K 5000K	1250lm	£112.08
KWWDL15	15W	16° 36°	Silver*	92mm	3000K 5000K	1250lm	£105.50
KWWDL24	24W	15°	White	145mm	3000K 5000K	2000lm 2100lm	£123.88
KWWDL24	24W	38°	White	145mm	3000K 5000K	2000lm	£123.88
KWWDL34	34W	15°	White	170mm	3000K 5000K	2800lm 3100lm	£153.66
KWWDL34	34W	40°	White	170mm	3000K 5000K	2300lm 2900lm	£153.66

* Chrome & Silver factory order only

- 5** 5 Years Standard Warranty
- 7** 7 Years Extended Warranty
- 500V** Surge Protection
- 82/90/92/145/170mm** Cut-out

General Specification

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



Order Code

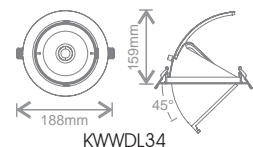
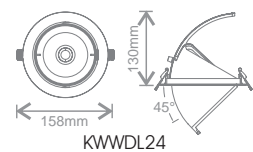
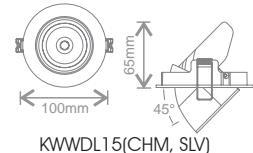
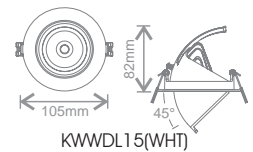
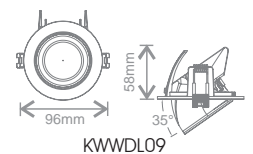
KWWDL09-B30
KWWDL09-B50
KWWDL09-S30
KWWDL09-S50

KWWDL15-B30-WHT
KWWDL15-B50-WHT
KWWDL15-S30-WHT
KWWDL15-S30-CHM
KWWDL15-S30-SLV
KWWDL15-S50-WHT
KWWDL15-S50-CHM
KWWDL15-S50-SLV

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

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

Dimensions



- 5** 5 Years
Standard Warranty
- 7** 7 Years
Extended Warranty
- 1000V**
Surge Protection
- 220x130mm**
Cut-out

Tatio-R

Rectangular LED wall washer

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

General Specification

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

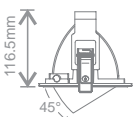
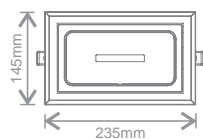


Order Code

KWWDL25Q-W30
KWWDL25Q-W40
KWWDL25Q-W65

KWWDL35Q-W30
KWWDL35Q-W40
KWWDL35Q-W65

Dimensions



Order Code	Power	Beam Angle	Cut-out	CCT	Lumen	Trade Price
KWWDL25Q	25W	110°	220x130mm	3000K*	2050lm	£148.10
				4000K	2120lm	
				6000K*	2150lm	
KWWDL35Q	35W	110°	220x130mm	3000K*	2960lm	£156.40
				4000K	3050lm	
				6000K*	3120lm	

* 3000K & 6000K factory order only

NEW Available
Sep 2020

Penta

Single circuit LED track light

- For the popular JT single circuit track
- Negligible UV, ideal for retail applications
 - Black and white finishing
 - Various optical accessories
- Option of narrow and wide beam angles
- Choice of different CCTs 3000K/4000K/5000K



15° / 38°

Single circuit
(compatible with
popular JT single
circuit track)

5 5 Years
Standard Warranty

7 7 Years
Extended Warranty

2000V
Surge Protection
(L to GND)



General Specification

Voltage 220-240Vac
50-60Hz
CRI >80
Life Time 40,000h
Power Factor >0.93
(8W)
>0.97
(15W)
>0.98
(22W)
Ambient -20°C to 40°C
Temp
Housing Extrusion pure
aluminum



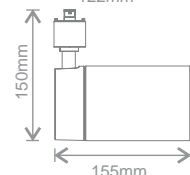
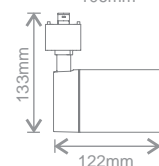
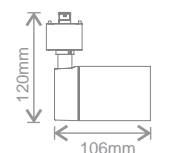
Order Code

KTDL08C11-830-WHT KTDL08C11-830-BLK
KTDL08C11-840-WHT KTDL08C11-840-BLK
KTDL08C11-850-WHT KTDL08C11-850-BLK
KTDL08C11-830-WHT KTDL08C11-830-BLK
KTDL08C11-S40-WHT KTDL08C11-S40-BLK
KTDL08C11-S50-WHT KTDL08C11-S50-BLK

KTDL15C11-830-WHT KTDL15C11-830-BLK
KTDL15C11-840-WHT KTDL15C11-840-BLK
KTDL15C11-850-WHT KTDL15C11-850-BLK
KTDL15C11-830-WHT KTDL15C11-830-BLK
KTDL15C11-S40-WHT KTDL15C11-S40-BLK
KTDL15C11-S50-WHT KTDL15C11-S50-BLK

KTDL22C11-830-WHT KTDL22C11-830-BLK
KTDL22C11-840-WHT KTDL22C11-840-BLK
KTDL22C11-850-WHT KTDL22C11-850-BLK
KTDL22C11-S30-WHT KTDL22C11-S30-BLK
KTDL22C11-S40-WHT KTDL22C11-S40-BLK
KTDL22C11-S50-WHT KTDL22C11-S50-BLK

Dimensions



Order Code	Power	Finish	Beam Angle	CCT	Lumen	Trade Price
KTDL08C11	8W	White Black	15°	3000K	600lm	£93.68
			38°	4000K	700lm	
				5000K	700lm	
KTDL15C11	15W	White Black	15°	3000K	1450lm	£127.41
			38°	4000K	1550lm	
				5000K	1550lm	
KTDL22C11	22W	White Black	15°	3000K	2100lm	£154.25
			38°	4000K	2200lm	
				5000K	2200lm	

Honeycomb



Snoot



Oval Snoot



Barndoor



JT single circuit track



End Feed Reverse Polarity



I Connector



T Connector Standard Polarity



X Connector



Interlock L Connector



Flexible Connector



Accessories

Type	Order Code	Description	Trade Price
Honeycomb	KTDL08-HOC-WHT	White honeycomb for 8W	£6.97
Honeycomb	KTDL08-HOC-BLK	Black honeycomb for 8W	£6.97
Snoot	KTDL08-SNT-WHT	White snoot for 8W	£7.68
Snoot	KTDL08-SNT-BLK	Black snoot for 8W	£7.68
Oval Snoot	KTDL08-OVS-WHT	White oval snoot for 8W	£15.34
Oval Snoot	KTDL08-OVS-BLK	Black oval snoot for 8W	£15.34
Barndoor	KTDL08-BAD-WHT	White barndoor for 8W	£25.58
Barndoor	KTDL08-BAD-BLK	Black barndoor for 8W	£25.58
Honeycomb	KTDL15-HOC-WHT	White honeycomb for 15W	£7.68
Honeycomb	KTDL15-HOC-BLK	Black honeycomb for 15W	£7.68
Snoot	KTDL15-SNT-WHT	White snoot for 15W	£10.62
Snoot	KTDL15-SNT-BLK	Black snoot for 15W	£10.62
Oval Snoot	KTDL15-OVS-WHT	White oval snoot for 15W	£15.34
Oval Snoot	KTDL15-OVS-BLK	Black oval snoot for 15W	£15.34
Barndoor	KTDL15-BAD-WHT	White barndoor for 15W	£25.58
Barndoor	KTDL15-BAD-BLK	Black barndoor for 15W	£25.58
Honeycomb	KTDL22-HOC-WHT	White honeycomb for 22W	£9.20
Honeycomb	KTDL22-HOC-BLK	Black honeycomb for 22W	£9.20
Snoot	KTDL22-SNT-WHT	White snoot for 22W	£9.91
Snoot	KTDL22-SNT-BLK	Black snoot for 22W	£9.91
JT single circuit track	KPT-KTDL-T1-WHT	1 meter length white single circuit track	£46.47
JT single circuit track	KPT-KTDL-T1-BLK	1 meter length black single circuit track	£46.47
End Feed Reverse Polarity	KPT-T1-EF2-WHT	Reverse polarity end feed in white	£11.44
End Feed Reverse Polarity	KPT-T1-EF2-BLK	Reverse polarity end feed in black	£11.44
I Connector	KPT-T1-CI-WHT	Conductive end to end connector in white	£16.91
I Connector	KPT-T1-CI-BLK	Conductive end to end connector in black	£16.91
T Connector Standard Polarity	KPT-T1-CT1-WHT	Standard polarity "T" connector in white	£20.35
T Connector Standard Polarity	KPT-T1-CT1-BLK	Standard polarity "T" connector in black	£20.35
T Connector Reverse Polarity	KPT-T1-CT2-WHT	Reverse polarity "T" connector in white	£20.35
T Connector Reverse Polarity	KPT-T1-CT2-BLK	Reverse polarity "T" connector in black	£20.35
X Connector	KPT-T1-CX-WHT	Wired as two separate "L" sections in white	£26.73
X Connector	KPT-T1-CX-BLK	Wired as two separate "L" sections in black	£26.73
Interlock L Connector	KPT-T1-CL-WHT	Adjustable "L" connector. Use as standard or reverse polarity in white	£16.81
Interlock L Connector	KPT-T1-CL-BLK	Adjustable "L" connector. Use as standard or reverse polarity in black	£16.81
Flexible Connector	KPT-T1-FC-WHT	Adjustable Corner Connector in white	£23.08
Flexible Connector	KPT-T1-FC-BLK	Adjustable Corner Connector in black	£23.08

SPEC LINE

Azure

Modern style LED track spotlight

- Popular global/unipro track
- Negligible UV, ideal for retail application
- Options of narrow and wide beam angles with different colour temperature
- Black & white finishing



CREE ⇄

3-Circuit
GLOBAL / UNIPRO Trac

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



General Specification

Voltage 220-240Vac
50-60Hz
CRI >80
Life Time 40,000h
Power Factor >0.52
(12W >0.95
(20W, 30W, 33W)
Ambient Temp -20°C to 50°C
Housing Diecast aluminum



Order Code

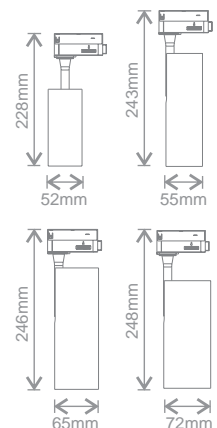
KTDL12CI1-B30-WHT	KTDL12CI1-B30-BLK
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KTDL12CI1-S30-WHT	KTDL12CI1-S30-BLK
KTDL12CI1-S40-WHT	KTDL12CI1-S40-BLK
KTDL12CI1-S50-WHT	KTDL12CI1-S50-BLK

KTDL20CI1-B30-WHT	KTDL20CI1-B30-BLK
KTDL20CI1-B40-WHT	KTDL20CI1-B40-BLK
KTDL20CI1-B50-WHT	KTDL20CI1-B50-BLK
KTDL20CI1-S30-WHT	KTDL20CI1-S30-BLK
KTDL20CI1-S40-WHT	KTDL20CI1-S40-BLK
KTDL20CI1-S50-WHT	KTDL20CI1-S50-BLK

KTDL30CI1-B30-WHT	KTDL30CI1-B30-BLK
KTDL30CI1-B40-WHT	KTDL30CI1-B40-BLK
KTDL30CI1-B50-WHT	KTDL30CI1-B50-BLK
KTDL30CI1-S30-WHT	KTDL30CI1-S30-BLK
KTDL30CI1-S40-WHT	KTDL30CI1-S40-BLK
KTDL30CI1-S50-WHT	KTDL30CI1-S50-BLK

KTDL33CI1-B30-WHT	KTDL33CI1-B30-BLK
KTDL33CI1-B40-WHT	KTDL33CI1-B40-BLK
KTDL33CI1-B50-WHT	KTDL33CI1-B50-BLK
KTDL33CI1-S30-WHT	KTDL33CI1-S30-BLK
KTDL33CI1-S40-WHT	KTDL33CI1-S40-BLK
KTDL33CI1-S50-WHT	KTDL33CI1-S50-BLK

Dimensions



Order Code	Power	Finish	Beam Angle	CCT	Lumen	Trade Price
KTDL12CI1	12W	White Black	15° 38°	3000K 4000K 5000K	970lm	£85.01
KTDL20CI1	20W	White Black	15° 38°	3000K 4000K 5000K	1700lm	£130.37
KTDL30CI1	30W	White Black	15° 38°	3000K 4000K 5000K	3000lm	£157.73
KTDL33CI1	33W	White Black	15° 38°	3000K 4000K 5000K	3500lm	£165.12

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

Aloba

LED Track light

- Popular global/unipro track
- Negligible UV, ideal for retail application
- Options of narrow and wide beam angles
- Black & white finishes

General Specification

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



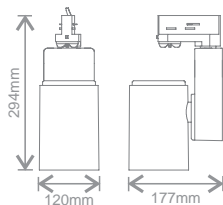
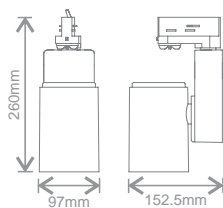
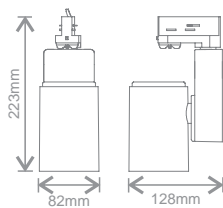
Order Code

KTDL24GL-B30
KTDL24GL-B40
KTDL24GL-B50
KTDL24GL-S30
KTDL24GL-S40
KTDL24GL-S50

KTDL34GL-B30
KTDL34GL-B40
KTDL34GL-B50
KTDL34GL-S30
KTDL34GL-S40
KTDL34GL-S50

KTDL50GL-B30
KTDL50GL-B40
KTDL50GL-B50
KTDL50GL-S30
KTDL50GL-S40
KTDL50GL-S50

Dimensions



3-Circuit
GLOBAL / UNIPRO Trac

Order Code	Power	Beam Angle	CCT	Lumen	Trade Price
KTDL24GL	24W	15°	3000K	2000lm	£127.45
			4000K		
			5000K		
KTDL24GL	24W	38°	3000K	2000lm	£127.45
			4000K		
			5000K		
KTDL34GL	34W	15°	3000K	2800lm 2900lm 3100lm	£146.51
			4000K		
			5000K		
KTDL34GL	34W	40°	3000K	2300lm 2700lm 2900lm	£146.51
			4000K		
			5000K		
KTDL50GL	50W	20°	3000K	4100lm	£201.14
			4000K		
			5000K		
KTDL50GL	50W	40°	3000K	4100lm	£201.14
			4000K		
			5000K		

unipro[®]

Please refer to Page 279 - 286 for order information of Unipro Trac and accessories

Airline

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 dimming control
- Full set of accessories for various installation methods



5 5 Years
Standard Warranty

7 7 Years
Extended Warranty



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

Must be ordered with a power supply

Order Code	Power	Length	Beam Angle	CCT	Lumen	Trade Price
KAL-H030-5W	5W	300mm	100°	3000K	350lm	£36.73
KAL-H060-9W	9W	600mm	100°	3000K	630lm	£53.41
KAL-H100-15W	15W	1000mm	100°	3000K	950lm	£69.88



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

Power Supply

Order Code	Max Power	Output Voltage	Input Voltage	Trade Price
KSAS0452400150M2	36W	24Vdc	100-240Vac 50-60Hz	£55.93
KSAS0652400250M2	60W	24Vdc	100-240Vac 50-60Hz	£74.01

Accessories

Type	Order Code	Description	Trade Price
Switch	KAL-CC-13	Touch Switch	£17.28
Switch	KAL-CC-14	Sensor Switch	£18.60
Switch	KAL-CC-15	Dimmer Switch	£22.85
Connector	KAL-FB-10	Left Corner Connector	£8.57
Connector	KAL-FB-11	Right Corner Connector	£8.57
Connector	KAL-SC-10	Solid "L" Connector	£8.57
Connector	KAL-MC-10	Middle Connector	£1.49
Cable	KAL-CC-10	Input Power Line	£6.55
Cable	KAL-CE-1	Extension Cable	£10.68
Connector	KAL-CE-10	Hand by Hand Connector	£8.71
Fixing	KAL-FC-1	180° Fixing Clips	Included inbox
Fixing	KAL-FC-2	45° Fixing Clips	Included inbox
Fixing	KAL-FC-4	3M Adhesive Strip	Included inbox



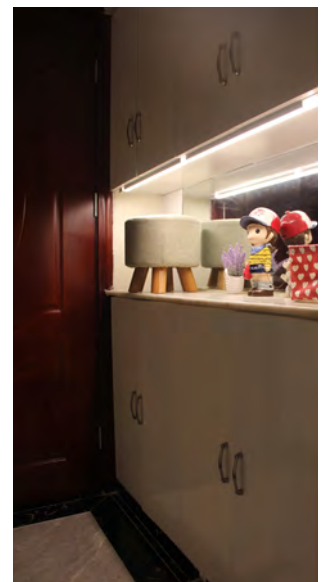
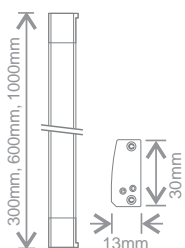
Order Code

KAL-H030-5W

KAL-H060-9W

KAL-H100-15W

Dimensions



Worklight



Pocket Light 218



Penlight 218



Cube 219



Beacon 221

Pocket Light

3W rechargeable LED portable pocket work light

- USB charging lead (charger not supplied)
 - Charging indicator
 - High and low output modes
- Integrated magnetic stand and suspension hook
- High impact ABS housing (IK07)



Order Code	Power	Battery	Battery Capacity	Beam Angle	CCT	Lumen	Trade Price
KPWL03POC54	3W	Lithium-Ion	1500mAh	90° x 110°	6500K	300lm (high) 110lm (low)	£57.67

Time for Continuous Usage

Order Code	Max Wattage	High Light Output	Low Light Output
KPWL03POC54	3W	3 hours	8 hours

3 3 Years Standard Warranty

General Specification

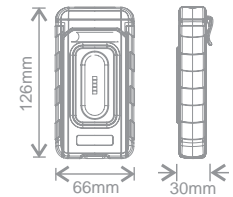
Voltage	3.7Vdc
CRI	81
Life Time	40,000h
Ambient Temp	-10°C to 40°C
Housing	ABS, PC



Order Code

KPWL03POC54

Dimensions



Penlight

1.5W rechargeable LED pen shaped light

- USB charging lead (charger not supplied)
 - Charging indicator
 - Main side light or torch beam
- Pocket clip with integrated magnet
- High impact ABS housing (IK07)

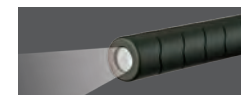


Order Code	Power	Battery	Battery Capacity	Beam Angle	CCT	Lumen	Trade Price
KPWL1.5PEN	1.5W	Lithium-Ion	750mAh	120° (main) 15° (torch)	6500K	120lm (main) 80lm (torch)	£37.48

