Engineered to perform.

With 20 years of designing specific LED profiles 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, 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
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.

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

LED FLEXIBLE TAPE

PowerLed offer high quality LED Flexible Tape which has been developed to provide options in light, colour and intensity, as well as ingress protection, to make suitable for a wide array of installations. Built using precise LED binning and supplied in cuttable reels these tapes are a flexible and reliable solution to many lighting installations.

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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PowerLed’s product catalogue range

LED DOWNLIGHTS & LIGHT BARS
- Downlights
- Light bars
- Emergency kits

LED COMMERCIAL LIGHTING
- Batten lights
- Light tiles
- Wall/celling lights
- Emergency kits
- Microwave sensors

LED FLEXIBLE TAPE
- Flexible tape
- Constant voltage & dimming drivers
- LED colour controllers
- LED tape connectors
- Aluminium extrusions

LED DRIVERS & CONTROLLERS
- Constant voltage & dimming drivers
- LED colour controllers
- DALI controllers
- DMX controllers
- LED controller kits
- LED desktop drivers
- Display drivers

INDUSTRIAL & OUTDOOR LIGHTING
- Floodlights
- Street & pathfinder lights
- Sports & area lighting
- Wall pack lights
- Emergency kits
- PIR sensors
- Waterproof connectors

LED HIGHBAY, LOWBAY & LINEAR LIGHTS
- Highbay lights
- Lowbay lights
- Emergency kits
- Microwave sensors
- Waterproof connectors
ECO 5M & 2M FLEXIBLE LED TAPE AND KITS

Our LED Flexible Tape offering has been developed to provide options in light colour and intensity, as well as ingress protection, to make suitable for a wide array of installations. Built using precise LED binning and supplied in cuttable reels, these tapes are a flexible and reliable solution to many lighting needs.

ECO 5M - 30 LEDS PER METRE

<table>
<thead>
<tr>
<th>Power per Metre</th>
<th>Input Voltage</th>
<th>Beam Angle</th>
<th>Cuttable Length</th>
<th>LEDs per Metre</th>
<th>Lumen Output</th>
<th>Colour</th>
<th>Part Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.4W</td>
<td>12Vdc</td>
<td>120°</td>
<td>100mm</td>
<td>30</td>
<td>190lm</td>
<td>5900 - 6100K</td>
<td>F0-11-35-1-30-FB-20</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>160lm</td>
<td>3900 - 4100K</td>
<td>D0-11-35-1-30-FB-20</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>140lm</td>
<td>2400 - 2600K</td>
<td>B5-11-35-1-30-FB-20</td>
</tr>
</tbody>
</table>

Power: 12W
Input Voltage: 220V ~ 240VAC
Input Frequency: 47/63 Hz
Power Factor: 0.80
Voltage: 12Vdc
Current Range: 0 ~ 1.0A
Efficiency: 80%
Connections: Screw terminal on I/P & O/P
Part Code: PCV1212

Dimensions: LED Tape 2000 x 8mm
Driver: 98 x 39 x 22mm

Product Features
- Energy saving
- Compact tape with SMD LED technology
- IP20 rated
- Available in Cool White, Warm White and Super Warm White
- High reliability & efficiency
- 30 LEDs per metre
- Cuttable every 100mm
- 120° beam angle
**ACCENT LED FLEXIBLE TAPE**

Multiple applications for commercial and residential environments and available in IP20 and IP65.

Precise LED binning enables consistent colour temperature from batch to batch.

Compact LED tape with SMD LED technology.

Epistar LEDs.

---

**ACCENT WHITE - LOW POWER**

<table>
<thead>
<tr>
<th>Power per Metre</th>
<th>Input Voltage</th>
<th>Beam Angle</th>
<th>Cuttable Length</th>
<th>LEDs per Metre</th>
<th>Lumen Output</th>
<th>Colour</th>
<th>Part Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>4.8W</td>
<td>12Vdc</td>
<td>120°</td>
<td>50mm</td>
<td>60</td>
<td>380lm</td>
<td>6000K</td>
<td>F10-C3528-12-60</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>320lm</td>
<td>3000K</td>
<td>F10-W3528-12-60</td>
</tr>
</tbody>
</table>

LED Flexible Tape IP rating part codes
- F10-W3528-12-60-20 ~ IP20
- F10-W3528-12-60-65 ~ IP65

Dimensions 5000 x 10mm

---

**ACCENT COLOUR - LOW POWER**

<table>
<thead>
<tr>
<th>Power per Metre</th>
<th>Input Voltage</th>
<th>Beam Angle</th>
<th>Cuttable Length</th>
<th>LEDs per Metre</th>
<th>Lumen Output</th>
<th>Colour</th>
<th>Wave Length</th>
<th>Part Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>4.8W</td>
<td>12Vdc</td>
<td>120°</td>
<td>50mm</td>
<td>60</td>
<td>90lm</td>
<td>Red</td>
<td>620nm</td>
<td>F10-R3528-12-60</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>180lm</td>
<td>Green</td>
<td>520nm</td>
<td>F10-G3528-12-60</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>60lm</td>
<td>Blue</td>
<td>470nm</td>
<td>F10-B3528-12-60</td>
</tr>
</tbody>
</table>

LED Flexible Tape IP rating part codes
- F10-R3528-12-60-20 ~ IP20
- F10-R3528-12-60-65 ~ IP65

Dimensions 5000 x 10mm

---

**Product Features**

- Our IP65 option is encapsulated in a UV stable polyurethane coating, ensuring that it will not discolour over time as well as providing a scratch resistant finish, for a longer life.
- Epistar LEDs.
- 10mm PCB for excellent heat management.
- 50,000 hours working life.
- Precise LED binning enables consistent colour temperature from batch to batch.
- Easy installation.
- Multiple applications for commercial and residential environments.
- High grade 3M VHB ultra adhesive backing tape.
- T.C point for accurate thermal management.
Product Catalogue 2019  LED FLEXIBLE TAPE

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ACCENT RGB - LOW POWER

<table>
<thead>
<tr>
<th>Power per Metre</th>
<th>Input Voltage</th>
<th>Beam Angle</th>
<th>Cuttable Length</th>
<th>LEDs per Metre</th>
<th>Lumen Output</th>
<th>Colour</th>
<th>Part Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>7.2W</td>
<td>12Vdc</td>
<td>120°</td>
<td>100mm</td>
<td>30</td>
<td>250lm</td>
<td>RGB</td>
<td>F10-RGB5050-12-30</td>
</tr>
</tbody>
</table>

LED Flexible Tape IP rating part codes
ie: F10-RGB5050-12:30:20 ~ IP20
F10-RGB5050-12:30:65 ~ IP65

Dimensions 5000 x 10mm

ACCENT WHITE - HIGH POWER

<table>
<thead>
<tr>
<th>Power per Metre</th>
<th>Input Voltage</th>
<th>Beam Angle</th>
<th>Cuttable Length</th>
<th>LEDs per Metre</th>
<th>Lumen Output</th>
<th>Colour</th>
<th>Part Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>14.4W</td>
<td>24Vdc</td>
<td>120°</td>
<td>100mm</td>
<td>60</td>
<td>1200lm</td>
<td>6000K</td>
<td>F10-C5050-24-60</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>1100lm</td>
<td>3000K</td>
<td>F16-W5050-24-60</td>
</tr>
</tbody>
</table>

LED Flexible Tape IP rating part codes
ie: F10-W5050-24:60:20 ~ IP20
F10-W5050-24:60:65 ~ IP65

Dimensions 5000 x 10mm

ACCENT RGB - HIGH POWER

<table>
<thead>
<tr>
<th>Power per Metre</th>
<th>Input Voltage</th>
<th>Beam Angle</th>
<th>Cuttable Length</th>
<th>LEDs per Metre</th>
<th>Lumen Output</th>
<th>Colour</th>
<th>Part Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>14.4W</td>
<td>24Vdc</td>
<td>120°</td>
<td>100mm</td>
<td>60</td>
<td>500lm</td>
<td>RGB</td>
<td>F10-RGB5050-24-60</td>
</tr>
</tbody>
</table>

LED Flexible Tape IP rating part codes
ie: F10-RGB5050-24:60:20 ~ IP20
F10-RGB5050-24:60:65 ~ IP65

Dimensions 5000 x 10mm

Our range of high power ACCENT LED flexible tapes have the same features as our low power 12Vdc models, but at 14.4W offer increased brightness levels.

Product Features

- Our IP65 option is encapsulated in a UV stable polyurethane coating, ensuring that it will not discolour over time as well as providing a scratch resistant finish, for a longer life
- Single RGB LED chip offers excellent colour mixing
- Epistar LEDs
- 10mm PCB for excellent heat management
- 50,000 hours working life
- Precise LED binning enables consistent colour temperature from batch to batch
- Easy installation
- Multiple applications for commercial and residential environments
- High grade 3M VHB ultra adhesive backing tape
- T.C point for accurate thermal management
CONTRACTOR LED FLEXIBLE TAPE

Single colour flexible tape available in cool, neutral and warm white. Comes complete with 3M ultra adhesive backing for easy installation.

Multiple applications for commercial and residential environments and available in IP20 and IP65.

Precise LED binning enables consistent colour temperature from batch to batch.

<table>
<thead>
<tr>
<th>Power per Metre</th>
<th>Input Voltage</th>
<th>Beam Angle</th>
<th>Cuttable Length</th>
<th>LEDs per Metre</th>
<th>Lumen Output</th>
<th>Colour</th>
<th>Part Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>9.6W</td>
<td>24Vdc</td>
<td>120°</td>
<td>100mm</td>
<td>60</td>
<td>800lm</td>
<td>6000K</td>
<td>5M28220CW</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>800lm</td>
<td>4000K</td>
<td>5M28220NW</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>800lm</td>
<td>3000K</td>
<td>5M28220WW</td>
</tr>
</tbody>
</table>

CONTRACTOR - 5M28220

Dimensions 5000 x 10mm

<table>
<thead>
<tr>
<th>Power per Metre</th>
<th>Input Voltage</th>
<th>Beam Angle</th>
<th>Cuttable Length</th>
<th>LEDs per Metre</th>
<th>Lumen Output</th>
<th>Colour</th>
<th>Part Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>9.6W</td>
<td>24Vdc</td>
<td>120°</td>
<td>100mm</td>
<td>60</td>
<td>800lm</td>
<td>6000K</td>
<td>5M28265CW</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>800lm</td>
<td>4000K</td>
<td>5M28265NW</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>800lm</td>
<td>3000K</td>
<td>5M28265WW</td>
</tr>
</tbody>
</table>

CONTRACTOR - 5M28265

Dimensions 5000 x 10mm

Product Features

- Energy saving
- IP20 & IP65 ratings available
- 2835 LED chips
- Available in Cool White, Warm White and Neutral White
- High reliability & efficiency
- 60 LEDs per metre
- Cuttable every 100mm
HIGH CRI LED FLEXIBLE TAPE

PowerLed High CRI LED flexible solutions can be manufactured with a CRI rating up to 95, perfectly suited to retail and residential applications.

CRI is a measure of the LEDs ability to show object colours correctly and naturally.

PowerLed High CRI flexible led solutions are manufactured with a 24Vdc input voltage, 24Vdc will allow longer led lengths by reducing the current.

Dual copper layer PCB for excellent thermal management.

controlled binning for tone consistency.

Product Features

- High quality Epistar LED
- Controlled binning for tone consistency
- Available in four different colour temperatures
- ISO9000 production facilities
- Dual copper layer PCB for excellent thermal management
- IP20 / IP65 / IP67 options
- High Grade 3M adhesive
- 3 years warranty

---

**HIGH CRI - 60 LEDS PER METRE - F3.5**

<table>
<thead>
<tr>
<th>Lumen Output</th>
<th>Colour</th>
<th>Part Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>900lm</td>
<td>2400 - 2600K</td>
<td>B5-55-20-2-60-F3.5-20</td>
</tr>
<tr>
<td>900lm</td>
<td>2900 - 3200K</td>
<td>C0-55-20-2-60-F3.5-20</td>
</tr>
<tr>
<td>1080lm</td>
<td>3900 - 4100K</td>
<td>D0-55-20-2-60-F3.5-20</td>
</tr>
<tr>
<td>1080lm</td>
<td>5900 - 6100K</td>
<td>F0-55-20-2-60-F3.5-20</td>
</tr>
</tbody>
</table>

Dimensions: 5000 x 3.5mm

---

**HIGH CRI - 120 LEDS PER METRE - F3.5**

<table>
<thead>
<tr>
<th>Lumen Output</th>
<th>Colour</th>
<th>Part Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>1500lm</td>
<td>2400 - 2600K</td>
<td>B5-55-20-2-120-F3.5-20-3M</td>
</tr>
<tr>
<td>1500lm</td>
<td>2900 - 3200K</td>
<td>C0-55-20-2-120-F3.5-20-3M</td>
</tr>
<tr>
<td>1800lm</td>
<td>3900 - 4100K</td>
<td>D0-55-20-2-120-F3.5-20-3M</td>
</tr>
<tr>
<td>1800lm</td>
<td>5900 - 6100K</td>
<td>F0-55-20-2-120-F3.5-20-3M</td>
</tr>
</tbody>
</table>

Dimensions: 3000 x 3.5mm

---

---
LED FLEXIBLE TAPE

Available in four different colour temperatures.

Supplied with 5M reels of varying LEDs/ per metre and cuttable lengths.

Product Features

- Available in four different colour temperatures
- CRI ≥80
- Supplied in 5M cuttable reels
- Varying LEDs/ per metre
- Fitted with 3M adhesive tape
- High lumen output
- 3 years warranty

<table>
<thead>
<tr>
<th>Power per Metre</th>
<th>Input Voltage</th>
<th>Beam Angle</th>
<th>Cuttable Length</th>
<th>LEDs per Metre</th>
<th>CRI</th>
<th>Lumen Output</th>
<th>Colour</th>
<th>Part Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>4.8W</td>
<td>24Vdc</td>
<td>120°</td>
<td>100mm</td>
<td>70</td>
<td>98Ra</td>
<td>630lm</td>
<td>2500K</td>
<td>B5-11-28-2-70-F8-20-98Ra</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>630lm</td>
<td>3000K</td>
<td>C0-11-28-2-70-F8-20-98Ra</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>665lm</td>
<td>4000K</td>
<td>D0-11-28-2-70-F8-20-98Ra</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>665lm</td>
<td>6000K</td>
<td>F1-11-28-2-70-F8-20-98Ra</td>
</tr>
</tbody>
</table>

Dimensions 5000 x 8mm

<table>
<thead>
<tr>
<th>Power per Metre</th>
<th>Input Voltage</th>
<th>Beam Angle</th>
<th>Cuttable Length</th>
<th>LEDs per Metre</th>
<th>CRI</th>
<th>Lumen Output</th>
<th>Colour</th>
<th>Part Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>9.6W</td>
<td>24Vdc</td>
<td>120°</td>
<td>50mm</td>
<td>140</td>
<td>98Ra</td>
<td>1260lm</td>
<td>2500K</td>
<td>B5-11-28-2-140-F8-20-98Ra</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>1260lm</td>
<td>3000K</td>
<td>C0-11-28-2-140-F8-20-98Ra</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>1330lm</td>
<td>4000K</td>
<td>D0-11-28-2-140-F8-20-98Ra</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>1330lm</td>
<td>6100K</td>
<td>F1-11-28-2-140-F8-20-98Ra</td>
</tr>
</tbody>
</table>

Dimensions 5000 x 8mm

+FLEX Ra HIGH CRI - 70 LEDS PER Metre

+FLEX Ra HIGH CRI - 140 LEDS PER Metre
### Product Catalogue 2019 LED FLEXIBLE TAPE

