Engineered to perform.

With 20 years of electronics expertise and over seven years in lighting and luminaires, we are proud to offer UK quality control and support, backed by lean, high-tech manufacturing techniques, ensuring our products deliver excellence every time.

We achieve high reliability, professional LED fixtures based on our own technology platform of the LED driver and deliver an end product without compromise, supported by UK stock, prompt support and after sales, with factories and systems accredited to ISO9001.

If we do not already have a stock product to offer from our extensive range, we can design custom luminaires to fit specific space envelopes, designs, budgets or performances with total peace of mind that whole life support is assured. Call PowerLed today to find out more about products designed to last.

Orion House, Calleva Park, Aldermaston, Berkshire RG7 8SN.
www.PowerLed.uk.com Tel: 0118 9408703
Welcome to the **PowerLed** range.

We design and manufacture unique LED lighting products of a high quality, bringing several advantages to lighting applications including energy savings, reduced maintenance and an overall reduction in the cost of ownership when compared with more traditional incandescent and halogen bulbs.

INDUSTRIAL & OUTDOOR LIGHTING

PowerLed offer high quality LED industrial and outdoor lighting options suited to a large range of industrial, commercial and educational applications.

We provide a professional range of services including bespoke lighting design schemes, technical support by phone or online and a nationwide distributor network.

We make every effort to ensure the information provided is accurate however we can not be held responsible for errors. Specifications are subject to change without notice; please ensure you conduct testing to ensure the product is suitable for your intended application.

Our catalogue is printed on paper sourced from certified sustainable forests with vegetable-based soya inks.
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BLADE LED Floodlight
TEC LED Floodlight
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E SERIES Sports and Area LED Light
T SERIES Sports & Area LED Light
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• Light bars
• Emergency kits

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• LED colour controllers
• DALI controllers
• DMX controllers
• LED controller kits
• LED desktop drivers
• Display drivers
Available Variants

Clear and colour LENS Options
Clear Polycarbonate Lens are available for 30W, 50W, 80W, 100W and 120W models. As well as coloured Lenses available in Amber (SON effect), Blue, Green and Red (for 10W, 30W, 50W, 80W, 100W and 120W models.)

Integral Dusk to Dawn Sensor
Available for 50W - 120W models.

PIR700 Sensor
Available for the entire range of FLEX Floodlights.

Colour Powder Coat Finishes
The entire FLEX range is available in a range of powder coat finishes: Traffic White, Anthracite Grey, Moss Green and Vandyke Brown, as well as others by special request.

Product Features

- Suitable for security & general outdoor lighting applications
- Industrial design embedding user convenience and flexibility
- Ideal to fit at high-level with ease of installation & low maintenance fit and forget applications
- Cast metal casing with high grained anodised paint finish; environmentally protected against UV
- Quality, long life Epistar LEDs & polished reflector for maximum light output
- Designed to provide long product life cycle and high energy saving capabilities
- Proven provider of switch-mode power supplies to support in-house LED driver technology for the FLEX
- FLEX is offered with optional external PIR available with motion detector & automatic day/night sensor functionality
- 50,000 hours life time
<table>
<thead>
<tr>
<th>Power</th>
<th>Input Voltage</th>
<th>Beam Angle</th>
<th>CRI</th>
<th>Lumen Output</th>
<th>Fitting Colour</th>
<th>Colour</th>
<th>Part Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>10W</td>
<td>100-240V</td>
<td>90°</td>
<td>70</td>
<td>750lm</td>
<td>Black</td>
<td>5000 - 6500K</td>
<td>FLEX-10C</td>
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<td></td>
<td></td>
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<td></td>
<td>750lm</td>
<td>Black</td>
<td>3000 - 3500K</td>
<td>FLEX-10W</td>
</tr>
<tr>
<td>30W</td>
<td>100-240V</td>
<td>90°</td>
<td>70</td>
<td>2250lm</td>
<td>Black</td>
<td>5000 - 6500K</td>
<td>FLEX-30C</td>
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<td></td>
<td></td>
<td></td>
<td>2250lm</td>
<td>Black</td>
<td>3000 - 3500K</td>
<td>FLEX-30W</td>
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<tr>
<td>50W</td>
<td>100-240V</td>
<td>90°</td>
<td>70</td>
<td>3750lm</td>
<td>Black</td>
<td>5000 - 6500K</td>
<td>FLEX-50C</td>
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<td></td>
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<td>3750lm</td>
<td>Black</td>
<td>3000 - 3500K</td>
<td>FLEX-50W</td>
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<tr>
<td>80W</td>
<td>90-305V</td>
<td>90°</td>
<td>80</td>
<td>6500lm</td>
<td>Black</td>
<td>6000 - 7000K</td>
<td>FLEX-80C</td>
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<td></td>
<td></td>
<td>6500lm</td>
<td>Black</td>
<td>2900 - 3200K</td>
<td>FLEX-80W</td>
</tr>
<tr>
<td>100W</td>
<td>90-264V</td>
<td>90°</td>
<td>80</td>
<td>7700lm</td>
<td>Black</td>
<td>6000 - 7000K</td>
<td>FLEX-100C</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
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<td>7700lm</td>
<td>Black</td>
<td>2900 - 3200K</td>
<td>FLEX-100W</td>
</tr>
</tbody>
</table>

**Dimensions**
- FLEX-10: 167 x 143 x 53mm, Weight: 0.7Kg
- FLEX-30: 247 x 202 x 74mm, Weight: 1.69Kg
- FLEX-50: 287 x 232 x 80mm, Weight: 2.27Kg
- FLEX-80: 332 x 358 x 104mm, Weight: 16.25Kg
- FLEX-100: 420 x 420 x 130mm, Weight: 8.0Kg
6 LED FLOODLIGHTS

FLEX-120

Available Variants

PCL Suffix - Clear Polycarbonate Lens
PCL00 Clear Polycarbonate
00=30W, 50W, 80W, 100W & 120W
Shatterproof polycarbonate lens for applications such as food stores where glass is unsuitable (Lighting BSI/IEC 61549 Standard).

Coloured Lenses

<table>
<thead>
<tr>
<th>Colour</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Amber</td>
<td>FLEX-00A</td>
</tr>
<tr>
<td>Blue</td>
<td>FLEX-00B</td>
</tr>
<tr>
<td>Green</td>
<td>FLEX-00G</td>
</tr>
<tr>
<td>Red</td>
<td>FLEX-00R</td>
</tr>
</tbody>
</table>

DD Suffix - Integral Dusk to Dawn Sensor
This optional Dusk to Dawn sensor will ensure your FLEX floodlight automatically switches on at dusk and off again at dawn; lighting your outdoor space only during the hours of need.
The FLEX-LENS is a sophisticated and innovative asymmetric lens range of floodlights for use in areas where directional light is important such as sports fields. The FLEX-LENS range using high quality SMD LED arrays and the very latest optic technology offers excellent efficacy. With a custom case design for effective heat dissipation, rugged design and in house LED driver technology, the FLEX-LENS is an ideal solution for any environment.