Time for Continuous Usage

Order Code	Max Wattage	High Light Output	Low Light Output
KPWL1.5PEN	1.5W	3.5 hours	4.5 hours

3 3 Years Standard Warranty



General Specification

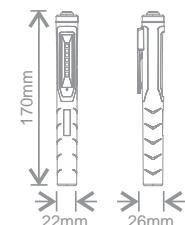
Voltage	4.2Vdc
CRI	81
Life Time	40,000h
Ambient Temp	-10°C to 40°C
Housing	ABS, PC



Order Code

KPWL1.5PEN

Dimensions



3 3 Years
Standard Warranty

Cube

(10W, 30W)

Rechargeable portable LED work light

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



▲ 10W



Iron Stand
KPWL-STAND

General Specification Charger

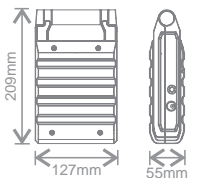
Voltage 100-240Vac
50-60Hz
CRI >80
Life Time 40,000h
Ambient Temp -10°C to 40°C
Housing Diecast aluminum, ABS, PC



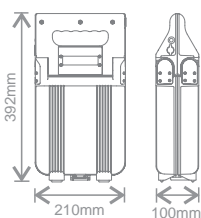
Order Code

KPWLLS10Q165-W60
KPWLLS30Q165-W50

Dimensions



KPWLLS10Q165-W60



KPWLLS30Q165-W50



▲ 30W

Order Code	Power	Battery	Battery Capacity	Beam Angle	CCT	Lumen	Trade Price
KPWLLS10Q165	10W	Li-Ion	4400mAh	120°	6000K	1100lm	£135.29
KPWLLS30Q165	30W	Li-Ion	8800mAh	105°	5000K	2300lm	£216.20

Time for Continuous Usage

Order Code	Max Wattage	Full Light Output	30% Light Output
KPWLLS10Q165	10W	3.5 hours	10 hours
KPWLLS30Q165	30W	2.5 hours	9 hours

Accessories

Type	Order Code	Description	Trade Price
Car charger	KPWL-CARCHARGER	DC car charger for work light	£11.40
Metal Stand	KPWL-STAND	Site Lamp Stand, for 30w & 60w	£67.87

Cube (60W)

High Power portable LED work light

- High 4800 lumen COB output
 - Class I, IP44
 - Portable
- Diecast aluminium, ABS and PC housing
- Optional telescopic metal stand
 - Three light output levels



3 3 Years
Standard Warranty

⚡ 3000V
Surge Protection
(L to GND)

110 110V
Input voltage



Folded



110V Plug



Iron Stand
KPWL-STAND

General Specification

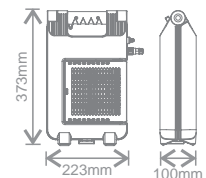
Voltage	100-110Vac 50-60Hz
CRI	82
Life Time	30,000h
Power Factor	0.97
Ambient Temp	0°C to 45°C
Housing	Diecast aluminum, ABS, PC



Order Code

KPWL60Q44-W65

Dimensions



Order Code	Power	Beam Angle	CCT	Lumen	Trade Price
KPWL60Q44	60W	120°	6500K	4800lm	£291.71

Accessories

Type	Order Code	Description	Trade Price
Metal Stand	KPWL-STAND	Site Lamp Stand, for 30w & 60w	£67.87

3 3 Years
Standard Warranty

5 5 Years
Extended Warranty

2000V
Surge Protection

110V
Input voltage



Folded



110V Plug

General Specification

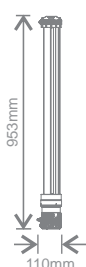
Voltage 100-110Vac
50-60Hz
CRI 84
Life Time 30,000h
Power Factor 0.99
Ambient Temp 0°C to 45°C
Housing Diecast aluminum, ABS, PC



Order Code

KPWL55L54-W65

Dimensions



Beacon

Tubular high power portable LED work light

- Ultra-wide beam angle offering good light coverage
- Class I, IP44
- Portable
- Diecast aluminium, ABS and PC housing
- Optional telescopic metal stand



Order Code	Power	Beam Angle	CCT	Lumen	Trade Price
KPWL55L54	55W	120°	6500K	4800lm	£227.02

12
Pendant & Shade



Zinnia

224



Tulip

225



Aster

226



Calla

227

Zinnia

Bowl-shaped shade available in black, white and clear

- Classic design with premium finishing
- E27 Bronze cable set included
- Braided adjustable cable



▲ Lamps not included

Recommended lamps



4W
Coated Globe(100)
Dimmable/Non-dimmable



4W
Coated Globe(125)
Dimmable/Non-dimmable



2W, 4W
Coated ST64
Dimmable/Non-dimmable

↪ P254

General Specification

Voltage 220-240Vac
50-60Hz

Cable Length 1.1m (max)
Connection Terminal block



Type	Order Code	Power	Shade Size	Lampholder	Trade Price
Black Bowl	KPDT1E27-BLK	60W	Ø 290mm x 230mm	E27	£56.90
White Bowl	KPDT1E27-WHT	60W	Ø 290mm x 230mm	E27	£56.90
Clear Bow	KPDT1E27-CLR	60W	Ø 280mm x 240mm	E27	£61.52

Order Code

KPDT1E27-BLK
KPDT1E27-WHT
KPDT1E27-CLR

Recommended lamps



5W
Coated Globe(100)
Dimmable



5W
Coated Globe(125)
Dimmable



5W
Coated ST64
Dimmable

↪ P255

General Specification

Voltage 220-240Vac
50-60Hz
Cable Length 1.1m (max)
Connection Terminal block



Tulip

Cone shaped shade

- Classic design with premium finishing
- E27 bronze cable set included
- Braided adjustable cable



▲ Lamps not included

Order Code
KPDT2E27-CLR

Order Code	Power	Shade Size	Lampholder	Trade Price
KPDT2E27-CLR	60W	Ø 140mm x 180mm	E27	£38.73

Aster

Dish shaped shade

- Classic design with premium finishing
- E27 bronze cable set included
 - Braided adjustable cable



▲ Lamps not included

Recommended lamps



4W
Coated Globe(100)
Dimmable/Non-dimmable



4W
Coated Globe(125)
Dimmable/Non-dimmable



2W, 4W
Coated ST64
Dimmable/Non-dimmable

↶ P254

General Specification

Voltage 220-240Vac
50-60Hz

Cable Length 1.1m (max)

Connection Terminal block



Order Code	Power	Shade Size	Lampholder	Trade Price
KPDT3E27-BLK	60W	Ø 220mm x 70mm	E27	£43.20

Order Code

KPDT3E27-BLK

Recommended lamps



5W
Coated Globe(100)
Dimmable



5W
Coated Globe(125)
Dimmable



5W
Coated ST64
Dimmable

↳ P255

General Specification

Voltage 220-240Vac
50-60Hz

Cable Length 1.1m (max)

Connection Terminal block



Calla

Decorative pendant cable set with metallic finish

- Simple and elegantly designed cable sets
- Bare cable sets available in four finishes
- E27 lampholder
- Braided adjustable cable



▲ Lamps not included

Order Code

- KPDTCS1E27-BCH
- KPDTCS1E27-BRZ
- KPDTCS1E27-NIC
- KPDTCS1E27-RBR

Type	Order Code	Power	Lampholder	Trade Price
Black / Chrome	KPDTCS1E27-BCH	60W	E27	£19.40
Bronze	KPDTCS1E27-BRZ	60W	E27	£19.40
Nickle	KPDTCS1E27-NIC	60W	E27	£19.40
Red / Bronze	KPDTCS1E27-RBR	60W	E27	£19.81

LED Comercial Lamp



K2D 231



DD 234



T8 238



Petal 240



Doughnut 241



GU10, G5.3 242



AR111/ES111 246



PAR 247



MR11 248



Filament 249



Antique Filament 252



Helix Filament 255



Decor GLS 256



Flame Lamp 259



Decor G4, G9, GX53, Pygmy 260



Colour Golf 262



Reon Classic Shape 263



Reon GU10 265



Reon R 266



Reon PAR 267

K2D Sensor & Standard

Patent

New Dusk to Dawn & Corridor function

 Watt &  CCT switching

Dusk to Dawn



Control panel for Dusk to Dawn function. It features a sun icon and an 'Off' button on the left. In the center, a moon icon is shown next to a '100%' indicator and a person silhouette. On the right, a '0%' indicator is shown next to a person silhouette and the text '0% through the night'. A status bar at the top right shows eight segments (S1-S8) with the fourth segment (S4) highlighted in red and labeled 'ON'.





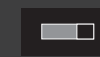



Dusk to Dawn with Corridor function









Control panel for Dusk to Dawn with Corridor function. It features a sun icon and an 'Off' button on the left. In the center, a moon icon is shown next to a '100%' indicator and a person silhouette. On the right, a '10%' indicator is shown next to a person silhouette and the text '10% through the night'. A status bar at the top right shows eight segments (S1-S8) with the fourth segment (S4) highlighted in red and labeled 'ON'.

K2D Sensor









		
3000K	4000K	5000K
		









P1 P2  3 4	P1 P2  3 4	P1 P2  3 4
18W	12W	9W
		

K2D Standard



		
3000K	4000K	5000K
		



		
18W	12W	9W
		

5 5 Years
Standard Warranty

K2D Standard

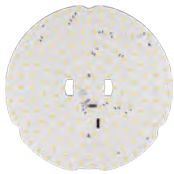
Switchable Wattage and CCT 4-pin LED DD Lamp with Emergency Option



DD Emergency Module
P26



Lamp Holder
DDLAMPHLD



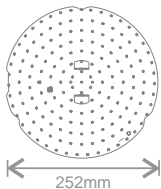
General Specification

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

Order Code

K2DC9-18STD/4P-SCT

Dimensions



- Wattage switchable 9W/12W/18W
- Colour temperature switchable 3000K/4000K/5000K
- Compatible with Kosnic's standard and self-test emergency modules
- Single side high lumen output for light only where it's needed
- Save energy up to 65% compared with a fluorescent lamp with magnetic ballast

Plug-in emergency

Wattage switching

CCT switching

Flicker free

Modular design

Ultra high efficiency



Order Code	Default Power	Alternative Power	Cap	Beam Angle	CCT	Lumen	Trade Price
K2DC9-18STD	-	9W	GR10q	120°	Switchable*	1080lm (3000K) 1200lm (4000K) 1200lm (5000K)	£50.87
	-	12W	GR10q	120°	Switchable*	1450lm (3000K) 1600lm (4000K) 1600lm (5000K)	
	18W	-	GR10q	120°	Switchable*	2200lm (3000K) 2600lm (4000K) 2600lm (5000K)	

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

Accessory

Type	Order Code	Description	Trade Price
Lamp holder	DDLAMPHLD	GR10q lamp holder	£3.30

Patent

K2D Sensor

All in one sensor DD LED module for Kosnic LED bulkheads

Plug-in emergency 

Built-in motion sensor 

Wattage switching 

CCT switching 

Flicker free 

Modular design 

Ultra high efficiency 

- Built-in dusk to dawn and corridor function
 - Wattage switchable 9W/12W/18W
- Colour temperature switchable 3000K/4000K/5000K/
 - Compatible with magnetic ballast
 - Compatible with Kosnic's standard and self-test emergency modules
- Single side high lumen output for light only where it's needed
 - Save energy up to 65% compared with a fluorescent lamp with magnetic ballast



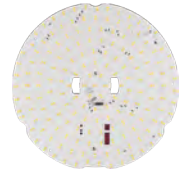
5 5 Years Standard Warranty



DD Emergency Module
P26



Lamp Holder
DDLAMPHLD



General Specification

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

Order Code	Default Power	Alternative Power	Cap	Beam Angle	CCT	Lumen	Trade Price
	-	9W	GR10q	120°	Switchable*	1050lm (3000K) 1130lm (4000K) 1130lm (5000K)	
	K2DC9-18CRD	-	12W	GR10q	120°	1260lm (3000K) 1430lm (4000K) 1430lm (5000K)	£91.36
		18W	-	GR10q	120°	1800lm (3000K) 2100lm (4000K) 2100lm (5000K)	

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

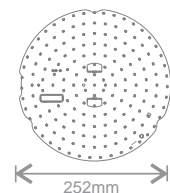
Accessory

Type	Order Code	Description	Trade Price
Lamp holder	DDLAMPHLD	GR10q lamp holder	£3.30

Patent

Order Code
K2DC9-18CRD/4P-SCT

Dimensions



5 5 Years
Standard Warranty



DD Emergency Module
P26



Lamp Holder
DDLAMPHLD



General Specification

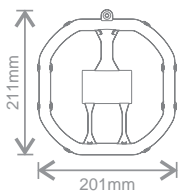
Voltage 220-240Vac
50-60Hz
CRI >80
Life Time 30,000h
Ambient Temp -20°C to 40°C

Order Code

KRTDQ12HFB/4P-W27
KRTDQ12HFB/4P-W35

KRTDQ12MGB/2P-W27
KRTDQ12MGB/2P-W35
KRTDQ12MGB/4P-W27
KRTDQ12MGB/4P-W35

Dimensions



K2D Retro

LED Retrofit replacement for Fluorescent DD lamps
(Compatible with HF/magnetic ballast)

- Save energy by up to 65%
- Retrofit replacement of 4-pin 28W fluorescent DD lamp
- 2 versions for HF and Magnetic ballast
- Compatible with Kosnic emergency module for instant conversion

Plug-in emergency

Flicker free

Modular design



Order Code	Power	Cap	Beam Angle	CCT	Lumen	Trade Price
KRTDQ12HFB	12W	GR10q	120°	2700K 3500K	1400lm	£33.87
KRTDQ12MGB	12W	GR8 GR10q	120°	2700K 3500K	1400lm	£35.89

Accessory

Type	Order Code	Description	Trade Price
Lamp holder	DDLAMPHLD	GR10q lamp holder	£3.30

Patent

DD Standard

Retrofit replacement for popular CFL DD lamps

Plug-in emergency 

Flicker free 

Modular design 

- Save energy by up to 65%
- Replacement for 16w, 28w, 38w fluorescent DD lamps used with magnetic ballast
- Compatible with Kosnic emergency module for instant conversion

THE ELECTRICAL
Industry awards **WINNER 2015**



5 5 Years
Standard Warranty



DD Emergency Module
P26



Lamp Holder
DDLAMPHLD

General Specification

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

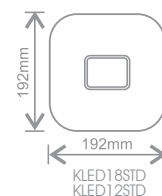
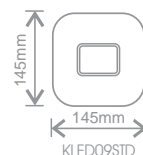
Order Code

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	9W	GR8 GR10q	120°	4000K	1050lm	£32.95
KLED12STD	12W	GR8 GR10q	120°	2700K 4000K 6500K	1220lm 1320lm 1320lm	£44.19
KLED18STD	18W	GR10q	120°	2700K 4000K 6500K	1780lm 1880lm 1880lm	£47.67

Accessory

Type	Order Code	Description	Trade Price
Lamp holder	DDLAMPHLD	GR10q lamp holder	£3.30

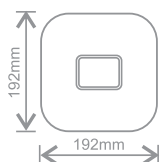
Patent

5 5 Years
Standard Warranty**Mains Dimmable**
DimmableDD Emergency Module
↳ P26Lamp Holder
DDLAMPHLD**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

DD 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

Plug-in emergency

Flicker free

Modular design



Order Code	Power	Cap	Beam Angle	CCT	Lumen	Trade Price
KLED12DIMD	12W	GR10q	120°	4000K	1240lm	£52.57

Accessory

Type	Order Code	Description	Trade Price
Lamp holder	DDLAMPHLD	GR10q lamp holder	£3.30

RF wireless triac dimmer

Order Code	Max Power	Output Current	Trade Price
CYDIMRFT1	2 x 120W (100 Vac) 2 x 288W (240 Vac)	2 x 1.2 A	£108.07

* See datasheet for recommended number of lamps per dimmer

Patent

DD Sensor

LED DD with integrated motion and light sensor

Plug-in emergency 

Flicker free 

Modular design 

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

5 5 Years Standard Warranty



DD Emergency Module
↳ P26



Lamp Holder
DDLAMPHLD

THE ELECTRICAL
Industry Award
WINNER 2015



General Specification

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

Order Code	Power	Cap	Beam Angle	CCT	Lumen	Trade Price
KLED12CRD	12W	GR10q	120°	2700K 4000K 6500K	1200lm 1300lm 1200lm	£86.43
KLED18CRD	18W	GR10q	120°	4000K	1800lm	£87.44

Accessory

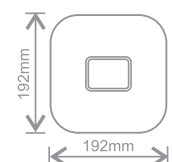
Type	Order Code	Description	Trade Price
Lamp holder	DDLAMPHLD	GR10q lamp holder	£3.30

Patent

Order Code

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

Dimensions



5 5 Years
Standard Warranty



DD Emergency Module
P26



Lamp Holder
DDLAMPPLD

DD 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

 Plug-in emergency

 Flicker free

 Modular design

General Specification

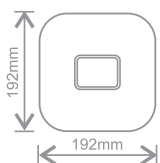
Voltage 220-240Vac
50-60Hz
CRI >80
Life Time 30,000h
Ambient Temp -20°C to 40°C



Order Code

KLED12DTD/4P-W40

Dimensions



Order Code	Power	Cap	Beam Angle	CCT	Lumen	Trade Price
KLED12DTD	12W	GR10q	120°	4000K	1240lm	£73.75

Accessory

Type	Order Code	Description	Trade Price
Lamp holder	DDLAMPPLD	GR10q lamp holder	£3.30

Patent

Dura

Polycarbonate LED T8 tube

Ultra high efficiency



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

- 3** 3 Years Standard Warranty
- 2000V** Surge Protection



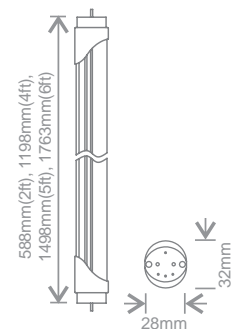
General Specification

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

Order Code

- KTC10T8-FRO-W40
- KTC10T8-FRO-W65
- KTC20T8-FRO-W40
- KTC20T8-FRO-W65
- KTC25T8-FRO-W40
- KTC25T8-FRO-W65
- KTC35T8-FRO-W40
- KTC35T8-FRO-W65

