



# Product Catalogue



E&OE

● LED Fittings ● LED Lamps ● Emergency Lighting ● In-house Manufacturing

# About Us



Welcome to Performance Lighting — one of the UK's fastest growing suppliers of high-quality LED fittings, lamps, and emergency lighting for the wholesale lighting industry.

We combine industry expertise with fast delivery, excellent service, and competitive pricing — supporting wholesalers and trade customers nationwide.

## What Can We Do?

With over 150 LED products in our range, plus in-house lighting conversion and repair services, we provide tailored solutions to meet the needs of our trade customers.

Our nationwide technical sales team brings over 60 years of combined expertise, working with more than 400 customers across the UK.

Whatever your lighting needs we're here to help.

Contact our sales team today on

0113 426 8300

[sales@performance-lighting.co.uk](mailto:sales@performance-lighting.co.uk)

Follow us on



[www.performance-lighting.co.uk](http://www.performance-lighting.co.uk)



# We pride ourselves on



## Exceptional Product Quality

All products are built with high-quality components and designed for easy installation.



## Stock Availability

Ample stock to ensure timely nationwide fulfilment.



## Customer Support

In-store events and customised POS materials.



## Industry-Leading Guarantee

Giving you confidence and peace of mind with every purchase.



## Next Day Nationwide Delivery

Get what you need, when you need it.



## Dedicated Account Management

Personalised support for every customer.

## Industry Accreditations

Performance Lighting is a proud member of the Lighting Industry Association (LIA), Recolight, and EnabLED, demonstrating our commitment to industry standards and sustainability.



EnabLED  
Enabling Program for LED  
Luminaires and Retrofit Bulbs  
Member  
Performance Lighting Limited



# Bespoke In-house Manufacturing & Conversion Services

Since 2018, we've supported clients across the UK with fast, reliable and fully tested lighting conversions and assembly solutions – all completed in-house at our 8,000 sq ft Leeds facility.

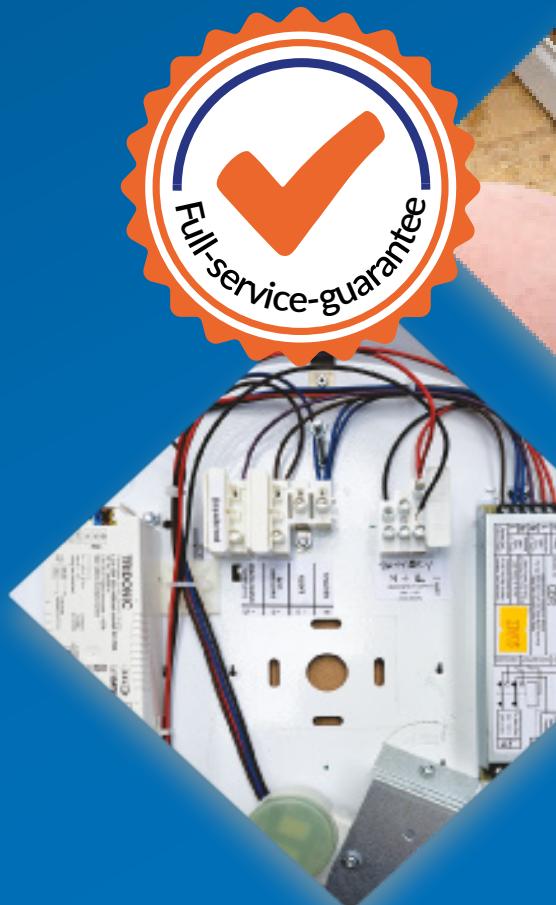
From a one-off emergency upgrade to 100+ unit refurbishments, we deliver flexible, high-quality results – on time and backed by full guarantees.

## What we offer

- 💡 Emergency Conversions – including Standard, Self-Test and Dali
- 💡 Dimming Options – Dali, 1-10V, Mains Dimming
- 💡 Self-Test & Central Battery Systems
- 💡 Own Brand Product Assembly & Subcontract Manufacturing
- 💡 Repair & Refurbishment

## Why choose us?

- ✓ All work completed in-house by skilled technicians
- ✓ Branded gear and components from leading industry brands
- ✓ Collection & delivery across the UK
- ✓ 100% testing before dispatch
- ✓ Full-service guarantee
- ✓ Fast turnaround for trade & commercial clients nationwide

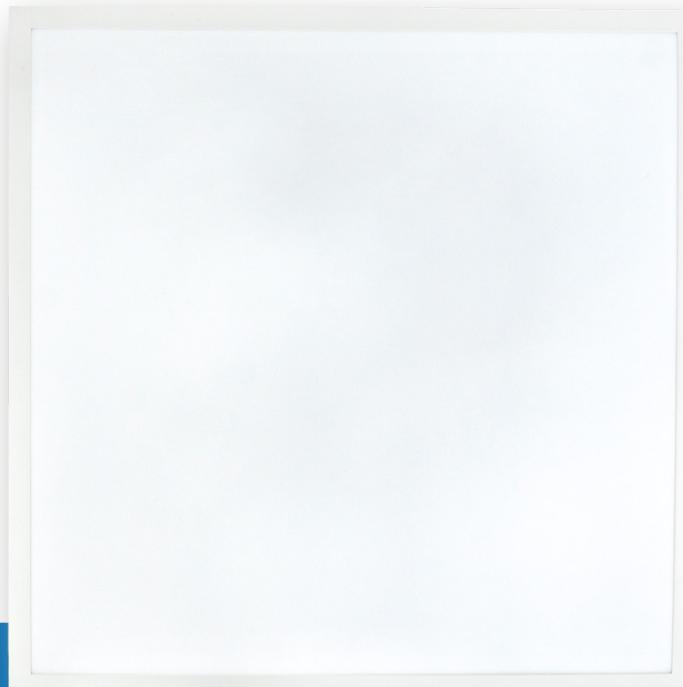




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LED Panels



### CARIDA Backlit LED Panel

Carida is our series of Backlit LED Panels, combining excellent design and great reliability. All are available in dimmable and emergency options.



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# LED Lighting

*Performance without compromise*

Versatile, efficient, and built to last – most Performance Lighting product comes with a 5 Year Warranty and is trusted by professionals across the UK.

Proven Quality. Proven Expertise.

We proudly serve over 400 customers nationwide, offering a diverse range of 150+ premium LED lighting solutions designed for performance and reliability.

LEDA Batten



ORION LED  
Bulkhead Fitting



CARIDA Backlit Panel



## Energy Saving / Sustainability

High Lumen Efficiency – Our LED solutions deliver higher lumen output using the same power, ensuring brighter results with reduced energy consumption.

From industrial to commercial spaces, Performance Lighting helps you save energy without compromising illumination quality.



Energy  
Saving

# Emergency Lighting You Can Trust

We offer a comprehensive emergency lighting range including Exit Boxes, Bulkheads, Twinspots, and Downlights, all designed for reliability and compliance.

Whether for corridors, escape routes, or open areas, our products ensure safety and visibility when it matters most.



JUNO Corn Lamp



TITAN II Downlight



ARIES High Bay



## Phoenix / Linear Fittings

Phoenix Surface Pro Linear – the perfect choice for educational environments. Delivering consistent, high-quality illumination with outstanding efficiency.

We also offer a wide range of linear fittings with 4 power-selectable and 3CCT function, including Phoenix educational, Leda batten and Hydrus non-corrosive, providing flexibility across every project and helping to reduce stock pressure for our customers.

# IP Rating Explained

IP stands for Ingress Protection, it's a two-digit code that tells you how well a product is protected against solid objects (like dust) and liquids (like water).

## First Digit (Solids):

The first digit ranges from 0 to 6, with higher numbers indicating better protection against solid objects like dust and debris.

- 0: No protection
- 1: Protected against >50mm objects (like a hand)
- 2: Protected against >12.5mm objects (like a finger)
- 3: Protected against >2.5mm objects (like tools or wires)
- 4: Protected against >1mm objects (like small wires)
- 5: Dust protected (limited ingress permitted)
- 6: Dust-tight (no ingress of dust)

## Second Digit (Liquids):

This digit ranges from 0 to 9, with higher numbers indicating better protection against liquids.

- 0: No protection
- 1: Protected against dripping water
- 2: Protected against dripping water when tilted up to 15°
- 3: Protected against spraying water (up to 60° from vertical)
- 4: Protected against splashing water from all directions
- 5: Protected against low-pressure water jets from all directions
- 6: Protected against powerful water jets and waves
- 7: Protected against immersion up to 1 meter
- 8: Protected against submersion beyond 1 meter
- 9: Protected against high-pressure, high-temperature water jets from various angles



## Example IP65

This rating indicates that the device is dust-tight and protected against low-pressure water jets from all directions.

# Bathroom Zones



## Zone 0:

Inside the bath or shower.  
Requires IP67 or higher and must be low voltage (max 12V) to withstand complete immersion.

## Zone 1:

The area directly above the bath or shower, up to 2.25m from the floor.  
Minimum rating is IP44, but IP65 is often recommended for stronger water resistance.

## Zone 2:

Extends 60cm horizontally beyond the bath or shower, and up to 2.25m vertically. This also includes the 60cm area around a washbasin.  
Lighting in this zone should be IP44 or higher.

## Outside Zones:

Any area outside Zones 0, 1, and 2, where water is unlikely to reach. IP20 or above is generally acceptable in these dry areas.

# Colour Temperatures Explained

Colour temperature refers to the colour of light emitted by a source, measured in Kelvin (K). Most lighting falls within the white light spectrum, from warm white to daylight. Lower Kelvin values create a warmer, yellow-red tone, while higher values produce cooler, whiter or bluish light.

**3CCT**



“3CCT” stands for three Correlated Colour Temperature, meaning a single LED light fixture has a switch to select between three different, fixed colour temperatures. For example, our batten can switch from 3000K (warm white), 4000K (cool white), and 6000K (daylight).

## Different Colour Temperature for Different Spaces

Colour temperature significantly impacts the functionality and atmosphere of a space.

### 2700K – 3000K Warm White Light

Warm white lighting creates a comfortable and inviting atmosphere, making it ideal for relaxation and social spaces. This makes it ideal for homes, hotels, and restaurants, where a sense of comfort and relaxation is essential.



### 4000K – 4500K Cool White Light

In this range, the lighting becomes brighter and more neutral, making it suitable for offices, schools, and commercial spaces. This balance of warmth and clarity enhances focus and productivity while maintaining a comfortable atmosphere.



### 5000K – 6500K Daylight

For task-oriented environments, 5000K – 6500K lighting provides a crisp, energising effect, mimicking natural daylight. It is commonly used in hospitals, laboratories, and industrial spaces, where precision and visibility are crucial.



## Recommended Colour Temperature Ranges

Warm White  
2700K – 3000K

Cool White  
4000K – 4500K

Daylight  
5000K – 6500K



LEDA  
Batten  
LED Fitting

See page 48



PHOENIX  
Pro Educational  
LED Surface  
Linear Fitting

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# What is TP(a) / TP(b) in Lighting?

In the UK Building Regulations (Approved Document B: Fire Safety), TP(a) and TP(b) are official classifications that describe the fire performance of thermoplastic lighting diffusers. These diffusers — commonly used in LED panels and downlights — are tested to determine how they react to heat and flames, helping ensure safety in commercial and residential lighting installations.



## TP(a) – Thermoplastic

TP(a) rated diffusers are considered the safer option in terms of fire performance.

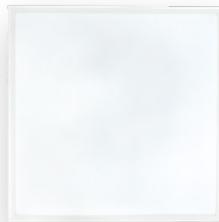
To qualify, material must:

- Self-extinguish within 5 seconds after the flame source is removed.
- Or alternatively, they are automatically classified as TP(a) if made from polycarbonate with a minimum thickness of 3mm.



## TP(b) – Thermosetting Plastic

TP(b) rated materials may continue to burn after the ignition source is removed, but at a rate not exceeding 50mm per minute.



**CARIDA 600x600  
Backlit TP(a) LED  
Panel**

[See page 16](#)



**ANILLO  
Round TP(b) LED  
Panel**

[See page 30](#)

# Where can these different diffusers be used?

## Where can TP(a) be used?

TP(a) diffusers are considered highly fire-resistant, and TP(a) diffusers have no restriction on their use in ceilings or circulation areas, except in Protected Stairways (staircases leading to a final fire exit), where no thermoplastic material may be used as part of the ceiling structure.