Available Variants
- Symmetric Lens
  Available with symmetric lens upon request.
- Alternative Colour
  Also available in silver.

Product Features
- High quality SMD LED array
- Custom case for effective heat dissipation
- In house LED driver technology
- Rugged design
- IP66
- 5 years warranty
- Using Nichia 3030 LED chip
- Designed for sports arenas, indoor arenas, training grounds, tennis courts and 5-A-side football grounds.
<table>
<thead>
<tr>
<th>Power</th>
<th>Input Voltage</th>
<th>Beam Angle</th>
<th>CRI</th>
<th>Lumen Output</th>
<th>Fitting Colour</th>
<th>Colour</th>
<th>Part Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>150W</td>
<td>100-305V</td>
<td>32° x 84°</td>
<td>&gt;70</td>
<td>18575lm</td>
<td>Black</td>
<td>4000K</td>
<td>FLEX-LENS-150-4K-32x84B</td>
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<tr>
<td></td>
<td></td>
<td>/ Tilt 30°</td>
<td></td>
<td>18575lm</td>
<td>Black</td>
<td>5000K</td>
<td>FLEX-LENS-150-5K-32x84B</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>18575lm</td>
<td>Black</td>
<td>5700K</td>
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<tr>
<td></td>
<td></td>
<td></td>
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<td>4000K</td>
<td>FLEX-LENS-150-4K-50x88B</td>
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<td></td>
<td>18575lm</td>
<td>Silver</td>
<td>5000K</td>
<td>FLEX-LENS-150-5K-50x88B</td>
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<td></td>
<td></td>
<td>18575lm</td>
<td>Silver</td>
<td>5700K</td>
<td>FLEX-LENS-150-57K-50x88B</td>
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Dimensions 302 x 374 x 50mm  Weight 5.16Kg

<table>
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<tr>
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<th>Beam Angle</th>
<th>CRI</th>
<th>Lumen Output</th>
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</tr>
</thead>
<tbody>
<tr>
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<td>18575lm</td>
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<td>FLEX-LENS-150-57K-50x88B</td>
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Dimensions 302 x 374 x 50mm  Weight 5.16Kg

<table>
<thead>
<tr>
<th>Power</th>
<th>Input Voltage</th>
<th>Beam Angle</th>
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<th>Lumen Output</th>
<th>Fitting Colour</th>
<th>Colour</th>
<th>Part Code</th>
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<td>30769lm</td>
<td>Black</td>
<td>5000K</td>
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</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>30769lm</td>
<td>Black</td>
<td>5700K</td>
<td>FLEX-LENS-240-57K-32x84B</td>
</tr>
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<td></td>
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<td></td>
<td>30769lm</td>
<td>Silver</td>
<td>5000K</td>
<td>FLEX-LENS-240-5K-50x88B</td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td>30769lm</td>
<td>Silver</td>
<td>5700K</td>
<td>FLEX-LENS-240-57K-50x88B</td>
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</table>

Dimensions 413 x 374 x 50mm  Weight 6.84Kg

<table>
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<th>Power</th>
<th>Input Voltage</th>
<th>Beam Angle</th>
<th>CRI</th>
<th>Lumen Output</th>
<th>Fitting Colour</th>
<th>Colour</th>
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</tr>
</thead>
<tbody>
<tr>
<td>240W</td>
<td>100-305V</td>
<td>50° x 88°</td>
<td>&gt;70</td>
<td>30769lm</td>
<td>Black</td>
<td>4000K</td>
<td>FLEX-LENS-240-4K-50x88B</td>
</tr>
<tr>
<td></td>
<td></td>
<td>/ Tilt 45°</td>
<td></td>
<td>30769lm</td>
<td>Black</td>
<td>5000K</td>
<td>FLEX-LENS-240-5K-50x88B</td>
</tr>
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<td></td>
<td></td>
<td></td>
<td></td>
<td>30769lm</td>
<td>Black</td>
<td>5700K</td>
<td>FLEX-LENS-240-57K-50x88B</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>30769lm</td>
<td>Silver</td>
<td>4000K</td>
<td>FLEX-LENS-240-4K-50x88B</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>30769lm</td>
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</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>30769lm</td>
<td>Silver</td>
<td>5700K</td>
<td>FLEX-LENS-240-57K-50x88B</td>
</tr>
</tbody>
</table>

Dimensions 413 x 374 x 50mm  Weight 6.84Kg

FLEX-LENS is available in silver.
BLADE LED FLOODLIGHT

BLADE LED Floodlights are RoHS compliant, professional lighting products incorporating several outputs and sizes to suit many applications.

**Product Features**

- High quality SMD LED array
- Custom case for effective heat dissipation
- In house LED driver technology
- Rugged design
- IP65
- Standard stacked colour temperature 5000K
- Optional colour 3000K
- 5 years warranty
- Using Philips LUMILEDS LED chip

**Available Variants**

- Integral Dusk to Dawn
  - Available for 150, 200 & 240W models.

- Coloured Lens
  - Coloured lenses are available for 150 – 300W models in Red, Green, Blue and Amber (SON effect).

**Available Accessories**

- Wire Guard
  - A steel mesh guard can be fitted as an option to protect the lens or can be retro fitted.

- Anti-glare Cover
  - The BLADE is available with an optional anti-glare cover which limits peripheral glare.

- Motion Sensor Kit
  - A motion sensor is available for the BLADE as a retro fit.

- Adjustable bracket
  - with 180° transition for versatile installation.