Dimensions



Order Code	Power	Length	Cap	CCT	Lumen	Trade Price
KTC10T8-FRO	10W	2ft/588mm	G13	4000K 6500K	1200lm	£31.74
KTC20T8-FRO	20W	4ft/1198mm	G13	4000K 6500K	2400lm	£43.60
KTC25T8-FRO	25W	5ft/1498mm	G13	4000K 6500K	3000lm	£55.14
KTC35T8-FRO	35W	6ft/1763mm	G13	4000K 6500K	4200lm	£66.60

3 3 Years
Standard Warranty**1000V**
Surge Protection

Pro

Glass LED T8 tube

- High performance of 130lm/W
- Flicker free for 2ft and 4ft T8 tubes
- Save energy by up to 65%



Flicker free



Ultra high efficiency

General Specification

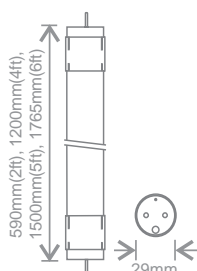
Voltage 220-240Vac
50-60Hz
CRI >80
Life Time 40,000h
Ambient Temp -20°C to 40°C



Order Code

KPRO08T8-FRO-W40
KPRO08T8-FRO-W65KPRO17T8-FRO-W40
KPRO17T8-FRO-W65KPRO25T8-FRO-W40
KPRO25T8-FRO-W65KPRO30T8-FRO-W40
KPRO30T8-FRO-W65

Dimensions



Order Code	Power	Length	Cap	CCT	Lumen	Trade Price
KPRO08T8-FRO	8W	2ft/590mm	G13	4000K 6500K	1050lm	£15.70
KPRO17T8-FRO	17W	4ft/1200mm	G13	4000K 6500K	2200lm	£18.61
KPRO25T8-FRO	25W	5ft/1500mm	G13	4000K 6500K	3250lm	£23.99
KPRO30T8-FRO	30W	6ft/1765mm	G13	4000K 6500K	3900lm	£26.79

Petal

High power LED lamps

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



3 3 Years
Standard Warranty

1000V
Surge Protection

General Specification

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

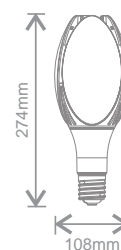
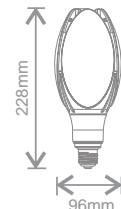
Order Code

KHBL30PTL/E27-W22
KHBL30PTL/E27-W50

KHBL40PTL/E40-W22
KHBL40PTL/E40-W50

KHBL50PTL/E40-W22
KHBL50PTL/E40-W50

Dimensions



Order Code	Power	Cap	CCT	Lumen	Trade Price
KHBL30PTL	30W	E27	2200K	2900lm	£36.76
			5000K	3300lm	
KHBL40PTL	40W	E40	2200K	3800lm	£47.90
			5000K	4300lm	
KHBL50PTL	50W	E40	2200K	5200lm	£55.07
			5000K	5800lm	

5 Years
Standard Warranty

10000V
Surge Protection
(L to GND)

Doughnut

NEW Available
June 2020

High Power LED lamps for vertical mounting

- High 131 lm/W output
- Ideal for use in high bay luminaires
- E40 lamp cap
- Long life of 25,000h



Ultra high efficiency

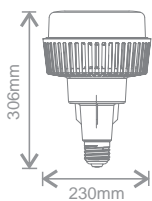
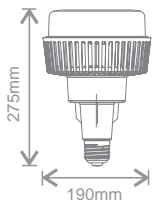
General Specification

Voltage	220-240Vac 50-60Hz
CRI	>80
Life Time	25,000h
Power Factor	0.95
Ambient Temp	-20°C to 50°C

Order Code

KHBL95DNT-W50
KHBL140DNT-W50

Dimensions



bridgelux



Order Code	Power	Cap	CCT	Lumen	Trade Price
KHBL95DNT	95W	E40	5000K	12500lm	£229.66
KHBL140DNT	140W	E40	5000K	18500lm	£307.06

Tec II

New Retrofit LED GU10 range with dim to warm option

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



3 3 Years Standard Warranty

Mains Dimmable Dimmable



▲ 38°

◀ 60°

General Specification

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

Dim to Warm

Order Code	Power	Cap	Beam Angle	CCT	Lumen*	Trade Price
KTEC5.5DTW	5.5W	GU10	38° 60°	3000-2000K	400lm(340lm)	£8.74

Dimmable GU10

Order Code	Power	Cap	Beam Angle	CCT	Lumen*	Trade Price
KTEC5.5DIM	5.5W	GU10	38° 60°	2700K	400lm(340lm)	£8.25
				4000K	450lm(390lm)	
				6500K	450lm(390lm)	

Non-Dimmable GU10

Order Code	Power	Cap	Beam Angle	CCT	Lumen*	Trade Price
KTEC4.5PWR	4.5W	GU10	38° 60°	2700K	400lm(340lm)	£5.06
				4000K	450lm(390lm)	
				6500K	450lm(390lm)	

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

RF wireless triac dimmer

Order Code	Max Power	Output Current	Trade Price
CYDIMRFT1	2 x 120W (100 Vac) 2 x 288W (240 Vac)	2 x 1.2 A	£108.07

* See datasheet for recommended number of lamps per dimmer

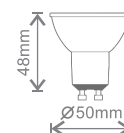
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KTEC5.5DTW/GU10-S30
KTEC5.5DTW/GU10-F30

KTEC5.5DIM/GU10-S27
KTEC5.5DIM/GU10-S40
KTEC5.5DIM/GU10-S65
KTEC5.5DIM/GU10-F27
KTEC5.5DIM/GU10-F40
KTEC5.5DIM/GU10-F65

KTEC4.5PWR/GU10-S27
KTEC4.5PWR/GU10-S40
KTEC4.5PWR/GU10-S65
KTEC4.5PWR/GU10-F27
KTEC4.5PWR/GU10-F40
KTEC4.5PWR/GU10-F65

Dimensions



3 3 Years
Standard Warranty**Mains Dimmable**
Dimmable3.5W, 4.5W, 6W
Dimmable GU10
Non-Dimmable GU10

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

General Specification

Voltage 12Vac/dc (G5.3)
220-240Vac
50-60Hz (GU10)

CRI >80

Life Time 35,000h

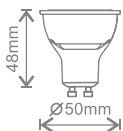
Ambient Temp -20°C to 40°C



Order Code

KPRO4.5DIM/GU10-S30
KPRO4.5DIM/GU10-S40
KPRO4.5DIM/GU10-S65KPRO06DIM/GU10-S30
KPRO06DIM/GU10-S40
KPRO06DIM/GU10-S65

Dimensions



Dimmable GU10

Order Code	Power	Cap	Beam Angle	CCT	Lumen*	Trade Price
KPRO4.5DIM	4.5W	GU10	45°	3000K	260lm(220lm)	£13.68
				4000K	280lm(240lm)	
				6500K	290lm(250lm)	
KPRO06DIM	6W	GU10	45°	3000K	370lm(290lm)	£14.08
				4000K	390lm(310lm)	
				6500K	400lm(320lm)	

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

Non-Dimmable GU10

Order Code	Power	Cap	Beam Angle	CCT	Lumen*	Trade Price
KPRO3.5PWR	3.5W	GU10	45°	3000K	250lm(200lm)	£9.61
				4000K	250lm(200lm)	
				6500K	260lm(210lm)	
KPRO4.5PWR	4.5W	GU10	45°	3000K	270lm(230lm)	£9.58
				4000K	290lm(250lm)	
				6500K	300lm(260lm)	
KPRO06PWR	6W	GU10	45°	3000K	400lm(320lm)	£10.01
				4000K	420lm(340lm)	
				6500K	430lm(350lm)	

Non-Dimmable G5.3

Order Code	Power	Cap	Beam Angle	CCT	Lumen*	Trade Price
KPRO4.5PWR	4.5W	G5.3	45°	3000K	260lm(210lm)	£12.03
				4000K	280lm(230lm)	
				6500K	280lm(230lm)	
KPRO06PWR	6W	G5.3	45°	2700K	330lm(250lm)	£13.25
				4000K	350lm(270lm)	
				6500K	350lm(270lm)	

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

Accessory

Type	Order Code	Description	Trade Price
Driver	CYW015NNC125	15W Constant Voltage LED Driver	£21.34

RF wireless triac dimmer

Order Code	Max Power	Output Current	Trade Price
CYDIMRFT1	2 x 120W (100 Vac) 2 x 288W (240 Vac)	2 x 1.2 A	£108.07

* See datasheet for recommended number of lamps per dimmer



4.5W, 6W
Non-Dimmable G5.3



Driver for G5.3
CYW015NNC125

Order Code

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

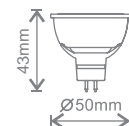
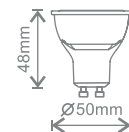
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KPRO4.5PWR/GU10-S65

KPRO06PWR/GU10-S30
KPRO06PWR/GU10-S40
KPRO06PWR/GU10-S65

KPRO4.5PWR/G5.3-S30
KPRO4.5PWR/G5.3-S40
KPRO4.5PWR/G5.3-S65

KPRO06PWR/G5.3-S30
KPRO06PWR/G5.3-S40
KPRO06PWR/G5.3-S65

Dimensions



3 3 Years
Standard Warranty

Mains Dimmable
Dimmable



5W, 6W
Dimmable GU10



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

General Specification

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

Order Code

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

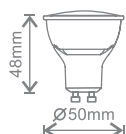
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KSMD04PWR/GU10-W65

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

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

Dimensions



Hilux

High performance LED GU10 lamps

- High efficiency over 100 lumen/W
- Choices of wider beam angles of 60° & 100°
- Retrofit for direct replacement of GU10 halogen lamp



Dimmable GU10

Order Code	Power	Cap	Beam Angle	CCT	Lumen*	Trade Price
KSMD05DIM	5W	GU10	60°	3000K	450lm(290lm)	£13.69
				4000K		
				6500K		
KSMD06DIM	6W	GU10	60°	3000K	580lm(380lm)	£13.69
				4000K		
				6500K		

Non-Dimmable GU10

Order Code	Power	Cap	Beam Angle	CCT	Lumen*	Trade Price
KSMD04PWR	4W	GU10	100°	3000K	410lm(350lm)	£8.78
				4000K		
				6500K		
KSMD05PWR	5W	GU10	60°	3000K	470lm(310lm)	£9.59
				4000K		
				6500K		
KSMD06PWR	6W	GU10	60°	3000K	600lm(400lm)	£10.00
				4000K		
				6500K		

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

RF wireless triac dimmer

Order Code	Max Power	Output Current	Trade Price
CYDIMRFT1	2 x 120W (100 Vac) 2 x 288W (240 Vac)	2 x 1.2 A	£108.07

* See datasheet for recommended number of lamps per dimmer

AR111/ES111

Replacement of halogen AR111 spotlight

- Narrow beam angle of 25°
- G53 version requires 12V LED constant voltage driver
- Save energy up to 85% compared with halogen lamp
- Negligible UV output

3 3 Years
Standard Warranty



▲ G53 (AR111)



▲ GU10 (ES111)

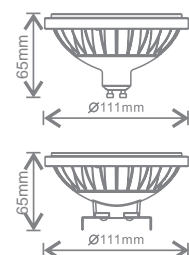
General Specification

Voltage	12Vdc (G53)
	220-240Vac 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)	£68.65
KDPL12AR111	12W	G53	25°	3000K 6500K	800lm(660lm) 870lm(730lm)	£47.65

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

Accessory

Type	Order Code	Description	Trade Price
Driver	CY015NNC125	15W Constant Voltage LED Driver for G53	£21.34

3 3 Years
Standard Warranty

PAR

Retro-fit replacement of halogen PAR spotlight

- Narrow beam angle
- 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

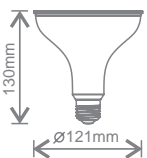
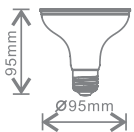


Order Code

KTC15P38/E27-S30
KTC15P38/E27-S65

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)	£43.38
KTC15P38	15W	E27	30°	3000K 6500K	1050lm(920lm) 1120lm(990lm)	£50.34

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

MR11

Replacement of halogen MR11 spotlight

- Retro-fit size
- Designed to work with 12V DC constant Voltage driver
- Save energy up to 85% compared with halogen lamp
- Negligible UV output

3 3 Years
Standard Warranty

General Specification

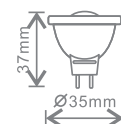
Voltage	12Vdc
CRI	>80
Life Time	30,000h
Ambient Temp	-20°C to 40°C

Order Code	Power	Cap	Beam Angle	CCT	Lumen*	Trade Price
KTC02MR11	2W	GU4	38°	3000K 6500K	110lm(100lm) 115lm(105lm)	£11.83
KTC04MR11	4W	GU4	38°	3000K 4000K 6500K	230lm(220lm) 230lm(220lm) 240lm(230lm)	£11.83

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

Accessory

Type	Order Code	Description	Trade Price
Driver	CYW015NNC125	15W Constant Voltage LED Driver	£21.34

Order Code
KTC02MR11/GU4-S30
KTC02MR11/GU4-S65KTC04MR11/GU4-S30
KTC04MR11/GU4-S40
KTC04MR11/GU4-S65
Dimensions


2 Years
Standard Warranty

Mains Dimmable
Dimmable



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

KDFL04CND/E14-CLR-N27
KDFL04CND/B22-CLR-N27
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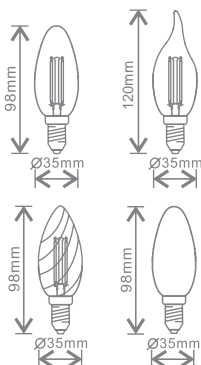
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KFLM04CND/E14-FRS-N27
KFLM04CND/B22-FRS-N27
KFLM04CND/E27-FRS-N27

Dimensions



Candle

Traditional glass light bulb with LED filament

- Linear LED filament provides a traditional appearance
- Even light distribution
- Save energy up to 90% compared with an incandescent filament lamp



Dimmable Clear Candle

Order Code	Power	Cap	Finish	CCT	Lumen	Trade Price
KDFL04CND-CLR	4W	E14 / B22 / E27	Clear	2700K	400lm	£9.23

Clear Candle

Order Code	Power	Cap	Finish	CCT	Lumen	Trade Price
KFLM02CND-CLR	2W	E14 / B22 / E27	Clear	2700K	240lm	£4.37
KFLM04CND-CLR	4W	E14 / B22 / E27	Clear	2700K	440lm	£5.18

Clear Bent-tip Candle

Order Code	Power	Cap	Finish	CCT	Lumen	Trade Price
KFLM02BTP-CLR	2W	E14 / B22 / E27	Clear	2700K	190lm	£4.82
KFLM04BTP-CLR	4W	E14 / B22 / E27	Clear	2700K	380lm	£5.45

Clear Twisted Candle

Order Code	Power	Cap	Finish	CCT	Lumen	Trade Price
KFLM02TWT-CLR	2W	E14 / B22 / E27	Clear	2700K	190lm	£4.82
KFLM04TWT-CLR	4W	E14 / B22 / E27	Clear	2700K	380lm	£5.45

Frosted Candle

Order Code	Power	Cap	Finish	CCT	Lumen	Trade Price
KFLM02CND-FRS	2W	E14 / B22 / E27	Frosted	2700K	180lm	£5.24
KFLM04CND-FRS	4W	E14 / B22 / E27	Frosted	2700K	380lm	£6.53

RF wireless triac dimmer

Order Code	Max Power	Output Current	Trade Price
CYDIMRFT1	2 x 120W (100 Vac) 2 x 288W (240 Vac)	2 x 1.2 A	£108.07

* See datasheet for recommended number of lamps per dimmer

Golf, GLS

Traditional glass light bulb with LED filament

- Linear LED filament provides a traditional appearance
 - Dimmable option
 - Even light distribution
- Save energy up to 90% compared with an incandescent filament lamp



2 2 Years
Standard Warranty

Mains Dimmable
Dimmable



2W, 4W
Clear Golf



4.5W, 7W
Clear GLS



4.5W, 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-N27

KFLM04GLF/E14-CLR-N27
KFLM04GLF/B22-CLR-N27
KFLM04GLF/E27-CLR-N27

KDFL4.5GLS/B22-CLR-N27
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KDFL07GLS/B22-CLR-N27
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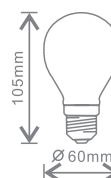
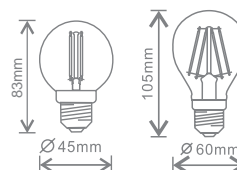
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KFLM4.5GLS/B22-FRS-N27
KFLM4.5GLS/E27-FRS-N27

KFLM07GLS/B22-FRS-N27
KFLM07GLS/E27-FRS-N27

Dimensions



Clear Golf

Order Code	Power	Cap	Finish	CCT	Lumen	Trade Price
KFLM02GLF-CLR	2W	E14 / B22 / E27	Clear	2700K	190lm	£4.49
KFLM04GLF-CLR	4W	E14 / B22 / E27	Clear	2700K	380lm	£5.30

Dimmable Clear GLS

Order Code	Power	Cap	Finish	CCT	Lumen	Trade Price
KDFL4.5GLS-CLR	4.5W	B22 / E27	Clear	2700K	470lm	£12.57
KDFL07GLS-CLR	7W	B22 / E27	Clear	2700K	730lm	£14.83

Clear GLS

Order Code	Power	Cap	Finish	CCT	Lumen	Trade Price
KFLM4.5GLS-CLR	4.5W	B22 / E27	Clear	2700K	490lm	£5.49
KFLM07GLS-CLR	7W	B22 / E27	Clear	2700K	660lm	£7.38

Frosted GLS

Order Code	Power	Cap	Finish	CCT	Lumen	Trade Price
KFLM4.5GLS-FRS	4.5W	B22 / E27	Frosted	2700K	480lm	£6.66
KFLM07GLS-FRS	7W	B22 / E27	Frosted	2700K	700lm	£8.73

RF wireless triac dimmer

Order Code	Max Power	Output Current	Trade Price
CYDIMRFT1	2 x 120W (100 Vac) 2 x 288W (240 Vac)	2 x 1.2 A	£108.07

* See datasheet for recommended number of lamps per dimmer

2 2 Years
Standard Warranty

Mains Dimmable
Dimmable

Globe

Traditional glass light bulb with LED filament

- Linear LED filament provides a traditional appearance
- Even light distribution
- Save energy up to 90% compared with an incandescent filament lamp

General Specification

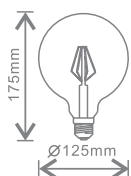
Voltage 220-240Vac
50-60Hz
CRI >80
Life Time 20,000h
Ambient Temp -20°C to 40°C