## Where can TP(b) be used?

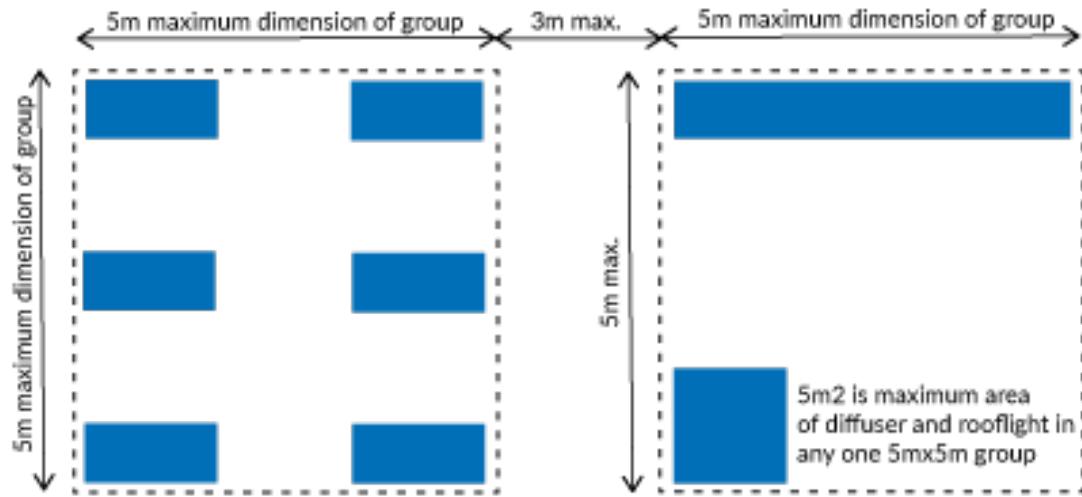
TP(b) diffusers have usage limitations due to lower fire performance compared to TP(a).

In rooms, individual TP(b) diffusers must not exceed  $1m^2$ , and the combined area of all diffusers must not exceed 50% of the room's floor area.

In circulation spaces, diffusers must not exceed  $5m^2$  each, and the total coverage must be limited to 15% of the floor area.

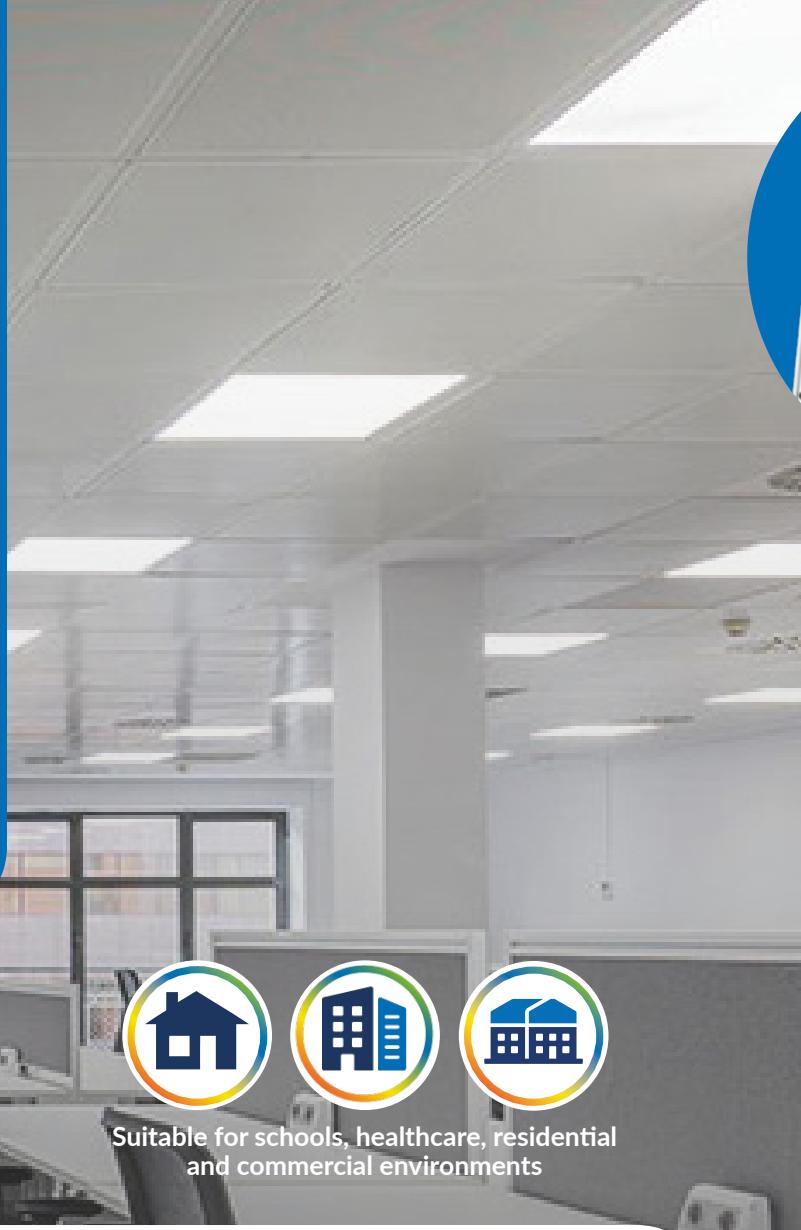
TP(b) diffusers must also be spaced apart by at least their largest dimension.

TP(b) diffusers are not permitted in Protected Stairways, either.



# CARIDA 600x600 Backlit TP(a) LED Panel

Our Carida Backlit LED Panel is a 30W high-performance lighting solution ideal for offices, schools, healthcare and residential spaces. Available in 3000K, 4000K, 5000K, and 6000K, it offers flexible colour temperature options to suit any environment. Backed by a 5 Year Warranty, the panel also comes with emergency and dimmable versions to suit a wide range of applications.



Suitable for schools, healthcare, residential and commercial environments



Emergency Pack  
available see page 78



Also available to order LED Panel Accessories



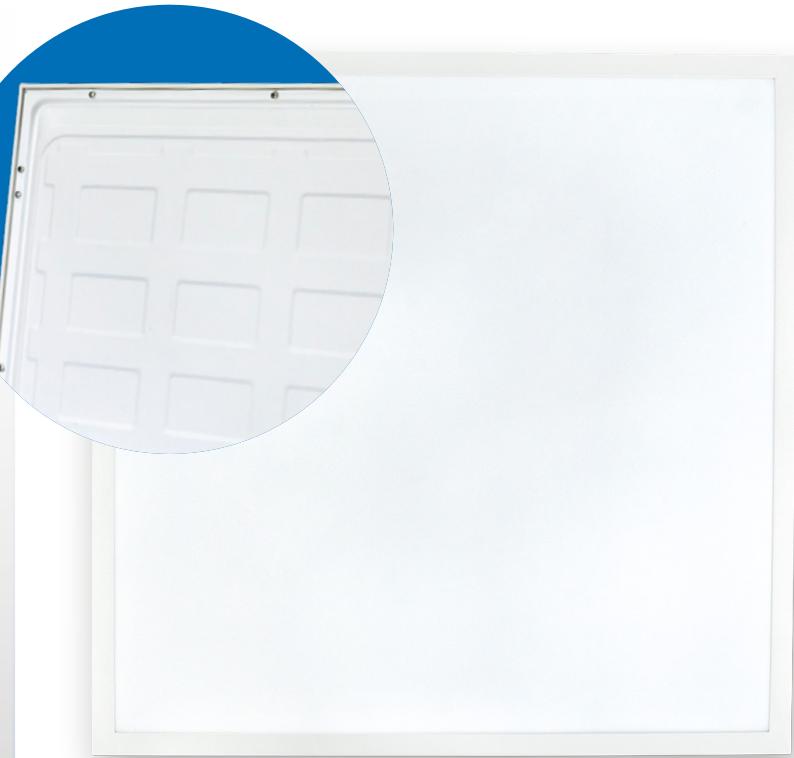
Surface Mounting Kit



Recessed Mounting Kit

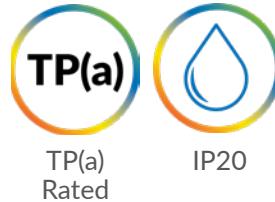


Suspension Kit

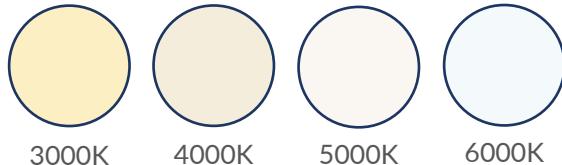


## Features

- Available in 3000K/4000K/5000K/6000K
- 120lm/w output
- 5 Year warranty
- TP(a) rated
- High-quality integrated back-lit LED chips
- Easy to install
- Emergency and dimmable versions available



### Colour Temperature



3000K

4000K

5000K

6000K

### Available Options



Mains  
Dimmable

Push/Switch  
Dimmable

Dali  
Dimmable

1-10V  
Dimmable

Emergency  
& Self Test

Code	Wattage	Colour Temperature	Lumens	Size (mm)
100001	30W	3000K	3500lm	595x595x32
100002	30W	4000K	3600lm	595x595x32
100051	30W	5000K	3600lm	595x595x32
100003	30W	6000K	3700lm	595x595x32

# CARIDA ECO 600x600 Backlit TP(b) LED Panel

Our high-performance LED panel, Carida, is now available in a more cost-effective version - Carida Eco.

In cool white (4000K) and Daylight (6000K) with a TP(b) diffuser, it's perfect for offices, schools, corridors, and other commercial spaces.

With a 3-year warranty and the same reliable performance, Carida Eco is the smart choice when budget matters.



Suitable for a range of environments including offices, schools, corridors, and other commercial spaces.



Emergency Pack  
available see page 78



Also available to order LED Panel Accessories



Surface Mounting Kit



Recessed Mounting Kit



Suspension Kit



## Features

- Available in 4000K/6000K
- 120lm/w output
- 3-Year warranty
- TP(b) rated
- High-quality integrated back-lit LED chips
- Easy to install
- Emergency and dimmable versions available

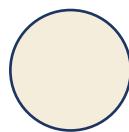


TP(b)  
Rated

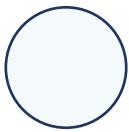


IP20

### Colour Temperature



4000K



6000K

### Available Options



Mains  
Dimmable



Push/Switch  
Dimmable



Dali  
Dimmable



1-10V  
Dimmable



Emergency  
& Self Test

Code	Wattage	Colour Temperature	Lumens	Size (mm)
100102	30W	4000K	3600lm	595x595x32
100103	30W	6000K	3600lm	595x595x32

# What is UGR (Unified Glare Rating)?

Unified Glare Rating (UGR) is a numerical measure used to evaluate visual discomfort caused by glare from artificial lighting within an indoor environment.

Defined under EN 12464, it helps designers assess how likely a lighting installation is to cause discomfort to occupants based on the brightness of Luminaires, background luminance, and the observer's line of sight.



## Understanding the UGR Range

The Unified Glare Rating (UGR) scale ranges from 5 to 40, representing how noticeable and uncomfortable glare can be within an indoor environment. A lower UGR value indicates minimal or imperceptible glare, while higher values signify increasing visual discomfort.

**In practice, UGR limits can vary depending on the environment and type of task, and the following values are generally recommended as guidance to maintain visual comfort in typical applications:**

**UGR ≤10** – Imperceptible glare

**UGR ≤13** – Barely perceptible

**UGR ≤16** – Noticeable but still comfortable

**UGR ≤19** – Just acceptable for office and educational use

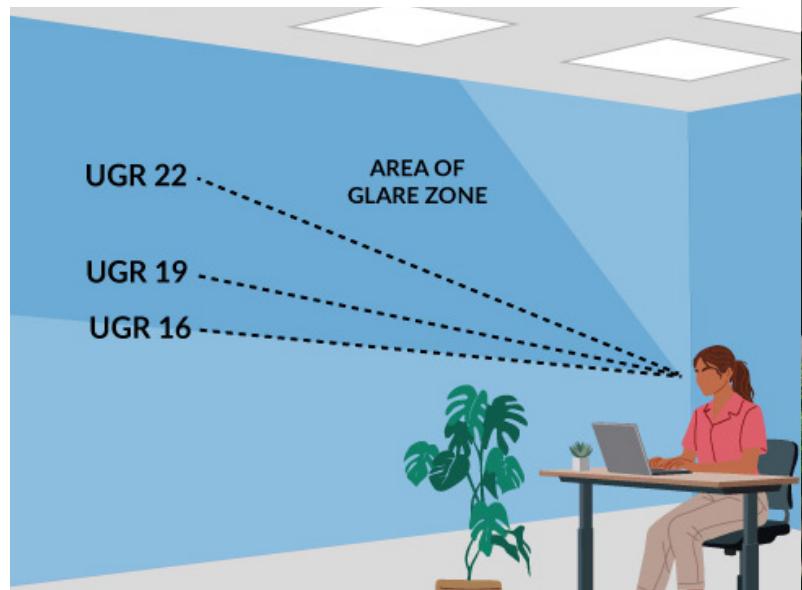
**UGR ≤22** – Suitable for craft or light industrial work

**UGR ≤25** – Acceptable for heavy industry

**UGR ≤28** – Tolerable for foyers, railway platforms, or similar open spaces

In practical terms, a UGR under 13 will create no noticeable glare, whereas values above 28 are likely to cause distraction and discomfort.