- Integral Dusk to Dawn Sensor
  - is available for 50W – 240W models as an option.
### BLADE-150

<table>
<thead>
<tr>
<th>Power</th>
<th>Input Voltage</th>
<th>Beam Angle</th>
<th>CRI</th>
<th>Lumen Output</th>
<th>Fitting Colour</th>
<th>Colour</th>
<th>Part Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>150W</td>
<td>220-240V</td>
<td>110°</td>
<td>&gt;80</td>
<td>19500lm</td>
<td>Black</td>
<td>4750-5250K</td>
<td>BLADE150-16000</td>
</tr>
</tbody>
</table>

Dimensions 411 x 319 x 90mm  
Weight 7.5Kg

### BLADE-200

<table>
<thead>
<tr>
<th>Power</th>
<th>Input Voltage</th>
<th>Beam Angle</th>
<th>CRI</th>
<th>Lumen Output</th>
<th>Fitting Colour</th>
<th>Colour</th>
<th>Part Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>200W</td>
<td>220-240V</td>
<td>110°</td>
<td>&gt;80</td>
<td>26000lm</td>
<td>Black</td>
<td>4750-5250K</td>
<td>BLADE200-23000</td>
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</table>

Dimensions 411 x 319 x 90mm  
Weight 7.8Kg

### BLADE-240

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<th>Beam Angle</th>
<th>CRI</th>
<th>Lumen Output</th>
<th>Fitting Colour</th>
<th>Colour</th>
<th>Part Code</th>
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</thead>
<tbody>
<tr>
<td>240W</td>
<td>220-240V</td>
<td>110°</td>
<td>&gt;80</td>
<td>30000lm</td>
<td>Black</td>
<td>4750-5250K</td>
<td>BLADE240-26500</td>
</tr>
</tbody>
</table>

Dimensions 411 x 319 x 90mm  
Weight 7.8Kg

### BLADE-300

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<thead>
<tr>
<th>Power</th>
<th>Input Voltage</th>
<th>Beam Angle</th>
<th>CRI</th>
<th>Lumen Output</th>
<th>Fitting Colour</th>
<th>Colour</th>
<th>Part Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>300W</td>
<td>220-240V</td>
<td>110°</td>
<td>&gt;80</td>
<td>36600lm</td>
<td>Black</td>
<td>4750-5250K</td>
<td>BLADE300-32200</td>
</tr>
</tbody>
</table>

Dimensions 411 x 319 x 90mm  
Weight 8.9Kg

### Available Variants

**DD Suffix - Integral Dusk to Dawn Sensor**  
Available for 150, 200 & 240W models, this optional Dusk to Dawn sensor will ensure your BLADE floodlight automatically switches on at dusk and off again at dawn, lighting your outdoor space only during the hours of need.

<table>
<thead>
<tr>
<th>BLADExxxx-yyyyy-DD</th>
<th>Dusk to Dawn</th>
</tr>
</thead>
</table>

**Coloured Lens**  
Coloured lenses are available for 150 ~ 300W models in Red, Green, Blue and Amber (SON effect).

<table>
<thead>
<tr>
<th>BLADExxxx-yyyyy-A</th>
<th>Amber coloured lens</th>
</tr>
</thead>
<tbody>
<tr>
<td>BLADExxxx-yyyyy-B</td>
<td>Blue coloured lens</td>
</tr>
<tr>
<td>BLADExxxx-yyyyy-R</td>
<td>Red coloured lens</td>
</tr>
<tr>
<td>BLADExxxx-yyyyy-G</td>
<td>Green coloured lens</td>
</tr>
</tbody>
</table>

**3000K Warm White**  
3000K warm white available suffix - 3K

Call sales on 0118 9408 703 for further information.
TEC LED FLOODLIGHT

**Die cast aluminium case**
gives a robust finish and with a high quality white powder coating, offers a very attractive fitting which would look good in any environment.

**OPTIONAL FEATURE**

**24VDC input (Optional)**
The 30 & 50 watt versions of the TEC Floodlight can be ordered with a 24Vdc input in place of the mains input allowing the fitting to be used on yachts and larger sea going craft.

**Our robust LED TEC floodlight series is 'salt spray' tested and designed for salt and moisture laden environments.**

**Tempered glass.**

**The 180° adjustable bracket makes the TEC floodlight easy to install at the required angle.**

The TEC comes pre-cabled with 600mm of 3 core AC cable and being installed with the use of waterproof junction tubes, can be provided with a higher ingress protection rating of IP68. [Waterproof IP68 junction tubes are sold separately].

**Product Features**

- Designed for coastal resorts (salt spray tested); indoor swimming pools; outdoor swimming pools and lido’s; marinas; sewage treatment works and mining
- Bright lumen output, low glare
- High efficiency LED SMD Chip
- Energy savings of >85% and low maintenance costs
- Suitable for domestic, commercial and industrial external lighting applications
- Long life 50,000 hours
- 100° beam angle
- Available with 24Vdc input
- Salt spray protection
- IP65 rating
## LED FLOODLIGHTS

<table>
<thead>
<tr>
<th>Model</th>
<th>Power</th>
<th>Input Voltage</th>
<th>Beam Angle</th>
<th>CRI</th>
<th>Lumen Output</th>
<th>Fitting Colour</th>
<th>Colour</th>
<th>Part Code</th>
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<tbody>
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<td><strong>TEC15</strong></td>
<td>15W</td>
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<td>100°</td>
<td>&gt;82</td>
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<td>White</td>
<td>4000K</td>
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<td></td>
<td></td>
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<td>4000K</td>
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</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>1300lm</td>
<td></td>
<td>4000K</td>
<td></td>
</tr>
<tr>
<td><strong>TEC30</strong></td>
<td>30W</td>
<td>220-240V</td>
<td>100°</td>
<td>&gt;82</td>
<td>2400lm</td>
<td>White</td>
<td>4000K</td>
<td>TEC-30N</td>
</tr>
<tr>
<td></td>
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<td></td>
<td></td>
<td></td>
<td>2400lm</td>
<td></td>
<td>4000K</td>
<td></td>
</tr>
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<td></td>
<td></td>
<td>2400lm</td>
<td></td>
<td>4000K</td>
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</tr>
<tr>
<td><strong>TEC50</strong></td>
<td>50W</td>
<td>220-240V</td>
<td>100°</td>
<td>&gt;82</td>
<td>3900lm</td>
<td>White</td>
<td>4000K</td>
<td>TEC-50N</td>
</tr>
<tr>
<td></td>
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<td></td>
<td></td>
<td></td>
<td>3900lm</td>
<td></td>
<td>4000K</td>
<td></td>
</tr>
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<td></td>
<td></td>
<td></td>
<td></td>
<td>3900lm</td>
<td></td>
<td>4000K</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>3900lm</td>
<td></td>
<td>4000K</td>
<td></td>
</tr>
</tbody>
</table>

- **Dimensions**: 170 x 110 x 28mm
- **Weight**: 0.71Kg

- **Dimensions**: 230 x 150 x 40mm
- **Weight**: 1.5Kg

- **Dimensions**: 290 x 190 x 40mm
- **Weight**: 1.5Kg
LED STREET AND PATHFINDER lights offer high quality LED power solutions for fast and low speed roads, paved and outside expansive areas. High brightness of up to 21000 lumens can be achieved while enabling significant energy and carbon reductions.

