Plug & Play LED lighting system

Introducing a unique plug and play bespoke LED lighting system
specifically designed for retail display applications.

This system offers an extremely high level of flexibility together with high quality
components and construction to make installation simple.
Plug & Play enables quick and easy installation reducing manufacturing costs significantly.

All lighting products are fully interchangeable using a user friendly connection system.
With an extensive range of interconnect cables, splitters and distribution box's it allows
users to easily build their own lighting solution to fit the end product without fuss.

For more information contact Creative Retail Lighting on
TEL: 03455 444882
Email: sales@creativeretaillighting.co.uk

Plug and Play Cable System

- Simple and easy to use push- fit connection system
- Male & Female Connectors to ensure correct fitting
- Supplied pre-fitted to lighting products as required
- Able to handle up to 7 amps per connector
- All cable conforms to low smoke & fume regulations below.
- IEC 60332-1-2 Flame Resistance
- IEC 60332-3-24 Fire Resistance
- Re enforced cable soldering giving a more robust connection
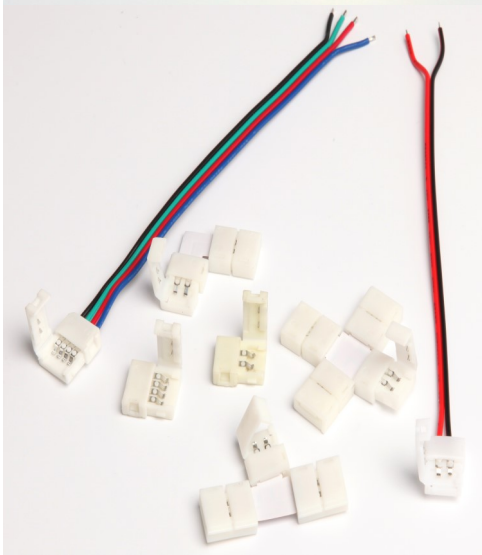
Flexible LED Strip

- Available in lengths from 50mm to 5 meters,
- Cuts possible in 50mm length graduations—don't pay for more than you need.
- Available in 3 colour temperatures
  - Warm light (3000k)
  - Day light (4000k)
  - Cool light (6000k)
- 4 strip types available
  - 3528 60 LED per meter
  - 3528 120 LED per meter
  - 2835 60 LED per meter
  - 2835 90 LED per meter
- 40000 Hr LED Life, equivalent to over 10 years at 8 hours per day
- Strip supplied with self adhesive backing tape ready for direct installation where required.
- Supplied with 1 year guarantee

150mm
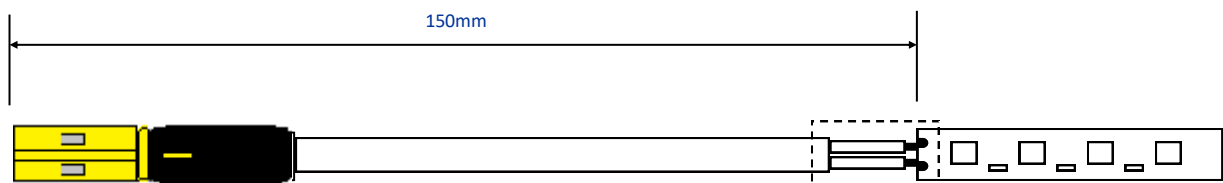
Drivers

- Double Insulated drivers for installations where open frame may not be an option due to regulations
- Various wattages available from 12w to 200w
- 12V DC Output, 2 channel output on higher wattage models
- Pre-fitted with distribution box or single output cable ready for direct plug and play connection to lighting products.
- 240v input
- Pre-fitted with UK mains cable—various length options available
- US or Schuko plugs are also available on request

Single Output Cable

- Supplied pre-connected to driver module and ready to connect directly to LED lighting products.
- Terminated with female connector
- Supplied 150mm long
- Maximum of 7 amps per cable

30.0mm   150mm
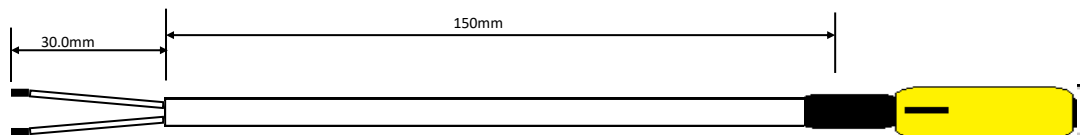
Distribution Box

- Supplied pre-connected to driver module and ready to connect directly to lighting products
- Enables the connection of multiple LED lighting products to single driver.
- Can be secured using screw holes moulded into the box
- 6 Output Distribution Box
- Maximum of 10 amps per distribution box