For most workplaces – particularly offices, classrooms, and computer-based environments – lighting should achieve a UGR below 19 to maintain visual comfort and productivity.



# Why UGR Matters in Lighting Application?

Glare control isn't just about visual comfort - it's about well-being, productivity, and safety.

A lower UGR value means reduced glare and greater visual comfort - essential for creating productive, safe, and pleasant environments.

## Key benefits include:

- Improved comfort and well-being – Low-UGR lighting minimises visual discomfort such as eye strain, headaches, and fatigue, ensuring a comfortable atmosphere for occupants.
- Enhanced productivity and focus – Reducing glare helps maintain concentration and visual clarity, supporting higher performance in workplaces, schools, and learning spaces.
- Greater safety – By preventing glare-related visual errors, UGR contributes to safer conditions in industrial, healthcare, and technical settings.
- Design consistency and compliance – UGR provides an objective, measurable standard (as defined in EN 12464-1) that helps lighting designers achieve consistent and comfortable illumination across different environments.

**To minimise glare and achieve a lower UGR, focus on both fixture selection and lighting layout:**

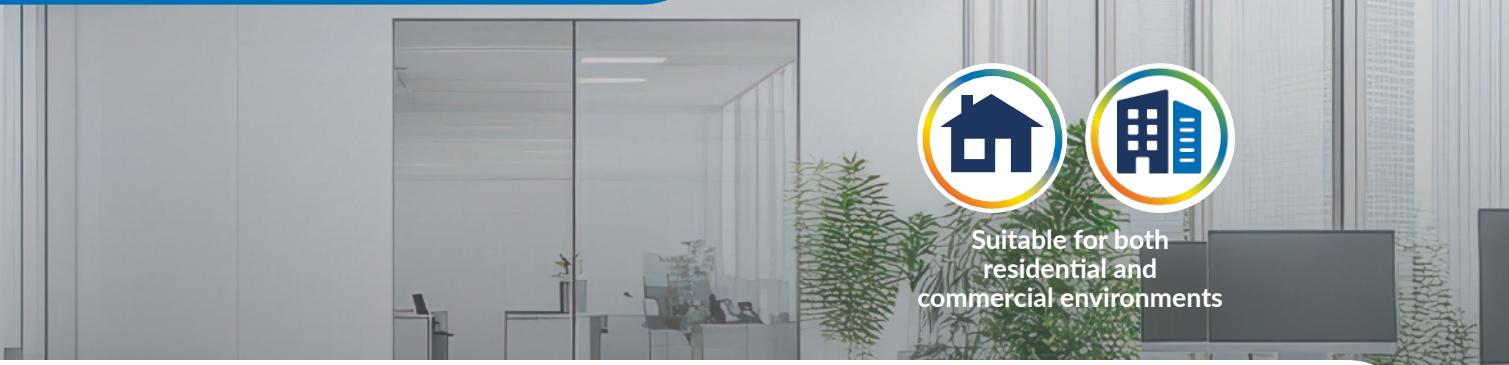
- Select low-UGR fittings – Choose luminaires with recessed light sources, diffusers, or anti-glare lenses to soften brightness and limit direct glare.
- Adjust fixture placement – Position lights outside the direct line of sight, increase mounting height, or angle fittings slightly away from occupants.
- Balance illumination – Add uplighting or indirect lighting to raise background luminance and reduce contrast between fittings and surroundings.
- Control brightness – Use dimming, lower wattage, or additional fittings at reduced output to maintain even, comfortable light levels.

At Performance Lighting, we prioritise UGR-compliant designs across our product range. The Carida UGR<19 low-glare LED panel is a perfect example – designed for commercial and educational environments where visual comfort and performance matter most.

# CARIDA 600x600 Backlit UGR<19 LED Panel

Carida UGR<19 is our top of the range Backlit LED Panel, combining excellent design and great reliability, removing unnecessary loss of light.

Our 5-year warranty UGR<19 model gives a great lumen output, a branded driver, plus TP(a) rated diffuser and low glare UGR<19.



Suitable for both  
residential and  
commercial environments



Emergency Pack  
available see page 78



Also available to order LED Panel Accessories



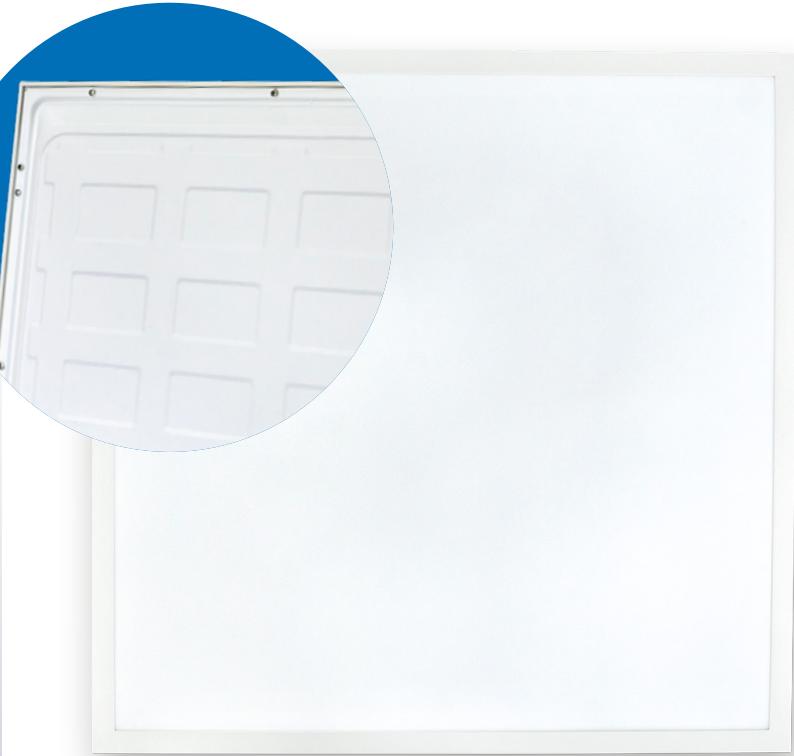
Surface Mounting Kit



Recessed Mounting Kit



Suspension Kit



## Features

- Available in 4000K
- 130lm/w output
- 5 Year Warranty
- TP(a) rated
- Low glare UGR lighting
- High-quality integrated back-lit LED chips
- Easy to install
- Emergency and dimmable versions available



TP(a)  
Rated

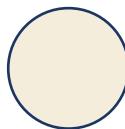


IP20



UGR<19  
low glare

### Colour Temperature



4000K

### Available Options



Mains  
Dimmable



Push/Switch  
Dimmable



Dali  
Dimmable



1-10V  
Dimmable



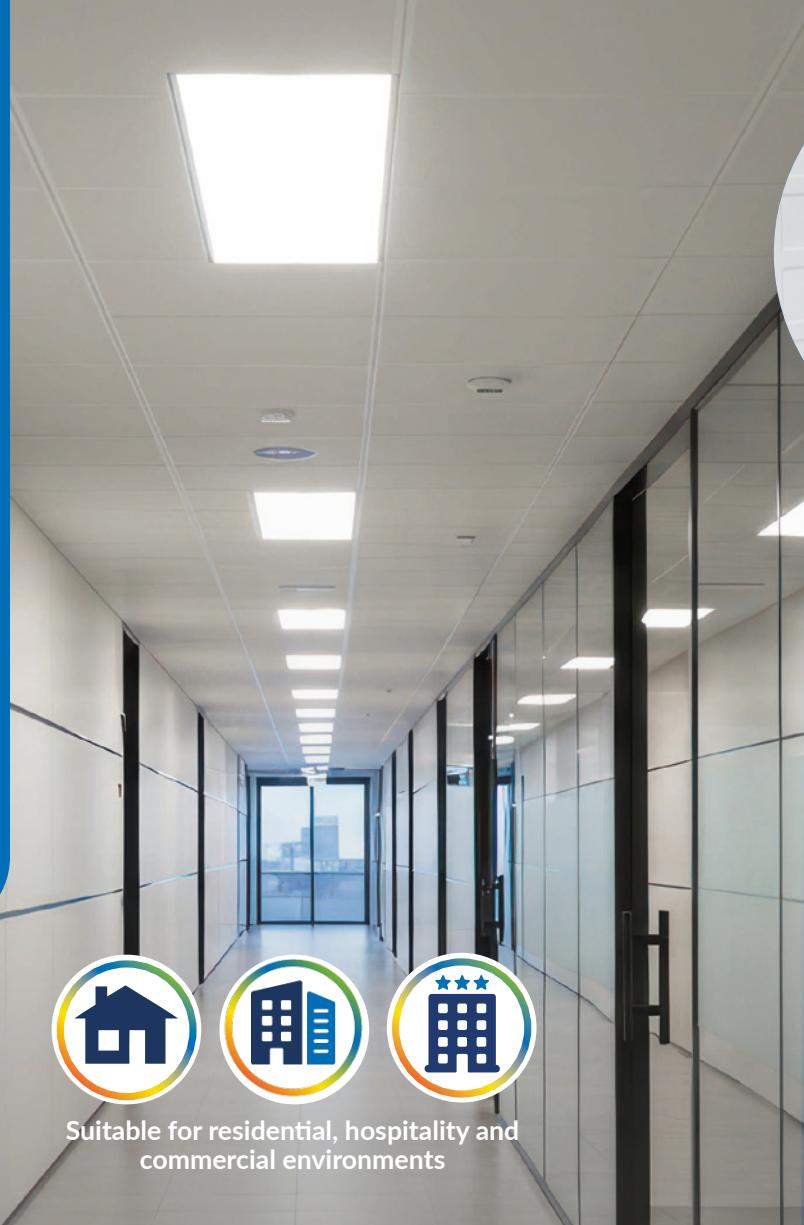
Emergency  
& Self Test

Code	Wattage	Colour Temperature	Lumens	Size (mm)
100061	30W	4000K	3900lm	595x595x32

# CARIDA 1200×300 Backlit TP(a) LED Panel 3CCT

Carida 1200×300 is our high-performance 30W high-output back-lit LED panel with 3CCT technology.

It allows you to switch between 3000K warm white, 4000K cool white, and 6000K daylight, making it a versatile solution for a wide range of commercial, residential, and hospitality environments.