STREET’s superior smooth aluminium alloy body is ideal for industrial environments and would not accumulate dust and sand.

High performance design with LumiLEDs chip providing 140lm/W.

Compatible with NEMA cloud-based smart control solutions.

Mounting adjustable -15° to +15°.

### STREET & PATHFINDER HIGH LUMEN LED STREET & PATH LIGHT

<table>
<thead>
<tr>
<th>Power</th>
<th>Input Voltage</th>
<th>Power Factor</th>
<th>CRI</th>
<th>Lumen Output</th>
<th>Fitting Colour</th>
<th>Colour</th>
<th>Part Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>30W</td>
<td>220-240V</td>
<td>0.95</td>
<td>70</td>
<td>4200lm</td>
<td>Black</td>
<td>4000K</td>
<td>PAT10-030</td>
</tr>
<tr>
<td>60W</td>
<td>220-240V</td>
<td>0.90</td>
<td>70</td>
<td>8400lm</td>
<td>Black</td>
<td>4000K</td>
<td>PAT10-060</td>
</tr>
</tbody>
</table>

Dimensions 562 x 240 x 86mm

**PATHFINDER30**

**PATHFINDER60**
14 LED STREET LIGHTS

Product Features

- Energy saving, low maintenance
- IP66 rated for external applications
- 10kV surge protection as standard
- Available with or without NEMA sockets
- Spigot fittings for all standard post sizes
- System design integrating power, driver and LED light modules
- LED life of 50,000 hours
- Easy installation & low maintenance

<table>
<thead>
<tr>
<th>Power</th>
<th>Input Voltage</th>
<th>Power Factor</th>
<th>CRI</th>
<th>Lumen Output</th>
<th>Fitting Colour</th>
<th>Colour</th>
<th>Part Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>STREET90</td>
<td>90W</td>
<td>220-240V</td>
<td>0.95</td>
<td>70</td>
<td>12600lm</td>
<td>Black</td>
<td>4000K</td>
</tr>
<tr>
<td>Dimensions</td>
<td>624 x 313 x 106mm</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Power</th>
<th>Input Voltage</th>
<th>Power Factor</th>
<th>CRI</th>
<th>Lumen Output</th>
<th>Fitting Colour</th>
<th>Colour</th>
<th>Part Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>STREET120</td>
<td>120W</td>
<td>220-240V</td>
<td>0.95</td>
<td>70</td>
<td>16800lm</td>
<td>Black</td>
<td>4000K</td>
</tr>
<tr>
<td>Dimensions</td>
<td>731 x 312 x 106mm</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Power</th>
<th>Input Voltage</th>
<th>Power Factor</th>
<th>CRI</th>
<th>Lumen Output</th>
<th>Fitting Colour</th>
<th>Colour</th>
<th>Part Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>STREET150</td>
<td>150W</td>
<td>220-240V</td>
<td>0.95</td>
<td>70</td>
<td>21000lm</td>
<td>Black</td>
<td>4000K</td>
</tr>
<tr>
<td>Dimensions</td>
<td>731 x 312 x 106mm</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
E SERIES HIGH LUMEN LED SPORTS STADIUM & AREA LIGHTS

‘E’ Series project floodlights are available in 100~1200W at 126lm/W providing up to 151200 lumens where a high level of brightness for sports stadiums and expansive area lighting can be achieved.

Available in colour temperatures of 2700~6500K (standard 5700K).

Excellent Luminous efficiency 126lm/W provided with Philips high quality LUMILEDS SMD 3030 LED chip, 112 pieces per 100W module.

Uniquely designed aluminium body for superior heat management.

Universal input 90~305Vac 50/60Hz using Meanwell HLG drivers.

A range of polycarbonate lenses for the best optics.

Stainless steel fixings on all modules to eliminate corrosion.

E series lights are a project product on a fixed bracket for use in interior or exterior environments.

---

E SERIES-100W

<table>
<thead>
<tr>
<th>Power</th>
<th>Input Voltage</th>
<th>Power Factor</th>
<th>Beam Angle</th>
<th>CRI</th>
<th>Lumen Output</th>
<th>Fitting Colour</th>
<th>Colour</th>
</tr>
</thead>
<tbody>
<tr>
<td>100W</td>
<td>90-305V</td>
<td>0.95</td>
<td>25°/30°/45°/60°/90°/120°</td>
<td>&gt;80Ra</td>
<td>12600lm</td>
<td>Black</td>
<td>5700K</td>
</tr>
</tbody>
</table>

Dimensions 272 x 157 x 84mm

---

E SERIES-200W

<table>
<thead>
<tr>
<th>Power</th>
<th>Input Voltage</th>
<th>Power Factor</th>
<th>Beam Angle</th>
<th>CRI</th>
<th>Lumen Output</th>
<th>Fitting Colour</th>
<th>Colour</th>
</tr>
</thead>
<tbody>
<tr>
<td>200W</td>
<td>90-305V</td>
<td>0.95</td>
<td>25°/30°/45°/60°/90°/120°</td>
<td>&gt;80Ra</td>
<td>25200lm</td>
<td>Black</td>
<td>5700K</td>
</tr>
</tbody>
</table>

Dimensions 272 x 199 x 157mm
### E SERIES-300W

<table>
<thead>
<tr>
<th>Power</th>
<th>Input Voltage</th>
<th>Power Factor</th>
<th>Beam Angle</th>
<th>CRI</th>
<th>Lumen Output</th>
<th>Fitting Colour</th>
<th>Colour</th>
</tr>
</thead>
<tbody>
<tr>
<td>300W</td>
<td>90-305V</td>
<td>0.95</td>
<td>25°/30°/45°/60°/90°/120°</td>
<td>&gt;80Ra</td>
<td>37800lm</td>
<td>Black</td>
<td>5700K</td>
</tr>
</tbody>
</table>

Dimensions: 272 x 314 x 181mm

### E SERIES-400W

<table>
<thead>
<tr>
<th>Power</th>
<th>Input Voltage</th>
<th>Power Factor</th>
<th>Beam Angle</th>
<th>CRI</th>
<th>Lumen Output</th>
<th>Fitting Colour</th>
<th>Colour</th>
</tr>
</thead>
<tbody>
<tr>
<td>400W</td>
<td>90-305V</td>
<td>0.95</td>
<td>25°/30°/45°/60°/90°/120°</td>
<td>&gt;80Ra</td>
<td>50400lm</td>
<td>Black</td>
<td>5700K</td>
</tr>
</tbody>
</table>