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<table>
<thead>
<tr>
<th>Power per Metre</th>
<th>Input Voltage</th>
<th>Beam Angle</th>
<th>Cuttable Length</th>
<th>LEDs per Metre</th>
<th>CRI</th>
<th>Lumen Output</th>
<th>Colour</th>
<th>Part Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>14.4W</td>
<td>24Vdc</td>
<td>120°</td>
<td>33.3mm</td>
<td>210</td>
<td>98Ra</td>
<td>1890lm</td>
<td>2500K</td>
<td>B5-11-28-2:210-F8:20-98Ra</td>
</tr>
<tr>
<td></td>
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<td></td>
<td></td>
<td></td>
<td>1890lm</td>
<td>3000K</td>
<td>C0-11-28:2-210-F8:20-98Ra</td>
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<tr>
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<td></td>
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<td>1995lm</td>
<td>4000K</td>
<td>D0-11-28:2-210-F8:20-98Ra</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>1995lm</td>
<td>6100K</td>
<td>F1-11-28:2-210-F8:20-98Ra</td>
</tr>
</tbody>
</table>

**Dimensions**: 5000 x 8mm

<table>
<thead>
<tr>
<th>Power per Metre</th>
<th>Input Voltage</th>
<th>Beam Angle</th>
<th>Cuttable Length</th>
<th>LEDs per Metre</th>
<th>CRI</th>
<th>Lumen Output</th>
<th>Colour</th>
<th>Part Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>4.8W</td>
<td>24Vdc</td>
<td>120°</td>
<td>100mm</td>
<td>70</td>
<td>&gt;80Ra</td>
<td>1890lm</td>
<td>2500K</td>
<td>B5-11-28:2-70-F8:20-80Ra</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>1890lm</td>
<td>3000K</td>
<td>C0-11-28:2-70-F8:20-80Ra</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>1995lm</td>
<td>4000K</td>
<td>D0-11-28:2-70-F8:20-80Ra</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>1995lm</td>
<td>6100K</td>
<td>F1-11-28:2-70-F8:20-80Ra</td>
</tr>
</tbody>
</table>

**Dimensions**: 5000 x 8mm

<table>
<thead>
<tr>
<th>Power per Metre</th>
<th>Input Voltage</th>
<th>Beam Angle</th>
<th>Cuttable Length</th>
<th>LEDs per Metre</th>
<th>CRI</th>
<th>Lumen Output</th>
<th>Colour</th>
<th>Part Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>9.6W</td>
<td>24Vdc</td>
<td>120°</td>
<td>50mm</td>
<td>140</td>
<td>&gt;80Ra</td>
<td>1260lm</td>
<td>2500K</td>
<td>B5-11-28:2-140-F8:20-80Ra</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>1260lm</td>
<td>3000K</td>
<td>C0-11-28:2-140-F8:20-80Ra</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>1300lm</td>
<td>4000K</td>
<td>D0-11-28:2-140-F8:20-80Ra</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>1300lm</td>
<td>6100K</td>
<td>F1-11-28:2-140-F8:20-80Ra</td>
</tr>
</tbody>
</table>

**Dimensions**: 5000 x 8mm

<table>
<thead>
<tr>
<th>Power per Metre</th>
<th>Input Voltage</th>
<th>Beam Angle</th>
<th>Cuttable Length</th>
<th>LEDs per Metre</th>
<th>CRI</th>
<th>Lumen Output</th>
<th>Colour</th>
<th>Part Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>14.4W</td>
<td>24Vdc</td>
<td>120°</td>
<td>33.3mm</td>
<td>210</td>
<td>98Ra</td>
<td>1260lm</td>
<td>2500K</td>
<td>B5-11-28:2-210-F8:20-98Ra</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>1260lm</td>
<td>3000K</td>
<td>C0-11-28:2-210-F8:20-98Ra</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>1300lm</td>
<td>4000K</td>
<td>D0-11-28:2-210-F8:20-98Ra</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>1300lm</td>
<td>6100K</td>
<td>F1-11-28:2-210-F8:20-98Ra</td>
</tr>
</tbody>
</table>

**Dimensions**: 5000 x 8mm

**Product Features**

- Available in four different colour temperatures
- CRI ≥80
- Supplied in 5M cuttable reels
- Varying LEDs/ per metre
- Fitted with 3M adhesive tape
- High lumen output
- 3 years warranty
CHROMA LED FLEXIBLE TAPE

Constant current design which ensures even colour distribution over longer lengths of tape.

Up to 20M lengths powered from one end.

Compatible with all forms of dimming protocol.

<table>
<thead>
<tr>
<th>Power per Metre</th>
<th>Input Voltage</th>
<th>Beam Angle</th>
<th>Cuttable Length</th>
<th>LEDs per Metre</th>
<th>Lumen Output</th>
<th>Colour</th>
<th>Part Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>4.23W</td>
<td>24Vdc</td>
<td>120°</td>
<td>100mm</td>
<td>60</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

450lm 2500K  B5-11-28-2-60-F10-CC-20-20M
450lm 3000K  C0-11-28-2-60-F10-CC-20-20M
510lm 4000K  D0-11-28-2-60-F10-CC-20-20M
510lm 6100K  F1-11-28-2-60-F10-CC-20-20M
450lm 2500K  B5-11-28-2-60-F10-CC-65-20M
450lm 3000K  C0-11-28-2-60-F10-CC-65-20M
510lm 4000K  D0-11-28-2-60-F10-CC-65-20M
510lm 6100K  F1-11-28-2-60-F10-CC-65-20M

Dimensions 20,000 x 10mm

Product Features

- Constant current design to ensure even colour distribution over longer lengths
- 24Vdc input voltage
- Maximum 20M powered from one end
- 60 LEDs per metre
- Multiple applications for commercial and residential environments
- Compatible with DALI/DMX/0-10V/Mains and all other dimming drivers
Flexible design solutions can be mastered with the RGBW LED tape providing both RGB colour and white lighting in a single chip.

**Product Features**

- Even LED RGB colour and white lighting
- Supplied with 3M tape as standard
- 60 LEDs per metre (RGB and white in single chip)
- IP65 rating
- 50,000 hours working life
- Multiple applications for commercial and residential environments
- Precise LED binning enables 100% consistent colour temperature from batch to batch
- Available in four white colour temperatures: 2500K, 3000K, 4000K, 6000K and all with RGB.

**Power per Metre**

<table>
<thead>
<tr>
<th>Power per Metre</th>
<th>Input Voltage</th>
<th>Beam Angle</th>
<th>Cutable Length</th>
<th>LEDs per Metre</th>
<th>CRI</th>
<th>Lumen Output</th>
<th>Colour</th>
<th>Part Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>19.2W</td>
<td>24Vdc</td>
<td>-</td>
<td>100mm</td>
<td>60</td>
<td>&gt;80Ra</td>
<td>428lm</td>
<td>2500K +RGB</td>
<td>F12-RGBSW-24-60-65</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>428lm</td>
<td>3000K +RGB</td>
<td>F12-RGBBW-24-60-65</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>437lm</td>
<td>4000K +RGB</td>
<td>F12-RGBNW-24-60-65</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>455lm</td>
<td>6000K +RGB</td>
<td>F12-RGBCW-24-60-65</td>
</tr>
</tbody>
</table>

Dimensions: 5000 x 12mm
RGB+W LED FLEXIBLE TAPE

Multiple design solutions can be achieved for commercial and residential environments with the RGB+W LED tape providing both RGB colour and four white temperature lighting.

**Product Features**

- High quality Epistar LED
- Controlled binning for tone consistency
- ISO9000 production facilities
- Dual copper layer PCB for excellent thermal management
- IP20 rating
- High Grade 3M adhesive
- Available in four white colour temperatures

**RGB+W - 72 LEDs PER METRE**

<table>
<thead>
<tr>
<th>Power per Metre</th>
<th>Input Voltage</th>
<th>Beam Angle</th>
<th>Cuttable Length</th>
<th>LEDs per Metre</th>
<th>Lumen Output</th>
<th>Colour</th>
<th>Port Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>11.52W</td>
<td>24Vdc</td>
<td>120°</td>
<td>166.7mm</td>
<td>72</td>
<td>612lm</td>
<td>2500K + RGB</td>
<td>F12:RGB+SW-24-72-20</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>615lm</td>
<td>3000K + RGB</td>
<td>F12:RGB+WW-24-72-20</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>630lm</td>
<td>4000K + RGB</td>
<td>F12:RGB+NW-24-72-20</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>630lm</td>
<td>6000K + RGB</td>
<td>F12:RGB+CW-24-72-20</td>
</tr>
</tbody>
</table>

Dimensions 5000 x 12mm

**RGB+W - 120 LEDs PER METRE**

<table>
<thead>
<tr>
<th>Power per Metre</th>
<th>Input Voltage</th>
<th>Beam Angle</th>
<th>Cuttable Length</th>
<th>LEDs per Metre</th>
<th>Lumen Output</th>
<th>Colour</th>
<th>Port Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>16.32W</td>
<td>24Vdc</td>
<td>120°</td>
<td>100mm</td>
<td>120</td>
<td>870lm</td>
<td>2500K + RGB</td>
<td>F12:RGB+SW-24-120-20</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>870lm</td>
<td>3000K + RGB</td>
<td>F12:RGB+WW-24-120-20</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>900lm</td>
<td>4000K + RGB</td>
<td>F12:RGB+NW-24-120-20</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>900lm</td>
<td>6000K + RGB</td>
<td>F12:RGB+CW-24-120-20</td>
</tr>
</tbody>
</table>

Dimensions 5000 x 12mm
DIGITAL RGBD LED FLEXIBLE TAPE KITS

A new innovative range of digital RGB Flexible LED tape kits. Digital colour chasing is achieved by the control of 3 LEDs with 99 dynamic settings by means of the RGBD-99C Digital RF remote control.

Cascading options of up to 50M for either commercial or residential solutions.

Functions

- Dynamic Mode: 99 modes
- Dynamic Speed Levels: 10 levels
- Static Colour: 29 colours
- Static Colour Brightness: 10 Levels

Digital colour chasing is achieved by the control of 3 LEDs with 99 dynamic settings by means of the RGBD-99C Digital RF remote control.

RGBD IP20 & IP65 KITS

Available in IP20 & IP65.

Available variants: Available in IP20 & IP65
- LED Flexible Tape IP rating part codes, for example:
  - F10-RGBD-12-48-20 ~ IP20
  - F10-RGBD-12-48-65 ~ IP65

Power & LED Connectors

- Power Connection: 5.5mm DC female jack plug
- Tape Connection: 4-Pin SM type connector on both ends

RGB DIGITAL CONTROLLER

- Dynamic colour chasing modes
- Cascading connectors
- High quality UV stable polyurethane coating enables non discolouration and is scratch resistant for longer life
- High grade thick 3M adhesive backing for easy installation
- 50,000 hours working life
- Multiple applications for commercial and residential environments
- Precise LED binning section enables 100% consistent colour temperature from batch to batch

PCV50W DRIVER

- Dimensions: 184 x 61 x 32 mm
- Power: 50W
- Input Voltage: 100V~240VAC
- Power Factor: 0.95
- Voltage: 12V
- Current: 4.2A
- Part Code: PCV1250

Dimensions: 5000 x 12 x 3.2mm (IP65) / 5000 x 12 x 2mm (IP20)

LED Flexible Tape IP rating part codes, for example:
- F10-RGBD-12-48-20 ~ IP20
- F10-RGBD-12-48-65 ~ IP65

Power Connection: 5.5mm DC female jack plug
Tape Connection: 4-Pin SM type connector on both ends

Product Features

- Dynamic colour chasing modes
- Cascading connectors
- High quality UV stable polyurethane coating enables non discolouration and is scratch resistant for longer life
- High grade thick 3M adhesive backing for easy installation
- 50,000 hours working life
- Multiple applications for commercial and residential environments
- Precise LED binning section enables 100% consistent colour temperature from batch to batch

Product Catalogue 2019 LED FLEXIBLE TAPE

www.powerled.uk.com 0118 9406703
### TUNEABLE LED FLEXIBLE TAPE

**Product Features**

- Tuneable White from 3000K - 6200K
- High CRI ≥80
- Supplied in 5m reels, cuttable every 50mm
- 60 and 120 LEDs per metre
- 60 LEDs at 12V & 120 LEDs at 24V
- Fitted with 3M adhesive tape
- 3 years warranty

#### TUNEABLE - 60 LEDs PER METRE

<table>
<thead>
<tr>
<th>Power per Metre</th>
<th>Input Voltage</th>
<th>Beam Angle</th>
<th>Cuttable Length</th>
<th>LEDs per Metre</th>
<th>CRI</th>
<th>Lumen Output</th>
<th>Colour</th>
<th>Part Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>9.6W</td>
<td>12Vdc</td>
<td>120°</td>
<td>50mm</td>
<td>60</td>
<td>&gt;80</td>
<td>330-360lm</td>
<td>2800K - 6200K</td>
<td>TN-55-27-1-60-F10-20-FP</td>
</tr>
</tbody>
</table>

**LED Pitch**: 16.7mm

**Dimensions**: 5000 x 10 x 2.3mm

#### TUNEABLE - 120 LEDs PER METRE

<table>
<thead>
<tr>
<th>Power per Metre</th>
<th>Input Voltage</th>
<th>Beam Angle</th>
<th>Cuttable Length</th>
<th>LEDs per Metre</th>
<th>CRI</th>
<th>Lumen Output</th>
<th>Colour</th>
<th>Part Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>19.2W</td>
<td>24Vdc</td>
<td>120°</td>
<td>50mm</td>
<td>120</td>
<td>&gt;80</td>
<td>660-720lm</td>
<td>2800K - 6200K</td>
<td>TN-55-27-2-120-F10-20-FP</td>
</tr>
</tbody>
</table>

**LED Pitch**: 16.67mm

**Dimensions**: 5000 x 10 x 2.3mm

---

Tone adjustment from 2800K - 6500K.

Dual copper layer PCB for excellent thermal management.

Fitted with 3M adhesive tape.

Use Tuneable LED Flexible Tape with CCT-RF Kit.
INTELLIGENT TEMPERATURE CONTROLLED LED FLEXIBLE TAPE

Product Features

- Constant current design to ensure even colour distribution over longer lengths
- Intelligent temperature control to prolong life of LED tape
- High temperature limitation to ensure safety
- Available in 10M lengths
- 60 LEDs per metre
- IP20 rating
- Multiple applications for commercial and residential environments
- Maximum powered from one end 10M
INTELLIGENT TEMPERATURE CONTROLLED LED FLEXIBLE TAPE

Product Features

• Constant current design to ensure even colour distribution over longer lengths
• Intelligent temperature control to prolong life of LED Tape
• High temperature limitation to ensure safety
• 128 LEDs per metre
• IP20 rating
• Multiple applications for commercial and residential environments
• Up to 10M powered from both ends
• Maximum 5M powered from one end

INTELLIGENT TEMPERATURE CONTROLLED - 128 LEDS

<table>
<thead>
<tr>
<th>Power per Metre</th>
<th>Input Voltage</th>
<th>Cuttable Length</th>
<th>LEDs per Metre</th>
<th>CRI</th>
<th>Lumen Output</th>
<th>Colour</th>
<th>Part Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>22W</td>
<td>24Vdc</td>
<td>62.5mm</td>
<td>128</td>
<td>&gt;80Ra</td>
<td>3300lm</td>
<td>3000K</td>
<td>C0TC28-2-128F12-20FP</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>3300lm</td>
<td>4000K</td>
<td>D0TC28-2-128F12-20FP</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>3300lm</td>
<td>6000K</td>
<td>F0TC28-2-128F12-20FP</td>
</tr>
</tbody>
</table>

Width Dimensions 1000 x 12mm
RIGID LED PCB STRIP

Designed for commercial use, our RIGID PCB strips are fitted with 2835 or 5050 type LEDs. These IP20 (non weatherproof) rated 500mm long RIGID PCB strip are low profile and available in 6mm and 7mm widths. Designed to be mounted with or without additional extrusion, these RIGID PCB strips are a great solution for many applications. RIGID LED strip is widely used with acrylic light sheets.