Suitable for residential, hospitality and commercial environments



Emergency Pack  
available see page 78



Also available to order LED Panel Accessories



Surface Mounting Kit



Recessed Mounting Kit



Suspension Kit



## Features

- 3CCT switch  
3000K/4000K/6000K
- 120lm/w output
- 5 Year Warranty
- TP(a) rated
- High-quality integrated back-lit LED chips
- Easy to install
- Emergency and dimmable versions available



TP(a)  
Rated



IP20

### Colour Temperature



3CCT  
Switch



3000K



4000K



6000K

### Available Options



Mains  
Dimmable



Push/Switch  
Dimmable



Dali  
Dimmable



1-10V  
Dimmable



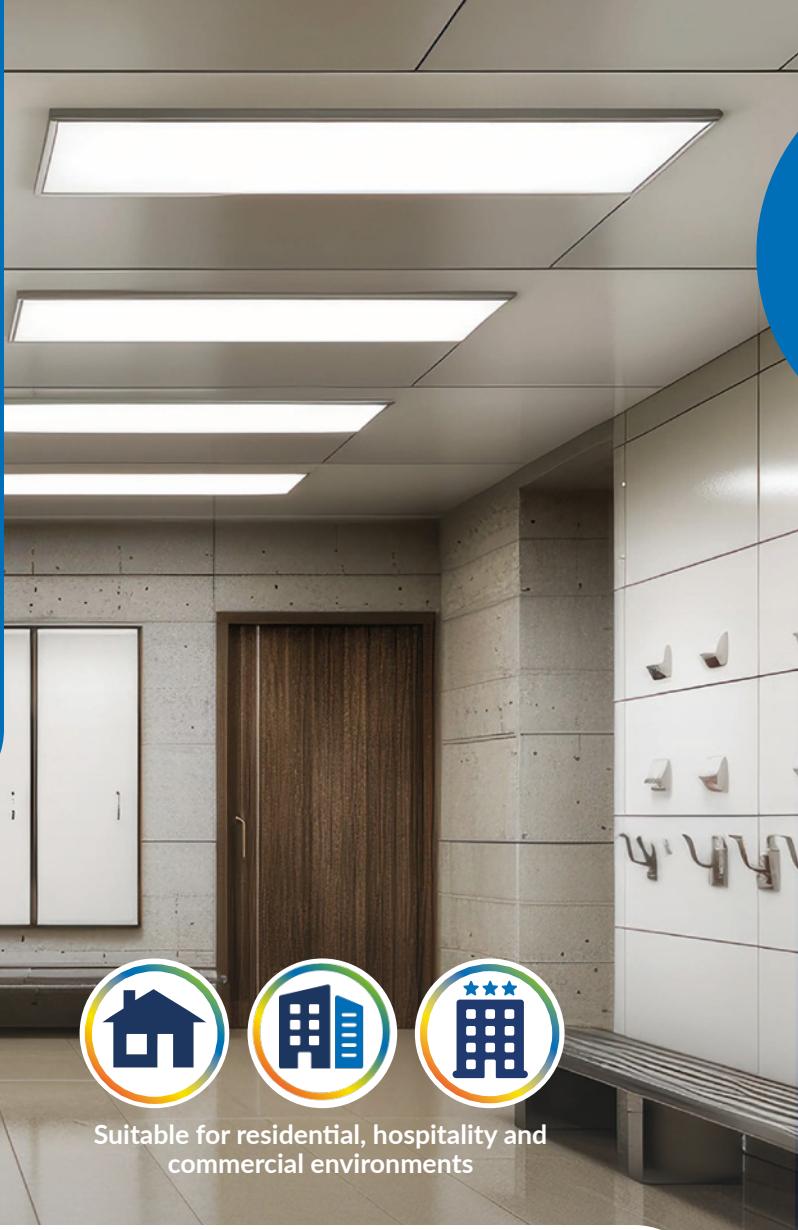
Emergency  
& Self Test

Code	Wattage	Colour Temperature	Lumens	Size (mm)
100043	30W	3000K/4000K/6000K 3CCT	3500lm/3600lm/3700lm	1195x295x32

# CARIDA 1200×600 Backlit TP(a) LED Panel 3CCT

Carida 1200×600 is our high-performance 50W high-output back-lit LED panel.

Available in 3000K/4000K/6000K, it's ideal for hospitality spaces, residential developments, and relaxed commercial environments.



Suitable for residential, hospitality and commercial environments



Emergency Pack  
available see page 78



Also available to order LED Panel Accessories



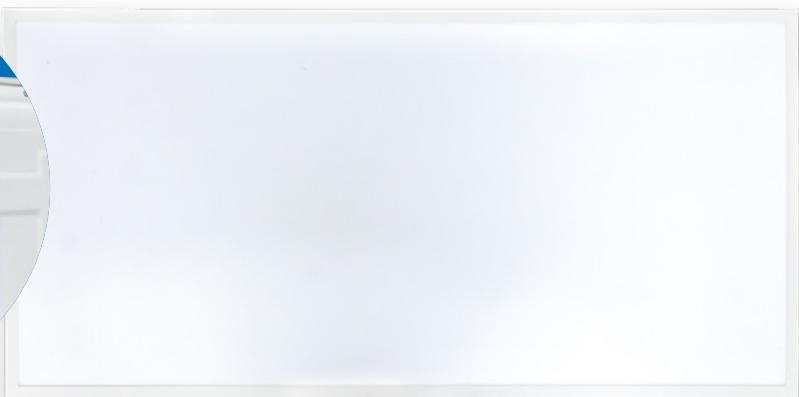
Surface Mounting Kit



Recessed Mounting Kit



Suspension Kit



## Features

- 3CCT switch  
3000K/4000K/6000K
- 116lm/w output
- 5 Year Warranty
- TP(a) rated
- High-quality integrated back-lit LED chips
- Easy to install
- Emergency and dimmable versions available



TP(a)  
Rated



IP20

### Colour Temperature



3CCT  
Switch



3000K



4000K



6000K

### Available Options



Push/Switch  
Dimmable



Dali  
Dimmable



1-10V  
Dimmable



Emergency  
& Self Test

Code	Wattage	Colour Temperature	Lumens	Size (mm)
100007	50W	3000K	5800lm	1195x595x32
100004	50W	4000K	5900lm	1195x595x32
100044	50W	3000K/4000K/6000K 3CCT	5800lm/5900lm/6100lm	1195x595x32

# VELA IP65

## 600x600

# Backlit Recessed

# LED panel

Vela is our 600x600mm backlit recessed LED panel designed for environments where durability and protection are essential.

With an IP65 rating (Front Face) and TP(a) micro-prismatic diffuser, it delivers uniform, glare-controlled illumination suitable for offices, healthcare, and other clean or humid areas.

The panel features a robust aluminium frame, flicker-free Lifud driver, and high efficacy performance, ensuring long-lasting reliability and visual comfort. Available in Emergency & all dimming options.

### Colour Temperature



4000K



Suitable for a range of environments including offices, healthcare and other clean and humid areas.



Emergency Pack  
available see page 78



Also available to order LED Panel Accessories



Surface Mounting Kit



Recessed Mounting Kit



Suspension Kit



## Features

- 25W backlit LED panel
- High lumen output: 3350lm
- Flicker-free Lifud fixed output driver
- IP65 rated (Front Face)
- TP(a) rated diffuser
- UGR<19 low glare with Micro-prismatic diffuser
- IK08 rated
- 5 Year Warranty
- Recessing kit and drop-down diffuser available
- Emergency and dimmable versions available

### Available Options



Push/Switch  
Dimmable



Dali  
Dimmable



1-10V  
Dimmable



Emergency  
& Self Test



TP(a)  
Rated



IP65



IK08 Rated



UGR<19  
low glare

Code	Wattage	Colour Temperature	Lumens	Size (mm)
100010	25W	4000K	3350lm	595x595x30

# ANILLO

## Round LED

## Panel 3CCT

The Anillo series is a versatile range of slimline, high-efficiency 3CCT LED recessed panels, designed for reliable performance across a variety of commercial settings - including offices, retail, and hospitality environments. Built with quality components, these panels offer excellent energy savings and smooth, uniform light distribution. A TP(b) rated diffuser is included to meet standard ceiling requirements without compromise.



Emergency Pack  
available see page 78



Suitable for retail, offices and  
hospitality environments



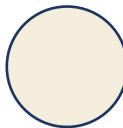
### Colour Temperature



3CCT  
Switch



3000K



4000K



6500K

## Features

- 3CCT switch 3000K/4000K/6500K
- 3 Year warranty
- TP(b) rated
- IP44 Rated
- Slimline design finished in white
- Dimmable and Emergency versions available



TP(b)  
Rated



IP44

### Available Options



Mains  
Dimmable



Dali  
Dimmable



1-10V  
Dimmable



Emergency  
& Self Test

Code	Wattage	Colour Temperature	Lumens	Cut-out (mm)	Size (mm)
100018	6W	3000K/4000K/6500K	570lm	105	120x120x22
100019	9W	3000K/4000K/6500K	855lm	130	145x145x22
100020	12W	3000K/4000K/6500K	1140lm	155	170x170x22
100021	15W	3000K/4000K/6500K	1400lm	180	190x190x22
100022	18W	3000K/4000K/6500K	1710lm	220	240x240x22
100023	24W	3000K/4000K/6500K	2280lm	280	300x300x22

# PIR and Microwave Sensors Explained

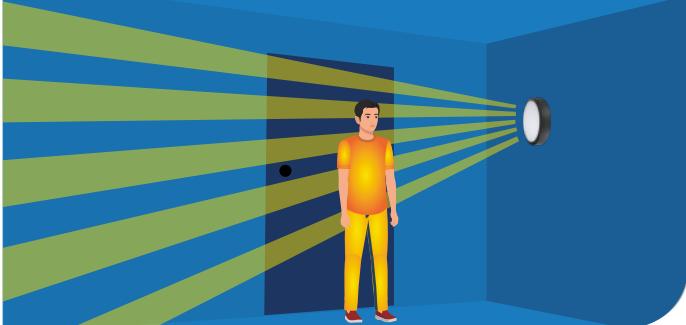
In modern lighting control systems, motion detection sensors play a crucial role in enhancing both energy efficiency and user convenience. Among these, Passive Infrared (PIR) and Microwave (MW) sensors are the two most widely used technologies. Both are designed to detect movement - such as people entering or leaving a space - and automatically control lighting to ensure illumination is provided only when needed, plus helping save energy and lower the building's electricity usage.

We offer sensor upgrades to our standard products.  
Contact our sales team for more information  0113 426 8300

## What is a Passive Infrared (PIR) Sensor and How Does It Work?

A Passive Infrared (PIR) sensor detects movement by sensing changes in infrared radiation (heat) within its field of view.

Every warm object - like a human body - emits infrared energy. When a person moves across the detection area, the difference in heat between the body and the background is captured by the sensor, triggering the lights to turn on.



## What is a Microwave (MW) Sensor and How Does It Work?

A Microwave (MW) sensor is an active motion detector that emits low-power microwave signals and measures how these signals reflect off objects in the detection area.

When a person moves, the returning signal changes due to the Doppler effect, and the sensor recognises this as motion - turning the lights on.



# Key Differences Between Microwave and PIR Sensors

Although both technologies serve the same purpose - motion-based lighting control - they differ in how they detect movement and respond to environmental conditions:

## Sensitivity:

Microwave sensors are more responsive and can detect even subtle motion, while PIR sensors depend on noticeable temperature changes and may miss smaller movements.

## Installation Flexibility:

Microwaves can pass through glass and light materials, allowing flexible placement. PIR sensors, however, require a direct line of sight and perform best without physical obstructions.

## Environmental Stability:

Microwave sensors remain stable across temperature fluctuations or air movement, whereas PIR sensors can be affected by heat changes or draughts, sometimes leading to false triggers.

## Smart Lighting Control - The Corridor Function

While PIR and Microwave sensors handle motion detection in different ways, many lighting systems combine them with a “corridor function” to achieve smarter control.

Instead of turning off completely when no motion is detected, lights dim to a preset low level and return to full brightness when movement is sensed again.

This feature helps maintain safety and comfort in areas with intermittent use - such as corridors, stairwells, and underground walkways - while also improving energy efficiency and extending LED lifespan.

## Smart Lighting Control - Daylight Harvesting

Another smart lighting strategy that complements PIR and Microwave sensor control is daylight harvesting.

This system uses light sensors (also known as photocells) to measure the amount of natural daylight in a space. When sufficient sunlight is detected, the system automatically dims or switches off the artificial lighting; as daylight decreases, the lights brighten back up to maintain a consistent illumination level.

Both PIR and Microwave sensors can be integrated with daylight harvesting control, sending signals to the luminaire to adjust brightness depending on natural light levels.

In areas with abundant daylight - such as near windows or skylights - this approach can significantly reduce energy consumption while maintaining comfort and visual balance.

# What is an IK Rating?

An IK rating is a standardised measure of a luminaire's ability to resist mechanical impact on its outer enclosure. Defined by the International Electrotechnical Commission (IEC) under standard BS EN IEC 62262, it provides a clear indication of how well a fitting can withstand physical contact, accidental knocks, or external impact. For lighting products, the IK rating helps determine suitability for demanding environments such as industrial, outdoor, or public areas, where durability and safety are critical.

## Understanding IK Ratings

The IK rating system measures how well a luminaire's enclosure resists mechanical impact. Defined under BS;EN;IEC 62262, it uses a scale from IK00 to IK10, with higher numbers representing greater impact resistance.

IK Rating	Impact Energy (Joules)	Equivalent Impact Example	Typical Application
IK00	0	No protection	Not suitable for exposed areas
IK01	0.15 J	200g weight dropped from 7.5cm	Minimal contact environments
IK02	0.20 J	200g weight dropped from 10cm	Light residential use
IK03	0.35 J	200g weight dropped from 17.5cm	Offices, low-traffic areas
IK04	0.50 J	200g weight dropped from 25cm	Light commercial use
IK05	0.70 J	200g weight dropped from 35cm	Low-risk commercial spaces
IK06	1.00 J	500g weight dropped from 20cm	Minor accidental impacts
IK07	2.00 J	500g weight dropped from 40cm	Industrial or semi-outdoor settings
IK08	5.00 J	1.7kg weight dropped from 30cm	Garages, public facilities
IK09	10.00 J	5kg weight dropped from 20cm	High-traffic or outdoor areas
IK10	20.00 J	5kg weight dropped from 40cm	Highest protection – urban and industrial sites

# Applications by IK Rating Level



The suitable application of a lighting fixture depends greatly on its IK rating, which defines how well it can resist mechanical impact.