30.0mm   900mm
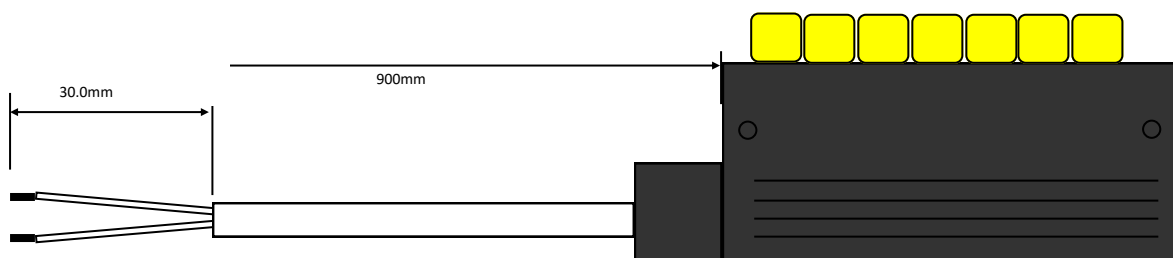
"Y" Splitter
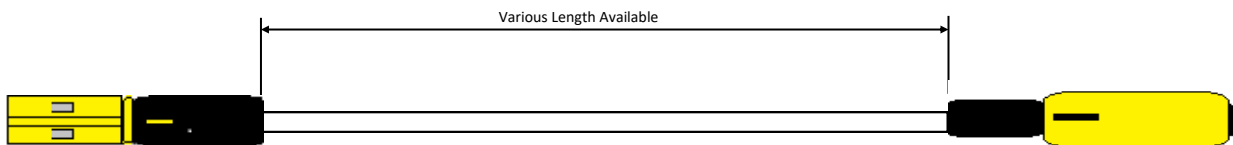
- Enables connection of two lighting products to single source
- Rated at 7 amps
- Can be used in a variety of instances.
- Small and easy to use

45mm
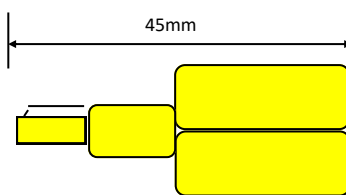
Extension Cables

- Allows lighting products to be placed further away from power source.
- Lots of length options available from 150mm to 5m
- All cable conform to low smoke & fume regulations
- Terminated with 1 male connector and 1 female connector
- Long lengths supplied wrapped to avoid tangling and aid easy installation.

Various Length Available

3 / 5 Output Spider

- Enables multiple lighting products to be powered from a single cable.
- Terminated with 1 male connector and 1 female connector
- 3 way spider is 1M long with 3 outputs
- 5 way spider is 2M long with 5 outputs
- Each connection is rated at 7 amps

380mm   380mm
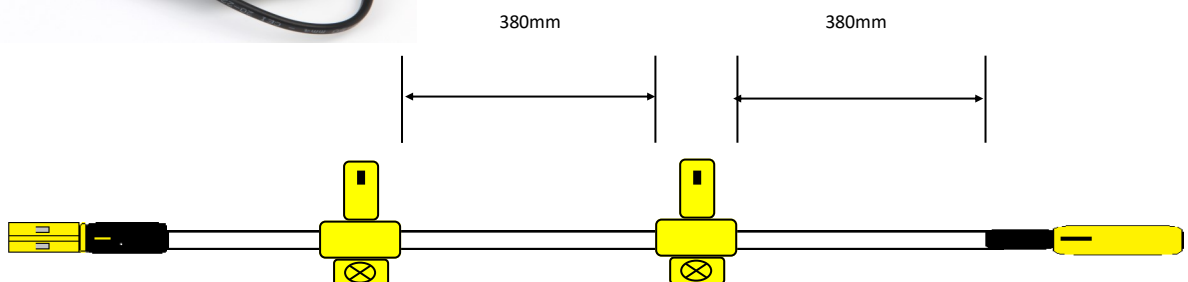
LED Strip Joint Cable

- ♦ Enables two LED strip products to be permanently connected together.
- ♦ Supplied pre-fitted to multiple LED strip lengths of your choice
- ♦ Available in several length options, 150mm, 300mm and 500mm
- ♦ All soldered joints are reinforced to prevent loose connections