Product Code

KFLM4.5GLB/B22-CLR-N27
KFLM4.5GLB/E27-CLR-N27

KDFL4.5GLB/B22-CLR-N27
KDFL4.5GLB/E27-CLR-N27

Dimensions



Clear Globe

Order Code	Power	Cap	Finish	CCT	Lumen	Trade Price
KFLM4.5GLB-CLR	4.5W	B22 / E27	Clear	2700K	470lm	£10.19

Dimmable Clear Globe

Order Code	Power	Cap	Finish	CCT	Lumen	Trade Price
KDFL4.5GLB-CLR	4.5W	B22 / E27	Clear	2700K	470lm	£17.45

RF wireless triac dimmer

Order Code	Max Power	Output Current	Trade Price
CYDIMRFT1	2 x 120W (100 Vac) 2 x 288W (240 Vac)	2 x 1.2 A	£108.07

* See datasheet for recommended number of lamps per dimmer

Candle

Decorative LED filament lamps with gold antique coating

- Special coating with a golden finish gives an antique appearance and creates a warm and cosy living space
- Linear LED filament provides a traditional appearance
 - Even light distribution
- Save energy up to 90% compared with an incandescent filament lamp



2 2 Years
Standard Warranty



2W, 4W
Coated
Candle

2W, 4W
Coated
Bent-tip
Candle



4W
Coated
Twisted
Candle

General Specification

Voltage	220-240Vac 50-60Hz
CRI	>80
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

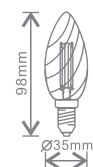
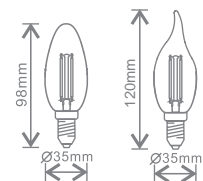
KFLM04CND/E14-GLD-N27
KFLM04CND/B22-GLD-N27
KFLM04CND/E27-GLD-N27

KFLM02BTP/E14-GLD-N27
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



Coated Candle

Order Code	Power	Cap	Finish	CCT	Lumen	Trade Price
KFLM02CND-GLD	2W	E14 / B22 / E27	Coated	2700K	170lm	£6.08
KFLM04CND-GLD	4W	E14 / B22 / E27	Coated	2700K	340lm	£6.98

Coated Bent-tip Candle

Order Code	Power	Cap	Finish	CCT	Lumen	Trade Price
KFLM02BTP-GLD	2W	E14 / B22 / E27	Coated	2700K	170lm	£6.08
KFLM04BTP-GLD	4W	E14 / B22 / E27	Coated	2700K	340lm	£6.98

Coated Twisted Candle

Order Code	Power	Cap	Finish	CCT	Lumen	Trade Price
KFLM04TWT-GLD	4W	E14 / B22 / E27	Coated	2700K	300lm	£6.98

LED Filament Dimmable

FULL GLASS Dimmable Vintage LED filament lamps with adaptive mains dimming technology

Adaptive Mains Dimming

Full dimming circuit uses latest i watt dimming control IC that self-adapts to the dimmer switch by switching between leading and trailing edge mode



Patents pending

Stem Circuit Holder

To achieve the full glass body with high quality dimming circuit Kosnic has invented a new type of filament stem that has a large cylinder container that holds the full dimming circuit

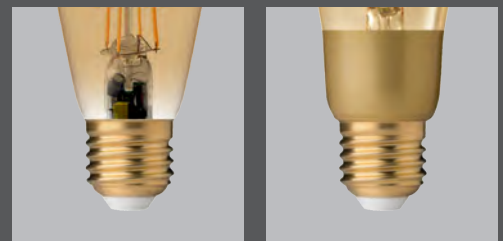
Flicker Free



Kosnic

Others

Full Glass Body



Kosnic

Others

GLS, Globe, ST64

Decorative LED filament lamps with gold antique coating

- Special coating with a golden finish gives an antique appearance and creates a warm and cosy living space
- Linear LED filament provides a traditional appearance
 - Even light distribution
- Save energy up to 90% compared with an incandescent filament lamp



2 2 Years
Standard Warranty

Mains Dimmable
Dimmable



Coated GLS



Coated Globe(100)



Coated Globe(125)



Coated ST64

General Specification

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

Product Code

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

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

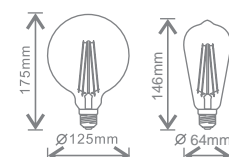
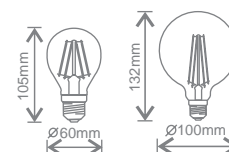
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KFLM04G125/B22-GLD-N27
KFLM04G125/E27-GLD-N27

KDFL04G100/B22-GLD-N27
KDFL04G100/E27-GLD-N27
KDFL04G125/B22-GLD-N27
KDFL04G125/E27-GLD-N27

KFLM02ST64/B22-GLD-N27
KFLM02ST64/E27-GLD-N27
KFLM04ST64/B22-GLD-N27
KFLM04ST64/E27-GLD-N27

KDFL04ST64/B22-GLD-N27
KDFL04ST64/E27-GLD-N27

Dimensions



Coated GLS, Globe, ST64

Order Code	Power	Cap	Finish	CCT	Lumen	Trade Price
KFLM04GLS-GLD	4W	B22 / E27	Coated	2700K	380lm	£7.38
KFLM04G100-GLD	4W	B22 / E27	Coated	2700K	380lm	£10.90
KFLM04G125-GLD	4W	B22 / E27	Coated	2700K	400lm	£12.91
KFLM02ST64-GLD	2W	B22 / E27	Coated	2700K	200lm	£8.27
KFLM04ST64-GLD	4W	B22 / E27	Coated	2700K	400lm	£10.17

Dimmable Coated GLS, Globe, ST64

Order Code	Power	Cap	Finish	CCT	Lumen	Trade Price
KDFL04GLS-GLD	4W	B22 / E27	Coated	2700K	380lm	£13.92
KDFL04G100-GLD	4W	B22 / E27	Coated	2700K	380lm	£17.27
KDFL04G125-GLD	4W	B22 / E27	Coated	2700K	400lm	£19.25
KDFL04ST64-GLD	4W	B22 / E27	Coated	2700K	380lm	£16.44

RF wireless triac dimmer

Order Code	Max Power	Output Current	Trade Price
CYDIMRFT1	2 x 120W (100 Vac) 2 x 288W (240 Vac)	2 x 1.2 A	£108.07

* See datasheet for recommended number of lamps per dimmer

2 2 Years
Standard Warranty

Mains Dimmable
Dimmable

Coated
GLSCoated
Globe(100)Coated
Globe(125)Coated
ST64

General Specification

Voltage 220-240Vac
50-60Hz
CRI >84
Life Time 15,000h
Ambient Temp -20°C to 40°C

Product Code

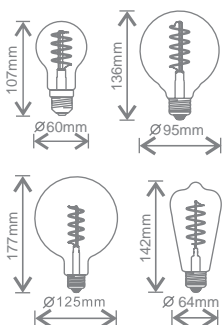
KDFL05ST64/B22-GLD-N22
KDFL05ST64/E27-GLD-N22

KDFL05GLS/B22-GLD-N22
KDFL05GLS/E27-GLD-N22

KDFL05G100/B22-GLD-N22
KDFL05G100/E27-GLD-N22

KDFL05G125/B22-GLD-N22
KDFL05G125/E27-GLD-N22

Dimensions



Helix Filament

Dimmable decorative LED filament lamps with gold antique coating

- Dimmable
- Special coating with a golden finish gives an antique appearance and creates a warm and cosy living space
- Helix LED filament provides a cosy and modern appearance
- Even light distribution
- Save energy up to 90% compared with an incandescent filament lamp



Dimmable Coated GLS, Globe, ST64

Order Code	Power	Cap	Finish	CCT	Lumen	Trade Price
KDFL05ST64-GLD	5W	B22 / E27	Coated	2200K	300lm	£11.07
KDFL05GLS-GLD	5W	B22 / E27	Coated	2200K	300lm	£10.38
KDFL05G100-GLD	5W	B22 / E27	Coated	2200K	300lm	£12.52
KDFL05G125-GLD	5W	B22 / E27	Coated	2200K	300lm	£18.01

RF wireless triac dimmer

Order Code	Max Power	Output Current	Trade Price
CYDIMRFT1	2 x 120W (100 Vac) 2 x 288W (240 Vac)	2 x 1.2 A	£108.07

* See datasheet for recommended number of lamps per dimmer

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 3 Years
Standard Warranty

Mains Dimmable
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-N65

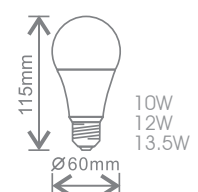
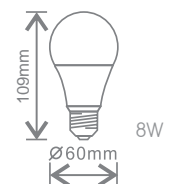
Dim to Warm

Order Code	Power	Cap	CCT	Lumen	Trade Price
KDTW10GLS	10W	B22 E27	2700-2000K	920lm	£18.57

Dimmable

Order Code	Power	Cap	CCT	Lumen	Trade Price
KDIM08GLS	8W	B22 E27	3000K 4000K 6500K	760lm 790lm 790lm	£17.18
KDIM10GLS	10W	B22 E27	4000K 6500K	880lm 920lm 920lm	£17.99
KDIM12GLS	12W	B22 E27	3000K 4000K 6500K	1050lm 1150lm 1150lm	£20.29

Dimensions



Non-Dimmable

Order Code	Power	Cap	CCT	Lumen	Trade Price
KTC08GLS	8W	B22 E27	3000K	820lm	£12.55
			4000K	850lm	
			6500K	850lm	
KTC10GLS	10W	B22 E27	3000K	960lm	£13.09
			4000K	1000lm	
			6500K	1000lm	
KTC12GLS	12W	B22 E27	3000K	1100lm	£14.34
			4000K	1200lm	
			6500K	1200lm	
KTC13.5GLS	13.5W	B22 E27	3000K	1550lm	£20.41
			4000K	1650lm	
			6500K	1650lm	

RF wireless triac dimmer

Order Code	Max Power	Output Current	Trade Price
CYDIMRFT1	2 x 120W (100 Vac) 2 x 288W (240 Vac)	2 x 1.2 A	£108.07

* See datasheet for recommended number of lamps per dimmer

Order Code

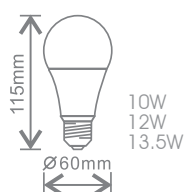
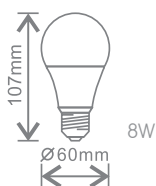
KTC08GLS/B22-N30
KTC08GLS/B22-N40
KTC08GLS/B22-N65
KTC08GLS/E27-N30
KTC08GLS/E27-N40
KTC08GLS/E27-N65

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

KTC12GLS/B22-N30
KTC12GLS/B22-N40
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



GLS

High Power GLS Lamps

- Colour temperature of 3000K, 4000K and 6500K
- Save energy up to 85% compared with incandescent lamp
 - High lumen output upto 2450lm
 - Long life of 25,000h



3 3 Years
Standard Warranty

General Specification

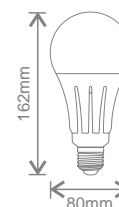
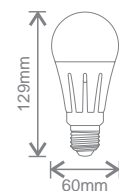
Voltage 220-240Vac
50-60Hz
CRI >80
Life Time 25,000h
Ambient Temp -20°C to 40°C

Order Code

KTC18GLS/B22-N30
KTC18GLS/B22-N40
KTC18GLS/B22-N65
KTC18GLS/E27-N30
KTC18GLS/E27-N40
KTC18GLS/E27-N65

KTC22GLS/B22-N30
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KTC22GLS/B22-N65
KTC22GLS/E27-N30
KTC22GLS/E27-N40
KTC22GLS/E27-N65

Dimensions



Order Code	Power	Cap	CCT	Lumen	Trade Price
KTC18GLS	18W	B22 E27	3000K 4000K 6500K	1800lm	£17.33
KTC22GLS	22W	B22 E27	3000K 4000K 6500K	2450lm	£27.00

3 3 Years
Standard Warranty



Uses integrated gravity sensor to enable the flame to always glow upwards regardless of the angle of the lamp

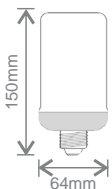
General Specification

Voltage 220-240Vac
50-60Hz
CRI >80
Life Time 25,000h
Ambient Temp -20°C to 40°C

Order Code

KTC07FLA/E27

Dimensions



Flame Lamp

E27 LED Lamp with flame effect

- Realistic flame motion
- Integrated gravity sensor
- Ideal for outdoor luminaire



Order Code	Power	Cap	CCT	Lumen	Trade Price
KTC07FLA	7W	E27	1600K	200lm	£37.20

G4, G9, GX53, Pygmy

Capsule and disk shaped LED lamps

- Save energy by up to 90%
- Replacement of halogen G4 and G9 lamps
- Replacement of CFL GX53 lamps
- Long life of 30,000hrs

3 3 Years
Standard Warranty

Mains Dimmable
Dimmable



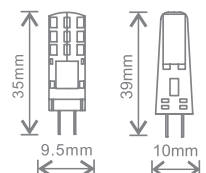
General Specification

Voltage 12Vac/dc
 (G4)
 220-240Vac
 50-60Hz
 (G9, GX53, Pygmy)
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	£8.03
KLED1.5CPL	1.5W	G4	3000K	140lm	£12.79



2W G9



2.5W G9



3.5W G9



2.5W Pygmy



7W, 5W GX53



3W GX53

Order Code

KDIM3.5CPL/G9-N30
 KDIM3.5CPL/G9-N65

KLED02CPL/G9-N30

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

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

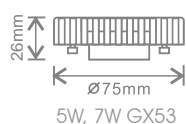
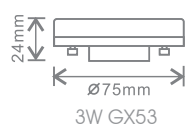
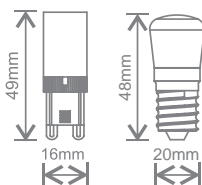
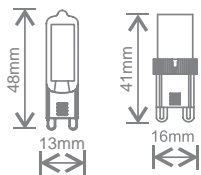
KLED03DSK/GX53-W30
 KLED03DSK/GX53-W65

KLED05DSK/GX53-W30
 KLED05DSK/GX53-W65

KLED07DSK/GX53-W30
 KLED07DSK/GX53-W65

KLED2.5PYG/E14-N30
 KLED2.5PYG/E14-N65

Dimensions



Dimmable G9

Order Code	Power	Cap	CCT	Lumen	Trade Price
KDIM3.5CPL	3.5W	G9	3000K 4000K 6500K	390lm 400lm	£16.27

Non-Dimmable G9

Order Code	Power	Cap	CCT	Lumen	Trade Price
KLED02CPL	2W	G9	3000K	200lm	£5.16
KLED2.5CPL	2.5W	G9	3000K 6500K	220lm 230lm	£8.67
KLED3.5CPL	3.5W	G9	3000K 6500K	310lm 320lm	£12.12

GX53

Order Code	Power	Cap	Beam Angle	CCT	Lumen	Trade Price
KLED03DSK	3W	GX53	/	3000K 6500K	240lm 280lm	£10.17
KLED05DSK	5W	GX53	100°	3000K 6500K	500lm(410lm)* 540lm(450lm)*	£13.86
KLED07DSK	7W	GX53	100°	3000K 6500K	650lm(540lm)* 690lm(570lm)*	£13.86

Pygmy

Order Code	Power	Cap	CCT	Lumen	Trade Price
KLED2.5PYG	2.5W	E14	3000K 6500K	190lm 200lm	£9.28

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

RF wireless triac dimmer

Order Code	Max Power	Output Current	Trade Price
CYDIMRFT1	2 x 120W (100 Vac) 2 x 288W (240 Vac)	2 x 1.2 A	£108.07

* See datasheet for recommended number of lamps per dimmer

SEASONAL LINE

Colour Golf

Coloured LED Golf Ball Lamp

- Save energy up to 85% compared with filament lamps
- Suitable for use in outdoor festoons designed for golf ball lamps
 - Available in White, Blue, Green, Red or Yellow
 - Even light distribution
- Popular B22 and E27 caps

3 3 Years
Standard Warranty



Startree Golf



General Specification

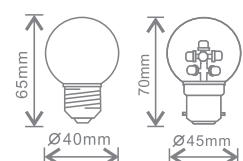
Voltage 220-240Vac
50-60Hz
CRI >80
Life Time 30,000h
Ambient Temp -20°C to 40°C

Order Code

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

KSTR01GLF/B22-Blue
KSTR01GLF/E27-Blue
KSTR01GLF/B22-Green
KSTR01GLF/E27-Green
KSTR01GLF/B22-Red
KSTR01GLF/E27-Red
KSTR01GLF/E27-Yellow
KSTR01GLF/B22-Orange
KSTR01GLF/E27-Orange

Dimensions



Order Code	Power	Cap	Colour	Trade Price
KLED01GLF	1W	B22 E27	Blue Green Red White Yellow	£4.75
KSTR01GLF	1W	B22 E27	Blue Green Red Orange	£9.27

2 2 Years
Standard Warranty

Mains Dimmable
Dimmable



Candle

General Specification

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

Order Code

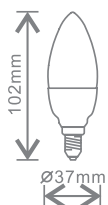
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RDCND05E27-27-N

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RLCND05E14-40-N
RLCND05E27-40-N
RLCND05B22-65-N
RLCND05E14-65-N
RLCND05E27-65-N

RLCND06B22-27-N
RLCND06E14-27-N
RLCND06E27-27-N

Dimensions



Classic Shape

Classic shaped LED GLS, candle & golf

- Save energy by up to 90%
- Replacement for incandescent GLS, candle and golf lamps
- Choices of 2700K/4000K/6500K
- Dimmable options
- Long life of 20,000hrs



Dimmable Candle

Order Code	Power	Cap	CCT	Lumen	Trade Price
RDCND05	5W	B22 E14 E27	2700K	400lm	£6.67

Non-Dimmable Candle

Order Code	Power	Cap	CCT	Lumen	Trade Price
RLCND04	4W	B22 E14 E27	2700K	320lm	£4.70
RLCND05	5W	B15 B22 E14 E27	2700K 4000K 6500K	400lm	£5.05
RLCND06	6W	B22 E14 E27	2700K	490lm	£5.05

Dimmable Golf

Order Code	Power	Cap	CCT	Lumen	Trade Price
RDGLF05	5W	E14 B22 E27	2700K	410lm	£8.70

Non-Dimmable Golf

Order Code	Power	Cap	CCT	Lumen	Trade Price
RLGLF04	4W	E14 B22 E27	2700K	320lm	£4.04
RLGLF05	5W	E14 B22 E27	2700K 6500K	400lm 440lm	£4.42

Dimmable GLS

Order Code	Power	Cap	CCT	Lumen	Trade Price
RDGLS07	7W	B22 E27	2700K	600lm	£9.37
RDGLS09	9W	B22 E27	2700K	810lm	£14.51
RDGLS11	11W	B22 E27	2700K	1010lm	£14.98