Here's how different IK rating ranges typically apply to various environments:

## Lower IK Ratings IK04–IK06

**Impact Resistance:** Low

**Typical Applications:**

- Indoor environments with minimal risk of impact
- Areas where fixtures are unlikely to be struck by objects

**Examples:**

- Private homes and apartments
- Offices and meeting rooms
- Corridors and stairwells with limited traffic

These fittings prioritise aesthetics and efficiency over mechanical robustness, ideal for protected indoor use.



**HYDRUS**  
Non Corrosive  
LED Fitting

See page 52

Call our sales teams on  0113 426 8300

## Medium IK Ratings IK07–IK08

**Impact Resistance:** Moderate

**Typical Applications:**

- Locations where fixtures may experience occasional physical contact or minor impact
- Semi-industrial or public-access areas

**Examples:**

- Garages and workshops
- Schools, colleges, and sports halls (volleyball, badminton, etc.)
- Retail spaces and warehouses

This range offers a balance between durability and cost, making it suitable for most commercial or industrial environments.



**LIBRA Diecast**  
Round Eyelid  
LED Bulkhead

See page 40

 sales@performance-lighting.co.uk

# ORION Bulkhead Polo Fitting 3CCT



Orion is our wattage and colour switchable 3CCT LED bulkhead fitting, dual wattage, switchable between 12W and 16W. With long life and high lumen output, it's ideal for both internal and external use across a wide range of domestic and commercial applications.

Microwave sensor available, Emergency versions are available. Dimmable version available.

## Colour Temperature



3CCT  
Switch



3000K



4000K



6500K



Suitable for a range of environments including schools, commercial, hospitals & hotels



### Available Options



Sensor &  
Emergency



Sensor



Emergency

## Features

- 3CCT Switch  
3000K/4000K/6500K
- Dual Wattage – 12w and 16w
- Also available standard 20w version
- 5 Year Warranty
- IP65 rated and IK08 impact resistant
- Slimline Design
- Microwave sensor version available (corridor function as standard for sensor version)
- Emergency and dimmable versions available



IP65



Dual  
Wattage



IK08 Rated

Code	Description	Wattage	Colour Temperature	Lumens	Size (mm)
400001	Standard	12/16W	3000K/4000K/6500K	1200/1600lm	320x82.5
400002	Microwave Sensor & Corridor Function	12/16W	3000K/4000K/6500K	1200/1600lm	320x82.5
400003	3hr Emergency	12/16W	3000K/4000K/6500K	1200/1600lm	320x82.5
400004	Microwave Sensor, Corridor Function & 3hr Emergency	12/16W	3000K/4000K/6500K	1200/1600lm	320x82.5
400008	Standard	20W	3000K/4000K/6500K	2000lm	320x82.5
400015	Microwave Sensor & Corridor Function	20W	3000K/4000K/6500K	2000lm	320x82.5
400016	3hr Emergency	20W	3000K/4000K/6500K	2000lm	320x82.5
400017	Microwave Sensor, Corridor Function & 3hr Emergency	20W	3000K/4000K/6500K	2000lm	320x82.5

# PAVO Diecast Round Bulkhead



Pavo IP65 Diecast Round Bulkhead is a robust 22W LED luminaire built to perform reliably in both indoor and outdoor applications such as walkways, stairwells, and building perimeters.

It features a robust die-cast aluminium body with a UV-protected polyester powder-coated finish for superior corrosion resistance and long-lasting reliability.

Equipped with high-quality LED chips and driver, it delivers efficient, consistent illumination ideal for building facades, walkways, and general exterior lighting. Optional emergency and plug-and-play microwave sensor versions are available.

## Colour Temperature



4000K



#### Available Options



Sensor &  
Emergency



Sensor



Emergency



Plug &  
Play



## Features

- Durable die-cast aluminium body
- 5 Year Warranty
- IP65 rated
- IK08 rated
- ENEC approved driver
- Optional emergency and plug-and-play sensor versions



IP65



IK08 Rated



CRI  $\geq$ 80

Suitable for a range of environments including indoor and outdoor applications such as walkways, stairwells, and building perimeters.

Code	Wattage	Colour Temperature	Lumens	Size (mm)
400030	22W	4000K	2420lm	350x110

# LIBRA Diecast Round Eyelid LED Bulkhead



Libra is our 4000K IP65 Diecast Round Eyelid designed for both functional and decorative lighting. Built with a die-cast aluminium body and UV-protected powder-coated finish, it offers excellent corrosion resistance and long-term reliability. The eyelid front design provides controlled light distribution and reduced glare - ideal for pathways, entrances, and exterior walls. Optional emergency and plug-and-play microwave sensor versions are available.

Colour Temperature



4000K



5  
YEAR

#### Available Options



Sensor &  
Emergency



Sensor



Emergency



Plug &  
Play



## Features

- Durable die-cast aluminium body
- UV-protected, corrosion-resistant coating
- 5 Year Warranty
- IP65 rated
- IK08 rated
- Optional emergency and plug-and-play sensor versions



IP65



IK08 Rated

Suitable for a range of environments including pathways, entrances, and exterior walls.

Code	Wattage	Colour Temperature	Lumens	Size (mm)
400031	13W	4000K	1430lm	350x110

# AQUARIUS Multi-Power Wall Pack 3CCT



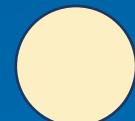
The Aquarius Wall Pack is a robust and versatile exterior LED luminaire designed for walkways, building perimeters, and industrial environments. With IP65 protection and an impact-resistant IK10 polycarbonate housing, it delivers reliable performance even in demanding outdoor conditions.

Offering 4 selectable wattages (12W/16W/20W/24W) and 3 selectable CCT options (3000K/4000K/6500K), Aquarius provides exceptional flexibility for stock management and on-site installation.

## Colour Temperature



3CCT  
Switch



3000K



4000K



6500K



#### Available Options



Sensor &  
Emergency



Sensor



Emergency



Photocell



## Features

- Four Wattage selectable: 12W/16W/20W/24W
- 3CCT switch between 3000K/4000K/6500K
- High efficacy: up to 120 lm/W
- Wide 120° beam angle for uniform illumination
- Durable polycarbonate housing & diffuser
- IP65 rated
- IK10 rated
- Emergency, microwave sensor and photocell versions available



IP65



IK10 Rated



Beam Angle  
120°



4 Power  
Selectable

Suitable for a range of environments including walkways, building perimeters, and industrial environments.

Code	Wattage	Colour Temperature	Lumens	Size (mm) (h x w x l)
600036	12W/16W/20W/24W	3000K/4000K/6500K	1800/2400/3000/3600lm	257x160x311

# ORTO Multi Power Ceiling LED Bulkhead 3CCT



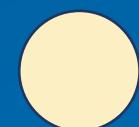
Orto Bulkhead is a 3CCT LED luminaire designed as a modern replacement for traditional 2D fluorescent fittings. Built with a durable IP54-rated housing and IK08 impact resistance, it provides reliable illumination for stairwells, corridors, residential areas, and architectural spaces.

Available with multiple functional options - including emergency, microwave sensor, and self-test emergency - Orto offers flexibility for a wide range of commercial and domestic applications.

## Colour Temperature



3CCT  
Switch



3000K



4000K



6000K

Also available in 525mm  
larger diameter body  
and clear and coloured  
Halo Versions





### Available Options



Sensor



Sensor/  
Emergency  
& Self Test



Emergency  
& Self Test

## Features

- Power selectable: 18W/20W/22W/24W/26W/28W
- 3CCT Switch 3000K/4000K/6000K
- 150lm per watt
- IP54 rated and IK08 impact resistant
- 5 Year Warranty (3 years for battery)
- Emergency function: 1W/3-hour backup at 10% output
- Microwave sensor option available
- Corridor function option available



IP54



IK08 Rated



Multi Power  
Selectable



Suitable for a range of environments including stairwells, corridors, residential areas, and architectural spaces.

Code	Description	Wattage	Colour Temperature	Lumens	Size (mm)
400021	Standard	18W-28W	3000K/4000K/6000K	2700-4200lm	435x102
400022	Microwave Sensor	18W-28W	3000K/4000K/6000K	2700-4200lm	435x102
400023	3hr Emergency	18W-28W	3000K/4000K/6000K	2700-4200lm	435x102
400024	Microwave Sensor & 3hr Emergency	18W-28W	3000K/4000K/6000K	2700-4200lm	435x102

# What is Dimming?

Dimming refers to the ability to adjust the brightness of a light source by controlling the amount of electrical power it receives. In simple terms, it's the process of reducing the light output (measured in lumens) from a lamp or luminaire.

Technically, dimming can be achieved through different control methods. The most commonly used include DALI, switch (push), 0/1-10V analogue and mains TRIAC. New technology now offers wireless dimmable control, via Bluetooth.

## Different types of dimming and how they work

### DALI / DALI-2

DALI (Digital Addressable Lighting Interface) is a widely used digital lighting control protocol designed for flexible and intelligent management of lighting systems.

DALI protocol supports two-way communication, therefore it can not only control lights but also receive feedback - such as fault reports or operating status from each individual luminaire. The wiring is simple and does not require special shielding, making it suitable for a variety of layouts.

Overall, DALI provides precise, programmable, and centralised lighting control, making it the preferred choice for commercial and architectural environments that demand advanced functionality and system monitoring.



### Switch (Push)

Switch dimming (also known as push or touch dimming) offers a straightforward digital control solution using a standard retractive "push-to-make" switch.

This system provides a user-friendly and cost-effective way to control lighting levels without complex wiring or software.

In commercial or office settings, push dimming is highly valued for its convenience and versatility, enabling quick adjustment of ambience - from bright working conditions to softer lighting for presentations or relaxation.



### Wireless Dimming

Wireless dimming allows you to control the brightness of a light fixture without any additional physical control wiring.

A wireless controller or smartphone app sends a signal, which is received by a built-in wireless module/node inside or remotely connected to the luminaire. The luminaires driver then adjusts the output, accordingly, increasing or reducing brightness.

Wireless dimming can also integrate seamlessly with smart home or smart building systems, enabling scenes, schedules, automation, and voice control for added convenience.



## 0/1-10V Analogue



0/1-10V dimming is one of the earliest forms of dimming protocols.

It uses a DC voltage signal that varies between 0/1 and 10 volts to control brightness.

- At 0V, the luminaire is totally off
- At 1V, the luminaire operates at its minimum output
- At 10V, the luminaire operates at its maximum output

This method requires a separate control signal to communicate with the LED driver and adjust the dimming level. While simple and reliable, it's a one-way communication system, meaning it can't send feedback to a central controller.

## TRIAC Dimming



TRIAC (Triode for Alternating Current) is one of the most common dimming methods used in mains-voltage AC lighting, especially in domestic applications. A TRIAC is a semiconductor device that can switch high voltages and large AC currents, making it ideal for controlling household lighting, small motors, and fans.

## Summary

Each dimming method offers unique advantages depending on the application:

- DALI / DALI-2 delivers the most advanced, scalable, and intelligent control, enabling centralised management, individual addressing, automation, and full two-way status reporting - ideal for commercial, architectural, and complex building lighting systems.
- Switch (push) dimming provides an intuitive user experience, ideal for offices, meeting rooms, and areas needing quick manual adjustment without complex wiring.
- Wireless dimming offers maximum flexibility and easy installation, making it suitable for modern smart-building upgrades or locations where running extra wiring is impractical.
- 0/1-10V analogue dimming is simple and reliable, but is considered older technology and is limited by its one-way communication.
- TRIAC mains dimming is perfect for domestic and retrofit applications, as it works with standard household dimmers and requires no additional control wiring.

# LEDA Batten LED Fitting 3CCT

Our Leda range offers a sleek, energy-efficient alternative to traditional fluorescent battens, designed for both commercial and retail environments.