**Product Features**

- Compact strip with Nationstar LED technology
- Epistar 2835 or 5050 LEDs
- Energy saving and high efficiency RIGID LED strip
- Available in 3000K and 6000K
- Single Colour 42 LEDs per 500mm
- RGB 36 LEDs per 500mm
- Cuttable every 71.4mm ~ 83.3mm on RGB
- 50K hours working life
- 110° beam angle
- Suitable for domestic, commercial, retail internal lighting applications and industrial applications

**RIGID WHITE**

<table>
<thead>
<tr>
<th>Power per Metre</th>
<th>Input Voltage</th>
<th>Beam Angle</th>
<th>Cuttable Length</th>
<th>LEDs per 500mm</th>
<th>CRI</th>
<th>Lumen Output</th>
<th>Colour</th>
<th>Part Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>20.16W</td>
<td>24Vdc</td>
<td>110°</td>
<td>71.4mm</td>
<td>42</td>
<td>&gt;80</td>
<td>650lm</td>
<td>3000K</td>
<td>R6-W5050-24-42IP20</td>
</tr>
<tr>
<td>17.28W</td>
<td>24Vdc</td>
<td>110°</td>
<td>83.3mm</td>
<td>36</td>
<td>&gt;80</td>
<td>200lm</td>
<td>RGB</td>
<td>R7-RGB5050-24-36IP20</td>
</tr>
</tbody>
</table>

Dimensions 500 x 6 x 3.6mm

**RIGID RGB**

<table>
<thead>
<tr>
<th>Power per Metre</th>
<th>Input Voltage</th>
<th>Beam Angle</th>
<th>Cuttable Length</th>
<th>LEDs per 500mm</th>
<th>CRI</th>
<th>Lumen Output</th>
<th>Colour</th>
<th>Part Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>20.16W</td>
<td>24Vdc</td>
<td>110°</td>
<td>71.4mm</td>
<td>42</td>
<td>&gt;80</td>
<td>650lm</td>
<td>3000K</td>
<td>R6-W5050-24-42IP20</td>
</tr>
<tr>
<td>17.28W</td>
<td>24Vdc</td>
<td>110°</td>
<td>83.3mm</td>
<td>36</td>
<td>&gt;80</td>
<td>200lm</td>
<td>RGB</td>
<td>R7-RGB5050-24-36IP20</td>
</tr>
</tbody>
</table>

Dimensions 500 x 7 x 3.2mm
S-TYPE LED FLEXIBLE TAPE

Specialist S-Type Flexible LED tape has been designed with bespoke S-type double copper layered PCB to enable installation of LED where the PCB is required to bend around corners or to be installed inside illuminated letters.

<table>
<thead>
<tr>
<th>Power per Metre</th>
<th>Input Voltage</th>
<th>Beam Angle</th>
<th>Cuttable Length</th>
<th>LEDs per Metre</th>
<th>Lumen Output</th>
<th>Colour</th>
<th>Part Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>7.2W</td>
<td>12Vdc</td>
<td>120°</td>
<td>100mm</td>
<td>60</td>
<td>540lm</td>
<td>3000K</td>
<td>CD-11-35-1-60-F65-20:10M:FP</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>600lm</td>
<td>4000K</td>
<td>D0-11-35-1-60-F65-20:10M:FP</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>600lm</td>
<td>6000K</td>
<td>F5-11-35-1-60-F65-20:10M:FP</td>
</tr>
</tbody>
</table>

Dimensions 10000 x 6 x 1.2mm

Product Features
- Designed for signs, sculptured lettering and back lit lighting
- Easy to install around tight corners
- Continuous length up to 5m
- ECO friendly and energy saving
- 50,000 hours working life
- Double copper layered PCB for added thermal management
LINEO LED FLEXIBLE TAPE

LINEO LED Tape is our range of project-based flexible tape; available in single, RGB, RGBW, dynamic white & digital diffused light colour options with horizontal & vertical bending capabilities.
LINEO ARC LED FLEXIBLE TAPE

LINEO offers completely diffused light without additional diffusion required and can be produced in single lengths of up to 10M (power from each end). This allows seamless light across larger distances.

12cm minimum bending diameter.

Seamless ultra high bright light with new design of connectors.

Available in both single colour and RGB, LINEO can be supplied with speciality connectors to achieve either IP67 or IP68 ratings allowing full submersion.

**ARC-IP67-WHITE**

- **Lumen Output**
  - 380lm
  - 340lm
- **Colour**
  - 2700K
  - 5700K
- **Part Code**
  - ARC-IP67-5700K
  - ARC-IP67-2700K

*3300K, 3500K, 4000K, 5000K & 6500K available on request.

**ARC-IP67-RGB**

- **Lumen Output**
  - 22lm
  - 90lm
  - 18lm
  - 130lm
- **Colour**
  - Red
  - Green
  - Blue
  - White
- **Wave Length**
  - 620 - 630nm
  - 520 - 530nm
  - 460 - 470nm
- **Part Code**
  - ARC-IP67-RGB

**Product Features**

- Designed for architectural and signage lighting
- Built to customer length and specification ready for installation
- Seamless ultra high bright light with new design of connectors
- Consistent high illumination along the entire length with no colour variation.
- Dimmable via DMX, DALI or 1-10V
- RGB colour changing
- Very flexible (3cm minimum bending diameter)
- UV and flame resistant PVC materials
- Domed profile for large view design lighting
- Flexible with 12cm minimum bending diameter
- Continuous lengths using our innovative seamless joins
- Easy to use with DIY accessories for joining, terminating, mounting and powering
- Available up to IP68 for special requirements
- Automated production, high reliability and long warranty
- ECO friendly and energy saving
LINEO LINE LED FLEXIBLE TAPE

LINEO offers completely diffused light without additional diffusion required and can be produced in single lengths of up to 10M (power from each end). This allows seamless light across larger distances.

12cm minimum bending diameter.

Seamless ultra high bright light with new design of connectors.

Available in both single colour and RGB, LINEO can be supplied with speciality connectors to achieve either IP67 or IP68 ratings allowing full submersion.

**LINE-IP67-WHITE**

<table>
<thead>
<tr>
<th>Power per Metre</th>
<th>Input Voltage</th>
<th>Beam Angle</th>
<th>Cuttable Length</th>
<th>LEDs per Metre</th>
<th>Lumen Output</th>
<th>Colour</th>
<th>Part Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>12W</td>
<td>24Vdc</td>
<td>160°</td>
<td>100mm</td>
<td>60</td>
<td>320lm</td>
<td>5700K</td>
<td>LNE-IP67-5700K</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>280lm</td>
<td>2700K</td>
<td>LNE-IP67-2700K</td>
</tr>
</tbody>
</table>

* 3300K, 3500K, 4000K, 5000K & 6500K available on request.

Width Dimensions 11.5mm

**LINE-IP67-RGB**

<table>
<thead>
<tr>
<th>Power per Metre</th>
<th>Input Voltage</th>
<th>Beam Angle</th>
<th>Cuttable Length</th>
<th>LEDs per Metre</th>
<th>Lumen Output</th>
<th>Colour</th>
<th>Wave Length</th>
<th>Part Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>12W</td>
<td>24Vdc</td>
<td>160°</td>
<td>100mm</td>
<td>60</td>
<td>20lm</td>
<td>Red</td>
<td>620 - 630nm</td>
<td>LNE-IP67-RGB</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>75lm</td>
<td>Green</td>
<td>520 - 530nm</td>
<td>LNE-IP67-RGB</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>15lm</td>
<td>Blue</td>
<td>465 - 475nm</td>
<td>LNE-IP67-RGB</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>110lm</td>
<td>White</td>
<td>-</td>
<td>LNE-IP67-RGB</td>
</tr>
</tbody>
</table>

Width Dimensions 11.5mm

**Product Features**

- Designed for architectural design lighting
- Built to customer specification ready for installation
- Seamless ultra high bright light with new design of connectors
- Dimmable via DMX, DALI or 1-10V
- RGB colour changing
- UV resistant and flame retardant PVC materials
- Flat profile for crisp feature light interior design
- 12cm minimum bending diameter
- Continuous length up to 10m
- Available up to IP68 for special requirements
- ECO friendly and energy saving
- 5 year life span
LINEO CUBE LED FLEXIBLE TAPE

LINEO offers completely diffused light without additional diffusion required and can be produced in single lengths of up to 10M (Power from each end). This allows seamless light across larger distances.

Seamless ultra high bright light with new design of connectors.

30cm minimum bending diameter.

Extremely flat profile for slimline projects.

<table>
<thead>
<tr>
<th>Power per Metre</th>
<th>Input Voltage</th>
<th>Beam Angle</th>
<th>Cuttable Length</th>
<th>LEDs per Metre</th>
</tr>
</thead>
<tbody>
<tr>
<td>12W</td>
<td>24Vdc</td>
<td>160°</td>
<td>56mm</td>
<td>108</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Lumen Output</th>
<th>Colour</th>
<th>Part Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>480lm</td>
<td>5700K</td>
<td>CBE-IP67-5700K</td>
</tr>
<tr>
<td>420lm</td>
<td>2700K</td>
<td>CBE-IP67-2700K</td>
</tr>
</tbody>
</table>

* 3300K, 3500K, 4000K, 5000K & 6500K available on request.

**Product Features**

- Designed for architectural design lighting
- Built to customer specification ready for installation
- Seamless ultra high bright light with new design of connectors
- UV resistant and flame retardant PVC materials
- Extremely flat profile for slimline projects
- 30cm minimum bending diameter
- Continuous length up to 10m
- Available up to IP68 for special requirements
- ECO friendly and energy saving
- 5 year life span
The high IP protection NAUTILUS range offers an energy efficient solid linear light, making them ideally suited to accent, architectural and back lighting projects.

**LINEO NAUTILUS LED FLEXIBLE TAPE**

LED lengths of up to 10M (single colour) are achievable by powering the LED at each end.

NAUTILUS LED is a high quality IP67 LED solution for commercial and external applications.

**NAUTILUS-IP67-WHITE**

- **Power per Metre**: 12W
- **Input Voltage**: 24Vdc
- **Beam Angle**: 150°
- **Cuttable Length**: 83.3mm
- **LEDs per Metre**: 72

<table>
<thead>
<tr>
<th>PCB Colour</th>
<th>Lumen Output</th>
<th>Colour</th>
<th>Part Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>White</td>
<td>900lm</td>
<td>5700K*</td>
<td>NTS-IP67-S700K-W</td>
</tr>
<tr>
<td>White</td>
<td>900lm</td>
<td>2700K*</td>
<td>NTS-IP67-2700K-W</td>
</tr>
</tbody>
</table>

* 3300K, 3500K, 4000K, 5000K & 6500K available on request.

∆ Total install width is dependent on connections used.

Width Dimensions 15.5 x 6mm

**NAUTILUS-IP67-RGB**

- **Power per Metre**: 12W
- **Input Voltage**: 24Vdc
- **Beam Angle**: 150°
- **Cuttable Length**: 100mm
- **LEDs per Metre**: 72

<table>
<thead>
<tr>
<th>PCB Colour</th>
<th>Lumen Output</th>
<th>Colour</th>
<th>Wavelength</th>
<th>Part Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>White</td>
<td>75lm</td>
<td>Red</td>
<td>620 - 630nm</td>
<td>NTS-IP67-RGB</td>
</tr>
<tr>
<td>White</td>
<td>185lm</td>
<td>Green</td>
<td>520 - 530nm</td>
<td>NTS-IP67-RGB</td>
</tr>
<tr>
<td>White</td>
<td>40lm</td>
<td>Blue</td>
<td>460 - 470nm</td>
<td>NTS-IP67-RGB</td>
</tr>
<tr>
<td>White</td>
<td>300lm</td>
<td>White</td>
<td>-</td>
<td>NTS-IP67-RGB</td>
</tr>
</tbody>
</table>

**Product Features**

- Built to customer specification ready for installation
- Seamless light with ultra high brightness with new design of connectors
- Dimmable via DMX, DALI or 1-10V
- RGB colour changing
- UV resistant and flame retardant PVC materials
- 3cm minimum bending diameter (5cm on RGB)
- Continuous length up to 10M
- Energy savings of 85% and low maintenance costs
- Commercial IP rated Connectors
- 5 year life span

**Product Catalogue 2019 LED FLEXIBLE TAPE**

www.powerled.uk.com  0118 9408703
**LINEO LINE IP67 5M KITS LED FLEXIBLE TAPE KITS**

**Product Features**

- Designed for architectural design lighting
- Built to customer specification ready for installation
- Seamless high bright light with new design of connectors
- UV resistant and flame retardant PVC materials
- Flat profile for crisp feature light interior design
- 12cm minimum bending diameter
- Continuous length up to 5M
- Cut points every 100mm
- ECO friendly and energy saving
- 5 year life span

---

**LINEO LINE IP67 KIT**

<table>
<thead>
<tr>
<th>Power per Metre</th>
<th>Input Voltage</th>
<th>Cuttable Length</th>
<th>LEDs per Metre</th>
<th>PCB Colour</th>
<th>Lumen Output</th>
<th>Colour</th>
<th>Part Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>4.5W</td>
<td>24Vdc</td>
<td>83.3mm</td>
<td>72</td>
<td>White</td>
<td>120lm</td>
<td>5700K</td>
<td>LIN-5700-IP67-KIT-5M</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>White</td>
<td>110lm</td>
<td>2700K</td>
<td>LIN-2700-IP67-KIT-5M</td>
</tr>
</tbody>
</table>

**Width Dimensions** 18 x 9mm

---

**LINEO LINE TUNEABLE IP67 5M KIT**

<table>
<thead>
<tr>
<th>Power per Metre</th>
<th>Input Voltage</th>
<th>Cuttable Length</th>
<th>LEDs per Metre</th>
<th>PCB Colour</th>
<th>Lumen Output</th>
<th>Colour</th>
<th>Part Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>10W</td>
<td>24Vdc</td>
<td>100mm</td>
<td>60+60</td>
<td>White</td>
<td>100lm</td>
<td>2500-5700K</td>
<td>LIN-TUNE-IP67-KIT-5M</td>
</tr>
</tbody>
</table>

**Width Dimensions** 21 x 11.5mm

---

**NAUTILUS LED** is a high quality IP67 LED solution for commercial and external applications. Flat profile for crisp feature light interior design with continuous lengths up to 5 metres.

Available as a tuneable kit, smoothly changes from Cool White through to Warm White.

---

**LINEO LINE IP67 KIT**

**LINEO LINE TUNEABLE IP67 5M KIT**
Designed for architectural bespoke lighting, Lineo IP67, 10M, 4.5W kit provides a continuous seamless bright light.

Flat profile for crisp feature light interior design with continuous lengths up to 10 metres.

Available in Cool and Warm White.

9cm minimum bending diameter.

Product Catalogue 2019 LED FLEXIBLE TAPE

www.powerled.uk.com  0118 9408703

**Product Features**

- Designed for architectural design lighting
- Built to customer specification ready for installation
- Seamless high bright light with new design of connectors
- UV resistant and flame retardant PVC materials
- Flat profile for crisp feature light interior design
- 9cm minimum bending diameter
- Continuous length up to 10m
- Cut points every 100mm
- ECO friendly and energy saving
- 5 year life span

**LINEO LINE IP67 10M KIT**

<table>
<thead>
<tr>
<th>Power per Metre</th>
<th>Input Voltage</th>
<th>Beam Angle</th>
<th>Cuttable Length</th>
<th>LEDs per Metre</th>
<th>PCB Colour</th>
<th>Lumen Output</th>
<th>Colour</th>
<th>Part Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>4.5W</td>
<td>24Vdc</td>
<td>160°</td>
<td>83.3mm</td>
<td>72</td>
<td>White</td>
<td>120lm</td>
<td>5700K</td>
<td>LIN-5700-IP67-KIT</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>White</td>
<td>110lm</td>
<td>2500K</td>
<td>LIN-2700-IP67-KIT</td>
</tr>
</tbody>
</table>

Width Dimensions 18 x 9mm
LED POWER & CONTROL

PowerLed offer a range of LED power supplies, for both indoor and outdoor installations, to suit your requirements. LED drivers are power supplies, but with a difference; they offer some of the same features as a standard power supply, such as power factor correction, high efficiency, compact size and isolated or non-isolated design, but they have their own unique advantages too.