Non-Dimmable GLS

Order Code	Power	Cap	CCT	Lumen	Trade Price
RLGLS05	5W	B22 E27	2700K	420lm	£5.99
RLGLS07	7W	B22 E27	2700K	600lm	£5.99
RLGLS09	9W	B22 E27	2700K 4000K 6500K	730lm 940lm 940lm	£6.11
RLGLS11	11W	B22 E27	2700K	1140lm	£6.50

Dimmable Globe

Order Code	Power	Cap	CCT	Lumen	Trade Price
RDGLB11	11W	B22 E27	2700K	1040lm	£13.81

Non-Dimmable Globe

Order Code	Power	Cap	CCT	Lumen	Trade Price
RLGLB11	11W	B22 E27	2700K	1000lm	£11.25

RF wireless triac dimmer

Order Code	Max Power	Output Current	Trade Price
CYDIMRFT1	2 x 120W (100 Vac) 2 x 288W (240 Vac)	2 x 1.2 A	£108.07

* See datasheet for recommended number of lamps per dimmer



Order Code

RDGLF05B22-27-N
RDGLF05E14-27-N
RDGLF05E27-27-N

RLGLF04B22-27-N
RLGLF04E14-27-N
RLGLF04E27-27-N

RLGLF05B22-27-N
RLGLF05E14-27-N
RLGLF05E27-27-N
RLGLF05B22-65-N
RLGLF05E14-65-N
RLGLF05E27-65-N

RDGLS07B22-27-N
RDGLS07E27-27-N

RDGLS09B22-27-N
RDGLS09E27-27-N

RDGLS11B22-27-N
RDGLS11E27-27-N

RLGLS05B22-27-N
RLGLS05E27-27-N

RLGLS07B22-27-N
RLGLS07E27-27-N

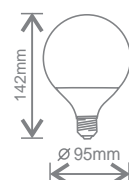
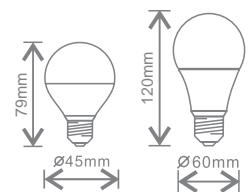
RLGLS09B22-27-N
RLGLS09E27-27-N
RLGLS09B22-40-N
RLGLS09E27-40-N
RLGLS09B22-65-N
RLGLS09E27-65-N

RLGLS11B22-27-N
RLGLS11E27-27-N

RDGLB11B22-27-N
RDGLB11E27-27-N

RLGLB11B22-27-N
RLGLB11E27-27-N

Dimensions



2 2 Years
Standard Warranty

Mains Dimmable
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



Dimmable GU10

Order Code	Power	Cap	Beam Angle	CCT	Lumen*	Trade Price
RDCOB05	5W	GU10	70°	2700K	360lm(280lm)	£6.70

Non-Dimmable GU10

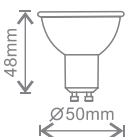
Order Code	Power	Cap	Beam Angle	CCT	Lumen*	Trade Price
RLCOB04	4W	GU10	60°	2700K 6500K	310lm(260lm) 320lm(270lm)	£4.98

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

Order Code

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

Dimensions



RF wireless triac dimmer

Order Code	Max Power	Output Current	Trade Price
CYDIMRFT1	2 x 120W (100 Vac) 2 x 288W (240 Vac)	2 x 1.2 A	£108.07

* See datasheet for recommended number of lamps per dimmer

Reflectors

Retrofit LED reflector lamps

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



2 Years
Standard Warranty

Mains Dimmable
Dimmable

General Specification

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

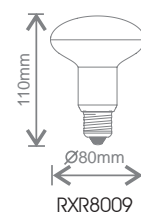
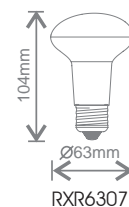
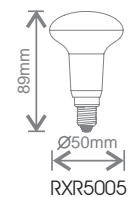
Order Code

RDR5005E14-27-W
RLR5005E14-27-W

RDR6307E27-27-W
RLR6307E27-27-W

RDR8009E27-27-W
RLR8009E27-27-W

Dimensions



Dimmable

Order Code	Type	Power	Cap	CCT	Lumen	Trade Price
RDR5005	R50	5W	E14	2700K	420lm	£9.29
RDR6307	R63	7W	E27	2700K	660lm	£10.70
RDR8009	R80	9W	E27	2700K	850lm	£15.83

Non-Dimmable

Order Code	Type	Power	Cap	CCT	Lumen	Trade Price
RLR5005	R50	5W	E14	2700K	360lm	£5.60
RLR6307	R63	7W	E27	2700K	560lm	£8.07
RLR8009	R80	9W	E27	2700K	800lm	£9.87

RF wireless triac dimmer

Order Code	Max Power	Output Current	Trade Price
CYDIMRFT1	2 x 120W (100 Vac) 2 x 288W (240 Vac)	2 x 1.2 A	£108.70

* See datasheet for recommended number of lamps per dimmer

2 2 Years
Standard Warranty

Mains Dimmable
Dimmable

General Specification

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

Order Code

RDP2007E27-27-F
RDP2007E27-65-F

RLP2007E27-27-F
RLP2007E27-65-F

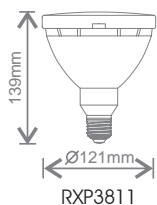
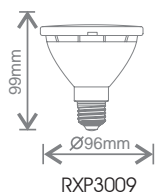
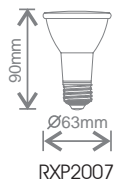
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RDP3009E27-65-S

RLP3009E27-27-S
RLP3009E27-65-S

RDP3811E27-27-F
RDP3811E27-65-F

RLP3811E27-27-F
RLP3811E27-65-F

Dimensions



PAR

Retrofit LED PAR lamps

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



Dimmable

Order Code	Type	Power	Cap	Beam Angle	CCT	Lumen*	Trade Price
RDP2007	PAR20	7W	E27	50°	2700K 6500K	570lm(500lm)	£9.49
RDP3009	PAR30	9W	E27	38°	2700K 6500K	870lm(780lm)	£13.04
RDP3811	PAR38	11W	E27	50°	2700K 6500K	970lm(880lm)	£19.64

Non-Dimmable

Order Code	Type	Power	Cap	Beam Angle	CCT	Lumen*	Trade Price
RLP3009	PAR30	9W	E27	38°	2700K 6500K	800lm(710lm)	£11.89
RLP3811	PAR38	11W	E27	50°	2700K 6500K	900lm(810lm)	£14.70

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

RF wireless triac dimmer

Order Code	Max Power	Output Current	Trade Price
CYDIMRFT1	2 x 120W (100 Vac) 2 x 288W (240 Vac)	2 x 1.2 A	£108.70

* See datasheet for recommended number of lamps per dimmer

14
CFL Lamp



Spiral

270



DD, T5C

271



S, D, T, L/E

272



T5

274

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 KCF07SP3/B15-827
ECO09SP2/E27-827 KCF07SP3/E14-827
KCF07SP3/B22-827
ECO11SP2/B22-827 KCF07SP3/E14-840
ECO11SP2/E27-827 KCF07SP3/E14-865
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KCF09SP3/B15-827
ECO15SP2/B22-827 KCF09SP3/E14-827
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KCF09SP3/E27-827
ECO18SP2/B22-827 KCF09SP3/E27-840
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ECO20SP2/E27-865
ECO24SP1/B22-827
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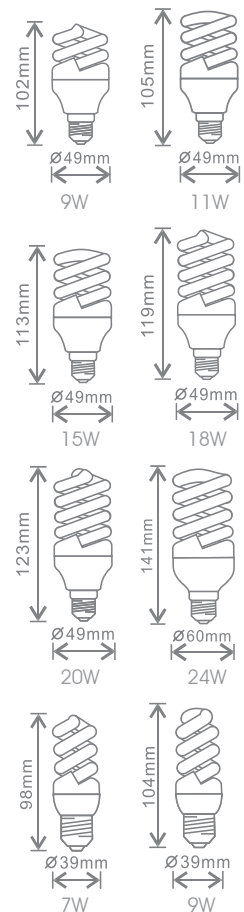
Quick Start

Order Code	Power	Cap	CCT	Lumen	Trade Price
ECO09SP2	9W	B22 E27	2700K	480lm	£6.45
ECO11SP2	11W	B22 E27	2700K 4000K 6500K	620lm	£6.45
ECO15SP2	15W	B22 E27	2700K 4000K 6500K	825lm	£6.46
ECO18SP2	18W	B22 E27	2700K 4000K 6500K	1000lm	£7.03
ECO20SP2	20W	B22 E27	2700K 4000K 6500K	1100lm	£7.09
ECO24SP1	24W	B22 E27	2700K 4000K 6500K	1400lm	£9.54

Extra Mini

Order Code	Power	Cap	CCT	Lumen	Trade Price
KCF07SP3	7W	B15 B22 E14 E27	2700K 4000K 6500K	350lm	£5.16
KCF09SP3	9W	B15 B22 E14 E27	2700K 4000K 6500K	480lm	£5.17

Dimensions



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
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KFT38STD/4p-840

KFT55STD/4p-827
KFT55STD/4p-835
KFT55STD/4p-840

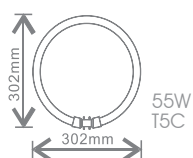
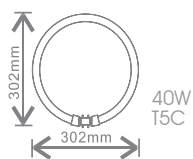
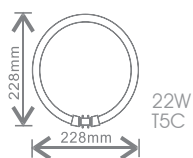
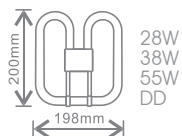
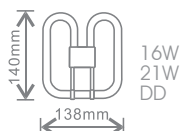
KFT22STC/4p-840

KFT40STC/4p-840

KFT55STC/4p-840



Dimensions



DD

Order Code	Power	Cap	CCT	Lumen	Trade Price
KFT16STD	16W	2pin(GR8) 4Pin(GR10q)	2700K	1050lm	£4.09
			3500K		
			4000K		
			4000K		
			6500K		
KFT21STD	21W	4Pin(GR10q)	3500K	1350lm	£4.30
KFT28STD	28W	2pin(GR8) 4Pin(GR10q)	2700K	2050lm	£6.50
			3500K		
			4000K		
			4000K		
			6500K		
KFT38STD	38W	4Pin(GR10q)	2700K	2850lm	£7.23
			3500K		
			4000K		
KFT55STD	55W	4Pin(GR10q)	2700K	3900lm	£7.88
			3500K		
			4000K		

T5C

Order Code	Power	Cap	CCT	Lumen	Trade Price
KFT22STC	22W	4pin(2GX13)	4000K	1900lm	£7.86
KFT40STC	40W	4pin(2GX13)	4000K	3400lm	£9.54
KFT55STC	55W	4pin(2GX13)	4000K	4300lm	£10.06

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



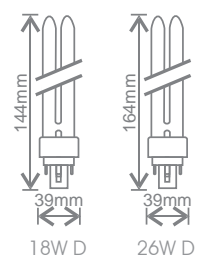
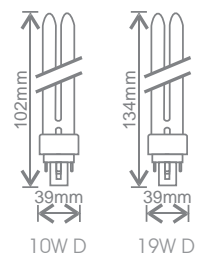
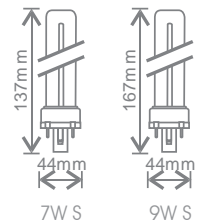
General Specification

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

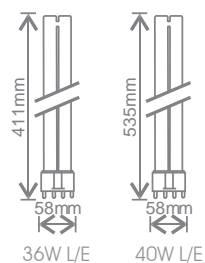
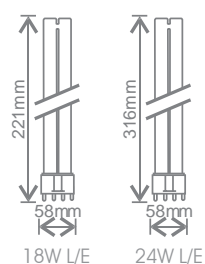
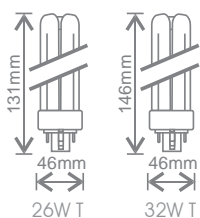
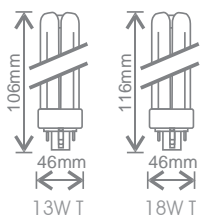
Order Code	Power	Cap	CCT	Lumen	Trade Price
KFT07ST1	7W	2pin(G23)	4000K	400lm	£2.91
KFT09ST1	9W	2pin(G23)	4000K	600lm	£3.16
KFT11ST1	11W	2pin(G23)	4000K	880lm	£3.41

D

Order Code	Power	Cap	CCT	Lumen	Trade Price
KFT10ST2	10W	2pin(G24d-1) 4pin(G24q-1)	4000K	620lm	£3.89
KFT13ST2	13W	2pin(G24d-1) 4pin(G24q-1)	4000K	900lm	£3.93
KFT18ST2	18W	2pin(G24d-2) 4pin(G24q-2)	4000K	1200lm	£4.15
KFT26ST2	26W	2pin(G24d-3) 4pin(G24q-3)	4000K	1780lm	£4.64

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	£4.94
KFT18ST3	18W	4pin(GX24q-2)	4000K	1200lm	£4.98
KFT26ST3	26W	4pin(GX24q-3)	4000K	1780lm	£5.80
KFT32ST3	32W	4pin(GX24q-3)	4000K	2400lm	£6.60
KFT42ST3	42W	4pin(GX24q-4)	4000K	3200lm	£7.40

L/E

Order Code	Power	Cap	CCT	Lumen	Trade Price
KFT18STL	18W	4pin(2G11)	4000K	1250lm	£4.10
KFT24STL	24W	4pin(2G11)	4000K	1800lm	£4.58
KFT36STL	36W	4pin(2G11)	4000K	2400lm	£5.91
KFT40STL	40W	4pin(2G11)	4000K	3500lm	£6.56
KFT55STL	55W	4pin(2G11)	4000K	4800lm	£6.56

T5

Fluorescent T5 tubes

- Save energy by up to 80%
- Long life of 24,000hrs



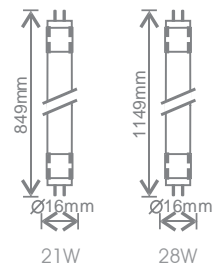
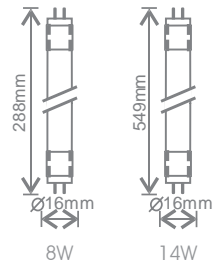
General Specification

Voltage	230V
CRI	>80
Life Time	24,000h
Ambient Temp	-20°C to 40°C

Order Code

- KFT08T5/840
- KFT14T5/840
- KFT21T5/840
- KFT28T5/840
- KFT35T5/840

Dimensions



T5 High Efficiency

Order Code	Power	Cap	Length	CCT	Lumen	Trade Price
KFT08T5	8W	G5	288mm	4000K	450lm	£2.15
KFT14T5	14W	G5	549mm	4000K	1200lm	£3.03
KFT21T5	21W	G5	849mm	4000K	1850lm	£3.58
KFT28T5	28W	G5	1149mm	4000K	2600lm	£4.40
KFT35T5	35W	G5	1449mm	4000K	3300lm	£6.90

T5 High Output

Order Code	Power	Cap	Length	CCT	Lumen	Trade Price
KFT24T5HO	24W	G5	549mm	4000K	1750lm	£4.14
KFT39T5HO	39W	G5	849mm	4000K	3300lm	£4.80
KFT49T5HO	49W	G5	1449mm	4000K	4500lm	£6.90
KFT54T5HO	54W	G5	1149mm	4000K	4650lm	£5.44

Order Code

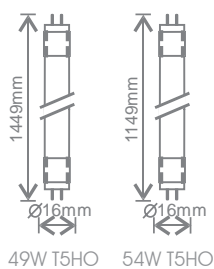
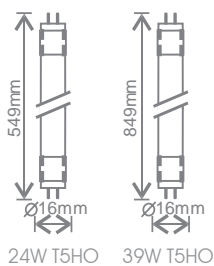
KFT24T5HO/840

KFT39T5HO/840

KFT49T5HO/840

KFT54T5HO/840

Dimensions



HALO Lamp



G9, G4,
GY6.35

278

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
 KHL07CPL/G4-CLE
 KHL14CPL/G4-CLE
 KHL35CPL/GY6.35-CLE
 KHL50CPL/GY6.35-CLE

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

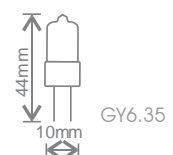
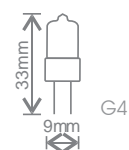
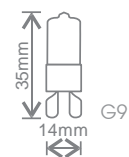
G4

Order Code	Power	Cap	CCT	Lumen	Trade Price
KHL07CPL	7W	G4	3000K	90lm	£1.28
KHL14CPL	14W	G4	3000K	235lm	£1.29

GY6.35

Order Code	Power	Cap	CCT	Lumen	Trade Price
KHL35CPL	35W	GY6.35	3000K	600lm	£0.71

Dimensions

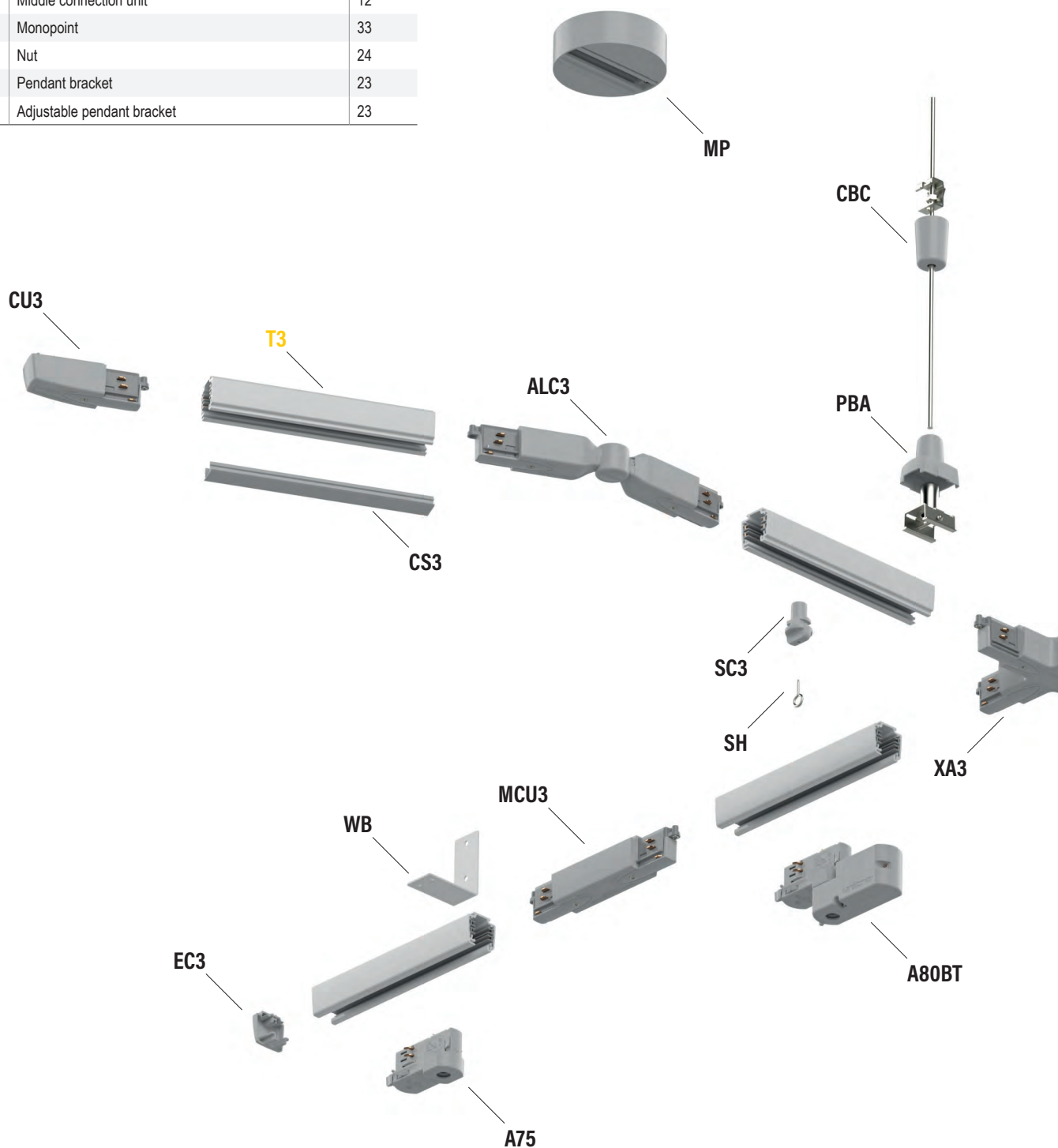


unipro[®]