Each fitting combines a built-in 3CCT switch (3000K/4000K/6000K) with 4 power selectable settings, high-quality LED chips, and a reliable Tridonic driver, all within a hinged design for quick installation. Leda delivers the flexibility, performance, and reliability needed across commercial and residential applications.

powered by  
**TRIDONIC**

Powered by Tridonic High Quality  
Integrated LED Driver



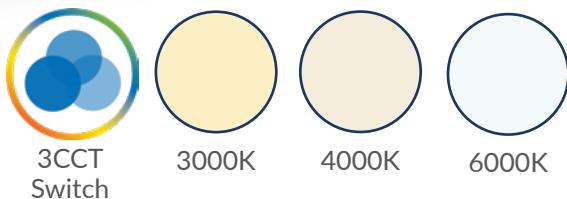
Suitable for both residential, retail and commercial environments



## Features

- 3CCT switch 3000K/4000K/6000K
- 4 power selectable
- Powered by Tridonic driver
- 5 Year Warranty
- IP20 Rated
- Hinged opening for easy installation
- Compatible with PIR or microwave sensors
- Dimmable & Emergency versions available

### Colour Temperature



### Available Options



One size for both single and twin to make your stock holding easier

Code	Description	Wattage	Colour Temperature	Lumens (4000K)	Size (mm)
500004	4ft Standard	22W/28W/33W/38W	3000K/4000K/6000K	3312-5939lm	1172x62x74
500044	4ft Emergency	22W/28W/33W/38W	3000K/4000K/6000K	3312-5939lm	1172x62x74
500005	5ft Standard	32W/41W/52W/58W	3000K/4000K/6000K	4702-8719lm	1462x62x74
500045	5ft Emergency	32W/41W/52W/58W	3000K/4000K/6000K	4702-8719lm	1462x62x74
500006	6ft Standard	33W/41W/50W/60W	3000K/4000K/6000K	4935-8929lm	1732x62x74
500046	6ft Emergency	33W/41W/50W/60W	3000K/4000K/6000K	4935-8929lm	1732x62x74

# PHOENIX

## Pro Educational

## LED Linear

## Fitting 3CCT

Our Phoenix range is a high-performance, dual-power linear LED fitting, designed specifically for educational and commercial environments such as classrooms, lecture rooms, and corridors. With switchable 3CCT colour temperatures and an impressive 125 lm/W output, Phoenix delivers excellent efficiency and adaptability.

Available in multiple sizes (4ft, 5ft, and 6ft), it provides flexibility for a variety of applications. Emergency and dimmable options are also available.

powered by

**TRIDONIC**

Powered by Tridonic High Quality  
Integrated LED Driver



Suitable for educational and commercial environments such as classrooms, lecture rooms, and corridors.



## Features

- Dual-Power & 3CCT colour switchable
- Designed for educational and commercial spaces such as classrooms and corridors
- IP20 Rated
- Available in multiple sizes (4ft, 5ft & 6ft) to suit varied applications
- Compatible with PIR or microwave sensors
- Emergency and dimmable versions available
- 5 Year Warranty

### Colour Temperature



### Available Options



Push/Switch  
Dimmable

Dali  
Dimmable

1-10V  
Dimmable

Emergency

Sensor



Dual Power  
Selectable

IP20

Code	Description	Wattage	Colour Temperature	Lumens (4000K)	Size (mm)
500201	4ft Dual Wattage	20W/38W	3000K/4000K/6000K	2764-4925lm	1190x200x81
500201-EM	4ft Dual Wattage Emergency	20W/38W	3000K/4000K/6000K	2764-4925lm	1190x200x81
500202	5ft Dual Wattage	30W/58W	3000K/4000K/6000K	3925-7152lm	1490x200x81
500202-EM	5ft Dual Wattage Emergency	30W/58W	3000K/4000K/6000K	3925-7152lm	1490x200x81
500203	6ft Dual Wattage	40W/65W	3000K/4000K/6000K	4103-7839lm	1790x200x81
500203-EM	6ft Dual Wattage Emergency	40W/65W	3000K/4000K/6000K	4103-7839lm	1790x200x81

# HYDRUS

## Non Corrosive

## LED Fitting 3CCT

Our Hydrus range offers 4 selectable power outputs – giving installers maximum flexibility on-site while reducing stock complexity for distributors. Engineered for tough environments, Hydrus features robust polycarbonate construction, a built-in 3CCT switch, and protection against water, dust, corrosion, and impact. It's the ideal solution for demanding indoor and outdoor settings including warehouses, workshops, factories, car parks, and more.



### Single Version

Code	Description	Wattage	Colour Temperature	Lumens (4000K)	Size (mm)
500021	4ft Standard	11W/14W/17W/19W	3000K/4000K/6000K	1578-2875lm	1200x85x79
500061	4ft Emergency	11W/14W/17W/19W	3000K/4000K/6000K	1578-2875lm	1200x85x79
500022	5ft Standard	18W/23W/27W/32W	3000K/4000K/6000K	2707-4464lm	1500x85x79
500062	5ft Emergency	18W/23W/27W/32W	3000K/4000K/6000K	2707-4464lm	1500x85x79
500023	6ft Standard	20W/25W/30W/35W	3000K/4000K/6000K	2775-4886lm	1800x85x79
500063	6ft Emergency	20W/25W/30W/35W	3000K/4000K/6000K	2775-4886lm	1800x85x79



### Colour Temperature



### Available Options



## Features

- 3CCT switch 3000K/4000K/6000K
- 4 power selectable
- Powered by Tridonic driver
- 5 Year Warranty
- Stainless steel clips as standard
- IP65 Rated - waterproof & dustproof
- IK10 Rated - high impact resistance
- Compatible with PIR and microwave sensors
- Dimmable & Emergency versions available



4 Power Selectable      IP65      IK10 Rated

### Twin Version

Code	Description	Wattage	Colour Temperature	Lumens (4000K)	Size (mm)
500024	4ft Standard	19W/24W/28W/32W	3000K/4000K/6000K	2911-4672lm	1200x105x79
500064	4ft Emergency	19W/24W/28W/32W	3000K/4000K/6000K	2911-4672lm	1200x105x79
500025	5ft Standard	25W/32W/38W/50W	3000K/4000K/6000K	3766-7489lm	1500x105x79
500065	5ft Emergency	25W/32W/38W/50W	3000K/4000K/6000K	3766-7489lm	1500x105x79
500026	6ft Standard	37W/47W/57W/65W	3000K/4000K/6000K	5619-9783lm	1800x105x79
500066	6ft Emergency	37W/47W/57W/65W	3000K/4000K/6000K	5619-9783lm	1800x105x79

# LYNX

## Slim Linear

## LED Fitting

Our Lynx is a flexible lighting solution for commercial, educational, and public spaces. Its sleek aluminium design supports both standalone and continuous-line installations.

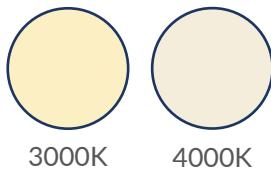
Available with direct (down only), indirect (up and down) light distribution and a choice of opal or microprism diffusers, it provides uniform, comfortable illumination. Standard finishes include black, white, and silver, with custom colours available.

Available in surface, suspended, and recessed mounting, the system also offers continuous linkable through-wiring for seamless linear runs. With over 1000 configuration options, it adapts easily to a wide range of project requirements.





### Colour Temperature



### Available Options



Push/Switch  
Dimmable

Dali  
Dimmable

1-10V  
Dimmable

Emergency

Sensor



Suitable for commercial, educational,  
and public spaces.

Code	Description	Wattage	Colour Temperature	Lumens	Size (mm)
510000	Lynx Slim Linear LED Fitting	7W~20W	3000K/4000K	860lm~2495lm	573x59x60
510001	Lynx Slim Linear LED Fitting	12W~23W	3000K/4000K	1510lm~2910lm	993x59x60
510002	Lynx Slim Linear LED Fitting	14.5W~30W	3000K/4000K	1940lm~3740lm	1273x59x60
510003	Lynx Slim Linear LED Fitting	19.4W~57W	3000K/4000K	2490lm~7480lm	1693x59x60
510004	Lynx Slim Linear LED Fitting	22.4W~44.4W	3000K/4000K	3020lm~5815lm	1973x59x60

**Other sizes available on request**

## Features

- Direct (down only) and indirect (up and down) lighting options available
- Opal or microprism diffuser options available
- Suspended/surface/recessed options available
- Finish in Black/white/silver, other colours available on request.
- Continuous linkable system with integrated through-wiring for seamless linear runs
- Unlimited combinations with over 1000 options (size, colour, dimming etc.)

# TITAN II 9W LED Downlight 3CCT



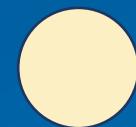
TITAN II is our powerful 9W downlight, with easy fascia mounted colour changing switch, to change the light colour from 3000K warm white, 4000K cool white and 6000K daylight.

TITAN II also complies to BS476-21:1987 UK Building Regulations, Part B,C,E,L and is suitable for 30/60/90 minute solid timber joist ceiling construction and comes with 3 round magnetic bezels as standard (white, brushed chrome and satin chrome) with other bezel options available.

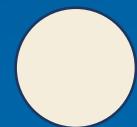
## Colour Temperature



3CCT  
Switch



3000K



4000K



6000K



Complies to BS476-21:1987  
UK Building Regulations,  
Part B,C,E,L.



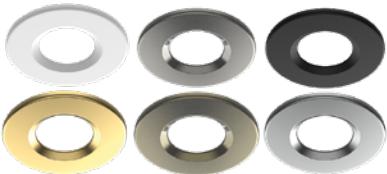
High energy efficiency



### Available Options



Emergency



Round Bezels



Square Bezels

## Features

- 3CCT switch 3000K/4000K/6000K (under the bezel)
- Comes complete with 3 bezels
- Triac/mains dimmable
- 5 Year Warranty
- IP65 Rated – water resistant & dustproof



IP65



Triac/Mains Dimmable



Suitable for a range of environments including residential, commercial, offices and retail.

3 round bezels included: white, brushed chrome and satin chrome. Also available brushed steel, brass and black.

Code	Wattage	Colour Temperature	Lumens	Cut-out (mm)	Size (mm)
300001	9W	3000K/4000K/6000K	825lm/900lm/830lm	65-70mm	88x65mm

# TITAN e 6W LED Downlight 3CCT



TITAN-e is our brand new 6W downlight, with easy fascia mounted colour changing switch, to change the light colour from 3000K warm white, 4000K cool white and 6000K daylight.

TITAN-e also complies to BS476-21:1987 UK Building Regulations, Part B,C,E,L and is suitable for 30/60/90 minute solid timber joist ceiling construction. It also comes with a white round 'twist- lock' bezel as standard, with other bezel options available.



Complies to BS476-21:1987  
UK Building Regulations,  
Part B,C,E,L.



High energy efficiency



### Colour Temperature



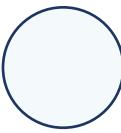
3CCT  
Switch



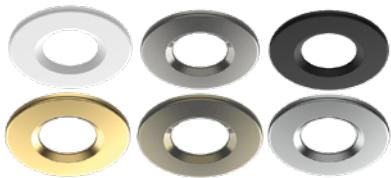
3000K



4000K



6000K



Round Bezels



Square Bezels

## Features

- 3CCT switch 3000K/4000K/6000K (under the bezel)
- Comes complete with 1 white bezel
- Triac/mains dimmable
- 5 Year Warranty
- IP65 Rated – water resistant & dustproof



IP65



Triac/Mains  
Dimmable



Suitable for a range of environments including residential, commercial, offices and retail.

1 round bezel included: white. Also available in gold, brass, black, brushed chrome and polished chrome.