PowerLed’s LED drivers have been specifically designed for a wide range of LED applications. All our drivers are CE approved as well as meeting stringent safety certification as detailed by UK European and International safety agencies, offering a warranty of up to 5 years* ensures that the PowerLed range of drivers are a safe and reliable choice. (*driver model dependent).
## Constant Voltage Drivers

### PCV1

<table>
<thead>
<tr>
<th>Power</th>
<th>Voltage</th>
<th>Power Factor</th>
<th>Current Range</th>
<th>Input Voltage</th>
<th>Input Frequency</th>
<th>Efficiency</th>
<th>Part Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>10W</td>
<td>12Vdc</td>
<td>0.05</td>
<td>830mA</td>
<td>100 - 240VAC</td>
<td>50/60Hz</td>
<td>&gt;68%</td>
<td>PCV1</td>
</tr>
</tbody>
</table>

**Connections (Input)**
- 2 core double insulated cable VDE H03VV-F 3G*0.75mm²
- Brown and blue (L=200mm)

**Connections (Output)**
- 2 core double insulated cable for each channel VDE H03VV-F 2G*0.75mm²
- Black and red (L=200mm)

**Dimensions** 65 x 35 x 23mm

**Weight** 105g

### PCV12

<table>
<thead>
<tr>
<th>Power</th>
<th>Voltage</th>
<th>Power Factor</th>
<th>Current Range</th>
<th>Input Voltage</th>
<th>Input Frequency</th>
<th>Efficiency</th>
<th>Part Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>12W</td>
<td>12Vdc</td>
<td>0.8</td>
<td>0 - 1.0A</td>
<td>220 - 240VAC</td>
<td>47/63Hz</td>
<td>&gt;80%</td>
<td>PCV1212</td>
</tr>
</tbody>
</table>

**Connections**
- Screw terminal on I/P & O/P

**Dimensions** 98 x 39 x 22mm

**Weight** 60g

### PCV20

<table>
<thead>
<tr>
<th>Power</th>
<th>Voltage</th>
<th>Power Factor</th>
<th>Current Range</th>
<th>Input Voltage</th>
<th>Input Frequency</th>
<th>Efficiency</th>
<th>Part Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>20W</td>
<td>12Vdc</td>
<td>0.8</td>
<td>0 - 1.7A</td>
<td>220 - 240VAC</td>
<td>47/63Hz</td>
<td>&gt;82%</td>
<td>PCV2220</td>
</tr>
<tr>
<td>20W</td>
<td>24Vdc</td>
<td>0.8</td>
<td>0 - 0.83A</td>
<td>220 - 240VAC</td>
<td>47/63Hz</td>
<td>&gt;84%</td>
<td>PCV2420</td>
</tr>
</tbody>
</table>

**Connections**
- Screw terminal on I/P & O/P

**Dimensions** 130 x 44 x 28mm

**Weight** 100g

### PCV36

<table>
<thead>
<tr>
<th>Power</th>
<th>Voltage</th>
<th>Power Factor</th>
<th>Current Range</th>
<th>Input Voltage</th>
<th>Input Frequency</th>
<th>Efficiency</th>
<th>Part Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>36W</td>
<td>12Vdc</td>
<td>0.95</td>
<td>0 - 3A</td>
<td>100 - 240VAC</td>
<td>47/63Hz</td>
<td>&gt;82%</td>
<td>PCV1236</td>
</tr>
<tr>
<td>36W</td>
<td>24Vdc</td>
<td>0.95</td>
<td>0 - 1.5A</td>
<td>100 - 240VAC</td>
<td>47/63Hz</td>
<td>&gt;84%</td>
<td>PCV2436</td>
</tr>
</tbody>
</table>

**Connections**
- Screw terminal on I/P & O/P

**Dimensions** 166 x 52 x 24mm

**Weight** 130g

### Product Features

- Constant voltage options
- Choice of IP ratings for indoor, outdoor and harsh environment applications
- Built in 0-10Vdc, 1-10Vdc, PWM signal, resistive, triac and DALI dimming options available
- EN61347-1, EN61347-2-13, EN55015, EN61000-3-2, EN61000-3-3 & EN61547
- Captive terminal screw or cable connections (dependent on driver model)
- Cooling by free air convection
CONSTANT VOLTAGE DRIVERS

<table>
<thead>
<tr>
<th>Power</th>
<th>Voltage</th>
<th>Power Factor</th>
<th>Current Range</th>
<th>Input Voltage</th>
<th>Input Frequency</th>
<th>Efficiency</th>
<th>Part Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>36W</td>
<td>12Vdc</td>
<td>0.9</td>
<td>0 - 3A</td>
<td>100 - 240VAC</td>
<td>47/63Hz</td>
<td>82%</td>
<td>PCV1236E</td>
</tr>
<tr>
<td>50W</td>
<td>12Vdc</td>
<td>0.95</td>
<td>0 - 4.2A</td>
<td>100 - 240VAC</td>
<td>47/63Hz</td>
<td>82%</td>
<td>PCV1250</td>
</tr>
<tr>
<td>50W</td>
<td>24Vdc</td>
<td>0.95</td>
<td>0 - 2A</td>
<td>100 - 240VAC</td>
<td>47/63Hz</td>
<td>84%</td>
<td>PCV2450</td>
</tr>
<tr>
<td>60W</td>
<td>12Vdc</td>
<td>0.95</td>
<td>0 - 5A</td>
<td>100 - 240VAC</td>
<td>47/63Hz</td>
<td>87%</td>
<td>PCV1260</td>
</tr>
<tr>
<td>60W</td>
<td>24Vdc</td>
<td>0.95</td>
<td>0 - 2.5A</td>
<td>100 - 240VAC</td>
<td>47/63Hz</td>
<td>87%</td>
<td>PCV2460</td>
</tr>
<tr>
<td>75W</td>
<td>24Vdc</td>
<td>0.95</td>
<td>0 - 3.15A</td>
<td>100 - 240VAC</td>
<td>47/63Hz</td>
<td>85%</td>
<td>PCV2475</td>
</tr>
</tbody>
</table>

Product Features

- Constant voltage options
- Choice of IP ratings for indoor, outdoor and harsh environment applications
- Built in 0-10Vdc, 1-10Vdc, PWM signal, resistive, triac and DALI dimming options available
- EN61347-1, EN61347-2-13, EN55015, EN61000-3-2, EN61000-3-3 & UL8750
- Captive terminal screw or cable connections (dependent on driver model)
- Cooling by free air convection
## CONSTANT VOLTAGE DRIVERS

### PCV75E

<table>
<thead>
<tr>
<th>Power</th>
<th>Voltage</th>
<th>Power Factor</th>
<th>Current Range</th>
<th>Input Voltage</th>
<th>Input Frequency</th>
<th>Efficiency</th>
<th>Part Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>75W</td>
<td>12Vdc</td>
<td>0.95</td>
<td>0 - 6.25A</td>
<td>100 - 240VAC</td>
<td>47/63Hz</td>
<td>85%</td>
<td>PCV1275E</td>
</tr>
<tr>
<td>75W</td>
<td>24Vdc</td>
<td>0.95</td>
<td>0 - 3.15A</td>
<td>100 - 240VAC</td>
<td>47/63Hz</td>
<td>85%</td>
<td>PCV2475E</td>
</tr>
</tbody>
</table>

**Cable connection (Input):**
300mm UL SVT 3C 18AWG

**Cable connection (Output):**
300mm UL SVT 2C 18AWG

**Dimensions:** 186 x 64 x 39mm

**Weight:** 750g

### PCV100

<table>
<thead>
<tr>
<th>Power</th>
<th>Voltage</th>
<th>Power Factor</th>
<th>Current Range</th>
<th>Input Voltage</th>
<th>Input Frequency</th>
<th>Efficiency</th>
<th>Part Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>100W</td>
<td>12Vdc</td>
<td>0.95</td>
<td>0 - 8.33A</td>
<td>100 - 240VAC</td>
<td>47/63Hz</td>
<td>87%</td>
<td>PCV12100</td>
</tr>
<tr>
<td>100W</td>
<td>24Vdc</td>
<td>0.95</td>
<td>0 - 4.16A</td>
<td>100 - 240VAC</td>
<td>47/63Hz</td>
<td>87%</td>
<td>PCV24100</td>
</tr>
</tbody>
</table>

**Connections**
Screw terminal on I/P & O/P

**Dimensions:** 158 x 61 x 36mm

**Weight:** 400g

### PCV100E

<table>
<thead>
<tr>
<th>Power</th>
<th>Voltage</th>
<th>Power Factor</th>
<th>Current Range</th>
<th>Input Voltage</th>
<th>Input Frequency</th>
<th>Efficiency</th>
<th>Part Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>100W</td>
<td>12Vdc</td>
<td>0.95</td>
<td>0 - 8.4A</td>
<td>220 - 240VAC</td>
<td>47/63Hz</td>
<td>90%</td>
<td>PCV12400E</td>
</tr>
<tr>
<td>100W</td>
<td>24Vdc</td>
<td>0.95</td>
<td>0 - 6.25A</td>
<td>100 - 240VAC</td>
<td>47/63Hz</td>
<td>90%</td>
<td>PCV24400E</td>
</tr>
</tbody>
</table>

**Cable connection (Input):**
300mm UL SVT 3C 18AWG

**Cable connection (Output):**
300mm UL SVT 2C 18AWG

**Dimensions:** 191 x 70 x 40mm

**Weight:** 780g

### PCV150

<table>
<thead>
<tr>
<th>Power</th>
<th>Voltage</th>
<th>Power Factor</th>
<th>Current Range</th>
<th>Input Voltage</th>
<th>Input Frequency</th>
<th>Efficiency</th>
<th>Part Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>150W</td>
<td>12Vdc</td>
<td>0.95</td>
<td>0 - 12.5A</td>
<td>100 - 240VAC</td>
<td>47/63Hz</td>
<td>87%</td>
<td>PCV12150</td>
</tr>
<tr>
<td>150W</td>
<td>24Vdc</td>
<td>0.95</td>
<td>0 - 6.25A</td>
<td>100 - 240VAC</td>
<td>47/63Hz</td>
<td>87%</td>
<td>PCV24150</td>
</tr>
</tbody>
</table>

**Connections**
300mm UL SVT 3C 18AWG

**Dimensions:** 216 x 74 x 42mm

**Weight:** 750g

---

### Product Features

- Constant voltage options
- Choice of IP ratings for indoor, outdoor and harsh environment applications
- Built in 0-10Vdc, 1-10Vdc, PWM signal, resistive, triac and DALI dimming options available
- EN61347-1, EN61347-2-13, EN55015, EN61000-3-2, EN61000-3-3 & EN61547
- Captive terminal screw or cable connections (dependent on driver model)
- Cooling by free air convection
LED DRIVERS

CONSTANT VOLTAGE DRIVERS

**PCV150E**

<table>
<thead>
<tr>
<th>Power</th>
<th>Voltage</th>
<th>Power Factor</th>
<th>Current Range</th>
<th>Input Voltage</th>
<th>Input Frequency</th>
<th>Efficiency</th>
<th>Part Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>150W</td>
<td>12Vdc</td>
<td>0.95</td>
<td>0 - 12.5A</td>
<td>100 - 240VAC</td>
<td>47/63Hz</td>
<td>91%</td>
<td>PCV150E</td>
</tr>
<tr>
<td>150W</td>
<td>24Vdc</td>
<td>0.95</td>
<td>0 - 6.3A</td>
<td>100 - 240VAC</td>
<td>47/63Hz</td>
<td>93%</td>
<td>PCV200E</td>
</tr>
</tbody>
</table>

Cable connection (Input) | Cable connection (Output) 300mm UL 3V 3C 18AWG

Dimensions 191 x 70 x 40mm  
Weight 1000g

**PCV200E**

<table>
<thead>
<tr>
<th>Power</th>
<th>Voltage</th>
<th>Power Factor</th>
<th>Current Range</th>
<th>Input Voltage</th>
<th>Input Frequency</th>
<th>Efficiency</th>
<th>Part Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>200W</td>
<td>12Vdc</td>
<td>0.95</td>
<td>0 - 16.8A</td>
<td>220 - 240VAC</td>
<td>47/63Hz</td>
<td>91%</td>
<td>PCV200E</td>
</tr>
<tr>
<td>200W</td>
<td>24Vdc</td>
<td>0.95</td>
<td>0 - 8.4A</td>
<td>220 - 240VAC</td>
<td>47/63Hz</td>
<td>93%</td>
<td>PCV200E</td>
</tr>
</tbody>
</table>

Cable connection (Input) | Cable connection (Output) 300mm UL 3V 3C 18AWG

Dimensions 249 x 72 x 40mm  
Weight 1000g

**PCV240E**

<table>
<thead>
<tr>
<th>Power</th>
<th>Voltage</th>
<th>Power Factor</th>
<th>Current Range</th>
<th>Input Voltage</th>
<th>Input Frequency</th>
<th>Efficiency</th>
<th>Part Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>240W</td>
<td>12Vdc</td>
<td>0.95</td>
<td>0 - 20A</td>
<td>100 - 240VAC</td>
<td>47/63Hz</td>
<td>91%</td>
<td>PCV240E</td>
</tr>
<tr>
<td>240W</td>
<td>24Vdc</td>
<td>0.95</td>
<td>0 - 13.3A</td>
<td>100 - 240VAC</td>
<td>47/63Hz</td>
<td>93%</td>
<td>PCV240E</td>
</tr>
</tbody>
</table>

Cable connection (Input) | Cable connection (Output) 300mm UL 3V 3C 18AWG

Dimensions 252 x 72 x 40mm  
Weight 1100g

**PCV320E**

<table>
<thead>
<tr>
<th>Power</th>
<th>Voltage</th>
<th>Power Factor</th>
<th>Current Range</th>
<th>Input Voltage</th>
<th>Input Frequency</th>
<th>Efficiency</th>
<th>Part Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>264W</td>
<td>12Vdc</td>
<td>0.95</td>
<td>0 - 22A</td>
<td>100 - 240VAC</td>
<td>47/63Hz</td>
<td>92%</td>
<td>PCV240E</td>
</tr>
<tr>
<td>320W</td>
<td>24Vdc</td>
<td>0.95</td>
<td>0 - 13.3A</td>
<td>100 - 240VAC</td>
<td>47/63Hz</td>
<td>92%</td>
<td>PCV240E</td>
</tr>
</tbody>
</table>

Cable connection (Input) | Cable connection (Output) 300mm UL 3V 3C 18AWG

Dimensions 252 x 90 x 44mm  
Weight 1000g

Product Features

- Constant voltage options
- Choice of IP ratings for indoor, outdoor and harsh environment applications
- Built in 0-10Vdc, 1-10Vdc, PWM signal, resistive, triac and DALI dimming options available
- EN61347-1, EN61347-2-13, EN55015, EN61000-3-2, EN61000-3-3 & EN61547
- Captive terminal screw or cable connections (dependent on driver model)
- Cooling by free air convection