Dimensions: 564 x 199 x 181mm

### E SERIES-500W

<table>
<thead>
<tr>
<th>Power</th>
<th>Input Voltage</th>
<th>Power Factor</th>
<th>Beam Angle</th>
<th>CRI</th>
<th>Lumen Output</th>
<th>Fitting Colour</th>
<th>Colour</th>
</tr>
</thead>
<tbody>
<tr>
<td>500W</td>
<td>90-305V</td>
<td>0.95</td>
<td>25°/30°/45°/60°/90°/120°</td>
<td>&gt;80Ra</td>
<td>63000lm</td>
<td>Black</td>
<td>5700K</td>
</tr>
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</table>

Dimensions: 544 x 272 x 181mm

### E SERIES-600W

<table>
<thead>
<tr>
<th>Power</th>
<th>Input Voltage</th>
<th>Power Factor</th>
<th>Beam Angle</th>
<th>CRI</th>
<th>Lumen Output</th>
<th>Fitting Colour</th>
<th>Colour</th>
</tr>
</thead>
<tbody>
<tr>
<td>600W</td>
<td>90-305V</td>
<td>0.95</td>
<td>25°/30°/45°/60°/90°/120°</td>
<td>&gt;80Ra</td>
<td>75600lm</td>
<td>Black</td>
<td>5700K</td>
</tr>
</tbody>
</table>

Dimensions: 564 x 314 x 181mm
**Product Features**

- IP65 rated for external applications
- Project product can be mounted in multiple modules mounted on a single heavy duty bracket
- Heavy duty steel brackets for secure mounting
- LED life of 50,000 hours
- Easy installation & low maintenance
- Available in colour temperatures of 2700 ~ 6500K (standard 5700K)
- 5 years warranty
- Using Philips LUMILEDS LED chip

---

**E SERIES-800W**

- **Power**: 800W
- **Input Voltage**: 90-305V
- **Power Factor**: 0.95
- **Beam Angle**: 25°/30°/45°/60°/90°/120°
- **CRI**: >80Ra
- **Lumen Output**: 100800lm
- **Fitting Colour**: Black
- **Colour**: 5700K

Dimensions: 564 x 429 x 181mm

---

**E SERIES-1000W**

- **Power**: 1000W
- **Input Voltage**: 90-305V
- **Power Factor**: 0.95
- **Beam Angle**: 25°/30°/45°/60°/90°/120°
- **CRI**: >80Ra
- **Lumen Output**: 126000lm
- **Fitting Colour**: Black
- **Colour**: 5700K

Dimensions: 564 x 544 x 181mm

---

**E SERIES-1200W**

- **Power**: 1200W
- **Input Voltage**: 90-305V
- **Power Factor**: 0.95
- **Beam Angle**: 25°/30°/45°/60°/90°/120°
- **CRI**: >80Ra
- **Lumen Output**: 151200lm
- **Fitting Colour**: Black
- **Colour**: 5700K

Dimensions: 564 x 659 x 180mm
T SERIES HIGH LUMEN LED SPORTS STADIUM & AREA LIGHTS

‘T’ Series project floodlights are available in 200~1200W at 126lm/W providing up to 151200 lumens where a high level of brightness for sports stadiums and expansive area lighting can be achieved.

Available in colour temperatures of 2700~6500K (standard 5700K).

Uniquely designed aluminium body for superior heat management.

Excellent Luminous efficiency 126lm/W provided with Philips high quality LUMILEDS SMD 3030 LED chip, 112 pieces per 100W module.

Universal input 90~305Vac 50/60Hz using Meanwell HLG drivers.

A range of polycarbonate lenses for the best optics.

Stainless steel fixings on all modules to eliminate corrosion.

T series lights are a project product on unique mounting brackets which allows for each module to be rotated for optimum coverage.

### T SERIES-200W

<table>
<thead>
<tr>
<th>Power</th>
<th>Input Voltage</th>
<th>Power Factor</th>
<th>Beam Angle</th>
<th>CRI</th>
<th>Lumen Output</th>
<th>Fitting Colour</th>
<th>Colour</th>
</tr>
</thead>
<tbody>
<tr>
<td>200W</td>
<td>90-305V</td>
<td>0.95</td>
<td>25°/30°/45°/60°/90°/120°</td>
<td>&gt;80Ra</td>
<td>25200lm</td>
<td>Black</td>
<td>5700K</td>
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</table>

Dimensions 320 x 355 x 229mm

### T SERIES-300W

<table>
<thead>
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<th>Power</th>
<th>Input Voltage</th>
<th>Power Factor</th>
<th>Beam Angle</th>
<th>CRI</th>
<th>Lumen Output</th>
<th>Fitting Colour</th>
<th>Colour</th>
</tr>
</thead>
<tbody>
<tr>
<td>300W</td>
<td>90-305V</td>
<td>0.95</td>
<td>25°/30°/45°/60°/90°/120°</td>
<td>&gt;80Ra</td>
<td>37800lm</td>
<td>Black</td>
<td>5700K</td>
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</table>

Dimensions 320 x 355 x 229mm
<table>
<thead>
<tr>
<th>Power</th>
<th>Input Voltage</th>
<th>Power Factor</th>
<th>Beam Angle</th>
<th>CRI</th>
<th>Lumen Output</th>
<th>Fitting Colour</th>
<th>Colour</th>
</tr>
</thead>
<tbody>
<tr>
<td>T SERIES-400W</td>
<td>400W</td>
<td>90-305V</td>
<td>0.95</td>
<td>25°/30°/45°/60°/90°/120°</td>
<td>&gt;80Ra</td>
<td>50400lm</td>
<td>Black</td>
</tr>
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<td></td>
<td></td>
<td></td>
<td>5700K</td>
<td>5700K</td>
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<tr>
<td>Dimensions</td>
<td>550 x 375 x 395mm</td>
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<td></td>
</tr>
<tr>
<td>T SERIES-400W-2</td>
<td>400W</td>
<td>90-305V</td>
<td>0.95</td>
<td>25°/30°/45°/60°/90°/120°</td>
<td>&gt;80Ra</td>
<td>50400lm</td>
<td>Black</td>
</tr>
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<td>5700K</td>
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<tr>
<td>Dimensions</td>
<td>642 x 296 x 261mm</td>
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<td></td>
</tr>
<tr>
<td>T SERIES-500W</td>
<td>500W</td>
<td>90-305V</td>
<td>0.95</td>
<td>25°/30°/45°/60°/90°/120°</td>
<td>&gt;80Ra</td>
<td>63000lm</td>
<td>Black</td>
</tr>
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<td>5700K</td>
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<td>Dimensions</td>
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</tr>
<tr>
<td>T SERIES-600W</td>
<td>600W</td>
<td>90-305V</td>
<td>0.95</td>
<td>25°/30°/45°/60°/90°/120°</td>
<td>&gt;80Ra</td>
<td>75600lm</td>
<td>Black</td>
</tr>
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<td>5700K</td>
<td>5700K</td>
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<tr>
<td>Dimensions</td>
<td>642 x 314 x 261mm</td>
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<td></td>
</tr>
<tr>
<td>T SERIES-800W</td>
<td>800W</td>
<td>90-305V</td>
<td>0.95</td>
<td>25°/30°/45°/60°/90°/120°</td>
<td>&gt;80Ra</td>
<td>100800lm</td>
<td>Black</td>
</tr>
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<td></td>
<td>5700K</td>
<td>5700K</td>
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<tr>
<td>Dimensions</td>
<td>642 x 429 x 279mm</td>
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<td></td>
<td></td>
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</tbody>
</table>
### Product Features