Code	Wattage	Colour Temperature	Lumens	Cut-out (mm)	Size (mm)
300002	6W	3000K/4000K/6000K	570lm/650lm/610lm	65-70mm	86x64mm

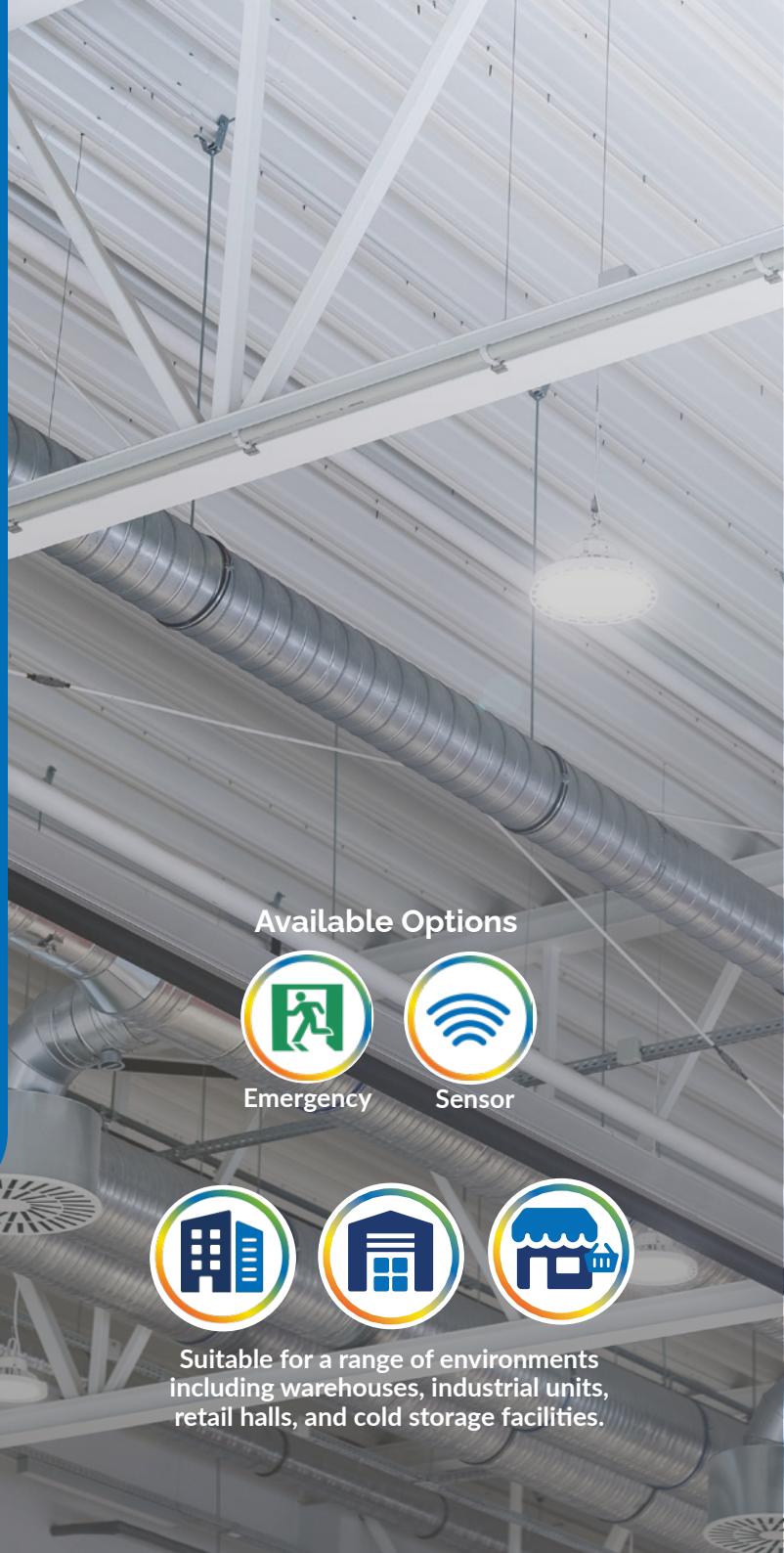
# ARIES UFO LED High Bay Power/ CCT Selectable

Our Aries UFO High Bay is a power and CCT selectable LED fitting designed for large, demanding spaces such as warehouses, industrial units, retail halls, and cold storage facilities.

Constructed with a die-cast aluminium housing, aluminium heat sink, and polycarbonate lens, it ensures excellent heat dissipation and durability even in harsh environments.

Offering selectable 100W/120W/150W power settings and 3000K/4000K/5500K colour temperatures, it delivers exceptional flexibility for a wide range of lighting applications.

Emergency and sensor options are available.



## Available Options



Emergency



Sensor



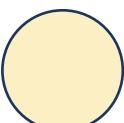
Suitable for a range of environments including warehouses, industrial units, retail halls, and cold storage facilities.



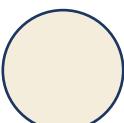
Colour Temperature



3CCT  
Switch



3000K



4000K



5500K

## Features

- Power Selectable: 100W/120W/150W
- 3CCT Switch 3000K/4000K/5500K
- Philips 1-10V dimmable driver as standard
- Beam angle: 120°
- IP65 rated for dust and water protection
- Die-cast aluminium body with polycarbonate lens
- Microwave sensor and remote handset available
- Emergency version available



IP65



Beam Angle  
120°



Tri-Power  
Selectable



1-10V  
Dimmable

Code	Description	Wattage	Colour Temperature	Lumens (4000K)	Size (mm)
600022	Standard	100/120/150W	3000K/4000K/5500K	16566/19952/24296lm	280X180
600023	Microwave Sensor	100/120/150W	3000K/4000K/5500K	16566/19952/24296lm	280X180
600024	Emergency	100/120/150W	3000K/4000K/5500K	16566/19952/24296lm	280X180

# LEO Foldable Tri-power LED Low Bay

Leo a power-selectable LED luminaire designed for industrial and commercial applications such as warehouses, garages, and workshops. With selectable outputs of 100W/130W/150W and an adjustable beam angle, it offers flexibility for different lighting layouts and mounting heights.

Its robust steel body, aluminium heat sink, and opal polycarbonate diffuser ensure efficient thermal management and long-term reliability. Emergency, dimming, and sensor options are available.





Colour Temperature



#### Available Options



Dimmable



Emergency



Sensor

## Features

- Selectable wattage: 100W/130W/150W
- Lumen Efficacy: 150lm/W
- CRI $\geq$ 80
- Beam angle adjustable foldable design
- Steel body with aluminium heat sink
- White powder-coated finish with opal polycarbonate cover
- Emergency, dimming, and microwave/PIR sensor versions available
- Wire guards available



CRI  $\geq$ 80



Adjustable Beam Angle



Tri-Power Selectable



Suitable for a range of environments including industrial and commercial applications such as warehouses, garages, and workshops.

Code	Wattage	Colour Temperature	Lumens	Size (mm)
600031	100W/130W/150W	4000K	15000/19500/22500lm	600x247x89

# JUNO Corn Lamps



Our Juno LED Corn Lamps are an ideal replacement for Metal Halide and SON lamps, for use in most open and some enclosed luminaires.

With a powerful lumen output, available in 18W, 27W, 36W, 54W, 80W, 100W, 120W and 150W, in both E27 (ES) and E40 (GES) caps, in 3000K, 4000K and 6000K as indicated.



CRI 80



IP64

**High efficiency:** Up to 21750 lumens per watt for excellent energy efficiency.



# JUNO Corn Lamp 6000K



## Features

- Ideal replacement for MH/SON lamps
- Available in 18W, 27W, 36W, 54W, 80W, 100W, 120W and 150W
- Built in Driver
- Latest heat sink technology – no internal fans needed
- 5 Year Warranty
- Colour 6000K
- 360° Beam Angle
- 50,000hrs Lifetime

Colour Temperature



6000K

Code	Wattage	Cap	Lumens	Size (mm)
200001	18W	E27	2799lm	147x65
200002	18W	E40	2799lm	160x65
200003	27W	E27	4359lm	171x65
200005	36W	E27	5371lm	200x87
200006	36W	E40	5371lm	222x87
200007	54W	E27	8187lm	226x87
200008	54W	E40	8187lm	248x87
200009	80W	E40	11903lm	252x123
200010	100W	E40	15306lm	273x123
200011	120W	E40	18688lm	301x123
200012	150W	E40	21750lm	335x125

# JUNO Corn Lamp 4000K

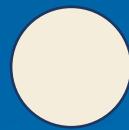
## Features

- Ideal replacement for MH/SON lamps
- Available in 18W, 36W, 54W, 75W, 100W and 120W
- Built in Driver
- Latest heat sink technology – no internal fans needed
- 5 Year Warranty
- Colour 4000K
- 360° Beam Angle
- 50,000hrs Lifetime

Code	Wattage	Cap	Lumens	Size (mm)
200015	18W	E27	2690lm	147x65
200019	27W	E27	4147lm	171x65
200023	36W	E27	5380lm	200x87
200024	36W	E40	5380lm	222x87
200027	54W	E27	8063lm	226x87
200028	54W	E40	8063lm	248x87
200030	80W	E40	11200lm	252x123
200032	100W	E40	15294lm	276x123
200034	120W	E40	16920lm	301x123
200035	150W	E40	21300lm	335x125



Colour Temperature



4000K

High efficiency: Up to 21300 lumens per watt for excellent energy efficiency.



# JUNO Corn Lamp 3000K



## Features

- Ideal replacement for MH/SON lamps
- Available in 18W, 27W, 36W
- Built in Driver
- Latest heat sink technology - no internal fans needed
- 5 Year Warranty
- Colour 3000K
- 360° Beam Angle
- 50,000hrs Lifetime

### Colour Temperature



3000K

Code	Wattage	Cap	Lumens	Size (mm)
200013	18W	E27	2569lm	147x65
200017	27W	E27	3600lm	171x65
200021	36W	E40	4930lm	222x87

# T8 & T5 LED Tube



T5 & T8 tubes offer excellent energy efficiency and high efficacy.

They are an easy to install retro-fit replacement for equivalent fluorescent tubes.

## Colour Temperature



3000K



4000K



6000K



Suitable for both industrial, residential and commercial environments

High efficiency:  
excellent energy efficiency.



# T8 Tube



## Features

- Available in various sizes
- 3-Year Warranty
- Colour 3000K/4000K/6000K



Code	Wattage	Colour Temperature	Size (ft)
LEDT8-2ft	18W Replacement	3000K/4000K/6000K	2ft
LEDT8-4ft	36W Replacement	3000K/4000K/6000K	4ft
LEDT8-5ft	58W Replacement	3000K/4000K/6000K	5ft
LEDT8-6ft	70W Replacement	3000K/4000K/6000K	6ft

**Lumen output & wattage may be subject to change**



# T5 Tube

Code	Wattage	Colour Temperature	Size (mm)
LEDT5-549-HE	14W Replacement	4000K/6000K	549
LEDT5-849-HE	21W Replacement	4000K/6000K	849
LEDT5-1149-HE	28W Replacement	4000K/6000K	1149
LEDT5-1149-HO	54W Replacement	4000K/6000K	1149
LEDT5-1449-HE	35W Replacement	4000K/6000K	1449
LEDT5-1449-HO	49W Replacement	4000K/6000K	1449

**Lumen output & wattage may be subject to change**

# BRAVA Sound LED Worklight with Wireless Speaker

Our newest LED Worklight, BRAVA Sound, is a 20W Flexible LED work light, complete with a wireless speaker, plus a handle with a 180° rotation bracket and massive 1500lm max output.

BRAVA Sound also boasts 2 mode settings (high/low), a USB output for use as a power bank, a built-in rechargeable 8000mAh lithium battery and a working time of 5-12hrs.

## Features

- 20W COB LED
- Flexible handle with 180° rotation bracket
- 1500lm max output
- 2 mode settings (high/low)
- 2 x 5W built in wireless speaker
- USB output for use as a power bank
- Built-in rechargeable 8000mAh lithium battery

### Colour Temperature



6000K



20w COB LED



IP65



USB Output



5-12hrs Working Time

Code

Wattage

Colour Temperature

Size (mm)

300024

20W

6000K

230x120



# BRAVA 2 x 10W LED Worklight

Our BRAVA LED Work Light is flexible in so many ways. It features 2 x 10W COB LED, with a massive maximum lumen output of 1500lm and built-in 5000mAh Lithium battery.

Its flexible body and handle allow it to rotate a full 360°, for total versatility and multi-purpose use - it will even charge your mobile phone (Micro USB input charging & USB output can be used as a power bank).

## Colour Temperature



6000K



USB Output



2 x 10w COB LED



IP65



5-9hrs  
Working Time

## Features

- 2 x powerful 10W LED
- 1500lm max output
- Built-in 5000mAh lithium battery
- Micro USB input charging
- USB output can be used as a power bank
- Working time 5-9hrs



Code	Wattage	Colour Temperature	Size ( mm)
PL-BWL/10/150	2 x 10W	6000K	195x190

# CYGNUS 1.5W Emergency Downlight



The Cygnus Emergency Downlight is designed for discreet installation while delivering reliable performance during power outages. With a wide 120° beam angle, long-life LiFePO<sub>4</sub> battery, and more than 3 hours emergency runtime, it's perfect for exits, escape routes, and corridors. Supplied with both round and oval lenses. White bezel as standard and optional black bezels for flexible design matching.