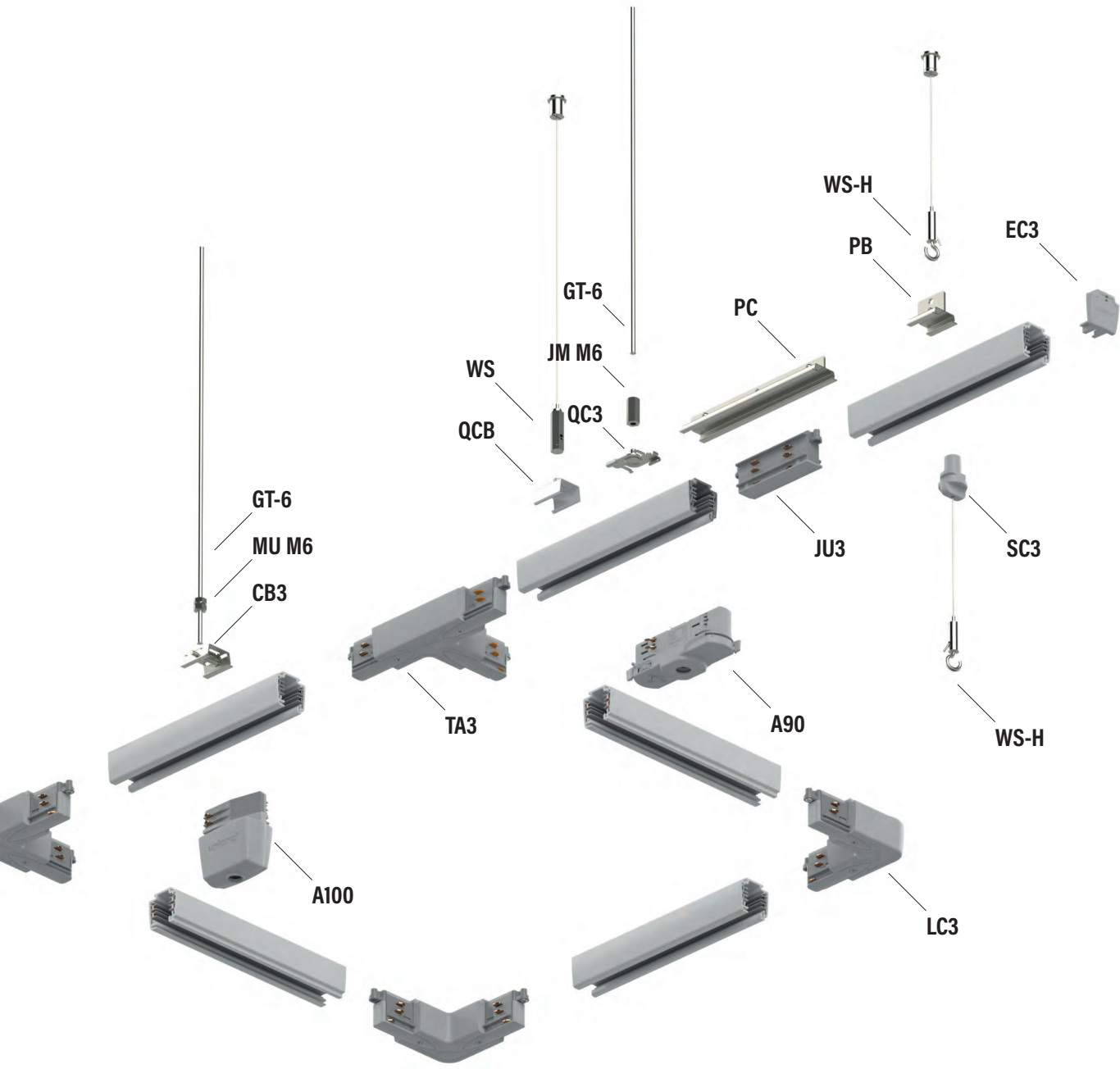
Reference

Name	Product	Page
A100	Power take-off adapter	26
A75	Luminaire adapter	31
A80BT	Bluetooth control unit	31
A90	Valaisinadapteri	31
ALC3	Adjustable corner piece	13
CBC	Kupillinen kattoriipustin	23
CS3	Cover strip	21
CU3	Connection unit	12
EC3	End cap	21
GT-6	Threaded rod M6	24
JM M6	Extension nut	24
JU3	Jointing unit	12
LC3	L-piece	13
MCU3	Middle connection unit	12
MP	Monopoint	33
MU M6	Nut	24
PB	Pendant bracket	23
PBA	Adjustable pendant bracket	23

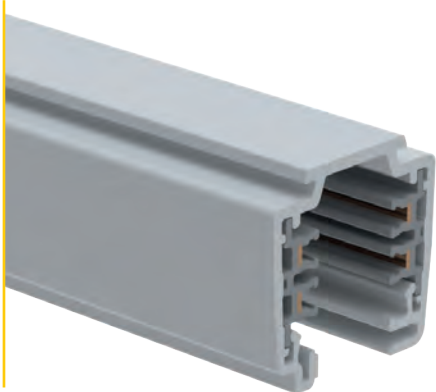
Name	Product	Page
PC	Pendant coupler	23
QC3	Quick connector	22
QCB	Quick ceiling bracket	22
SC3	Suspension clamp	24
SH	Suspension hook	24
T3	3-circuit lighting track	11
TA3	T-piece	13
WB	Wall bracket	24
WS	Wire suspension set	24
WS-H	Adjustable wire suspension set with hook	24
XA3	X-piece	13



3-circuit lighting track system



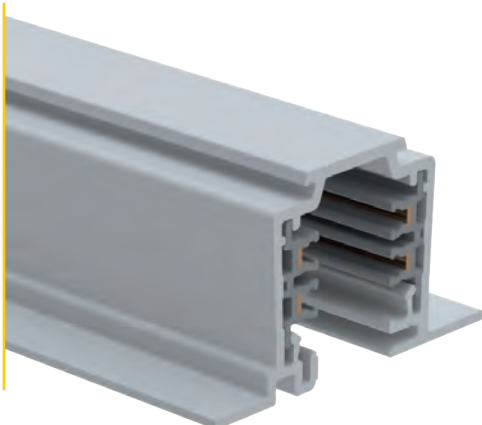
Surface 3-phase lighting tracks



Code	Name	Product
1459102	UNIPRO T32W	3-phase lighting track, white, 2 meters (surface)
1459103	UNIPRO T33W	3-phase lighting track, white, 3 meters (surface)
1459104	UNIPRO T34W	3-phase lighting track, white, 4 meters (surface)
1459232	UNIPRO T32G	3-phase lighting track, grey, 2 meters (surface)
1459233	UNIPRO T33G	3-phase lighting track, grey, 3 meters (surface)
1459234	UNIPRO T34G	3-phase lighting track, grey, 4 meters (surface)
1459302	UNIPRO T32B	3-phase lighting track, black, 2 meters (surface)
1459303	UNIPRO T33B	3-phase lighting track, black, 3 meters (surface)
1459304	UNIPRO T34B	3-phase lighting track, black, 4 meters (surface)
1459202	UNIPRO T32AD	3-phase lighting track, anodised, 2 meters (surface)
1459203	UNIPRO T33AD	3-phase lighting track, anodised, 3 meters (surface)
1459204	UNIPRO T34AD	3-phase lighting track, anodised, 4 meters (surface)

16 A | 250/400 VAC | 50 Hz | CLASS 1 IP20

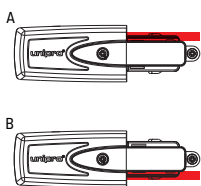
Recessed 3-phase lighting tracks



Code	Name	Product
1459112	UNIPRO T32FW	3-phase lighting track, white, 2 meters (recessed)
1459113	UNIPRO T33FW	3-phase lighting track, white, 3 meters (recessed)
1459114	UNIPRO T34FW	3-phase lighting track, white, 4 meters (recessed)
1459182	UNIPRO T32FG	3-phase lighting track, grey, 2 meters (recessed)
1459183	UNIPRO T33FG	3-phase lighting track, grey, 3 meters (recessed)
1459184	UNIPRO T34FG	3-phase lighting track, grey, 4 meters (recessed)
1459312	UNIPRO T32FB	3-phase lighting track, black, 2 meters (recessed)
1459313	UNIPRO T33FB	3-phase lighting track, black, 3 meters (recessed)
1459314	UNIPRO T34FB	3-phase lighting track, black, 4 meters (recessed)
1459212	UNIPRO T32FAD	3-phase lighting track, anodised, 2 meters (recessed)
1459213	UNIPRO T33FAD	3-phase lighting track, anodised, 3 meters (recessed)
1459214	UNIPRO T34FAD	3-phase lighting track, anodised, 4 meters (recessed)

16 A | 250/400 VAC | 50 Hz | CLASS 1 IP20

Connection unit unipro® CU3



Code	Name	Product
1459121	UNIPRO CU3AW	Connection unit, white (earthing A)
1459122	UNIPRO CU3BW	Connection unit, white (earthing B)
1459221	UNIPRO CU3AG	Connection unit, grey (earthing A)
1459222	UNIPRO CU3BG	Connection unit, grey (earthing B)
1459321	UNIPRO CU3AB	Connection unit, black (earthing A)
1459322	UNIPRO CU3BB	Connection unit, black (earthing B)

Power supply option. Select the correct earthing option. Screw terminals for 3x1,5mm² - 5x2,5mm² wires. Compatible with 3-circuit system.

Middle connection unit unipro® MCU3



Code	Name	Product
1459131	UNIPRO MCU3W	Middle connection unit, white
1459231	UNIPRO MCU3G	Middle connection unit, grey
1459331	UNIPRO MCU3B	Middle connection unit, black

Power supply option. Screw terminals for 3x1,5mm² - 5x2,5mm² wires. Compatible with 3-circuit system.

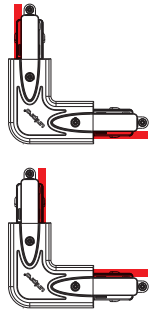
Joining unit unipro® JU3



Code	Name	Product
1459199	UNIPRO JU3	Joining unit

Joining unit for unipro® -T3 series lighting tracks. Product comes with grey and black covers, cover can be installed by pressing it on top of the joining unit. Compatible with 3-circuit system.

L-piece unipro® LC3



Code	Name	Product
1459141	UNIPRO LC3W	L-piece, white
1459241	UNIPRO LC3G	L-piece, grey
1459341	UNIPRO LC3B	L-piece, black

Power supply option. The earthing line position can be changed on site, by screwing the lid open, turning the frame by 180°, and by screwing the lid back on. Screw terminals for 3x1,5mm² - 5x2,5mm² wires. Compatible with 3-circuit system.

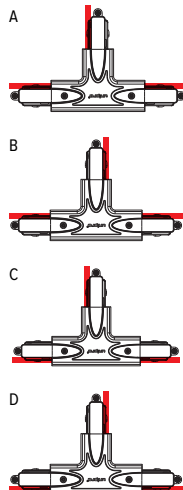
Adjustable corner unipro® ALC3



Code	Name	Product
1459151	UNIPRO ALC3W	Adjustable corner, white
1459251	UNIPRO ALC3G	Adjustable corner, grey
1459351	UNIPRO ALC3B	Adjustable corner, black

Horizontal adjustment range 0 ± 120°. Compatible with 3-circuit system.

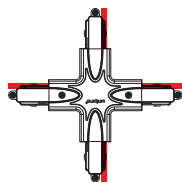
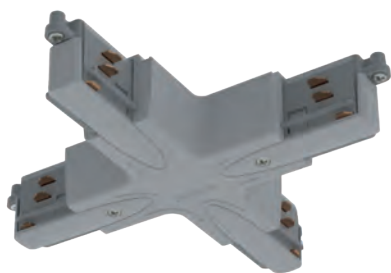
T-piece unipro® TA3



Code	Name	Product
1459161	UNIPRO TA3AW	T-piece, white (earthing A)
1459162	UNIPRO TA3BW	T-piece, white (earthing B)
1459163	UNIPRO TA3CW	T-piece, white (earthing C)
1459164	UNIPRO TA3DW	T-piece, white (earthing D)
1459261	UNIPRO TA3AG	T-piece, grey (earthing A)
1459262	UNIPRO TA3BG	T-piece, grey (earthing B)
1459263	UNIPRO TA3CG	T-piece, grey (earthing C)
1459264	UNIPRO TA3DG	T-piece, grey (earthing D)
1459361	UNIPRO TA3AB	T-piece, black (earthing A)
1459362	UNIPRO TA3BB	T-piece, black (earthing B)
1459363	UNIPRO TA3CB	T-piece, black (earthing C)
1459364	UNIPRO TA3DB	T-piece, black (earthing D)

Power supply option. Select the correct earthing option. Screw terminals for 3x1,5mm² - 5x2,5mm² wires. Compatible with 3-circuit system.

X-unit unipro® XA3



Code	Name	Product
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1459171	UNIPRO XA3W	X-piece, white
1459271	UNIPRO XA3G	X-piece, grey
1459371	UNIPRO XA3B	X-piece, black

Power supply option. Screw terminals for 3x1,5mm² - 5x2,5mm² wires. Compatible with 3-circuit system.

End cap unipro® EC3



Code	Name	Product
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1459181	UNIPRO EC3W	End cap, white
1459281	UNIPRO EC3G	End cap, grey
1459381	UNIPRO EC3B	End cap, black

End cap for T3-lighting tracks. Compatible with 3-circuit system.

Cover plate unipro® CP3



Code	Name	Product
------	------	---------

1459191	UNIPRO CP3W	Cover plate, white
1459291	UNIPRO CP3G	Cover plate, grey
1459391	UNIPRO CP3B	Cover plate, black

Cover plates are used in recessed lighting track systems, to cover the CU and MCU connection units, and the L-, T- and X-pieces. The cover plate can be folded to the shape suitable for covering the parts to be hidden. Compatible with 3-circuit system.

Cover strip unipro® CS3

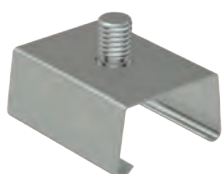


Code	Name	Product
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1459444	UNIPRO CS3W	Cover strip, white
1459445	UNIPRO CS3B	Cover strip, black

Cover strip for unipro® lighting tracks. Length 2m.

Quick ceiling bracket unipro® QCB



Code	Name	Product
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1459421	UNIPRO QCB W	Quick ceiling bracket, white
1459422	UNIPRO QCB G	Quick ceiling bracket, grey
1459423	UNIPRO QCB B	Quick ceiling bracket, black

Fast to install without tools. Can be used with the wire suspension set WS, and threaded rod GT-6 L=1000 EG with extension nut JM M6 EG. Pull strength 150 N (15kg). Compatible with 3-circuit / Control-DALI systems.

Quick connector unipro® QC3



Code	Name	Product
1459100	UNIPRO QC3G	Quick connector

Fast to install without tools. Can be used with the wire suspension set WS, and threaded rod GT-6 L=1000 EG with extension nut JM M6 EG. Pull strength 80 N (8kg). Compatible with 3-circuit / Control-DALI systems.

Ceiling bracket unipro® CB3



Code	Name	Product
1459401	UNIPRO CB3W	Ceiling bracket, white
1459402	UNIPRO CB3G	Ceiling bracket, grey
1459403	UNIPRO CB3B	Ceiling bracket, black

Steel. Can be used with the wire suspension set WS and the threaded rod GT-6 L=1000 EG. Pull strength 200 N (20kg). Compatible with 3-circuit / Control-DALI systems.

Ceiling bracket unipro® CB3 T-BAR



Code	Name	Product
1459451	UNIPRO CB3W T-BAR	Ceiling bracket for T-bar, white
1459452	UNIPRO CB3G T-BAR	Ceiling bracket for T-bar, grey
1459453	UNIPRO CB3B T-BAR	Ceiling bracket for T-bar, black

Steel. Can be attached directly to 24mm T-bar. Pull strength 50 N (5kg). Compatible with 3-circuit / Control-DALI systems.

Pendant bracket unipro® PB



Code	Name	Product
1459407	UNIPRO PB W	Pendant bracket, white
1459408	UNIPRO PB G	Pendant bracket, grey
1459409	UNIPRO PB B	Pendant bracket, black

Steel. Can be used with the hooked wire suspension set WS40H, or just with wires. Pull strength 200 N (20kg). Compatible with 3-circuit / Control-DALI systems.

Pendant coupler unipro® PC



Code	Name	Product
1459431	UNIPRO PC W	Pendant coupler, white
1459432	UNIPRO PC G	Pendant coupler,, grey
1459433	UNIPRO PC B	Pendant coupler,, black

Steel. Recommended to be used where two tracks have been joined with the jointing unit JU3 or CJU3. Pull strength 200 N (20kg). Compatible with 3-circuit / Control-DALI systems.