- IP65 rated for external applications
- Project product can be mounted in multiple modules mounted on a single heavy duty bracket
- Unique mounting brackets which allows for each module to rotated for optimum coverage
- LED life of 50,000 hours
- Easy installation & low maintenance
- Available in colour temperatures of 2700 ~ 6500K (standard 5700K)
- 5 years warranty
- Using Philips LUMILEDS LED chip

#### T SERIES-1000W

<table>
<thead>
<tr>
<th>Power</th>
<th>Input Voltage</th>
<th>Power Factor</th>
<th>Beam Angle</th>
<th>CRI</th>
<th>Lumen Output</th>
<th>Fitting Colour</th>
<th>Colour</th>
</tr>
</thead>
<tbody>
<tr>
<td>1000W</td>
<td>90-305V</td>
<td>0.95</td>
<td>25°/30°/45°/60°/90°/120°</td>
<td>&gt;80Ra</td>
<td>126000lm</td>
<td>Black</td>
<td>5700K</td>
</tr>
</tbody>
</table>

Dimensions 642 x 619 x 251mm

#### T SERIES-1200W

<table>
<thead>
<tr>
<th>Power</th>
<th>Input Voltage</th>
<th>Power Factor</th>
<th>Beam Angle</th>
<th>CRI</th>
<th>Lumen Output</th>
<th>Fitting Colour</th>
<th>Colour</th>
</tr>
</thead>
<tbody>
<tr>
<td>1200W</td>
<td>90-305V</td>
<td>0.95</td>
<td>25°/30°/45°/60°/90°/120°</td>
<td>&gt;80Ra</td>
<td>151200lm</td>
<td>Black</td>
<td>5700K</td>
</tr>
</tbody>
</table>

Dimensions 642 x 659 x 251mm
IDIS LED WALL PACK

- 120° light distribution
- Up to 88Lm/W
- Ultra robust aluminium design
- IP65 ingress protected
- Excellent optical design
- Long service life
- Uses less power than fluorescent alternatives
- 3 hour emergency and microwave sensor options available
- Surface and pendant mounting for ease of installation
- Designed for commercial premises and offices, corridors, exterior areas, stairwells, hotel leisure and healthcare environments and social housing

The IDIS exterior wall pack has a compact design and comes in 4 sizes and with a range of lumen outputs from 650~1400lm. The IDI-1500 & IDI-C1500 models are offered with a microwave sensor for presence detection and 3 hour non-maintained self test emergency as options. Ideal for installation in corridors, stairwells and exterior installation, the IDIS is also available with an eyelid version for low level environments.

Designed with robust aluminium housing and IK10 impact tested.

Eyelid cover designed to reduce glare when position at low level.

Opaque diffuser.

PowerLed®
## Product: IDI-10-14-4K

- **Power:** 14W
- **Input Voltage:** 220-240V
- **Beam Angle:** 120°
- **CRI:** >80
- **Lumen Output:** 800lm
- **Fitting Colour:** Aluminium & Black
- **Colour:** 4000K
- **Part Code:** IDI-10-14-4K

### Dimensions
- Ø 265 x 90mm

---

## Product: IDI-14-16-3C

- **Power:** 16W
- **Input Voltage:** 200-240V
- **Beam Angle:** 120°
- **CRI:** >80
- **Lumen Output:** 1400lm
- **Fitting Colour:** Aluminium & Black
- **Colour:** Selectable
  - 3000K, 4000K, 5000K
- **Part Code:** IDI-14-16-3C

### Dimensions
- Ø 365 x 141.5mm

---

## Product: IDI-14-16-3C-MS

- **Power:** 16W
- **Input Voltage:** 200-240V
- **Beam Angle:** 120°
- **CRI:** >80
- **Lumen Output:** 1400lm
- **Fitting Colour:** Aluminium & Black
- **Colour:** Selectable
  - 3000K, 4000K, 5000K
- **Part Code:** IDI-14-16-3C-MS

### Dimensions
- Ø 365 x 141.5mm

---

## Product: IDI-14-16-3C-EM

- **Power:** 16W
- **Input Voltage:** 200-240V
- **Beam Angle:** 120°
- **CRI:** >80
- **Lumen Output:** 1400lm
- **Fitting Colour:** Aluminium & Black
- **Colour:** Selectable
  - 3000K, 4000K, 5000K
- **Part Code:** IDI-14-16-3C-EM

### Dimensions
- Ø 365 x 141.5mm

---

## Product: IDI-14-16-3C-MS-EM

- **Power:** 16W
- **Input Voltage:** 200-240V
- **Beam Angle:** 120°
- **CRI:** >80
- **Lumen Output:** 1400lm
- **Fitting Colour:** Aluminium & Black
- **Colour:** Selectable
  - 3000K, 4000K, 5000K
- **Part Code:** IDI-14-16-3C-MS-EM

