

LED Lighting

Multi-colour Flexible LED Sheet PLS480x240-162RGB



Features

- Ultra-thin flexible RGB LED sheet
- 3M adhesive tape for bonding to flat or curved surfaces
- High performance 3-in-1 RGB LEDs
- 18x9 LED matrix
- Cuttable into 80mm x 53mm segments
- Constant Voltage 24vdc
- 120° beam angle
- Dimmable
- Power input via onboard connectors or solder pads
- L70 30,000 hours
- IP20

Description

Designed for multi-colour surface area backlighting and also termed light paper the PLS480 series flexible LED sheet comprises of an array of 162 RGB LED emitters to provide a bright and even surface illumination. Applications include dynamic lighting and lightbox projects.

Part No.	Voltage (V)	Power (W)	Luminous Flux (lm)	Efficacy (lm/W)
PLS480x240-162RGB-24V	24VDC	Red: 12W Green: 12W Blue: 12W	Red: 240 Green: 660 Blue: 144	Red: 20 Green: 55 Blue: 12

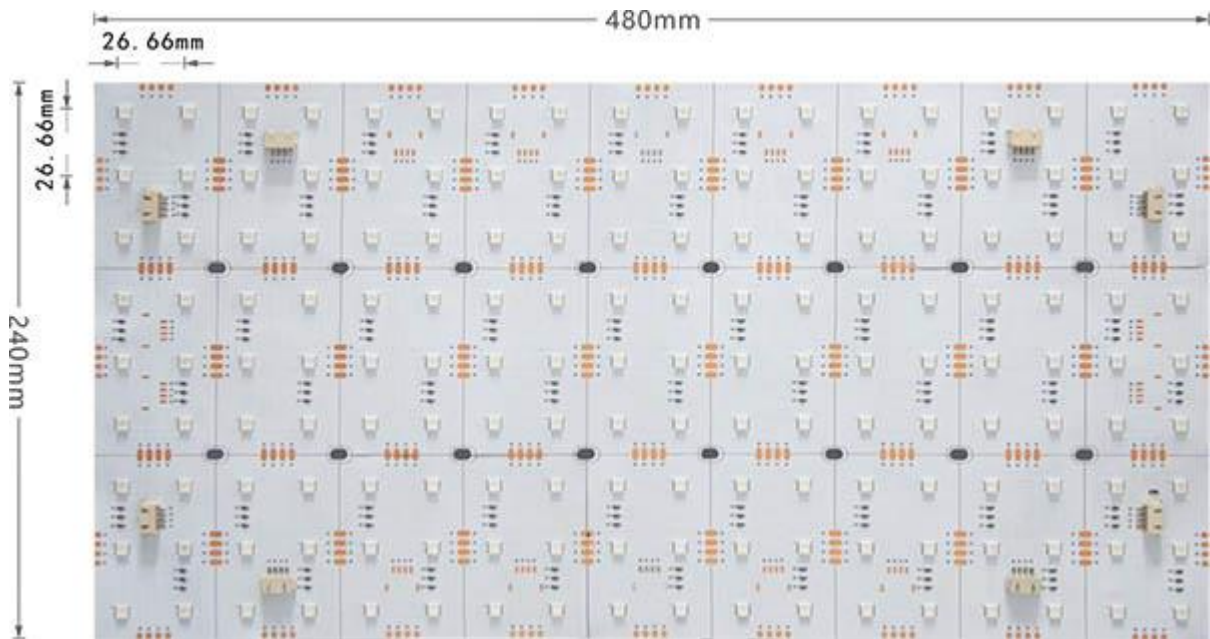
Notes:

IP Rating: IP20 Non waterproof
Mechanical: Minimum bend radius 40mm
LED pitch 26.66mm
Connection: JST XHP-4
Weight: 230g

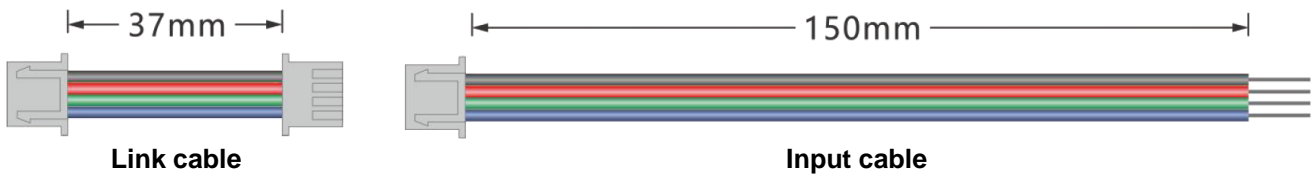
Applications include:

- Backlighting
- Light Box illumination
- Retail illumination
- Signage
- Video illumination

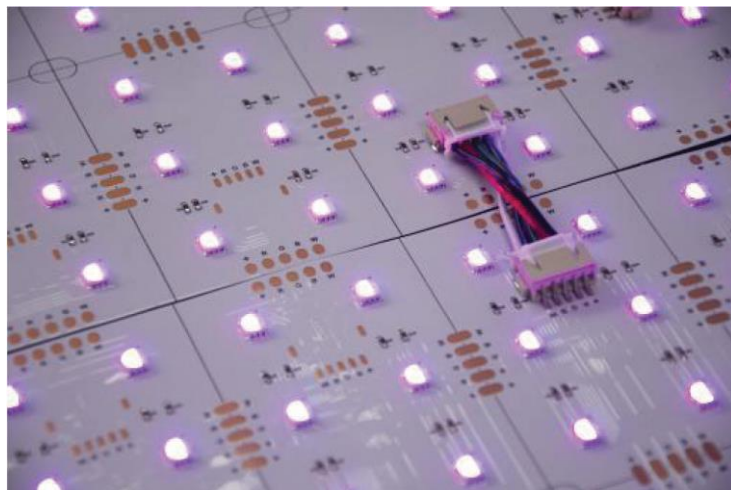
Dimensions



Connection



Flexible Sheets may be connected together to increase the backlighting area



Notes

1. Observe operating voltage and connection polarity
2. Install power supplies and controllers in a ventilated, dry environment.
3. Select power supplies with 20% power headroom over the system total wattage.

We offer a range of 3-channel Full Colour RGB LED controllers including RF and DMX protocol
Please refer to our web site at www.plusopto.co.uk

Specifications may be subject to change without notice