Adjustable pendant bracket unipro® PBA



Code	Name	Product
1459404	UNIPRO PBA W	Adjustable pendant bracket, white
1459405	UNIPRO PBA G	Adjustable pendant bracket, grey
1459406	UNIPRO PBA B	Adjustable pendant bracket, black

Adjustment range 0-30mm. Can be used with the threaded rod GT-6 L=1000 EG. Pull strength 200 N (20kg). Compatible with 3-circuit / Control-DALI systems.

Ceiling bracket with cup unipro® CBC



Code	Name	Product
1459434	UNIPRO CBC W	Ceiling bracket with cup, white
1459435	UNIPRO CBC B	Ceiling bracket with cup, black

Can be used with the threaded rod GT-6 L=1000 EG. Pull strength 100 N (10kg). Compatible with 3-circuit / Control-DALI systems.

Wall bracket unipro® WB



Code	Name	Product
1459436	UNIPRO WB W	Wall bracket, white
1459437	UNIPRO WB B	Wall bracket, black

Steel. Recommended to be used with ceiling bracket CB3. Pull strength 30 N (3kg). Compatible with 3-circuit / Control-DALI systems.

Suspension clamp unipro® SC3 and suspension hook SH

SH

SC3



Code	Name	Product
1459440	UNIPRO SC3W	Suspension clamp, white
1459441	UNIPRO SC3G	Suspension clamp, grey
1459442	UNIPRO SC3B	Suspension clamp, black

Wire suspension set unipro® WS



Code	Name	Product
1459410	UNIPRO WS15	Adjustable wire suspension set, length 1,5m
1459411	UNIPRO WS40	Adjustable wire suspension set, length 4,0m
1459412	UNIPRO WS60	Adjustable wire suspension set, length 6,0m
1459415	UNIPRO WS15 B	Adjustable wire suspension set, black, length 1,5m
1459416	UNIPRO WS40 B	Adjustable wire suspension set, black, length 4,0m
1459414	UNIPRO WS40H	Adjustable wire suspension set with hook, length 4,0m

WS sets intended for the CB3, QC3 and QCB brackets. WS40H is intended for the PB and PC brackets. WS pull strength 150N (15kg), WS40H pull strength 100 N (10kg)

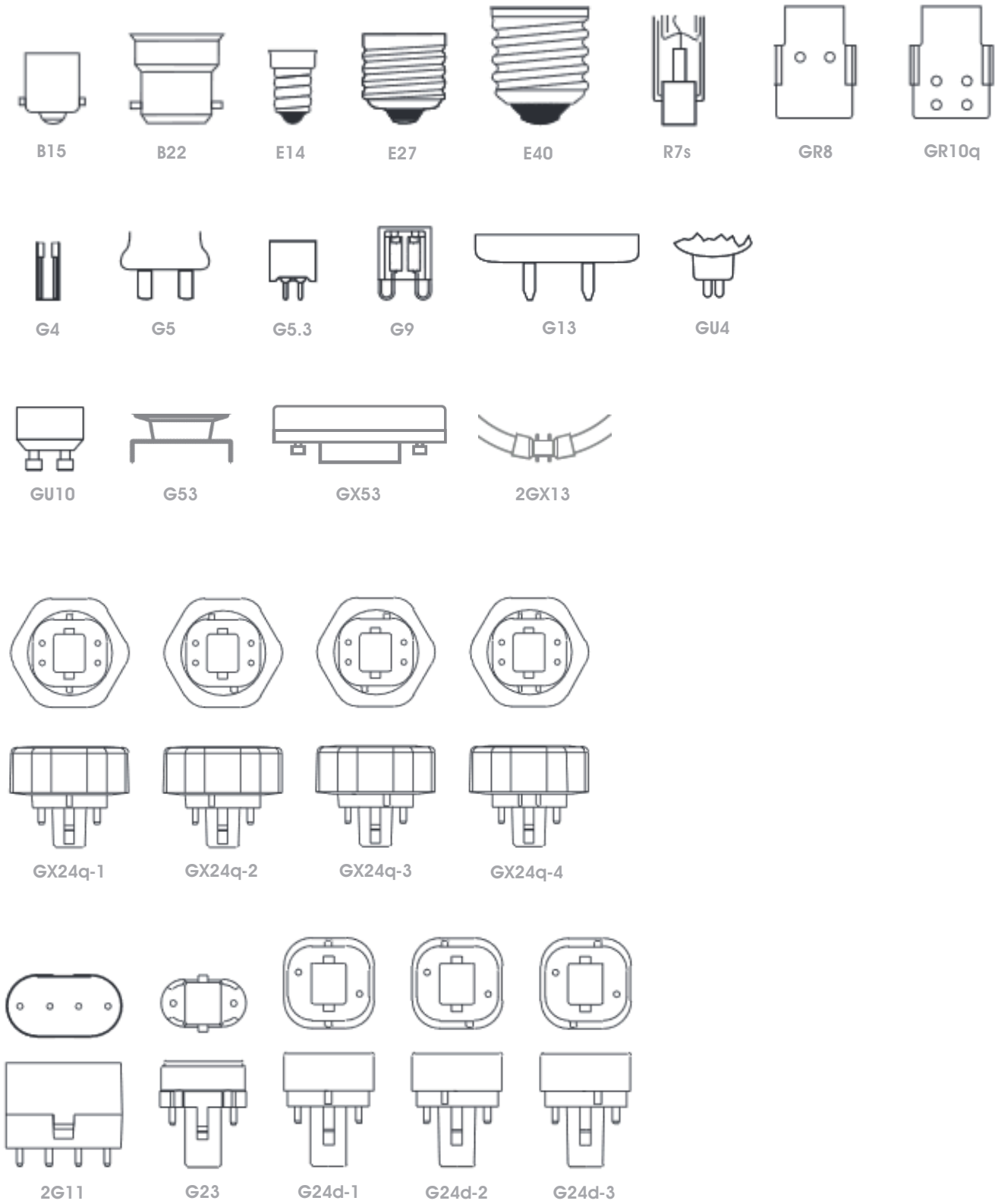
Other mounting equipment



Code	Name	Product
1459420	GT-6 L=1000 EG	Threaded rod M6, length 1,0m
1459426	SS-6 W	Plastic tube for the threaded rod M6, white
1459425	JM M6 EG	Extension nut for threaded rod M6
1459427	MU M6 EG	Electro-galvanised nut M6

Cap (lamp Bases)

Summary of the different caps available. For more information, do not hesitate to contact us.



IP, Ingress Protection

IPxx	1st digit – Solid Bodies	2nd digit – Liquid
0	No protection	No protection
1	Protection against solid bodies greater than 50mm	Protection against vertical drops of water on a device in normal position
2	Protection against solid bodies larger than 12mm	Protection against drops of water with an inclination of 15 ° maximum compared to the normal position, for one side
3	Protection against solid bodies larger than 2,5mm	Protection against rainwater if it does not have an angle of more than 60 ° with the vertical
4	Protection against solid bodies larger than 1mm	Protection against splashing water
5	Protection against dust deposits	Protection against spraying water jets
6	Protection against the penetration of dust (waterproof)	Protection against water waves, powerful jets
7		Protection against temporary immersion
8		Protection against prolonged immersion

IK, Impact resistance index

IKxx	Definition
0	No Protection
01	Protected against a shock equivalent to falling from a weight of 150g to a height of 10cm
02	Protected against a shock equivalent to falling from a weight of 200g to a height of 10cm
03	Protected against a shock equivalent to falling from a weight of 250g to a height of 15cm
04	Protected against a shock equivalent to falling from a weight of 250g to a high of 20cm
05	Protected against a shock equivalent to falling from a weight of 350g to a high of 20cm
06	Protected against a shock equivalent to falling from a weight of 250g to a height of 40cm
07	Protected against shock equivalent to falling from a weight of 500g to a height of 40cm
08	Protected against a shock equivalent to falling from a weight of 1250g to a height of 40cm
09	Protected against a shock equivalent to falling from a weight of 2500g to a height of 40cm
10	Protected against a shock equivalent to falling from a weight of 5000g to a height of 40cm

Classification: protection against electric shock

IKxx	Definition
Class 0	Functional insulation without earth connection
Class 1	Functional insulation with earth terminal, equipotential bonding
Class 2	Reinforced insulation without accessible metal parts. Double insulation without grounding
Class 3	Luminaires operating at very low voltage safety (SELV) of 50V maximum

CIBSE recommended lighting levels

The below table provides a helpful guide to the CIBSE recommended lighting levels for the most common premises types. Remember, this is a guide and any specific building requirements need to be carefully considered, for more information please contact project@kosnic.com

Area	Recommended Lighting Level	Area	Recommended Lighting Level
Offices			
General	500 Lux	Drawing Office	500 Lux
Computer Work Stations	300 – 500 Lux	Drawing Boards	750 Lux
Filing Rooms	300 Lux	CAD Design Areas	300 – 500 Lux
Print Rooms	300 Lux		
Retailing			
Small Retail Outlets	500 Lux	DIY Superstore	1000 Lux
Supermarkets	750 Lux	Garden Centres	500 Lux
Hypermarkets	1000 Lux	Showrooms	500 – 750 Lux
Engineering			
Tool Shops	300 – 750 Lux	Heavy Machine Assembly	300 Lux
Arc Welding	300 Lux	Inspection and Testing	500 – 2000 Lux
Spot Welding	500 – 1000 Lux		
Banks & Building Societies			
Counter Offices	500 Lux	Public Areas	300 Lux
Staff Areas			
Changing Rooms & Toilets	100 Lux	Restaurants & Canteens	200 Lux
Rest Rooms	150 Lux		
Kitchens			
Serving & Washing Up Areas	300 Lux	Food Stores	150 Lux
Food Preparation & Cooking	500 Lux		
General Areas			
Entrance Halls & Lobbies	200 Lux	Gatehouses	200 Lux
Enquiry Desks	500 Lux		
Circulation Areas			
Lifts	100 Lux	Atria	50 – 200 Lux
Corridors & Stairs	100 Lux	Atria with Plants	500 – 3000 Lux
Escalators/Conveyors	150 Lux	Entrances/Exits	200 Lux
Communication			
Switch Boards	300 Lux	Post Rooms	500 Lux
Building Services Areas			
Boiler House	100 Lux	Mechanical Plant Rooms	150 Lux
Control Rooms	300 Lux	Electrical Plant Rooms	100 Lux
Distribution & Storage			
Loading Bays	150 Lux	Trade Counter	500 Lux
Unpacking & Sorting	200 Lux	Warehouse/Bulk Stores	100 Lux
Large Item Stores	100 Lux	Packing & Dispatch	300 Lux
Small Item Stores	200 Lux	Cold Stores	300 Lux
Places of Public Accessibility			
Churches & Village Halls	300 Lux		
Lighting Levels for Hospitals			
Lighting Levels for Hospitals and Health Care Centres are specialised and complex, seek guidance from the C.I.B.S.E guide for interior lighting. These levels are based on the C.I.B.S.E guide for interior lighting and cover only the most common applications.			

Recommended Lighting for offices

Lighting can be a big part of the productivity and atmosphere of the office, studies show that light can improve staff wellbeing and create a dynamic and motivating environment.

Kosnic luminaries and controls have the flexibility to use the space as needed. Offices don't always stay the same and desks often get moved around.



The variety of Emergency lighting

- Planning emergency lighting

When planning emergency lighting it is important to think of all the different types of lighting required and what areas need it. Each room, entrance and exit of a building requires a certain lux level in emergency mode. Our emergency spacing tables can help you get an idea of what you require (page...) At Kosnic our project team can also assist you with all the requirements needed. They can calculate the lux level needed and advise the best product and quantity to use.

The flexibility of the Universal Emergency Module is suitable for ALL LED class III luminaires. The Kosnic-developed Adaptive Current Control (ACC) adjusts the DC voltage output within the module's limits to the appropriate level for the luminaire. It then adjusts the current to limit the power to a maximum of 3W to ensure operation time of three hours, as specified by BS 5266.

With the extensive range of self-contained exit signs Kosnic can accommodate the emergency lighting requirements for any office. Each 3-hour emergency exit bulkhead can be maintained or non-maintained and has the necessary choice of directional graphics.

- CEW03LIL/N - Universal Emergency Module Page 23

- EESN0105S65 - Mulu IP65 exit sign bulkhead Page 32

Comfort and wellbeing

- The importance of glare control and LG7

All areas of high concentration, such as office settings, require flicker free lighting and specific lighting levels depending on what activity is being carried out. In office areas the well-being of the worker is essential for productivity. The lighting and the type of lighting used can have many effects on the working environment.

Kali-Pro panels are designed to offer ultra-low glare (UGR < 19*) levels, making them perfect for the office environment. This is achieved by the use of a specially designed optical film, which consists of a matrix of micro lenses that reduce the light emitting angle from the panel. This is extremely important (and beneficial) when it comes to meeting CIBSE guidelines and LG7 for office lighting installations.

- KLED3627PNL - Kali-Pro premium LED panel page 39

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

Advancing energy efficiency

Kosnic offer a wide selection of adaptive controls, gears and motion sensors to suit the flexibility of any type of office. By eliminating the need of manually adjusting numerous lighting switches within an office area, can massively increase the energy efficiency and contribute to the productivity of staff. Studies show that by having the right light levels in an office area can increase productivity.

Adaptive controls - To help control the lux levels in an office use the daylight harvesting control near windows, the driver automatically adapts the lighting to the ambient conditions by dimming the panel output to maintain the required illumination level, saving even more energy.

Control gears/motion sensors - For less frequently used rooms such as small meeting rooms having automatic motion sensors enable simple energy saving solutions. The CYANIRIS Microwave Presence Sensor for LED Panels uses light only when and where you need it. The sensor automatically switches the panel on and off and it also has a built-in light sensor which can be used to prevent the panel from switching on above a set lux level.

Using the wireless Radio Frequency controlled LED Drivers in boardrooms and meeting rooms allows the user to control the light levels with a remote. The remote controls can operate up to 4 different sets of drivers and luminaires allowing the user to control the light levels where the focus needs to be.

- CYS-PRS-PNL - Presence Sensor Page 47

- CYS50DLH-PNL - Daylight Harvesting Control Page 48

- CYC05RFC25-150 - EasyLINK® wireless driver Page 54



What is emergency lighting

UK legislation requires all occupied business and public building escape routes and exits to have a minimum of one lux of light in an emergency situation to allow a safe exit should the mains power fail. In an emergency it is required that all emergency luminaires have power for at least 3 hours and the light output is roughly 10% normal light levels.

The Fire Precautions (Workplace) Regulations 1997 & BS5266 part 1 - require building owners to test emergency lighting systems regularly and maintain them in proper working order.

What is Self-Test? (also commonly known as AutoTest)

Self-Test emergency luminaires have a built in system that automatically carries out routine testing to ensure they are working well and have no system errors; they automatically signal if there is a fault that requires action. By removing the need to test the luminaire manually, Self-Test is highly cost effective.



Maintained and Non-Maintained Luminaires

Maintained luminaires operate as normal light fittings during everyday operation and can be controlled with all other luminaires in the area.

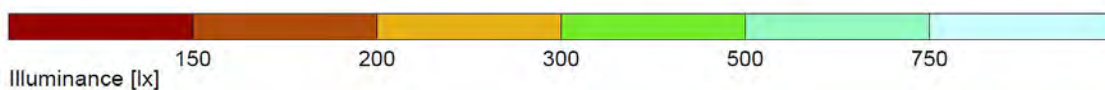
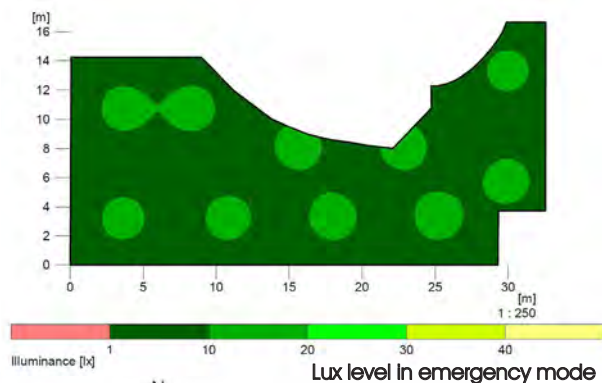
Non-maintained Luminaires

Non-maintained luminaires remain off during everyday operation, only illuminating when mains power fails.

Kosnic Project Team Scheme with emergency lighting added

Type No. Make

1	9	Kosnic Order No. : KTWB30PNL-W40 Luminaire name : 30w LED Twin Bar Panel - Cool White Equipment : 1 x LED 30W / 3200 lm
2	3	Order No. : KTWB30PNL-W40 Luminaire name : 30w LED Twin Bar Panel - Cool White Equipment : 1 x LED 30W / 3200 lm



DALI/PUSH/1-10V dimming: What's the difference and which to choose?

A range of our luminaires can be used with a choice of dimmable drivers. Below is an explanation of the differences between the most common types of dimming controls to help you choose the option that best suits your requirements. As always for more information please refer to the datasheet of the product you are wishing to add a dimming system to.

DALI (Digital Addressable Lighting Interface)

These dimmer switches use a digital protocol to send a dimming control signal to a driver down separate wires to the mains supply. They do not directly control the energy passed to the driver. Lamps are never (directly) DALI dimmable. DALI is a standard so any DALI dimmer switch will work for a DALI dimmable driver.