### Dimensions
- Ø 365 x 141.5mm
<table>
<thead>
<tr>
<th>Power</th>
<th>Input Voltage</th>
<th>Beam Angle</th>
<th>CRI</th>
<th>Lumen Output</th>
<th>Fitting Colour</th>
<th>Colour</th>
<th>Part Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>14W</td>
<td>220-240V</td>
<td>120°</td>
<td>&gt;80</td>
<td>650lm</td>
<td>Aluminium &amp; Black</td>
<td>4000K</td>
<td>IDI-C-10-14-4K</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Dimensions Ø 265 x 96mm</td>
</tr>
<tr>
<td>16W</td>
<td>200-240V</td>
<td>120°</td>
<td>&gt;80</td>
<td>1400lm</td>
<td>Aluminium &amp; Black</td>
<td>Selectable 3000K, 4000K, 5000K</td>
<td>IDI-C-14-16-3C</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Dimensions Ø 365 x 156mm</td>
</tr>
<tr>
<td>16W</td>
<td>200-240V</td>
<td>120°</td>
<td>&gt;80</td>
<td>1400lm</td>
<td>Aluminium &amp; Black</td>
<td>Selectable 3000K, 4000K, 5000K</td>
<td>IDI-C-14-16-3C-MS</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Dimensions Ø 365 x 156mm</td>
</tr>
<tr>
<td>16W</td>
<td>200-240V</td>
<td>120°</td>
<td>&gt;80</td>
<td>1400lm</td>
<td>Aluminium &amp; Black</td>
<td>Selectable 3000K, 4000K, 5000K</td>
<td>IDI-C-14-16-3C-EM</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Dimensions Ø 365 x 156mm</td>
</tr>
<tr>
<td>16W</td>
<td>200-240V</td>
<td>120°</td>
<td>&gt;80</td>
<td>1400lm</td>
<td>Aluminium &amp; Black</td>
<td>Selectable 3000K, 4000K, 5000K</td>
<td>IDI-C-14-16-3C-MS-EM</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Dimensions Ø 365 x 156mm</td>
</tr>
</tbody>
</table>
BERM TRI-COLOUR LED WALL PACK

A rugged die cast aluminium powder coated black case offers a long lasting, hard wearing design making the BERM suitable to be installed in any environment.

The BERM comes fitted with dusk to dawn photocell as standard, which will automatically turn on when the ambient light drops below a set level and turn off when the light returns.

OPTIONAL FEATURES

The BERM can be fitted with a 3 hour emergency pack as an optional extra, which means the unit will continue to illuminate at reduced power in the event of a power failure.

Available Variant

BERM40-3CEP3 Emergency 3 hour lighting

A hard wearing but durable lens cover makes the BERM easy to keep clean and it is less likely to be affected by UV light.

Choose your colour temperature from 3000K, 4000K & 5500K.

The BERM comes fitted with an opal diffuser, which will eliminate glare and reduce spotting.

A powerful 40W fitting; the BERM produces 3400 lumens to adequately light any area.

The BERM can be wired from either side for ease of fitting.

**Product Features**

- CCT selectable ~ 3000, 4000 & 5500K
- Die cast aluminium & ABS plastic
- Photo cell incorporated
- IP65
- Energy efficient
- 3400lm output through opal diffuser

**Technical Specifications**

<table>
<thead>
<tr>
<th>Power</th>
<th>Input Voltage</th>
<th>Beam Angle</th>
<th>Lumen Output</th>
<th>Fitting Colour</th>
<th>Colour</th>
<th>Part Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>40W</td>
<td>90-277V</td>
<td>120°</td>
<td>3400lm</td>
<td>Black case</td>
<td>3000/4000/5500K</td>
<td>BERM40-3C</td>
</tr>
</tbody>
</table>

Dimensions: 265 x 308 x 182mm  
Weight: 2.7Kg
LED LIGHTING ACCESSORIES & COMPONENTS

PowerLed offer a range of accessories to further enhance the use of our fittings such as stand alone PIR sensors, emergency packs and waterproof connectors.

Please discuss your requirements with our sales team should you not see the accessory that you need.
The PIR700 external motion sensor from PowerLed is a PIR sensor specifically suited to the control of LED lighting technology. With its advanced lighting control circuits, PIR700 ensures that LED floodlights are controlled safely and reliably.

Double sensor technology utilises heat sensing and movement detection meaning it is suitable for both pedestrian and vehicular monitoring. Our special lens design means that over 300 sensor zones are continuously monitored. Throughout the design, special focus has been placed on eliminating nuisance tripping and false illumination, common problems associated with lower quality PIRs. The PIR700 is ideally suited to vertical mounting, while the IP44 enclosure ensures trouble free operation in some external and all internal environments.

**Product Features**

- Designed for LED loads of up to 300W
- 180° coverage with up to 12 metres detection
- Adjustable time delay
- Adjustable ambient light level
- Prismatic lens ensures high sensitivity for accurate motion detection
- Automatically adjusts to temperature changes keeping sensitivity and coverage consistent
- Built in surge protection
- IP44 rated; suitable for interior or exterior use

<table>
<thead>
<tr>
<th>Power</th>
<th>Input Voltage</th>
<th>Detection Speed</th>
<th>Detection Range</th>
<th>Lens Design</th>
<th>Coverage</th>
<th>Fitting Colour</th>
<th>Port Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>300W</td>
<td>220-240V</td>
<td>0.6 – 1.5m/s</td>
<td>0 – 12 metres</td>
<td>Prismatic</td>
<td>180°, up to 12m (&lt;24°C)</td>
<td>Black</td>
<td>PIR700B</td>
</tr>
</tbody>
</table>

**Sensing Technology**

- Passive Infrared (PIR)

**Light Level Setting**

- 3 – 2000 lux

**Time Delay Setting**

- 10 seconds (+/-3) to 7 minutes (+/-2 Mins)

**Dimensions**

- 72.7 x 104 x 82.5mm

**Weight**

- 7.8Kg
The EP3 emergency lighting kit is suitable for LED luminaires requiring up to 400mA or with a maximum forward voltage of 60Vdc. Supplied with an integral no maintenance Ni-Cad battery, the complete assembly is designed to be used in conjunction with existing LED driver and convert any suitable light fitting into an emergency light.

LED emergency light pack designed to provide 3 hours of emergency lighting when fully charged.