Dimensions 252 x 90 x 44mm  
Weight 1000g
## CONSTANT VOLTAGE DIMMING DRIVERS

### UVC25TD

<table>
<thead>
<tr>
<th>Power</th>
<th>Voltage</th>
<th>Power Factor</th>
<th>Current Range</th>
<th>Input Voltage</th>
<th>Input Frequency</th>
<th>Efficiency</th>
<th>Dimming Function</th>
<th>Part Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>25W</td>
<td>12Vdc</td>
<td>0.95</td>
<td>0.2 - 2.08A</td>
<td>220 - 240VAC</td>
<td>50/60Hz</td>
<td>80%</td>
<td>Mains dimmable</td>
<td>UVC1225TD</td>
</tr>
<tr>
<td>25W</td>
<td>24Vdc</td>
<td>0.95</td>
<td>0.1 - 1.04A</td>
<td>220 - 240VAC</td>
<td>50/60Hz</td>
<td>80%</td>
<td>Mains dimmable</td>
<td>UVC2425TD</td>
</tr>
</tbody>
</table>

**Connections**
Screw terminal on I/P & O/P

**Dimensions** 122 x 52 x 30mm
**Weight** 110g

### UVC50TD

<table>
<thead>
<tr>
<th>Power</th>
<th>Voltage</th>
<th>Power Factor</th>
<th>Current Range</th>
<th>Input Voltage</th>
<th>Input Frequency</th>
<th>Efficiency</th>
<th>Dimming Function</th>
<th>Part Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>50W</td>
<td>12Vdc</td>
<td>0.95</td>
<td>0.83 - 4.16A</td>
<td>220 - 240VAC</td>
<td>50/60Hz</td>
<td>80%</td>
<td>Mains dimmable</td>
<td>UVC1250TD</td>
</tr>
<tr>
<td>50W</td>
<td>24Vdc</td>
<td>0.95</td>
<td>0.42 - 2.08A</td>
<td>220 - 240VAC</td>
<td>50/60Hz</td>
<td>80%</td>
<td>Mains dimmable</td>
<td>UVC2450TD</td>
</tr>
</tbody>
</table>

**Connections**
Screw terminal on I/P & O/P

**Dimensions** 184 x 61 x 32mm
**Weight** 200g

### UVC100TD

<table>
<thead>
<tr>
<th>Power</th>
<th>Voltage</th>
<th>Power Factor</th>
<th>Current Range</th>
<th>Input Voltage</th>
<th>Input Frequency</th>
<th>Efficiency</th>
<th>Dimming Function</th>
<th>Part Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>100W</td>
<td>12Vdc</td>
<td>0.95</td>
<td>2.7 - 8.3A</td>
<td>220 - 240VAC</td>
<td>50/60Hz</td>
<td>89%</td>
<td>Mains dimmable</td>
<td>UVC12100TD</td>
</tr>
<tr>
<td>100W</td>
<td>24Vdc</td>
<td>0.95</td>
<td>1.4 - 4.2A</td>
<td>220 - 240VAC</td>
<td>50/60Hz</td>
<td>89%</td>
<td>Mains dimmable</td>
<td>UVC24100TD</td>
</tr>
</tbody>
</table>

**Connections**
Screw terminal on I/P & O/P

**Dimensions** 210 x 67 x 34mm
**Weight** 360g

### UVC200TD

<table>
<thead>
<tr>
<th>Power</th>
<th>Voltage</th>
<th>Power Factor</th>
<th>Current Range</th>
<th>Input Voltage</th>
<th>Input Frequency</th>
<th>Efficiency</th>
<th>Dimming Function</th>
<th>Part Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>200W</td>
<td>12Vdc</td>
<td>0.95</td>
<td>5.5 - 16.7A</td>
<td>220 - 240VAC</td>
<td>50/60Hz</td>
<td>90%</td>
<td>Mains dimmable</td>
<td>UVC12200TD</td>
</tr>
<tr>
<td>200W</td>
<td>24Vdc</td>
<td>0.95</td>
<td>2.7 - 8.3A</td>
<td>220 - 240VAC</td>
<td>50/60Hz</td>
<td>90%</td>
<td>Mains dimmable</td>
<td>UVC24200TD</td>
</tr>
</tbody>
</table>

**Connections**
Screw terminal on I/P & O/P

**Dimensions** 249 x 72 x 40mm
**Weight** 1.24Kg

### PCV80TD

<table>
<thead>
<tr>
<th>Power</th>
<th>Voltage</th>
<th>Power Factor</th>
<th>Current Range</th>
<th>Input Voltage</th>
<th>Input Frequency</th>
<th>Efficiency</th>
<th>Dimming Function</th>
<th>Part Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>66W</td>
<td>12Vdc</td>
<td>0.95</td>
<td>4.3 - 5.5A</td>
<td>180 - 240VAC</td>
<td>50/60Hz</td>
<td>80%</td>
<td>Mains dimmable</td>
<td>PCV1260TD</td>
</tr>
<tr>
<td>80W</td>
<td>24Vdc</td>
<td>0.95</td>
<td>2.17 - 3.3A</td>
<td>180 - 240VAC</td>
<td>50/60Hz</td>
<td>80%</td>
<td>Mains dimmable</td>
<td>PCV2460TD</td>
</tr>
</tbody>
</table>

**Connections**
Screw terminal on I/P & O/P

**Dimensions** 190 x 65 x 29mm
**Weight** 503g
## LED DRIVERS

### CONSTANT VOLTAGE DIMMING DRIVERS

<table>
<thead>
<tr>
<th>Power</th>
<th>Voltage</th>
<th>Power Factor</th>
<th>Current Range</th>
<th>Input Voltage</th>
<th>Input Frequency</th>
<th>Efficiency</th>
<th>Dimming Function</th>
<th>Part Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>16W</td>
<td>12Vdc</td>
<td>0.95</td>
<td>0 - 1.34A</td>
<td>90 - 305VAC</td>
<td>47/63Hz</td>
<td>83%</td>
<td>1 - 10V, PWM or resistive</td>
<td>PEC-V01C-PD</td>
</tr>
<tr>
<td>16W</td>
<td>24Vdc</td>
<td>0.95</td>
<td>0 - 0.67A</td>
<td>90 - 305VAC</td>
<td>47/63Hz</td>
<td>84.5%</td>
<td>1 - 10V, PWM or resistive</td>
<td>PEC-V01G-PD</td>
</tr>
</tbody>
</table>

Cable connection (input) 300mm SJTW 2C 18AWG

Cable connection (Output) 300mm SJTW 4C 18AWG

Dimensions 148 x 40 x 32mm  Weight 210g

### PEC-V02-PD

<table>
<thead>
<tr>
<th>Power</th>
<th>Voltage</th>
<th>Power Factor</th>
<th>Current Range</th>
<th>Input Voltage</th>
<th>Input Frequency</th>
<th>Efficiency</th>
<th>Dimming Function</th>
<th>Part Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>25W</td>
<td>12Vdc</td>
<td>0.95</td>
<td>0 - 2.1A</td>
<td>90 - 305VAC</td>
<td>47/63Hz</td>
<td>84%</td>
<td>1 - 10V, PWM or resistive</td>
<td>PEC-V02C-PD</td>
</tr>
<tr>
<td>25W</td>
<td>24Vdc</td>
<td>0.95</td>
<td>0 - 1.05A</td>
<td>90 - 305VAC</td>
<td>47/63Hz</td>
<td>85.5%</td>
<td>1 - 10V, PWM or resistive</td>
<td>PEC-V01G-PD</td>
</tr>
</tbody>
</table>

Cable connection (input) 300mm SJTW 2C 18AWG

Cable connection (Output) 300mm SJTW 4C 18AWG

Dimensions 148 x 40 x 32mm  Weight 360g

### PEC-V04-PD

<table>
<thead>
<tr>
<th>Power</th>
<th>Voltage</th>
<th>Power Factor</th>
<th>Current Range</th>
<th>Input Voltage</th>
<th>Input Frequency</th>
<th>Efficiency</th>
<th>Dimming Function</th>
<th>Part Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>40W</td>
<td>12Vdc</td>
<td>0.95</td>
<td>0 - 3.4A</td>
<td>90 - 305VAC</td>
<td>47/63Hz</td>
<td>84%</td>
<td>1 - 10V, PWM or resistive</td>
<td>PEC-V04C-PD</td>
</tr>
<tr>
<td>40W</td>
<td>24Vdc</td>
<td>0.95</td>
<td>0 - 1.67A</td>
<td>90 - 305VAC</td>
<td>47/63Hz</td>
<td>87%</td>
<td>1 - 10V, PWM or resistive</td>
<td>PEC-V04G-PD</td>
</tr>
</tbody>
</table>

Cable connection (input) 300mm SJTW 2C 18AWG

Cable connection (Output) 300mm SJTW 4C 18AWG

Dimensions 162.5 x 43.5 x 32mm  Weight 450g

### Product Features

- Mains dimming Triac drivers 25W~200W
- 1-10V, PWM or resistive dimming drivers 16~240W
- 16W to 320W models available
- High efficiency
- Built in 1-10Vdc, PWM signal, resistive, triac & DALI dimming options available
- High PFC >0.9
- Over load, short circuit and over voltage protections
- SELV equivalent
- Cooling by free air convection
- Class II output
- Long life and high reliability
CONSTANT VOLTAGE DIMMING DRIVERS

### PEC-V06-PD

<table>
<thead>
<tr>
<th>Power</th>
<th>Voltage</th>
<th>Power Factor</th>
<th>Current Range</th>
<th>Input Voltage</th>
<th>Input Frequency</th>
<th>Efficiency</th>
<th>Dimming Function</th>
<th>Part Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>60W</td>
<td>12Vdc</td>
<td>0.95</td>
<td>0 - 3.4A</td>
<td>90 - 305VAC</td>
<td>47/63Hz</td>
<td>86%</td>
<td>1 - 10V, PWM or resistive dimming</td>
<td>PEC-V06C-PD</td>
</tr>
<tr>
<td>60W</td>
<td>24Vdc</td>
<td>0.95</td>
<td>0 - 1.67A</td>
<td>90 - 305VAC</td>
<td>47/63Hz</td>
<td>89%</td>
<td>1 - 10V, PWM or resistive dimming</td>
<td>PEC-V06G-PD</td>
</tr>
</tbody>
</table>

Cable connection (Input) 300mm SJTW 2C 18AWG

Cable connection (Output) 300mm 24/64 2C 14AWG & 22AWG

Dimensions 162.5 x 43 x 32mm  Weight 450g

### MWH-V12C-BP

<table>
<thead>
<tr>
<th>Power</th>
<th>Voltage</th>
<th>Power Factor</th>
<th>Current Range</th>
<th>Input Voltage</th>
<th>Input Frequency</th>
<th>Efficiency</th>
<th>Dimming Function</th>
<th>Part Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>120W</td>
<td>12Vdc</td>
<td>0.95</td>
<td>0 - 10A</td>
<td>90 - 305VAC</td>
<td>47/63Hz</td>
<td>92%</td>
<td>1 - 10V, PWM or resistive dimming</td>
<td>MWH-V12C-BP</td>
</tr>
<tr>
<td>120W</td>
<td>24Vdc</td>
<td>0.95</td>
<td>0 - 5A</td>
<td>90 - 305VAC</td>
<td>47/63Hz</td>
<td>93%</td>
<td>1 - 10V, PWM or resistive dimming</td>
<td>MWH-V12G-BP</td>
</tr>
</tbody>
</table>

Cable connection (Input) 300mm SJTW 2C 18AWG

Cable connection (Output) 300mm SJTW 2C 14AWG & 18AWG

Dimensions 220 x 68 x 38.8mm  Weight 1120g

### MWH-V24-BP

<table>
<thead>
<tr>
<th>Power</th>
<th>Voltage</th>
<th>Power Factor</th>
<th>Current Range</th>
<th>Input Voltage</th>
<th>Input Frequency</th>
<th>Efficiency</th>
<th>Dimming Function</th>
<th>Part Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>192W</td>
<td>12Vdc</td>
<td>0.95</td>
<td>0 - 16A</td>
<td>90 - 305VAC</td>
<td>47/63Hz</td>
<td>90%</td>
<td>1 - 10V, PWM or resistive dimming</td>
<td>MWH-V24C-BP</td>
</tr>
<tr>
<td>240W</td>
<td>24Vdc</td>
<td>0.95</td>
<td>0 - 10A</td>
<td>90 - 305VAC</td>
<td>47/63Hz</td>
<td>93%</td>
<td>1 - 10V, PWM or resistive dimming</td>
<td>MWH-V24G-BP</td>
</tr>
</tbody>
</table>

Cable connection (Input) 300mm SJTW 3C 18AWG

Cable connection (Output) 300mm SJTW 2C 14AWG & 18AWG

Dimensions 244.2 x 68 x 38.8mm  Weight 1300g

PRDIM LED POWER REPEATER

<table>
<thead>
<tr>
<th>Max Output Power</th>
<th>Voltage</th>
<th>Max Load Current</th>
<th>Address</th>
<th>TA</th>
<th>TC</th>
<th>Part Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>3/4 x (60 - 180)W</td>
<td>12 - 36Vdc</td>
<td>3/4 x 5A</td>
<td>PWM Control</td>
<td>-20°C - +50°C</td>
<td>+75°C</td>
<td>PRDIM</td>
</tr>
</tbody>
</table>

Cable connection (Input) 300mm AWG 14/18

Cable connection (Output) 300mm AWG 14/18

Dimensions 160 x 45 x 18mm

**Product Features**

- Mains dimming Triac drivers 9~40W
- 0-10V dimming drivers 25~60W
- DALI / pushdim dimming drivers 25~60W
- Constant voltage options
- Choice of IP ratings for indoor, outdoor and harsh environment applications
- Built in 0-10Vdc, 1-10Vdc, PWM signal, resistive, triac and DALI dimming options available
- EN61347-1, EN61347-2-13, EN55015, EN61000-3-2, EN61000-3-3 & EN61547
- Captive terminal screw or cable connections (dependent on driver model)
- Cooling by free air convection
### RGB COLOUR CONTROLERS

<table>
<thead>
<tr>
<th>Part Code</th>
<th>RGBRF-4x5A</th>
<th>RGBWIFI-4x5A</th>
<th>RGBRF-RC1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Voltage</td>
<td>12 - 36Vdc</td>
<td>12 - 36Vdc</td>
<td>3.6Vdc min or 4.5Vdc</td>
</tr>
<tr>
<td>Max Load Current</td>
<td>3/4 x 5A</td>
<td>4 x 5A</td>
<td>3/4/5x5A</td>
</tr>
<tr>
<td>TA</td>
<td>-20°C - +50°C</td>
<td>-20°C - +50°C</td>
<td>-20°C - +50°C</td>
</tr>
<tr>
<td>TC</td>
<td>+75°C</td>
<td>+75°C</td>
<td>+75°C</td>
</tr>
<tr>
<td>Operation Frequency</td>
<td>434MHz/868MHz</td>
<td>434MHz/868MHz</td>
<td></td>
</tr>
<tr>
<td>Dimensions</td>
<td>178 x 57 x 21mm</td>
<td>170 x 57 x 21mm</td>
<td>140 x 48 x 17mm</td>
</tr>
</tbody>
</table>

**RGBRF-4x5A**
- RGB and RGB+W RF colour control interface
- 4 x 5A channels
- Store up to 6 Zones and 6 scenes on each zone
- 10 pre-set dynamic changing modes with pause function
- Able to mix millions of colour combinations
- For use with the RGBRF-RC1 remote control and/or the RGBRF-WM
- Wall mount colour wheel

**RGBWIFI-4x5A**
- RGB and RGB+W RF colour control interface
- 4 x 5A channels
- Store up to 6 Zones and 6 scenes on each zone
- 10 pre-set dynamic changing modes with pause function
- Able to mix millions of colour combinations
- For use with the RGBRF-RC1 remote control and/or the RGBRF-WM
- Wall mount colour wheel
- Connects to WIFI for control from smart phone Apps on IOS and Android