Various Length Available
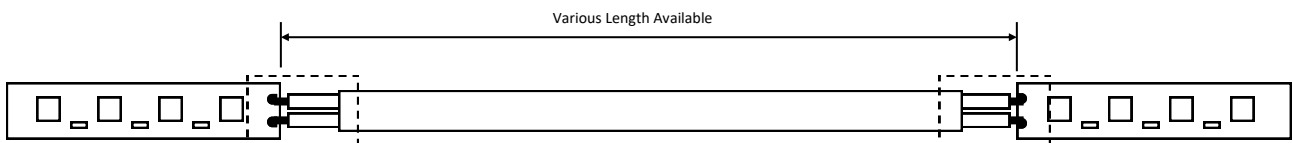
LED Strip Joint Cable with Break Connector

- ♦ Enables two LED strip products to be connected together
- ♦ Fitted with Microfit connector system to enable strips to be disconnected as required.
- ♦ Supplied pre-fitted to multiple LED strip lengths of your choice
- ♦ Available in several length options, 150mm, 300mm and 500mm

Various Length Available
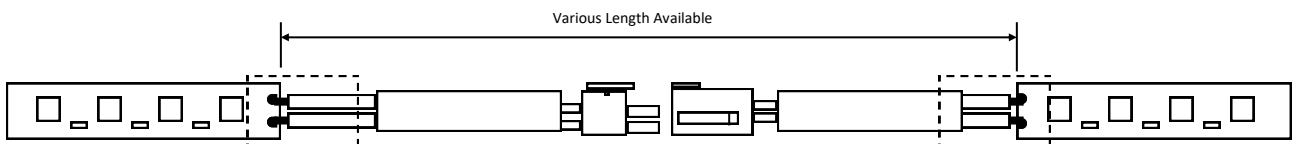
LED 8mm Snap Connector & Plug
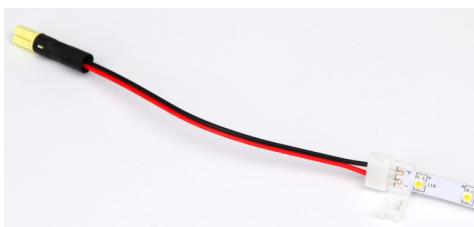
- ♦ Can be used to connect 8mm LED ribbon without the use of soldering
- ♦ Terminated with a male plug in order to fit the plug & play system
- ♦ Available with 120mm or 500mm tail
- ♦ Able to handle up to 5 amps per connector