Colour  
Temperature



6500K



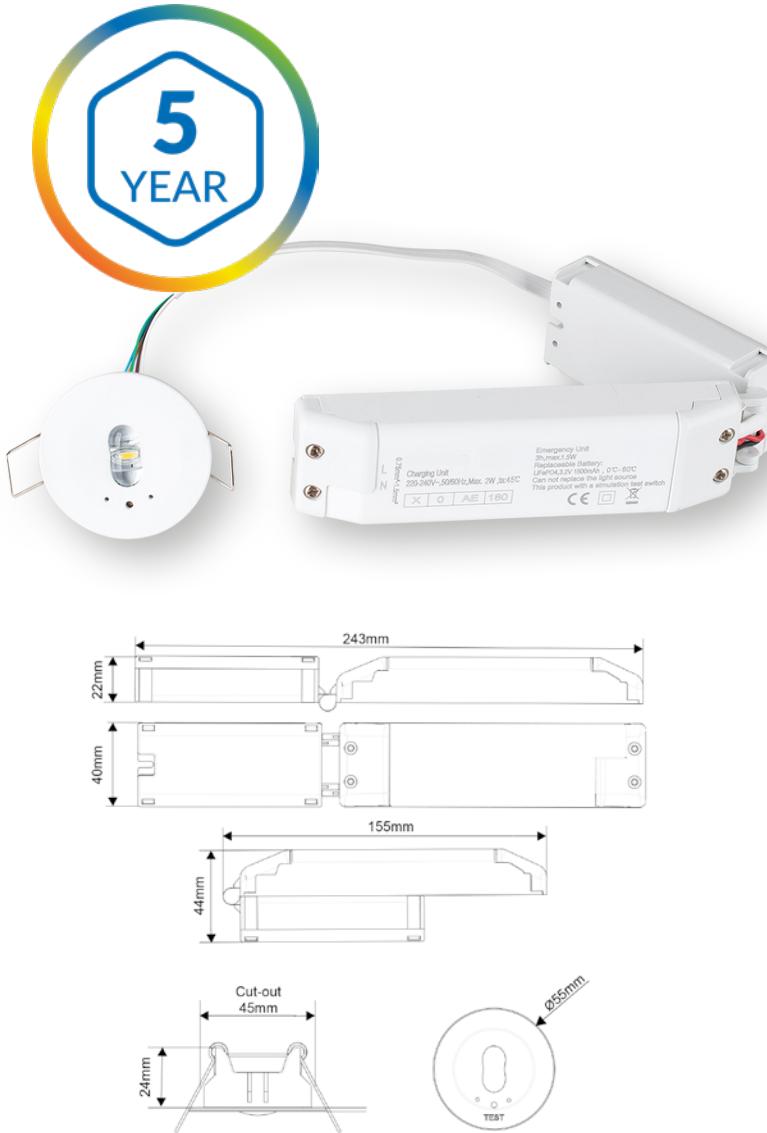
Optional DALI  
Dimmable



Self Test  
Emergency



Suitable for a range of environments  
including exits, escape routes, and corridors.



## Features

- Ultra-compact 1.5W LED emergency downlight
- 150lm output in emergency mode for clear illumination
- Over 3 hours emergency runtime on mains failure
- Supplied with two lenses – round & oval for flexible light distribution
- Wide 120° beam angle for maximum coverage
- Optional black bezels for a sleek finish
- LiFePO<sub>4</sub> 3.2V 1000mAh battery with thermal overload protection
- IP20 rated for indoor applications
- 5 year warranty



Beam Angle  
120°



IP20



3hrs Emergency  
Run Time

Code	Wattage	Colour Temperature	Lumens	Cut-out	Size (mm) (h x w x l)
900002	1.5W	6500K	150lm	45w x 24h	40x22x243 (Overall)

# GEMINI Self Test Emergency Twin-Spot



Gemini Self Test Emergency Twin-Spot is a powerful and durable emergency lighting solution, designed to deliver maximum light output when it matters most. Featuring two adjustable LED heads for targeted illumination, it's ideal for large open spaces such as warehouses and factories. With self-test and manual test modes, robust IP65 & IK08 protection, and a high-capacity LiFePO<sub>4</sub> battery, it ensures reliable performance even in tough industrial environments.

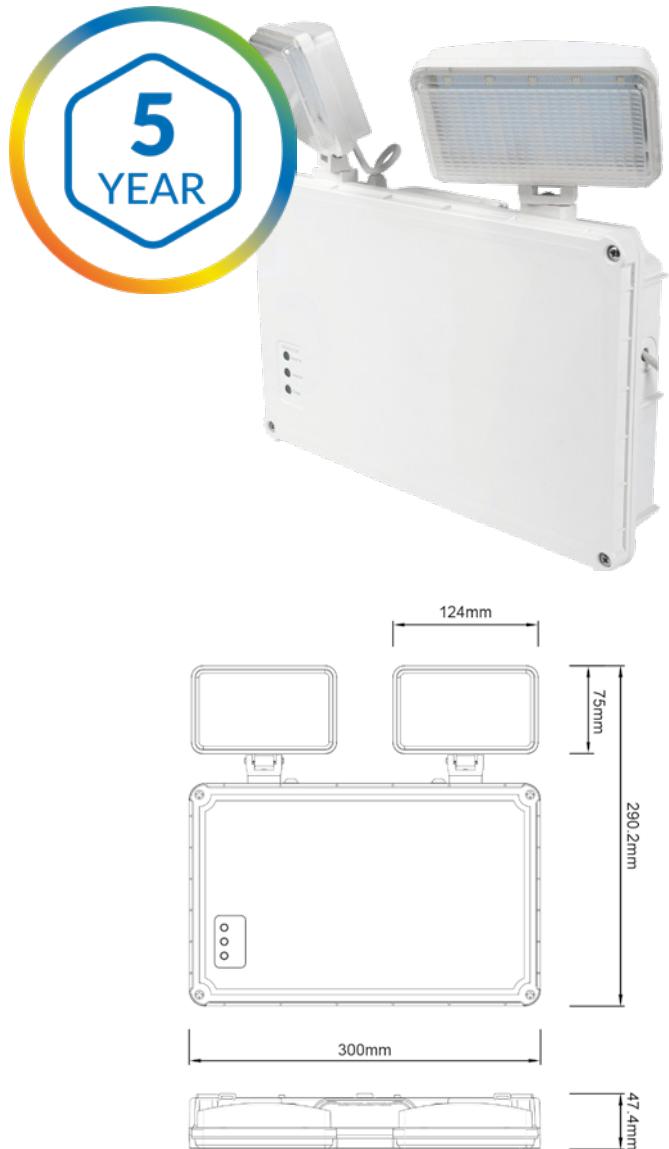
Colour  
Temperature



6500K



Suitable for a range of environments including warehouses, factories and industrial units.



## Features

- High-output 400lm twin-spot emergency fitting
- Dual adjustable heads for precise light direction
- Self-Test or Manual Test modes for easy maintenance
- Over 3 hours emergency runtime on mains failure
- IP65 rated
- IK08 rated
- Durable polycarbonate housing for industrial applications
- CRI >80 for better visibility and safety
- 5 year warranty



IP65



IK08 Rated



3hrs Emergency Run Time

Code	Wattage	Colour Temperature	Lumens	Size (mm) (h x w x l)
900003	6500K	3W	400lm	300x47.4x290

# CALLISTA 3W Slim LED Emergency Bulkhead



Colour  
Temperature



6500K

Callista is our slim 3W LED emergency bulkhead, designed for maintained or non-maintained operation.

With an IP65 and IK08 rated tough polycarbonate body, it's built to perform reliably in demanding environments such as escape routes, corridors and exit areas.

Self-test version, recessing kit and drop down diffuser are available.

## Features

- High Lumen Output: 240lm (mains)/130lm (battery)
- Maintained/non-maintained options
- 3 hours emergency runtime
- IP65 rated
- High impact polycarbonate housing
- IK08 rated
- 5 Year Warranty
- Self-test version available
- Recessing kit and drop-down diffuser available



Optional  
Dali Dimmable

IP65

IK08 Rated

Self Test  
Emergency

Code	Wattage	Colour Temperature	Lumens	Size (mm) (h x w x l)
900001	3W	6500K	240lm (mains)/ 130lm (battery)	110x66x353

# SALIDA 4W Slim LED Emergency Exit Box

The Salida is a slimline 4W emergency exit box designed for clear and reliable escape route signage. With a 30m viewing distance, durable polycarbonate and acrylic construction, and long-life LiFePO<sub>4</sub> battery, it's perfect for corridors, stairwells, and building exit points. Supplied with multiple legends for flexible installation, it provides dependable safety lighting with low running costs.

## Colour Temperature



6500K



Optional  
Dali Dimmable



IP20



Self Test  
Emergency



30min Viewing  
Distance

## Features

- Maintained mode as standard
- 30m viewing distance for clear visibility
- Durable PC body & acrylic lit panel
- Long-life LiFePO<sub>4</sub> 3.2V 1500mAh battery
- Supplied with multiple exit legends
- IP20 rated for indoor use
- 5 Year Warranty



Code	Wattage	Colour Temperature	Lumens	Size (mm) (h x w x l)
900004	4W	6500K	38lm (charging) 48lm (discharging)	196x28x392

# PICTOR 2.5W Exit Blade c/w Self-Test Function



Colour  
Temperature



6500K



Optional Dali  
Dimmable



Self Test  
Emergency



IP20



30min Viewing  
Distance

Pictor is our modern hanging emergency exit sign with built-in self-test functionality for hassle-free compliance and maintenance. Designed with a 30m viewing distance, easy-rotating PVC legends, and long-life LiFePO<sub>4</sub> battery, it's the ideal choice for exits, escape routes, and corridors. Accessories available in both white and black finish.

## Features

- Self-test function (BS5266 compliant)
- 30m maximum viewing distance for clear visibility
- Easy-rotating PVC legends included
- Available in white and black finishes
- Long-life LiFePO<sub>4</sub> 3.2V 1000mAh battery
- IP20 rated for indoor use
- 5 year warranty

Code	Wattage	Colour Temperature	Lumens	Size (mm) (h x w x l)
900005	2.5W	6500K	45lm (mains)/ 25lm (battery)	211x33x286

# 3W LED EMERGENCY CONVERSION REMOTE PACK



The EMRK-LED 55V 3W Emergency Conversion Remote Pack is designed to provide reliable emergency lighting performance for a wide range of LED luminaires. Built to meet the latest industry standards, this compact remote conversion pack ensures maintained illumination during power failure, delivering up to 3 hours discharge time.

This model features an integrated self-test system, automatically performing weekly functional tests and annual full-duration tests to ensure ongoing compliance and long-term reliability. The pack includes clear LED status indication, dedicated driver connections, and is suitable for use with LED loads operating at 55V output voltage.



Self Test      30hrs discharge  
Emergency      time

Code	Emergency output power	Emergency duration	Size (mm) (h x w x l)
EMRK-LED-PL /900050	3W constant power	3 hours	25x55x223

# Control Gear, LED Drivers & Specialist Lighting Components

Performance Lighting supplies a comprehensive range of professional lighting components, control gear and spares - all sourced from the industry's leading global brands.

Whether you're maintaining existing installations, upgrading to LED, or specifying new projects, we offer reliable, high-quality solutions across all major lighting technologies.

## What we offer

### **LED Drivers**

Dimmable, non-dimmable and specialist drivers for commercial, industrial and architectural lighting.

### **Lighting Batteries**

NiCd & NiMH battery packs, plus other specialist types including LiFePO4, Sub-C and custom emergency lighting batteries.

### **Fluorescent Ballasts**

Electronic and magnetic ballasts for legacy fluorescent systems still in operation.

### **Lighting Spares & Components**

Ignitors, capacitors, lampholders, terminal blocks and a full range of general lighting parts.

### **LED Emergency Inverters**

High-performance emergency conversion kits and inverters for maintained and non-maintained systems.

### **Branded LED Fittings**

Premium-grade LED luminaires from trusted manufacturers.

### **Lighting Controls & Sensors**

DALI, microwave, PIR and advanced smart-control solutions to optimise energy efficiency and performance.



**Plug and Play Emergency Pack**

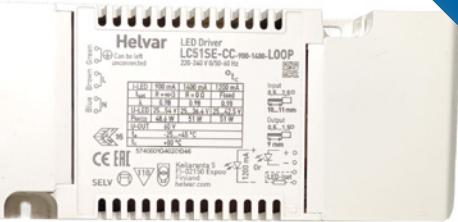
## Sensors



## Batteries



## Drivers



## Emergency Kits



# Our Lighting Partners

We work closely with many of the world's most trusted lighting manufacturers, including:

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LIMITED

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LED

# Icon & Colour Index



Wattage



Dual Power Selectable



Tri-Power Selectable



4 Power Selectable



Multi Power Selectable



TP(a) Rated



TP(b) Rated



Mains Dimmable



Push/Switch Dimmable



Dali Dimmable



1-10V Dimmable



Emergency & Self Test



Self Test Emergency



Sensor & Emergency



Sensor



Hour Rating



IK Rating



CRI Rating



IP Rating



UGR<19  
low glare



Photocell



Beam Angle  
120°



Beam Angle



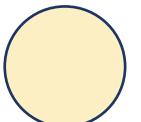
USB  
Output



Plug &  
Play



3CCT  
Switch



3000K



4000K



5000K



5500K



6000K



6500K



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