**RGBRF-RC1**
- RF Remote control colour wheel for use with the RGBRF-4x5A and RGBWIFI-4x5A
- Colour wheel to instantly mix millions of colour combinations, which can then be stored in the handset.
- On/off and dimming functions
- 6 Zone control buttons
- Dynamic colour changing mode with pause function

**Product Features**

**RGBRF-4x5A**
- RGB and RGB+W RF colour control interface
- 4 x 5A channels
- Store up to 6 Zones and 6 scenes on each zone
- 10 pre-set dynamic changing modes with pause function
- Able to mix millions of colour combinations
- For use with the RGBRF-RC1 remote control and/or the RGBRF-WM
- Wall mount colour wheel

**RGBWIFI-4x5A**
- RGB and RGB+W RF colour control interface
- 4 x 5A channels
- Store up to 6 Zones and 6 scenes on each zone
- 10 pre-set dynamic changing modes with pause function
- Able to mix millions of colour combinations
- For use with the RGBRF-RC1 remote control and/or the RGBRF-WM
- Wall mount colour wheel
- Connects to WIFI for control from smart phone Apps on IOS and Android

**RGBRF-RC1**
- RF Remote control colour wheel for use with the RGBRF-4x5A and RGBWIFI-4x5A
- Colour wheel to instantly mix millions of colour combinations, which can then be stored in the handset.
- On/off and dimming functions
- 6 Zone control buttons
- Dynamic colour changing mode with pause function
RGB COLOUR CONTROLLERS

<table>
<thead>
<tr>
<th>Part Code</th>
<th>Voltage</th>
<th>Max Load Current</th>
<th>Operation Frequency</th>
<th>TA</th>
<th>Relative Humidity</th>
<th>Dimensions (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>RGBRF-WM</td>
<td>4.5V - 3xAAA Batteries (not included)</td>
<td>3 x 5A</td>
<td>434MHz / 868MHz / 915MHz</td>
<td>-0°C - +40°C</td>
<td>8% - 80%</td>
<td>88 x 88 x 29.1</td>
</tr>
<tr>
<td></td>
<td>12 - 24Vdc</td>
<td>3 x 5A</td>
<td>434MHz / 868MHz / 915MHz</td>
<td>-0°C - +40°C</td>
<td>8% - 80%</td>
<td>145 x 46.5 x 16</td>
</tr>
</tbody>
</table>

RGB COLOUR CONTROLLERS

RGBRF-WM

- RF wall mounted colour wheel
- AC powered with RF link to the interface
- Colour wheel to instantly mix millions of colour combinations, which can then be stored in the handset.
- On/off and dimming functions
- 4 Zone control buttons

CCT-RF-RCX & CCT-RF-3x5A

- Suitable for indoor LED lighting
- User-friendly interface, easy and simple operation
- Full tone adjustment
- Dimming control
- Simple modes
- Smooth tone control curve
- Operating frequency 434MHz/868MHz/915MHz

TUNEABLE WHITE CONTROLLERS

CCT-RF-RCX

- Dimensions 120 x 48 x 17.6mm

CCT-RF-3x5A

- Dimensions 145 x 46.5 x 16mm
### LED CONTROLLER KITS

<table>
<thead>
<tr>
<th><strong>Voltage</strong></th>
<th><strong>Rated Output Current</strong></th>
<th><strong>Remote Type</strong></th>
<th><strong>Remote Control Pairing</strong></th>
<th><strong>Transmission Distance</strong></th>
<th><strong>Part Code</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>5 - 24VDC</td>
<td>15A</td>
<td>RF wireless card remote controller</td>
<td>Can be paired with up to 3 controllers</td>
<td>&gt;15 metres</td>
<td>SCC206</td>
</tr>
</tbody>
</table>

**SCC206**
- Dimensions 86 x 40 x 6.5mm
- Weight 16g

<table>
<thead>
<tr>
<th><strong>Voltage</strong></th>
<th><strong>Rated Output Current</strong></th>
<th><strong>Remote Type</strong></th>
<th><strong>Remote Control Pairing</strong></th>
<th><strong>Transmission Distance</strong></th>
<th><strong>Part Code</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>5 - 24VDC</td>
<td>5A</td>
<td>RF wireless card remote controller</td>
<td>Can be paired with up to 3 controllers</td>
<td>&lt;10dBm</td>
<td>SCD107W</td>
</tr>
</tbody>
</table>

**SCD107W**
- Dimensions 86 x 40 x 6.5mm
- Weight 16g

<table>
<thead>
<tr>
<th><strong>Voltage</strong></th>
<th><strong>Rated Output Current</strong></th>
<th><strong>Remote Type</strong></th>
<th><strong>Remote Control Pairing</strong></th>
<th><strong>Transmission Distance</strong></th>
<th><strong>Part Code</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>6 - 24VDC</td>
<td>4A + 3x2.5A</td>
<td>RF wireless card remote controller</td>
<td>Can be paired with up to 3 controllers</td>
<td>&gt;15 metres</td>
<td>RGB18</td>
</tr>
</tbody>
</table>

**RGB18**
- Dimensions 115 x 52 x 5mm
- Weight 59g

### Product Features

**SCC206 & SCD107W**
- Remote single colour LED dimming controllers
- Multiple levels of brightness adjustment with short cuts to fixed settings
- Ultra slim design
- Easy to pair dimmer unit with more controllers
- Auto memory recall function
- 15 metre transmission distance
- Wide range inputs
- Suitable for 12VDC and 24VDC LED Tape

**RGB18**
- Remote RGB LED dimming controllers
- RGB White can be used independently
- RGB static colour selection with 6 direct selection buttons
- Ultra slim design
- Easy to pair dimmer unit with more controllers
- Over temperature, overload and short circuit protections
- RGBW 4 channel output
**LED CONTROLLER KITS**

---

### RGB-RP

**Part Code** RGB-RP

- **Rated Output Current**
  - White 4A + RGB 3x2.5A Channels

- **Output Channels**
  - 4

- **Voltage**
  - 6 - 24VDC

- **Dimensions** 85 x 21 x 8.5mm

- **Weight** 62g

To be used with RGB18 only.

---

### RGBW328W

- **Voltage**
  - 6 - 24VDC

- **Rated Output Current**
  - 3 x 5A

- **Remote Type**
  - RF wireless card remote controller

- **Remote Control Pairing**
  - Can be paired with up to 5 controllers

- **Bluetooth Control Distance**
  - >10m

- **Smart Phone Connection**
  - iOS or Android device

- **Smart Phone App Name**
  - ColorEasy 3 Plus

- **Smart Phone Distance**
  - >10M

- **Dimensions** 122 x 35 x 9mm

- **Weight** 29g

---

### PD2021

- **Voltage**
  - 5 - 24VDC

- **Rated Output Current**
  - 8A

- **Control Mode**
  - Single press key button - Press On/Off, press and hold for dimming

- **Dimensions** 46 x 12 x 5mm

- **Weight** 9g

---

### PDMINI

- **Voltage**
  - 5 - 24VDC

- **Rated Output Current**
  - 5A

- **Control Mode**
  - Three press buttons

- **Dimensions** 33 x 12 x 5mm

- **Weight** 7.2g

---

**Product Features**

**RGB-RP**

- Designed for extending quantity of RGB LED tape lengths that can be controlled together
- Provides channel outputs
- Use with one RGB controller to control multiple connections
- For use as repeater with RGB18 only
- RGBW 4 channel output
- Ultra slim design

**RGBW328W**

- Remote RGB LED dimming controllers
- Bluetooth compatible
- Supported by iOS or Android device
- Ultra slim design
- Easy RGB colour and dynamic settings
- Flicker free adjustable
- 10 metre transmission distance

**PD2021 & PDMINI**

- Ultra slim design
- Over temperature, overload and short circuit protections
- Auto recall function
- Easy ‘Plug and Play’ technology
- Wide 5~24VDC input range
- Reverse polarity protection
- Small compact design
## DISPLAY DRIVERS

### LBV60

<table>
<thead>
<tr>
<th>Power</th>
<th>Voltage</th>
<th>Power Factor</th>
<th>Input Voltage</th>
<th>Input Frequency</th>
<th>Efficiency</th>
<th>Dimming Function</th>
<th>Part Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>60W</td>
<td>12Vdc</td>
<td>≥0.95</td>
<td>100 - 277VAC</td>
<td>47/63Hz</td>
<td>87%</td>
<td>0 - 10V, PWM or resistive dimming</td>
<td>LBV60-12D</td>
</tr>
<tr>
<td>60W</td>
<td>24Vdc</td>
<td>≥0.95</td>
<td>100 - 277VAC</td>
<td>47/63Hz</td>
<td>87%</td>
<td>0 - 10V, PWM or resistive dimming</td>
<td>LBV60-24D</td>
</tr>
</tbody>
</table>

Dimensions 346 x 29.4 x 19.5mm  
Weight 275±8g

### LBV100

<table>
<thead>
<tr>
<th>Power</th>
<th>Voltage</th>
<th>Power Factor</th>
<th>Input Voltage</th>
<th>Input Frequency</th>
<th>Efficiency</th>
<th>Dimming Function</th>
<th>Part Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>100W</td>
<td>12Vdc</td>
<td>≥0.95</td>
<td>100 - 277VAC</td>
<td>47/63Hz</td>
<td>87%</td>
<td>0 - 10V, PWM or resistive dimming</td>
<td>LBV100-12D</td>
</tr>
<tr>
<td>100W</td>
<td>24Vdc</td>
<td>≥0.95</td>
<td>100 - 277VAC</td>
<td>47/63Hz</td>
<td>87%</td>
<td>0 - 10V, PWM or resistive dimming</td>
<td>LBV100-24D</td>
</tr>
</tbody>
</table>

Dimensions 372 x 29 x 28mm  
Weight 450±8g

### PCCX2E

<table>
<thead>
<tr>
<th>Power</th>
<th>Voltage</th>
<th>Power Factor</th>
<th>Current Range</th>
<th>Input Voltage</th>
<th>Input Frequency</th>
<th>Efficiency</th>
<th>Part Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>60W</td>
<td>25 - 50Vdc</td>
<td>0.98</td>
<td>2 x 350mA</td>
<td>200 - 240VAC</td>
<td>47/63Hz</td>
<td>91%</td>
<td>PCC35035x2E</td>
</tr>
<tr>
<td>60W</td>
<td>25 - 50Vdc</td>
<td>0.98</td>
<td>2 x 500mA</td>
<td>200 - 240VAC</td>
<td>47/63Hz</td>
<td>91%</td>
<td>PCC50050x2E</td>
</tr>
<tr>
<td>60W</td>
<td>25 - 50Vdc</td>
<td>0.98</td>
<td>2 x 700mA</td>
<td>200 - 240VAC</td>
<td>47/63Hz</td>
<td>92%</td>
<td>PCC70070x2E</td>
</tr>
</tbody>
</table>

Connections (Input)  
300mm VDE H05-K 3C  
Connections (Output)  
300mm VDE H05-K 4C

Dimensions 285 x 30 x 28mm  
Weight 150g

### Product Features

**LBV60 & LBV100**
- High efficiency >87%
- High power factor ≥0.95
- Extended operating temperature
- 3 in 1 dimming (1-10VDC, PWM or resistance)
- Quick fit AC and DC cable terminations
- LOW ESR output capacitors
- Thermally efficient design
- Short circuit, over load & over voltage protection

**PCCX2E**
- For use in luminaires of protection class I
- Wire to operate as dual or single channel
- Soft start and low output current ripple
- SELV equivalent output voltages <60Vdc
- Over Load, Short Circuit and Over Temperature protections
## DISPLAY DRIVERS

<table>
<thead>
<tr>
<th>Power</th>
<th>Voltage</th>
<th>Power Factor</th>
<th>Current Range</th>
<th>Input Voltage</th>
<th>Input Frequency</th>
<th>Efficiency</th>
<th>Part Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>30W</td>
<td>12Vdc</td>
<td>0.90</td>
<td>2.5A</td>
<td>90 - 264VAC</td>
<td>47/63Hz</td>
<td>83%</td>
<td>UTR12-30-U</td>
</tr>
<tr>
<td>30W</td>
<td>24Vdc</td>
<td>0.90</td>
<td>1.25A</td>
<td>90 - 264VAC</td>
<td>47/63Hz</td>
<td>83%</td>
<td>UTR24-30-U</td>
</tr>
</tbody>
</table>

**Connections**
- Cables on I/P & O/P

**Dimensions**
- 193.4 x 28.3 x 19mm
- Weight: 130g

---

<table>
<thead>
<tr>
<th>Power</th>
<th>Voltage</th>
<th>Power Factor</th>
<th>Current Range</th>
<th>Input Voltage</th>
<th>Input Frequency</th>
<th>Efficiency</th>
<th>Part Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>60W</td>
<td>12Vdc</td>
<td>0.90</td>
<td>0 - 5A</td>
<td>180 - 264VAC</td>
<td>47/63Hz</td>
<td>88%</td>
<td>UTR12-60</td>
</tr>
<tr>
<td>60W</td>
<td>24Vdc</td>
<td>0.90</td>
<td>0 - 2.5A</td>
<td>180 - 264VAC</td>
<td>47/63Hz</td>
<td>85%</td>
<td>UTR24-60</td>
</tr>
</tbody>
</table>

**Connections**
- Cables on I/P & O/P

**Dimensions**
- 193.4 x 28.3 x 19mm
- Weight: 180g

---

<table>
<thead>
<tr>
<th>Power</th>
<th>Voltage</th>
<th>Power Factor</th>
<th>Current Range</th>
<th>Input Voltage</th>
<th>Input Frequency</th>
<th>Efficiency</th>
<th>Part Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>60W</td>
<td>12Vdc</td>
<td>0.95</td>
<td>0 - 5A</td>
<td>100 - 264VAC</td>
<td>47/63Hz</td>
<td>86%</td>
<td>PCV1260E</td>
</tr>
<tr>
<td>60W</td>
<td>24Vdc</td>
<td>0.95</td>
<td>0 - 2.5A</td>
<td>100 - 264VAC</td>
<td>47/63Hz</td>
<td>87%</td>
<td>PCV2460E</td>
</tr>
</tbody>
</table>

**Connections**
- Cables on I/P & O/P

**Dimensions**
- 240 x 30 x 28mm
- Weight: 450g

---

### Product Features

#### UTR-30-U & UTR-60-U
- Low profile linear design
- High efficiency, power factor corrected design
- Over load, over voltage and short circuit protections
- Ideal for use in linear applications or where space is limited
- IP62 design for indoor installations requiring higher ingress protection

#### PCV60E
- Super slim compact design
- Full range AC input
- Short circuit, over load & over voltage protection
- High Efficiency, long life and high reliability
- IP67 design
- Class I with earth
SOLDERLESS CONNECTORS FOR LED TAPE

A wide variety of reliable, high-quality, solderless connectors to give you easy solutions for connecting LED flexible tapes, or terminating cut ends. Connecting your LED flexible tape is now quick and easy without the need to solder. To fit all widths of tape from 8mm~12mm available in tape to tape, tape to driver and butt joints.

The connectors are available as tail cable, joining connector or wire to wire connector for multiple configuration options.

