



## Flexi-Strip RGB30

### Category

A2) LED - Constant Voltage

### Description

Bright Flexible Waterproof Strip of RGB LEDs on a 33mm Pitch with Cutting Intervals of 100mm



### Mechanical

- Housing: Clear Silicone Flexible Tube
- Material: Silicone Tube - UL94-V2 rated
- Overall Dimensions: 12.5mm (W) x 5mm (D) x Length
- Mass: 0.1Kg (per metre)
- Mounting:
  - Self-Adhesive Tape
  - Mounting Clips (included)
- Country of Manufacture: Republic of China

### Electrical

- Input Voltage: 12V
- Input Connector: Bare Ends (1M cable length)
- Input Current: 0.6A (per metre)
- Input Power (max): 7.2W (per metre)
- Duty Cycle: 80% @ 25°C
- Protection: Must be provided within the PSU or driver

### Environmental

- Operating Temperature: -10°C to 40°C
- Storage Temperature: -20°C to +60°C
- Operating Relative Humidity (max): 80% Non-Condensing
- IP Rating: IP67 (based on factory certification)
- Certification: CE FCC, WEEE, RoHS
- Warranty: 1 Year (Return to Base)
- UV Stable (but will discolour if in direct sunlight)

### User Interface / Indication

- Connections:
  - Black = +12V Connection
  - Red = Red connection to ground
  - Green = Green connection to ground
  - Blue = Blue connection to ground

### Control

- Control: Constant Voltage LEDs
- Input Protocols:
  - Constant voltage
  - PWM Control
- Input Connector: Bare Ends (1M Tail)

### Optical Characteristics

- Light Output (per metre): 39lm (R), 81lm (G), 18lm (B)
- Light Output (per metre): 135lm (White)

### Package Contents

- Flexi-Strip RGB30
- 3 or 12 x Mounting Clips (1M or 5M)
- 6 or 24 x Screws (1M or 5M)
- User-Guide

### Ordering Info

Product Code:

Flexi-Strip RGB30 1M

Flexi-Strip RGB30 5M

Accessories (not included):

Additional Mounting Clips

End Caps (for custom lengths)

Cable Pack (small & large)

Rail-Pipe

PSU-12-60-FER

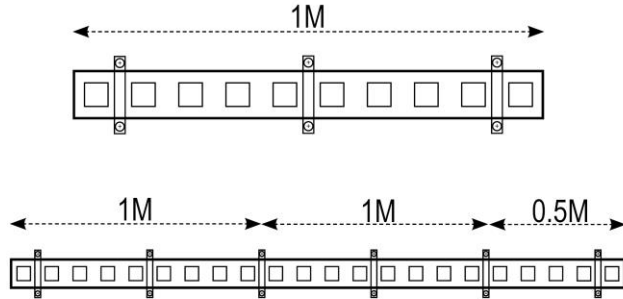
PSU-12-60-DR

PSU-12-120-DR



Mounting Drawing

### Recommended Mounting Clip Arrangement

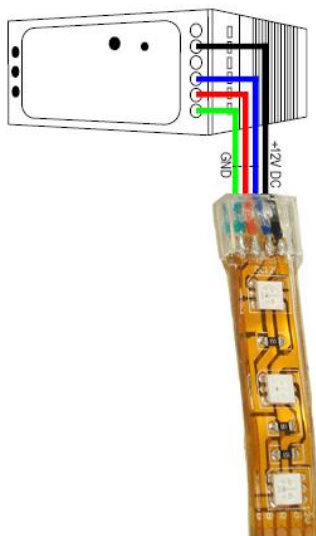


Cut Point: Every 100mm (3 LEDs)

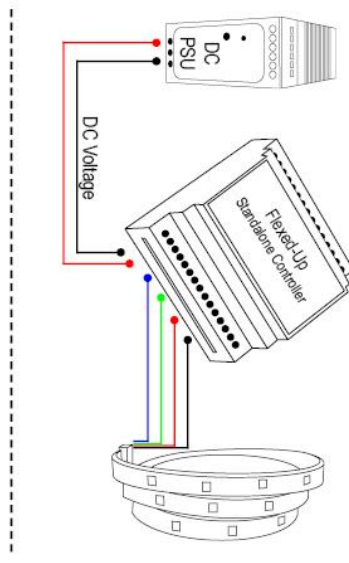
<p><b>Red</b></p> <p>Lamp=32.18 lm Max=304.2 cd/klm Power=7 W Multiplier=0.03919 Degree=0</p> <p>Rect 15x695 mm</p>	<p><b>Green</b></p> <p>Lamp=81.88 lm Max=207 cd/klm Power=7 W Multiplier=0.08189 Degree=0</p> <p>Rect 15x695 mm</p>
<p><b>Blue</b></p> <p>Lamp=19.81 lm Max=255.6 cd/klm Power=7 W Multiplier=0.01881 Degree=0</p> <p>Rect 15x695 mm</p>	<p><b>White</b></p> <p>Lamp=135.38 lm Max=234.3 cd/klm Power=12 W Multiplier=0.13538 Degree=0</p> <p>Rect 15x695 mm</p>

Wiring Drawing

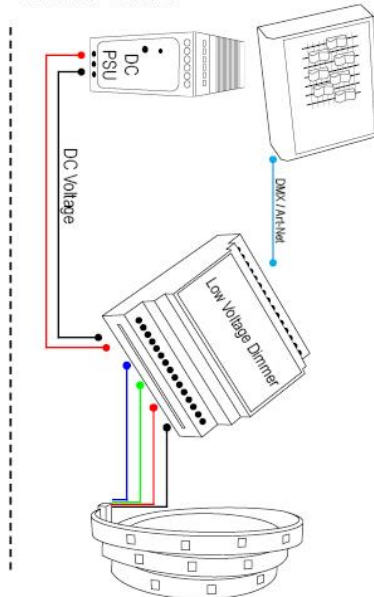
### Static Control



### Standalone Control



### External Control



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[www.ArtisticLicence.com/support.html](http://www.ArtisticLicence.com/support.html)

All products are covered from date of purchase by a two-year return to base warranty.

Due to our policy of continuing product improvement, specifications are subject to change without notice.

## Artistic Licence

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