<table>
<thead>
<tr>
<th>Power</th>
<th>Input Voltage</th>
<th>Input Frequency</th>
<th>Input Current</th>
<th>Ambient Temperature</th>
<th>Max. Case Temperature</th>
<th>Recharge Hours</th>
<th>Battery Type</th>
<th>Port Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>4W</td>
<td>220-240V</td>
<td>50 - 60Hz</td>
<td>40mA</td>
<td>-25°C to +50°C</td>
<td>75°C</td>
<td>20hrs</td>
<td>Ni-Cad 3.6V 4Ah</td>
<td>EP3KIT</td>
</tr>
<tr>
<td>Power Factor</td>
<td>0.5</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Charge Current (Typ.)</td>
<td>200mA</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>EM LED Current</td>
<td>400 - 40mA</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>EM LED Voltage</td>
<td>6 - 60V (2-20 LEDs)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>EM LED Power</td>
<td>3.0W</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Weight 184g

Product Features
- Intelligent automatic recharging function
- Automatic output current adjustment
- Constant current operation
- Wide 6-60V LED voltage range
- 3 hour emergency operation
- LED charge status display
- Deep discharge protection
- Test switch with self-test function
- Built-in compact design
- Suitable for LED luminaire with external driver
- Non-maintained LED emergency kit
- 3hr battery included in EP3KIT
EP10 EMERGENCY COMPONENTS

Our 10W EP10 components are suitable for LED luminaires with an external driver. Maintaining power during any mains failure, our innovative EP10CU and EP10BATT will take over and provide power for a three hour emergency operation in a constant current mode. With a built in compact design, the emergency battery incorporates a test switch with self test and an intelligent automatic recharging function. Status can be seen visually via an LED charge status display.

Recommended battery - EP10BATT

EP10 3 hour battery pack.
EP10BATT
Ni-Cd 9.6V 4000mAh.
Dimension: 280 x 60mm

<table>
<thead>
<tr>
<th>Power</th>
<th>Input Voltage</th>
<th>Input Frequency</th>
<th>Input Current</th>
<th>Ambient Temperature</th>
<th>Max. Case Temperature</th>
<th>Recharge Hours</th>
<th>Battery Type</th>
<th>Part Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>5W</td>
<td>220-240V</td>
<td>50 ~ 60Hz</td>
<td>40mA</td>
<td>-25°C to +50°C</td>
<td>70°C</td>
<td>20hrs</td>
<td>Ni-Cd 9.6V 4000mAh (not included)</td>
<td>EP10</td>
</tr>
</tbody>
</table>

- **Power Factor:** 0.5
- **Charge Current (Typ.):** 300mA
- **EM LED Current:** 500 ~ 80mA
- **EM LED Voltage:** 6 ~ 60V
- **EM LED Power:** 10W

**Product Features**
- Designed to power any LED fitting under emergency fittings
- Maximum 10W power for 3 hours
- Intelligent automatic recharging self test button including

**Weight:** 184g
ICONS WATERPROOF CONNECTORS

Designed for terminating LED connections; our range of IP68 ICON waterproof connectors enable easy, effective installation of LED lighting in areas requiring high ingress protection levels such as environments prone to moisture.

JUNCTION BOX WITH TERMINAL BLOCK - 5 POLES - ICON-BOX

Sealing Gasket | Contact | Technical | Blocks | Fitting Colour | Housing | Part Code
---|---|---|---|---|---|---
Silicon | Copper, Nickel Plated | 250V, PTI 250, T85 | 5 Pole | Black/Clear | Polyamide PA66, UL94-V0 | ICON-BOX

Dimensions 72 x 63 x 36mm (overall length ~ 130mm)

2 WAY - ICON-THRU

Sealing Gasket | Contact | Technical | Blocks | Fitting Colour | Housing | Part Code
---|---|---|---|---|---|---
Silicon | Copper, Nickel Plated | 450V, PTI 250, T85 | 5 Pole | Black | Polyamide PA66, UL94-V0 | ICON-THRU

Dimensions 116.5 x Ø 32.5mm

2 WAY - ICON-THRU-3

Sealing Gasket | Contact | Technical | Blocks | Fitting Colour | Housing | Part Code
---|---|---|---|---|---|---
Silicon | Copper, Nickel Plated | 450V, PTI 250, T85 | 3 Pole | Black | Polyamide PA66, UL94-V0 | ICON-THRU-3

Dimensions 81 x Ø 24mm

2 WAY 3 - 4 POLE - ICON-LOCK

Sealing Gasket | Contact | Technical | Blocks | Fitting Colour | Housing | Part Code
---|---|---|---|---|---|---
Silicon | Copper, Nickel Plated | 450V, PTI 250, T85 | 3 Pole | Black | Polyamide PA66, UL94-V0 | ICON-LOCK-3
Silicon | Copper, Nickel Plated | 450V, PTI 250, T85 | 4 Pole | Black | Polyamide PA66, UL94-V0 | ICON-LOCK-4

Keyed locking mechanism for ease of use

Dimensions 94 x Ø 24mm

3 WAY 3 - 5 POLE - ICON-TEE

Sealing Gasket | Contact | Technical | Fitting Colour | Housing | Part Code
---|---|---|---|---|---
Silicon | Copper, Nickel Plated | 250~450V, PTI 250, T85 | Black | Polyamide PA66, UL94-V0 | ICON-TEE

Dimensions 116.5 x 90 x Ø 27mm

Product Features

- Designed for use in areas requiring high ingress protection
- Wire cable specification ~ Ø 5mm (min) / Ø14mm (max) / Ø 5mm (min) Ø12mm (ICON-LOCK)
- IP68 at 2 bar
- Keyed locking mechanism for ease of use (ICON-LOCK-3 & ICON-LOCK-4)
- Screw fitting termination
- 3 years warranty
Welcome to the PowerLed® range.

We design and manufacture unique LED lighting products of a high quality; bringing several advantages to lighting applications including energy savings, reduced maintenance and an overall reduction in the cost of ownership when compared with more traditional incandescent and halogen bulbs.

COMMERCIAL LED LIGHTING

PowerLed offer an extensive range of high quality LED Commercial lighting including LED Light Tiles, LED Battens and Wall/Ceiling mounted lights.

We provide a professional range of services including bespoke lighting design schemes, technical support by phone or online and a nationwide distributor network.

We make every effort to ensure the information provided is accurate however we cannot be held responsible for errors. Specifications are subject to change without notice; please ensure you conduct testing to ensure the product is suitable for your intended application.

Our catalogue is printed on paper sourced from certified sustainable forests with vegetable-based soya inks.
Engineered to perform.

With 20 years of electronics expertise and over seven years in lighting and luminaries, we are proud to offer UK quality control and support, backed by lean, high-tech manufacturing techniques, ensuring our products deliver excellence every time.

We achieve high reliability, professional LED fixtures based on our own technology platform of the LED driver and deliver an end product without compromise, supported by UK stock, project support and after sales, with factories and systems accredited to ISO9001.

If we do not already have a stock product to offer from our extensive range, we can design custom luminaires to fit specific space envelopes, designs, budgets or performances with total peace of mind that whole life support is assured. Call PowerLed today to find out more about products designed to last.

Orion House, Calleva Park, Aldermaston, Berkshire RG7 8SN.
www.PowerLed.uk.com Tel: 0118 9408703

Our reputation is built on our quality.