CONNECTORS for use with IP20 Tape

<table>
<thead>
<tr>
<th>Voltage</th>
<th>Pin Pitch</th>
<th>Rated Current</th>
<th>Polarity</th>
<th>Fitting Colour</th>
<th>Housing</th>
<th>Part Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>DC3V~24V</td>
<td>3.6mm</td>
<td>3A</td>
<td>2</td>
<td>White</td>
<td>Nylon66</td>
<td>8C-2-20</td>
</tr>
</tbody>
</table>

Dimensions 12.5 x 15.3 x 4.6mm

CONNECTORS for use with IP20 Tape

<table>
<thead>
<tr>
<th>Voltage</th>
<th>Pin Pitch</th>
<th>Rated Current</th>
<th>Polarity</th>
<th>Wire Length</th>
<th>Fitting Colour</th>
<th>Housing</th>
<th>Part Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>DC3V~24V</td>
<td>3.6mm</td>
<td>3A</td>
<td>2</td>
<td>150mm</td>
<td>White</td>
<td>Nylon66</td>
<td>8C8-2-20</td>
</tr>
</tbody>
</table>

Dimensions 12.5 x 15.3 x 4.6mm

CONNECTORS for use with IP20 Tape

<table>
<thead>
<tr>
<th>Voltage</th>
<th>Pin Pitch</th>
<th>Rated Current</th>
<th>Polarity</th>
<th>Wire Length</th>
<th>Fitting Colour</th>
<th>Housing</th>
<th>Part Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>DC3V~24V</td>
<td>3.6mm</td>
<td>3A</td>
<td>2</td>
<td>150mm</td>
<td>White</td>
<td>Nylon66</td>
<td>8W8-2-20</td>
</tr>
</tbody>
</table>

Dimensions 12.5 x 15.3 x 4.6mm

Product Features

- Quick, clean and easy way to join and terminate LED flexible tape
- Suitable for use with 8mm, 10mm & 12mm PCBs
- Ideal for IP20 & IP65 rated LED tape
- Tail cable, joining connector or wire to wire connector for multiple configuration options
- Suitable for 3528, 5050, 2835 single colour, RGB & RGB+W LED tape
# Solderless Connectors for LED Tape

## Connectors for use with IP65 Tape

<table>
<thead>
<tr>
<th>Voltage</th>
<th>Pin Pitch</th>
<th>Rated Current</th>
<th>Polarity</th>
<th>Wire Length</th>
<th>Fitting Colour</th>
<th>Housing</th>
<th>Part Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>DC3V~24V</td>
<td>3.5mm</td>
<td>5A</td>
<td>2</td>
<td>150mm</td>
<td>White</td>
<td>Nylon66</td>
<td>8C-2-65</td>
</tr>
<tr>
<td>DC3V~24V</td>
<td>3.5mm</td>
<td>5A</td>
<td>2</td>
<td>150mm</td>
<td>White</td>
<td>Nylon66</td>
<td>8C8-2-65</td>
</tr>
<tr>
<td>DC3V~24V</td>
<td>3.5mm</td>
<td>5A</td>
<td>2</td>
<td>150mm</td>
<td>White</td>
<td>Nylon66</td>
<td>8W8-2-65</td>
</tr>
</tbody>
</table>

**Dimensions:** 15.3 x 13.4 x 8.1mm

## Connectors for use with IP20 Tape

<table>
<thead>
<tr>
<th>Voltage</th>
<th>Pin Pitch</th>
<th>Rated Current</th>
<th>Polarity</th>
<th>Wire Length</th>
<th>Fitting Colour</th>
<th>Housing</th>
<th>Part Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>DC3V~24V</td>
<td>4.8mm</td>
<td>3A</td>
<td>2</td>
<td>150mm</td>
<td>White</td>
<td>Nylon66</td>
<td>10C-2-20</td>
</tr>
<tr>
<td>DC3V~24V</td>
<td>4.8mm</td>
<td>3A</td>
<td>2</td>
<td>150mm</td>
<td>White</td>
<td>Nylon66</td>
<td>10C10-2-20</td>
</tr>
</tbody>
</table>

**Dimensions:** 14.2 x 15.3 x 4.6mm
LED LIGHTING ACCESSORIES

CONNECTORS for use with IP20 Tape

<table>
<thead>
<tr>
<th>Part Code</th>
<th>Voltage</th>
<th>Pin Pitch</th>
<th>Rated Current</th>
<th>Polarity</th>
<th>Wire Length</th>
<th>Fitting Colour</th>
<th>Housing</th>
<th>Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>10W10-2-20</td>
<td>DC3V~24V</td>
<td>4.8mm</td>
<td>3A</td>
<td>2</td>
<td>150mm</td>
<td>White</td>
<td>Nylon66</td>
<td>14.2 x 15.3 x 4.6mm</td>
</tr>
</tbody>
</table>

CONNECTORS for use with IP65 Tape

<table>
<thead>
<tr>
<th>Part Code</th>
<th>Voltage</th>
<th>Pin Pitch</th>
<th>Rated Current</th>
<th>Polarity</th>
<th>Wire Length</th>
<th>Fitting Colour</th>
<th>Housing</th>
<th>Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>10C-2-65</td>
<td>DC3V~24V</td>
<td>4.8mm</td>
<td>5A</td>
<td>2</td>
<td>150mm</td>
<td>White</td>
<td>Nylon66</td>
<td>15.3 x 15.4 x 8.1mm</td>
</tr>
</tbody>
</table>

CONNECTORS for use with IP65 Tape

<table>
<thead>
<tr>
<th>Part Code</th>
<th>Voltage</th>
<th>Pin Pitch</th>
<th>Rated Current</th>
<th>Polarity</th>
<th>Wire Length</th>
<th>Fitting Colour</th>
<th>Housing</th>
<th>Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>10C10-2-65</td>
<td>DC3V~24V</td>
<td>4.8mm</td>
<td>5A</td>
<td>2</td>
<td>150mm</td>
<td>White</td>
<td>Nylon66</td>
<td>15.3 x 15.4 x 8.1mm</td>
</tr>
</tbody>
</table>

CONNECTORS for use with IP65 Tape

<table>
<thead>
<tr>
<th>Part Code</th>
<th>Voltage</th>
<th>Pin Pitch</th>
<th>Rated Current</th>
<th>Polarity</th>
<th>Wire Length</th>
<th>Fitting Colour</th>
<th>Housing</th>
<th>Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>10W10-2-65</td>
<td>DC3V~24V</td>
<td>4.8mm</td>
<td>5A</td>
<td>2</td>
<td>150mm</td>
<td>White</td>
<td>Nylon66</td>
<td>15.3 x 15.4 x 8.1mm</td>
</tr>
</tbody>
</table>

CONNECTORS for use with IP20 Tape

<table>
<thead>
<tr>
<th>Part Code</th>
<th>Voltage</th>
<th>Pin Pitch</th>
<th>Rated Current</th>
<th>Polarity</th>
<th>Wire Length</th>
<th>Fitting Colour</th>
<th>Housing</th>
<th>Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>10C-RGB-20</td>
<td>DC3V~24V</td>
<td>2.4mm</td>
<td>3A</td>
<td>4</td>
<td></td>
<td>White</td>
<td>Nylon66</td>
<td>14.2 x 15.3 x 4.6mm</td>
</tr>
</tbody>
</table>
### CONNECTORS for use with IP65 Tape

<table>
<thead>
<tr>
<th>Voltage</th>
<th>Pin Pitch</th>
<th>Rated Current</th>
<th>Polarity</th>
<th>Fitting Colour</th>
<th>Housing</th>
<th>Part Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>DC3V~24V</td>
<td>2.4mm</td>
<td>5A</td>
<td>4</td>
<td>White</td>
<td>Nylon66</td>
<td>10C-RGB-65</td>
</tr>
</tbody>
</table>

Dimensions: 15.3 x 15.4 x 8.1mm

### CONNECTORS for use with IP20 Tape

<table>
<thead>
<tr>
<th>Voltage</th>
<th>Pin Pitch</th>
<th>Rated Current</th>
<th>Polarity</th>
<th>Fitting Colour</th>
<th>Housing</th>
<th>Part Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>DC3V~24V</td>
<td>2.4mm</td>
<td>3A</td>
<td>5</td>
<td>White</td>
<td>Nylon66</td>
<td>10C-RGB+W-20</td>
</tr>
</tbody>
</table>

Dimensions: 16.5 x 15.3 x 4.6mm

### CONNECTORS for use with IP20 Tape

<table>
<thead>
<tr>
<th>Voltage</th>
<th>Pin Pitch</th>
<th>Rated Current</th>
<th>Polarity</th>
<th>Wire Length</th>
<th>Fitting Colour</th>
<th>Housing</th>
<th>Part Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>DC3V~24V</td>
<td>2.4mm</td>
<td>3A</td>
<td>5</td>
<td>150mm</td>
<td>White</td>
<td>Nylon66</td>
<td>10C10-RGB+W-20</td>
</tr>
</tbody>
</table>

Dimensions: 16.5 x 15.3 x 4.6mm

### CONNECTORS for use with IP20 Tape

<table>
<thead>
<tr>
<th>Voltage</th>
<th>Pin Pitch</th>
<th>Rated Current</th>
<th>Polarity</th>
<th>Wire Length</th>
<th>Fitting Colour</th>
<th>Housing</th>
<th>Part Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>DC3V~24V</td>
<td>2.4mm</td>
<td>3A</td>
<td>5</td>
<td>150mm</td>
<td>White</td>
<td>Nylon66</td>
<td>10W10-RGB+W-20</td>
</tr>
</tbody>
</table>

Dimensions: 16.5 x 15.3 x 4.6mm
CAIMEN CONNECTORS FOR LED TAPE

Simple to use snap shut connectors are a clever way to join and terminate LED flexible tape without the need to strip away the tape’s PV coating or to strip the cables. Suits 8, 10 & 12mm wide tapes 2, 3 and 4 core cables.

CAIMEN CABLE TO TAPE CONNECTOR for use with 8mm IP20 Tape

<table>
<thead>
<tr>
<th>Voltage</th>
<th>Pin Pitch</th>
<th>Rated Current</th>
<th>Polarity</th>
<th>Fitting Colour</th>
<th>Housing</th>
<th>Part Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>DC3V~24V</td>
<td>3.6mm</td>
<td>5A</td>
<td>2</td>
<td>Transparent &amp; Black</td>
<td>PC</td>
<td>CAM-F8-2-20</td>
</tr>
</tbody>
</table>

Dimensions 24.75 x 12.6 x 7.66mm

CAIMEN TAPE TO TAPE CONNECTOR for use with 8mm IP20 Tape

<table>
<thead>
<tr>
<th>Voltage</th>
<th>Pin Pitch</th>
<th>Rated Current</th>
<th>Polarity</th>
<th>Fitting Colour</th>
<th>Housing</th>
<th>Part Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>DC3V~24V</td>
<td>3.6mm</td>
<td>5A</td>
<td>2</td>
<td>Transparent &amp; Black</td>
<td>PC</td>
<td>CAM-F8-2-20-TT</td>
</tr>
</tbody>
</table>

Dimensions 19.55 x 12.6 x 7.66mm

CAIMEN CABLE TO TAPE CONNECTOR for use with 8mm IP65 Tape

<table>
<thead>
<tr>
<th>Voltage</th>
<th>Pin Pitch</th>
<th>Rated Current</th>
<th>Polarity</th>
<th>Fitting Colour</th>
<th>Housing</th>
<th>Part Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>DC3V~24V</td>
<td>3.6mm</td>
<td>5A</td>
<td>2</td>
<td>Transparent &amp; Black</td>
<td>PC</td>
<td>CAM-F8-2-65</td>
</tr>
</tbody>
</table>

Dimensions 24.27 x 12.6 x 7.66mm

CAIMEN TAPE TO TAPE CONNECTOR for use with 8mm IP65 Tape

<table>
<thead>
<tr>
<th>Voltage</th>
<th>Pin Pitch</th>
<th>Rated Current</th>
<th>Polarity</th>
<th>Fitting Colour</th>
<th>Housing</th>
<th>Part Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>DC3V~24V</td>
<td>3.6mm</td>
<td>5A</td>
<td>2</td>
<td>Transparent &amp; Black</td>
<td>PC</td>
<td>CAM-F8-2-65-TT</td>
</tr>
</tbody>
</table>

Dimensions 19.55 x 12.6 x 7.66mm

Product Features

- Quick, clean and easy way to join and terminate LED Flexible Tape
- Suitable for use with 8mm, 10mm & 12mm PCBs
- Ideal for IP20 and IP65 tape without the need to remove PV coating
- Tape to tape and tape to wire versions available
- Suitable for 3528, 5050 & 2835 single colour LED tape
### CAIMEN CABLE TO TAPE CONNECTOR for use with 10mm IP20 Tape

<table>
<thead>
<tr>
<th>Voltage</th>
<th>Pin Pitch</th>
<th>Rated Current</th>
<th>Polarity</th>
<th>Fitting Colour</th>
<th>Housing</th>
<th>Part Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>DC3V~24V</td>
<td>5mm</td>
<td>5A</td>
<td>2</td>
<td>Transparent &amp; Black</td>
<td>PC</td>
<td>CAM-F10-2-20</td>
</tr>
</tbody>
</table>

Dimensions: 24.3 x 14.6 x 7.7mm

### CAIMEN TAPE TO TAPE CONNECTOR for use with 10mm IP20 Tape

<table>
<thead>
<tr>
<th>Voltage</th>
<th>Pin Pitch</th>
<th>Rated Current</th>
<th>Polarity</th>
<th>Fitting Colour</th>
<th>Housing</th>
<th>Part Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>DC3V~24V</td>
<td>5mm</td>
<td>5A</td>
<td>2</td>
<td>Transparent &amp; Black</td>
<td>PC</td>
<td>CAM-F10-2-20-TT</td>
</tr>
</tbody>
</table>

Dimensions: 19.55 x 14.6 x 7.7mm

### CAIMEN CABLE TO TAPE CONNECTOR for use with 10mm IP65 Tape

<table>
<thead>
<tr>
<th>Voltage</th>
<th>Pin Pitch</th>
<th>Rated Current</th>
<th>Polarity</th>
<th>Fitting Colour</th>
<th>Housing</th>
<th>Part Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>DC3V~24V</td>
<td>5mm</td>
<td>5A</td>
<td>2</td>
<td>Transparent &amp; Black</td>
<td>PC</td>
<td>CAM-F10-2-65</td>
</tr>
</tbody>
</table>

Dimensions: 24.3 x 14.6 x 7.7mm

### CAIMEN TAPE TO TAPE CONNECTOR for use with 10mm IP65 Tape

<table>
<thead>
<tr>
<th>Voltage</th>
<th>Pin Pitch</th>
<th>Rated Current</th>
<th>Polarity</th>
<th>Fitting Colour</th>
<th>Housing</th>
<th>Part Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>DC3V~24V</td>
<td>5mm</td>
<td>5A</td>
<td>2</td>
<td>Transparent &amp; Black</td>
<td>PC</td>
<td>CAM-F10-2-65-TT</td>
</tr>
</tbody>
</table>

Dimensions: 19.55 x 14.6 x 7.7mm

### CAIMEN CABLE TO TAPE CONNECTOR for use with 10mm IP20 Tuneable Tape

<table>
<thead>
<tr>
<th>Voltage</th>
<th>Pin Pitch</th>
<th>Rated Current</th>
<th>Polarity</th>
<th>Fitting Colour</th>
<th>Housing</th>
<th>Part Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>DC3V~24V</td>
<td>5mm</td>
<td>5A</td>
<td>3</td>
<td>Transparent &amp; Black</td>
<td>PC</td>
<td>CAM-F10-3-20</td>
</tr>
</tbody>
</table>

Dimensions: 24.3 x 14.6 x 7.2mm

### CAIMEN TAPE TO TAPE CONNECTOR for use with 10mm IP20 Tuneable Tape

<table>
<thead>
<tr>
<th>Voltage</th>
<th>Pin Pitch</th>
<th>Rated Current</th>
<th>Polarity</th>
<th>Fitting Colour</th>
<th>Housing</th>
<th>Part Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>DC3V~24V</td>
<td>5mm</td>
<td>5A</td>
<td>3</td>
<td>Transparent &amp; Black</td>
<td>PC</td>
<td>CAM-F10-3-20-TT</td>
</tr>
</tbody>
</table>

