IMPORTANT INSTALLATION INFORMATION

• Installation should be carried out in accordance with the latest edition of the IEE Wiring Regulations (BS7671) and taking into consideration the latest Building Regulations. If in doubt, consult a qualified electrician.

• Before commencing any installation or maintenance work, ensure electricity is switched off at the mains.

• Please take note of the maximum rated voltage for your LED Strip Light.

• Please take note of the IP (Ingress Protection) rating of LED RGB Strip Light when deciding location.

GENERAL INSTALLATION - SAFETY

• Please make sure you are safe when working at height.

• Employ the latest safety regulations and procedures to ensure the safe installation of the LED RGB Strip Light.

INSTALLATION INSTRUCTIONS

• To achieve the best results from your LED RGB Strip Light we suggest you take into account the following points before you fit the unit.

1. Ensure the mounting surface is clean and free of dust, grease or flaking material.

2. Peel back the protective film away from the strip exposing the glue and apply to the mounting surface in the required location.

3. When the desired length has been mounted, cut the length at the designated cutting line; marked with a ✂.

4. Connect the LED Strip cable to the Controller as follows:

   - WHITE (Positive +) to +
   - GREEN to G
   - RED to R
   - BLUE to B

   Then connect the Controller to the Driver as follows:

   - RED / BROWN (Positive +) + to +
   - BLACK / BLUE (Negative –) – to –

5. Connect the supply cable to the Driver via a suitable terminal block and make the electrical connections as follows:

   - LIVE - (Red or Brown)
   - NEUTRAL - (Black or Blue)
   - EARTH - (Green/Yellow) marked E

6. Ensure that the LED RGB strip load does not exceed that of the driver, the driver supplied can power a maximum continuous run of LED RGB strip lights of 5 Metres.

7. Switch on the power supply for testing and adjustment.

8. Over the tailing end of the LED strip light fit an End Cap (apply a small amount of glue to the inside of the end cap and then slide over the tailing end area).

Dimensions and Schematic Diagram

5 metres

All dimensions in millimetres unless stated

GUARANTEE

This product is guaranteed in the EU for a period of 1 year from the date of purchase. The guarantee is invalid in the case of improper use, installation, tampering, removal of the QC date label, installation in an improper working environment or installation not according to the current edition of the IEE Wiring Regulations (BS 7671). Should this product fail during the guarantee period it will be replaced free of charge, subject to correct installation and return of the faulty unit. Déluce Lighting does not accept responsibility for any installation costs associated with the replacement of this product. Your statutory rights are not affected. Déluce Lighting reserves the right to alter specifications without prior notice.

PLEASE READ THESE INSTRUCTIONS CAREFULLY BEFORE INSTALLATION
LEAVE A COPY FOR THE USER/MAINTENANCE ENGINEER FOR FUTURE REFERENCE
We recommend this fitting is installed by a qualified Electrician.
Installation instructions for MULTIPLE kits

Then follow the steps 1 - 7 for connection.

To install multiple units requires an RGB signal amplifier, part code: LEDSTRIPRGBAMP, for each RGB LED strip kit installed. Each Driver needs it’s own mains supply also - see diagram belown. A maximum of up to 20 RGB kits can be used in one installation.

Remote control functions ( each buttons function )

<table>
<thead>
<tr>
<th>Brightness Up +</th>
<th>Brightness Down -</th>
<th>OFF</th>
<th>ON</th>
</tr>
</thead>
<tbody>
<tr>
<td>Static Red</td>
<td>Static Green</td>
<td>Static Blue</td>
<td>Static White</td>
</tr>
<tr>
<td>Static Orange</td>
<td>Static Light Green</td>
<td>Static Dark Blue</td>
<td>Static Milk White</td>
</tr>
<tr>
<td>Static Dark Yellow</td>
<td>Static Cyan</td>
<td>Static Lyons Blue</td>
<td>Static White Pink</td>
</tr>
<tr>
<td>Static Yellow</td>
<td>Static Light Blue</td>
<td>Static Purple</td>
<td>Static Green White</td>
</tr>
<tr>
<td>Static Light Yellow</td>
<td>Static Sky Blue</td>
<td>Static Brown</td>
<td>Static Blue White</td>
</tr>
</tbody>
</table>

W Brightness Up + | W Brightness Down - | White Light OFF | White Light ON |
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>25% W brightness</td>
<td>50% W brightness</td>
<td>75% W brightness</td>
<td>100% W brightness</td>
</tr>
<tr>
<td>Jump 3</td>
<td>Fade 3</td>
<td>Jump 7</td>
<td>Quick</td>
</tr>
<tr>
<td>Fade 7</td>
<td>Flash</td>
<td>Auto</td>
<td>Slow</td>
</tr>
</tbody>
</table>

The controller is divided into two areas ( RGB and W [ white ] mode ), which can be turned on and off independently, and can control the brightness and the colour independently. When the RGB mode is turned on, it can change the RGB colour and brightness, the White mode can be turned on and off at the same time, the white mode can be partly turned on or off and the brightness of the white mode and be adjusted. The 3 or 7 Jump function button adjusts the speed of the colour fading. The 3 or 7 Jump function button adjusts the speed of the brightness change. The speed of the function buttons can be adjusted via the Quick or Slow buttons.

All images and drawings are for illustration purposes only!

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Cutting the LED Strip Light

The LED RGB Strip can be cut at 100mm intervals and can be relinked using either a connect clip, a double ended connector cable c/w 150mm of cable, single ended connector clip c/w 150mm of cable or by soldering a cable between the LED Strip Light’s copper connectors (all connectors supplied with kit).

Cut the LED strip at the designated cutting line, marked with a ✂️. It is recommended that a suitable craft knife is used to cut the LED Strip Light.

Once cut; use the craft knife to remove the outer plastic sleeve, as close to the nearest LED light, near the cut as possible to expose the copper connectors (marked + & –).

Slide a piece of heat shrink over the end of the LED strip - open a flap on a connector clip / connector cable - slide the now cleaned end piece into one side of a connector clip / connector cable and then using a soldering iron, YOU MUST solder the connector clip’s terminals to the LED strips copper connectors in turn.

Or solder a piece of cable between the LED Strip Light’s copper connectors as follows:

WHITE to WHITE   GREEN to GREEN   POLARITIES MUST BE MAINTAINED
RED to RED       BLUE to BLUE

Using the supplied glue, glue down the flap(s) of the connector clip; then slide the heat shrink sleeve over the now finished connection (using a Hair Dryer) heat the heat shrink until it contracts sufficiently.

Over the tailing end of the LED strip light fit an End Cap (apply a small amount of glue to the inside of the end cap and then slide over the tailing end area).

Then follow the steps 1 - 7 for installation.

LED Strip Accessories

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>LEDSTRIPDRI40*</td>
<td>LED driver - Output 40W</td>
</tr>
<tr>
<td>LEDSTRIPRGBAMP</td>
<td>Signal amplifier - Max load - additional 5m RGB</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Ref no.</th>
<th>Qty</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>LEDSTRIPACC004</td>
<td>5</td>
<td>10mm RGB colour strip connector c/w 150mm of wire</td>
</tr>
<tr>
<td>LEDSTRIPACC005</td>
<td>5</td>
<td>10mm RGB colour strip connector</td>
</tr>
<tr>
<td>LEDSTRIPACC006</td>
<td>5</td>
<td>10mm RGB colour strip link c/w 150mm of wire - connector at each end</td>
</tr>
</tbody>
</table>

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