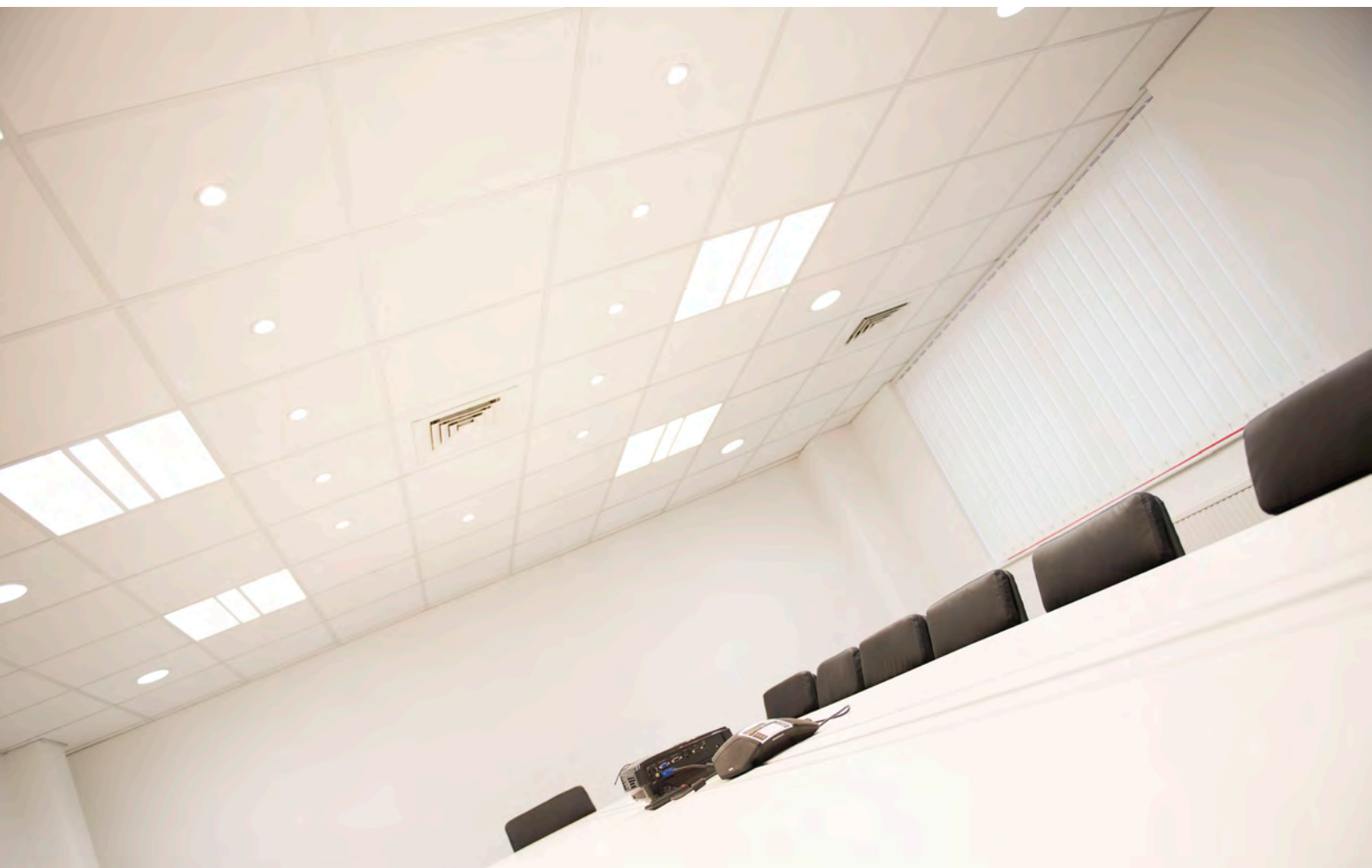
PUSH Dimming (Switch Dim, Analogue)

A dimming method using a simple retractive (non-latching) switch. The input from the switch to the driver is in addition to the main power supply to the driver. With Primary PUSH dimming, an additional live with a retractive switch and a neutral are connected to the driver. Normally a short push of the switch turns the driver on/off, while a long push dims up and down. The switch operation is the same with Secondary PUSH dimming but the supply to the switch comes from and returns to the driver via the retractive switch, usually at a reduced voltage. PUSH dimming may also be called Switch DIM.

1-10V Dimming (analogue)

These dimmer switches are similar to DALI but use an extra low voltage analogue control signal (1-10V) to a driver on separate wires to the mains supply. They do not directly control the energy passed to the driver. Lamps are never directly 1-10V dimmable. 1-10V is a standard so any 1-10V dimmer switch should work for a 1-10V dimmable driver. 1-10V dimming systems require a switch that controls the mains supply on/off and the separate 1-10V dimming signal

Dimmable Switches – for our dimmable drivers there is NO set recommended dimmer switch. All you will need is a DALI switch for a DALI driver, a 1-10V switch for a 1-10V driver and a retractive switch for PUSH dimming. For more detailed information on the switches, such as the number of switches needed per install we always recommend going to the manufacturer's documentation.



Glossary

1-10V Dimming:

Simple yet reliable electronic lighting control system used to communicate between controller and device, through the use of two low voltage wires in addition to power supply cables. A similar protocol to DALI but with a control signal of DC voltage that varies between 1-10V.

Accent Lighting:

Using a light source to directly highlight an object or part of a specified area using a beam angle less than 90°.

Ambient Temperature Range (or Operating Temperature):

The temperature of the environment where an LED light source is installed. Operating an LED light source beyond the specified operating temperature will lower the LEDs life span.

Beam Angle:

The angle at which light is distributed or emitted between two imaginary lines radiating from the face of the light source. At this point, the intensity of the light is 50% of the central intensity. Light output is not restricted to this beam.

Cap (or Lamp Base):

The part of the lamp that is used to make contact with and conduct electricity in a luminaire. Common types of domestic cap include threaded E27 and E14, bayonet B22 and B15, G9 capsule and GU10. The cap type also determines the voltage supply that can be connected and differentiates between mains voltage and lower safety voltages.

COB LED:

Chip on Board LED technology that interconnects bare LED chips to a substrate material by conductive or non-conductive adhesive. Electrical connection is achieved with wire bonding, packaged together by silica gel, epoxy resin or other materials. The COB system provides several related benefits such as greater flexibility in design, better light distribution, better colour mixing and a simpler manufacturing process.

Colour Rendering Index (CRI):

A measurement of the amount of colour shift an object undergoes when illuminated by a light source. This is compared with the colour of the same object seen under a reference light source of comparable temperature. LED light CRI values generally range from 60 (average) to 90 (best). High CRI equates to more natural colour.

Luminous Flux (lumen or lm):

The rate of light emitted by a light source, measured in lumens. Directional lamps (such as spotlights) must now state the useful luminous flux, which is the luminous flux measured within a restricted cone of 90° angle. This differs from total luminous flux, which measures total light output in all directions.

Correlated Colour Temperature (CCT):

Expressed in degrees Kelvin (K), it is the colour of a light source relative to a reference source at a particular temperature. Incandescent lighting typically has a low colour temperature of around 2800K and gives an orange tone known as Warm White. Cool White is rated at around 4000K and contains less of the yellow light. Lamps of 6000K and above tend to have more blue in the spectrum and are often referred to as Daylight.

Current:

The flow of electrical charge through a circuit, measured in Amperes. With alternating current (AC) the movement of electric charge periodically reverses direction. With direct current (DC) the flow of electric charge is only in one direction. It is important to match the voltage and current of the power supply or driver to the light source.

DALI:

DALI (Digital Addressable Lighting Interface) is a standard protocol for controlling lighting. The system transfers control signals between controller and device (such as dimmable DALI LED drivers) via two low voltage wires in addition to the power supply cables.

Dimmable:

The facility to reduce the light level of a lamp or luminaire through an external control device. With dimmable LED lamps it is important to realise that not all dimmer switches will provide effective, smooth and flicker free dimming therefore guidelines on compatibility should be consulted.

Energy Class:

The energy efficiency of the product is calculated from the wattage, useful luminous flux and some correction factors. Classes range from A++ to G according to formulas in EU directives, with A++ being the most energy efficient and G the least efficient.

Equivalent Wattage:

The wattage of an equivalent incandescent lamp. This is calculated from the useful luminous flux and beam angle once correction factors have been applied, in formulas specified by EU directives according to technology type.

Fire Rated:

Building regulations specify that divisions between certain properties and functional spaces are separated by partitions (such as fire rated ceilings) in order to slow the spread of fire. When a cut out is made for a downlight or recessed luminaire, the product itself must be suitably fire rated in order to maintain the integrity of the ceiling's fire rating.

UGR:

UGR (Unified Glare Ratio) is a method used to evaluate the direct glare from luminaires in a room when assessing the entire lighting installation at a defined observer position.

Lux (or Illuminance):

The amount of luminous flux falling on a surface measured in lumens per metre², lm/m² or lux.

IP Rating:

An IP rating (Ingress Protection) is a two digit code given to an electrical item to indicate the degree of protection afforded by the enclosure. The first digit represents protection against penetration by solid objects accessing hazardous parts, the second describing the enclosure's protection against the ingress of water. IP44 is protection from objects over 1mm and water splashing from multiple directions, IP65 indicates protection from dust and low pressure jets of water.

LED:

LEDs (Light Emitting Diodes) are solid state devices that do not require the heating process of a filament to create light. Instead, electricity is passed through a chemical compound that once activated generates light. LEDs are not lamps in themselves, they require assembly with ancillary component parts and connection to a circuit board. This will allow electricity to pass through at a specified voltage and current while managing heat dissipation.

PIR Sensor:

PIR (Passive Infrared) sensor is an electronic device that detects the infrared radiation emitted from an object in its field of view. They are most often used in motion detectors and rely on line of sight to detect movement.

Lifetime:

This usually refers to the average operational life of a light source until failure, or at a specified lumen maintenance level. A lifetime expressed as L70B50 would be defined as the average time until 50% of the samples fail or drop to a lumen maintenance level of 70%.

Lumen Maintenance:

How well a light source retains its intensity over an extended period of time when compared to new. Typically, a high power LED lamp will retain 70% of its intensity for between 30,000 and 50,000 hours. This means a good quality LED lamp will run for 8 hours per day for 13 years at 70% of its original intensity compared to new. No other type of light source can do this.

Luminaire:

A luminaire is a light fixture or fitting used to create artificial light through use of a replaceable or non-replaceable lamp. The lamp requires a luminaire to connect to a power supply but a luminaire does not necessarily require a lamp.

PUSH Dimming:

A dimming method using a simple retractive (non-latching) switch. The input from the switch to the driver is in addition to the main power supply to the driver. With Primary PUSH dimming, an additional live with a retractive switch and a neutral are connected to the driver. Normally a short push of the switch turns the driver on/off, while a long push dims up and down. The switch operation is the same with Secondary PUSH dimming but the supply to the switch comes from and returns to the driver via the retractive switch, usually at a reduced voltage. PUSH dimming may also be called Switch DIM.

SMD LED:

An SMD (Surface Mount Device) is a simple, low profile LED suitable for mounting on a PCB. The LEDs are powerful and bright with a long lifespan, but should be arranged in arrays to achieve the illumination level expected from luminaires and lamps.

Maintained / Non-Maintained**Emergency Luminaire:**

A maintained emergency luminaire may be energised at all times. A non-maintained emergency luminaire is only energised when the power supplied to normal lighting fails.

Microwave Sensor:

An automatic lighting control that detects when an area is occupied to switch lighting on. Microwave sensors transmit an inaudible microwave that can penetrate non-metallic objects such as glass and plastic, monitoring reflections from walls or objects in the room irrespective of heat or light. Line of sight issues do not affect microwave sensors as any solid object movement changes the pattern of the reflections and activates the sensor. This enables them to be enclosed for protection, creating sensitive devices that are activated by motion and unaffected by temperature and climate.

LED Driver:

Control gear that maintains a constant electrical supply to an LED light source. This includes circuitry to rectify the alternating current supply into direct current and convert the voltage to an appropriate value.

Power Factor:

The ratio of real power used to do work to the apparent power supplied to the circuit, which is caused by the voltage and the current being out of phase with each other. A load with a low power factor draws more current than a load with a high power factor for the same amount of useful power transferred.

Voltage:

The potential difference in electrical charge between two points in an electrical field. The greater the voltage, the greater the pressure of electrical current. As with current, the voltage can be direct or alternating. However, direct voltage maintains the same polarity while the polarity reverses direction periodically in alternating voltage. The number of complete cycles per second is the frequency. Many products run directly from the normal alternating current at mains supply voltage but some products require a lower voltage supply. In this case, an LED driver is required between the mains voltage supply and the lamp or luminaire to supply an appropriate lower voltage.

Wattage (Power/Load):

This is the rate of energy consumed by an electrical device in operation, expressed as Watts. It is related to voltage and current by the following formula: Voltage x Amps x Power Factor = Watts. The total amount of energy used to run an electrical device is calculated as wattage x hours used.

Warranty Policy

LED Lighting Product Warranty:

Kosnic Lighting Ltd warrants that all LED lighting products comply with their published specifications and are free from defects in materials and workmanship for the respective periods of time set forth below.

Kosnic LED lighting products with rated life of greater than 25,000 hours are warranted for 3-5 years dependant on product type. Other Kosnic LED lighting products are warranted for 2 years. All CFL and halogen Kosnic Lighting products are warranted for 1 year. All Luminaire premium products (as described in the Evolve catalogue) are warranted for 5-7 years dependant on product type. An extended 5/7-year warranty can be offered on other products if the 'Application for an extended 5/7-year warranty form' is approved. All standard product warranty terms can be found in the Evolve catalogue. Should a Kosnic LED lamp or luminaire fail within the warranty period from the invoice date, Kosnic will provide replacement products free of charge. The acceptance of any claim under this warranty is subject to our warranty terms and conditions.

If the product is no longer available, Kosnic will provide the closest alternative product or the value of alternative product at its absolute discretion. If a close alternative product is not available, Kosnic will reimburse the warranty holder with the last price paid for the original product. The obligation to replace any product under the terms of this warranty shall only apply where it has been used for its intended or ordinary purpose and provided always that the following conditions have been met:

Kosnic LED products must be installed correctly, in accordance with the product information detailed on our packaging, instruction sheets, product data sheets and best industry practice.

Kosnic LED products under this warranty should not be operated over 5000 hours per year on average within the warranty period. If the Kosnic LED product is intended to be used for more than 5000 hours a year, a separate Warranty will be issued upon request.

Kosnic LED products are designed to operate within the following parameters:

Ambient Temperature: -20°C to +40°C

Relative Humidity: <80%

LED Lamps Fitted Into Open 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 of Sales.

"The Goods" means the goods agreed to be supplied by the Company.

"The Purchaser" means any firm or company that has agreed to buy the goods. The company reserves the right to amend the Conditions. All quotations are made and all orders are accepted subject to these conditions.

Quotations & Orders

(a) The Company reserves the right to withdraw its offer or revise Purchaser's acceptance of a quotation unless such quotation is stated to be open within a certain period of time. Any sample submitted to the Purchaser is returnable as long as the sample is in a resalable condition.

(b) The Company reserves the right to accept or cancel orders, as well as to cancel the balance of any uncompleted order or to suspend delivery in the event of any of the Purchaser's commitments to the Company not being met or if the Company is of the opinion that such commitment will not be met by the Purchaser.

Prices

(a) All prices quoted are net and subject to VAT, where applicable, at the standard rate as published by HMRC at the time of supply

(b) The price payable for the Goods will be the price as agreed between the Company and the Purchaser or, if there is no agreement as to price, the Company's list price ruling at the date of invoice.

(c) The Company reserves the right to place any of its products on promotion at any time and subsequently withdraw product promotions at any time. The Company cannot be held responsible for orders placed on the standard pricing terms before and after the promotional activity.

Payment

(a) Unless otherwise agreed in writing, payment in full is due on the date of the Goods being dispatched.

(b) A 30-day account may be made available to the Purchaser subject to the Company's acceptance, at its sole discretion, of a satisfactory credit account application from the Purchaser.

(c) In the event of default in payment by the due date, the Company reserves the right to charge late payment interest on the overdue amount at the stated statutory rate per annum as published by HMRC plus the prevailing bank base rate of interest as published by HSBC Bank Plc from the point when the payment becomes overdue.

Descriptive matter and Illustration

(a) All descriptions and illustrations and particulars of weights and dimensions and performance criteria issued by the Company in catalogues, price lists, advertising matter and specifications are by way of general descriptions and approximate only, and shall not form part of any contract or give rise to any liability on the part of the Company.

(b) It is the policy of the company to endeavour to develop and improve its products, and accordingly the Company reserves the right to change all specifications without prior notification or public announcement pursuant to such policy, provided that nothing in this Clause shall oblige the Purchaser to accept goods which do not reasonably comply with the contract.

Delivery

(a) The delivery fee is included in the price quoted, unless advised otherwise.

(b) All times or dates for delivery of the goods given by the Company are approximate only and shall not be of the essence of the contract.

(c) The purchaser will sign the Company's delivery note for the receipt of the Goods. If the Purchaser signs "unexamined" the Company will deem this to be an acknowledgement of the receipt of all pallets boxes, cartons or packages specified in the delivery note in good condition.

Storage

If the Company does not receive forwarding instructions sufficient to enable it to deliver the goods within 14 days after the date of notification to the Purchaser that they are ready for dispatch, the Company shall be entitled to arrange storage whether as its own premises or elsewhere on the Purchaser's behalf whereupon risk in the goods shall pass to the Purchaser. The purchase price of such goods shall become payable by the Purchaser and all costs of storage and insurance of the goods shall be payable by the Purchaser

Loss or damage in transit

(a) Except where the Purchaser collects the goods from the Company, the Company will credit in full any goods damaged in transit or not delivered in accordance with the Delivery Note, provided that this has been clearly indicated on the relevant documentation at the time of delivery.

(b) Where an entire delivery has not been received the Company will credit all items in full provided that the Company has received written notification within 10 working days of the date of invoice.

Returned goods

The Company will only accept the return of the Goods if they are faulty, have been damaged in transit between the Company and Purchaser or if the wrong goods have been delivered. In no other circumstances will goods be accepted as returned. The cost of carriage for returns is at the expense of the Purchaser.

Force Majeure

The Company shall bear no liability for any loss or damage suffered by the Purchaser if the Company is prevented from fulfilling a Purchaser's order as a result of industrial dispute or any cause beyond its reasonable control or any liability of the Company to procure materials required for the performance of the order. The Company shall suspend or make partial deliveries or extend the time or times for delivery.

Passing of property and risk

(a) The risk in the goods shall pass to the Purchaser immediately on delivery of the goods to the Purchaser.

(b) Notwithstanding delivery and the passing of risk, property in and title to the Goods shall remain with the Company until the Company has received payment of the full price of all Goods which are the subject of the contract and all other goods supplied by the Company to the Purchaser under any contract whatsoever.

Legal construction

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

Specline Products

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Retail and Display	Atami	Whole Range	194-197	500
Retail and Display	Avalon	Whole Range	198-203	48*
Retail and Display	Azure	Whole Range	212	24
Surface Luminaire	Codale	Whole Range	83	100
Amenity Exterior Luminaire	Epping	Whole Range	181	100
High Bay & Low Bay	Fractus	Whole Range	196	200*
Floodlight	Thorpeak	Whole Range	155	1
Floodlight	Vermillion	Whole Range	154	1
Retail and Display	Maly	Whole Range	204-207	50
Surface Luminaire	Meola	Whole Range	82	1
Linear Luminaire	Nile II	Whole Range	108-109	200
Street Light	Nix	Whole Range	163	10
Retail and Display	Tatio	KWWDL15-S30-CHM KWWDL15-S30-SLV KWWDL15-S50-CHM KWWDL15-S50-SLV	208	1
Retail and Display	Tatio	KWWDL24-B40 KWWDL34-B40 KWWDL34-S40	208	8
Retail and Display	Tatio-R	KWWDL35Q-W30 KWWDL35Q-W60	209	8

All specification products are lead time dependant as they are factory order only. To find out more details please call the sales office on 01635 523 713 or email sales@kosnic.com.

*** Some MOQ's can be negotiated, project dependant ***

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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.

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