120mm / 500mm

Installation Examples

300mm x 600mm light panel 6000k

Plug and play connection cable

Plug and play connection cable
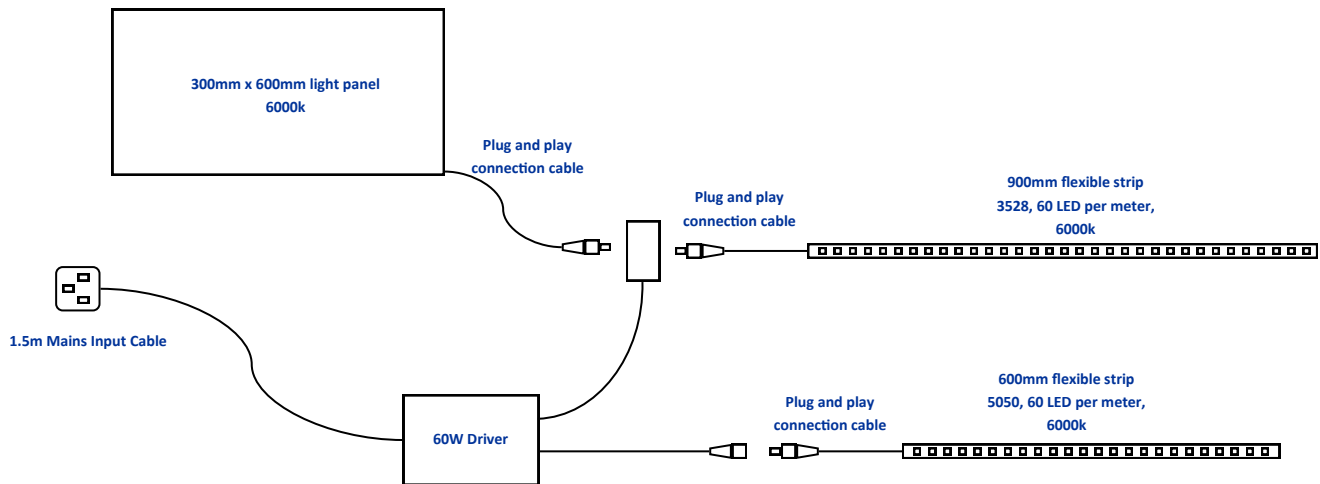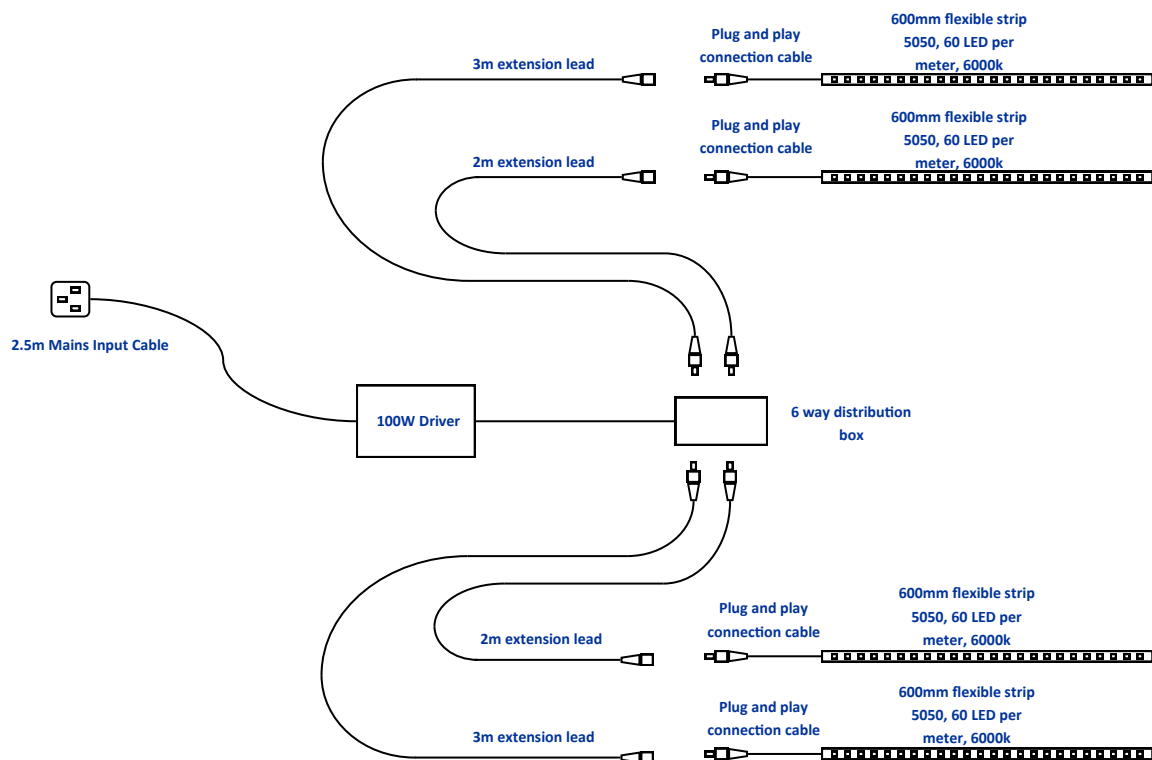
900mm flexible strip 3528, 60 LED per meter, 6000k

1.5m Mains Input Cable

60W Driver

Plug and play connection cable

600mm flexible strip 5050, 60 LED per meter, 6000k
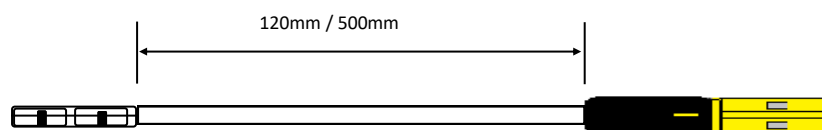
For the above installation you would need to order:
- 3 x Plug and play connection cable
- 1 x 60 watt driver with 1.5m input cable, fitted with 6 way distribution box and single output cable.
- 1 x 900mm x 300mm light panel, 6000k.
- 1 x 900mm long flexible strip, 3528, 60 led per meter, 6000k.
- 1 x 600mm long flexible strip, 5050, 60 led per meter, 6000k.

3m extension lead

Plug and play connection cable

600mm flexible strip 5050, 60 LED per meter, 6000k

2m extension lead

Plug and play connection cable

600mm flexible strip 5050, 60 LED per meter, 6000k

2.5m Mains Input Cable

100W Driver

6 way distribution box

2m extension lead

Plug and play connection cable

600mm flexible strip 5050, 60 LED per meter, 6000k

3m extension lead

Plug and play connection cable

600mm flexible strip 5050, 60 LED per meter, 6000k

For the above installation you would need to order:
- 4 x Plug and play connection cable
- 1 x 100 watt driver with 2.5m input cable, fitted with 6 way distribution box.
- 4 x 600mm long flexible strip, 5050, 60 led per meter, 6000k.
- 2 x 2m long extension cable.
- 2 x 3m long extension cable.