Dimensions: 19.55 x 14.6 x 7.2mm
<table>
<thead>
<tr>
<th></th>
<th>Voltage</th>
<th>Pin Pitch</th>
<th>Rated Current</th>
<th>Polarity</th>
<th>Fitting Colour</th>
<th>Housing</th>
<th>Part Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAIMEN CABLE TO TAPE CONNECTOR for use with 10mm IP65 Tuneable Tape</td>
<td>DC3V~24V</td>
<td>5mm</td>
<td>5A</td>
<td>3</td>
<td>Transparent &amp; Black</td>
<td>PC</td>
<td>CAM-F10-3-65</td>
</tr>
<tr>
<td></td>
<td>Dimensions</td>
<td>24.3 x 14.6 x 7.7mm</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CAIMEN TAPE TO TAPE CONNECTOR for use with 10mm IP65 Tuneable Tape</td>
<td>DC3V~24V</td>
<td>5mm</td>
<td>5A</td>
<td>3</td>
<td>Transparent &amp; Black</td>
<td>PC</td>
<td>CAM-F10-3-65-TT</td>
</tr>
<tr>
<td></td>
<td>Dimensions</td>
<td>19.55 x 14.6 x 7.7mm</td>
<td></td>
<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>CAIMEN CABLE TO TAPE CONNECTOR for use with 10mm IP20 RGB Tape</td>
<td>DC3V~24V</td>
<td>2.5mm</td>
<td>5A</td>
<td>4</td>
<td>Transparent &amp; Black</td>
<td>PC</td>
<td>CAM-F10-RGB-20</td>
</tr>
<tr>
<td></td>
<td>Dimensions</td>
<td>24.27 x 14.6 x 7.7mm</td>
<td></td>
<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>CAIMEN TAPE TO TAPE CONNECTOR for use with 10mm IP20 RGB Tape</td>
<td>DC3V~24V</td>
<td>2.5mm</td>
<td>5A</td>
<td>4</td>
<td>Transparent &amp; Black</td>
<td>PC</td>
<td>CAM-F10-RGB-20-TT</td>
</tr>
<tr>
<td></td>
<td>Dimensions</td>
<td>19.55 x 14.6 x 7.68mm</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CAIMEN CABLE TO TAPE CONNECTOR for use with 10mm IP65 RGB Tape</td>
<td>DC3V~24V</td>
<td>2.4mm</td>
<td>5A</td>
<td>4</td>
<td>Transparent &amp; Black</td>
<td>PC</td>
<td>CAM-F10-RGB-65</td>
</tr>
<tr>
<td></td>
<td>Dimensions</td>
<td>24.3 x 14.6 x 7.7mm</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CAIMEN TAPE TO TAPE CONNECTOR for use with 10mm IP65 RGB Tape</td>
<td>DC3V~24V</td>
<td>2.4mm</td>
<td>5A</td>
<td>4</td>
<td>Transparent &amp; Black</td>
<td>PC</td>
<td>CAM-F10-RGB-65-TT</td>
</tr>
<tr>
<td></td>
<td>Dimensions</td>
<td>19.55 x 14.6 x 7.7mm</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CAIMEN CABLE TO TAPE CONNECTOR for use with 12mm IP20 RGB+W Tape</td>
<td>CAM-F12-RGB+W-20</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>---</td>
<td>---</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Voltage</td>
<td>Pin Pitch</td>
<td>Rated Current</td>
<td>Polarity</td>
<td>Fitting Colour</td>
<td>Housing</td>
<td>Part Code</td>
<td></td>
</tr>
<tr>
<td>DC3V~24V</td>
<td>2.4mm</td>
<td>5A</td>
<td>5</td>
<td>Transparent &amp; Black</td>
<td>PC</td>
<td>CAM-F12-RGB+W-20</td>
<td></td>
</tr>
<tr>
<td>Dimensions</td>
<td>24.3 x 17 x 7.78mm</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>CAIMEN TAPE TO TAPE CONNECTOR for use with 12mm IP20 RGB+W Tape</th>
<th>CAM-F12-RGB+W-20-TT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Voltage</td>
<td>Pin Pitch</td>
</tr>
<tr>
<td>DC3V~24V</td>
<td>2.4mm</td>
</tr>
<tr>
<td>Dimensions</td>
<td>19.55 x 17 x 7.78mm</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>CAIMEN CABLE TO TAPE CONNECTOR for use with 12mm IP65 RGB+W Tape</th>
<th>CAM-F12-RGB+W-65</th>
</tr>
</thead>
<tbody>
<tr>
<td>Voltage</td>
<td>Pin Pitch</td>
</tr>
<tr>
<td>DC3V~24V</td>
<td>2.4mm</td>
</tr>
<tr>
<td>Dimensions</td>
<td>24.3 x 17 x 7.78mm</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>CAIMEN TAPE TO TAPE CONNECTOR for use with 12mm IP65 RGB+W Tape</th>
<th>CAM-F12-RGB+W-65-TT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Voltage</td>
<td>Pin Pitch</td>
</tr>
<tr>
<td>DC3V~24V</td>
<td>2.4mm</td>
</tr>
<tr>
<td>Dimensions</td>
<td>19.55 x 17 x 7.78mm</td>
</tr>
</tbody>
</table>

**Product Features**

- Quick, clean and easy way to join and terminate LED flexible tape
- Suitable for use with 8mm, 10mm & 12mm PCBs
- Ideal for IP20 and IP65 tape without the need to remove PV coating
- Tape to tape and tape to wire versions available
- Suitable for 3528, 5050 & 2835 single colour LED tape
Distribution boxes allow for multiple connectors to a single source, available in 2, 3 & 4 way. The INTELLI connector fits cables 22~20 AWG with no need to strip the ends.

**INTELLI CONNECTOR for use with 22-20 AWG cable**

<table>
<thead>
<tr>
<th>Voltage</th>
<th>Rated Current</th>
<th>Polarity</th>
<th>Fitting Colour</th>
<th>Housing</th>
<th>Part Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>36V</td>
<td>9A</td>
<td>2</td>
<td>Transparent &amp; Black</td>
<td>PC</td>
<td>INT-IL-2-20</td>
</tr>
</tbody>
</table>

Dimensions: 21.7 x 9.5 x 6mm

**INTELLI DUAL DISTRIBUTION BOX CONNECTOR**

<table>
<thead>
<tr>
<th>Rated Voltage</th>
<th>Max. Current</th>
<th>Fitting Colour</th>
<th>Housing</th>
<th>Part Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>12-36V</td>
<td>6A (total)</td>
<td>White</td>
<td>PC</td>
<td>INT-DB-2-20</td>
</tr>
</tbody>
</table>

Dimensions: 30.7 x 28 x 9.5mm

**INTELLI TRIPLE DISTRIBUTION BOX CONNECTOR**

<table>
<thead>
<tr>
<th>Rated Voltage</th>
<th>Max. Current</th>
<th>Fitting Colour</th>
<th>Housing</th>
<th>Part Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>12-36V</td>
<td>6A (total)</td>
<td>White</td>
<td>PC</td>
<td>INT-DB-3-20</td>
</tr>
</tbody>
</table>

Dimensions: 30.7 x 40 x 9.5mm

**INTELLI QUAD DISTRIBUTION BOX CONNECTOR**

<table>
<thead>
<tr>
<th>Rated Voltage</th>
<th>Max. Current</th>
<th>Fitting Colour</th>
<th>Housing</th>
<th>Part Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>12-36V</td>
<td>6A (total)</td>
<td>White</td>
<td>PC</td>
<td>INT-DB-4-20</td>
</tr>
</tbody>
</table>

Dimensions: 30.7 x 52 x 9.5mm

**Product Features**

- Quick, clean and easy way to join cables to tape
- Ideal for IP20 and IP65 tape through 2, 3 & 4 way distribution boxes
- No need to strip the cables
- Suitable for 3528, 5050 & 2835 single colour LED tape
SPLICE CABLE CONNECTORS FOR LED TAPE

The SPLICE connectors are a great way to join cables in-line and in “T” sections. No need to strip the ends “T” connectors to splice onto single and twin cables.

Suitable for 22-20 AWG cable 0.34 - 0.5mm².

### SPLICE IN-LINE CABLE CONNECTOR

<table>
<thead>
<tr>
<th>SPL-IL-1-20</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Rated Voltage</strong></td>
</tr>
<tr>
<td><strong>Rated Current</strong></td>
</tr>
<tr>
<td><strong>Polarity</strong></td>
</tr>
<tr>
<td><strong>Fitting Colour</strong></td>
</tr>
<tr>
<td><strong>Housing</strong></td>
</tr>
<tr>
<td><strong>Part Code</strong></td>
</tr>
<tr>
<td><strong>Dimensions</strong></td>
</tr>
</tbody>
</table>

### SPLICE IN-LINE DUAL CABLE CONNECTOR

<table>
<thead>
<tr>
<th>SPL-IL-2-20</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Rated Voltage</strong></td>
</tr>
<tr>
<td><strong>Rated Current</strong></td>
</tr>
<tr>
<td><strong>Polarity</strong></td>
</tr>
<tr>
<td><strong>Fitting Colour</strong></td>
</tr>
<tr>
<td><strong>Housing</strong></td>
</tr>
<tr>
<td><strong>Part Code</strong></td>
</tr>
<tr>
<td><strong>Dimensions</strong></td>
</tr>
</tbody>
</table>

### SPLICE T SECTION CABLE CONNECTOR

<table>
<thead>
<tr>
<th>SPL-T-1-20</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Rated Voltage</strong></td>
</tr>
<tr>
<td><strong>Rated Current</strong></td>
</tr>
<tr>
<td><strong>Polarity</strong></td>
</tr>
<tr>
<td><strong>Fitting Colour</strong></td>
</tr>
<tr>
<td><strong>Housing</strong></td>
</tr>
<tr>
<td><strong>Part Code</strong></td>
</tr>
<tr>
<td><strong>Dimensions</strong></td>
</tr>
</tbody>
</table>

### SPLICE T SECTION DUAL CABLE CONNECTOR

<table>
<thead>
<tr>
<th>SPL-T-2-20</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Rated Voltage</strong></td>
</tr>
<tr>
<td><strong>Rated Current</strong></td>
</tr>
<tr>
<td><strong>Polarity</strong></td>
</tr>
<tr>
<td><strong>Fitting Colour</strong></td>
</tr>
<tr>
<td><strong>Housing</strong></td>
</tr>
<tr>
<td><strong>Part Code</strong></td>
</tr>
<tr>
<td><strong>Dimensions</strong></td>
</tr>
</tbody>
</table>

**Product Features**

- Quick, clean and easy way to join cables in-line and in “T” sections
- For use with 22-20 AWG cable 0.34 - 0.5mm²
ALUMINIUM EXTRUSIONS FOR LED TAPE

A versatile range of aluminium profiles packed in easy formats to enhance LED installations. Choose from surface and recessed mounts to angled profiles.

- Durable 1 metre aluminium extrusion.
- Each extrusion pack includes a clear and opal diffuser.
- Each extrusion pack includes mounting clips and end caps. (*except EXT9.)

**Product Features**
- 1M and 2M* aluminium extrusions
  *EXT1, EXT2, EXT3, EXT4 and EXT6 available in 2M lengths
- Easily transportable lengths
- High quality anodised aluminium
- Added thermal management of LEDs
- Clear & Opal diffuser options for added choice
- Link them together to create endless installation ideas
- Steel clips for secure installation

Order multiples of 5.
52  LED LIGHTING ACCESSORIES

Surface Mounted Flexible Tape Extrusion - EXT1

What's included:
1 Metre Aluminium Extrusion
1 x Clear Diffuser
1 x Opal Diffuser
4 x End Caps
4 x Mounting Clips

Dimensions 1000 x 17.3 x 7mm

Part Code EXT1

2M* * Available in 2M lengths with Opal diffuser only

Surface Mounted Flexible Tape Extrusion - EXT2

What's included:
1 Metre Aluminium Extrusion
1 x Clear Diffuser
1 x Opal Diffuser
4 x End Caps
4 x Mounting Clips

Dimensions 1000 x 17.3 x 14.5mm

Part Code EXT2

2M* * Available in 2M lengths with Opal diffuser only

Recessed Mounted Flexible Tape Extrusion - EXT3

What's included:
1 Metre Aluminium Extrusion
1 x Clear Diffuser
1 x Opal Diffuser
4 x End Caps
4 x Mounting Clips

Dimensions 1000 x 17.3 x 7mm

Part Code EXT3

2M* * Available in 2M lengths with Opal diffuser only

Corner Mounted Flexible Tape Extrusion - EXT4

What's included:
1 Metre Aluminium Extrusion
1 x Clear Diffuser
1 x Opal Diffuser
4 x End Caps
4 x Mounting Clips

Dimensions 1000 x 19 x 19mm

Part Code EXT4

2M* * Available in 2M lengths with Opal diffuser only

Recessed Mounted Flexible Tape Extrusion - EXT5

What's included:
1 Metre Aluminium Extrusion
1 x Clear Diffuser
1 x Opal Diffuser
4 x End Caps
4 x Mounting Clips

Dimensions 1000 x 17.3 x 14.5mm

Part Code EXT5

2M* * Available in 2M lengths with Opal diffuser only

Corner Mounted Flexible Tape Extrusion - EXT6

What's included:
1 Metre Aluminium Extrusion
1 x Clear Diffuser
1 x Opal Diffuser
4 x End Caps
4 x Mounting Clips

Dimensions 1000 x 16 x 16mm

Part Code EXT6

2M* * Available in 2M lengths with Opal diffuser only

Product Catalogue 2019 LED FLEXIBLE TAPE
www.powerled.uk.com 0118 9408703
Corner Mounted Flexible Tape Extrusion - EXT7

What's included:
1 Metre Aluminium Extrusion
1 x Clear Diffuser
1 x Opal Diffuser
4 x End Caps
4 x Mounting Clips

Dimensions 1000 x 29.7 x 29.7mm

Surface Mounted Flexible Tape Extrusion - EXT8

What's included:
1 Metre Aluminium Extrusion
1 x Clear Diffuser
1 x Opal Diffuser
4 x End Caps
4 x Mounting Clips

Dimensions 1000 x 56.7 x 8.47mm

Surface Mounted Flexible Tape Extrusion - EXT9

What's included:
1 Metre Aluminium Extrusion
1 x Clear Diffuser
1 x Opal Diffuser

* Note: This extrusion does not have end caps or clips.

Dimensions 1000 x 21.3 x 25.9mm

Surface Mounted Flexible Tape Extrusion - EXT10

What's included:
1 Metre Aluminium Extrusion
1 x Clear Diffuser
1 x Opal Diffuser
4 x End Caps
4 x Mounting Clips

Dimensions 1000 x 55 x 75mm

Surface Mounted Flexible Tape Extrusion - EXT11

What's included:
1 Metre Aluminium Extrusion
1 x Clear Diffuser
1 x Opal Diffuser
4 x End Caps
4 x Mounting Clips

Dimensions 1000 x 55 x 32mm

Part Code EXT7
Part Code EXT8
Part Code EXT9
Part Code EXT10
Part Code EXT11
Ideal for use with metal, glass, plastic, MDF and prepared timber. The double sided VHB acrylic foam tape provides strong, effective adhesion when installing your LED flexible tape. With a long term heat resistance up to 100°C, it also has excellent UV light resistance.

Clear plastic fixing clips are ideal for fitting 10mm LED tape.

### Product Features

**VHB5M**

- VHBM designed for use with metal, glass, plastic, MDF and prepared timber
- Excellent UV light resistance
- Long term heat resistance up to 100°C
- Double sided tape designed with strong acrylic foam

**CL1P**

- CL1P clear plastic fixing clips are designed to install LED tape
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 Batts 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 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 soy 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.

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