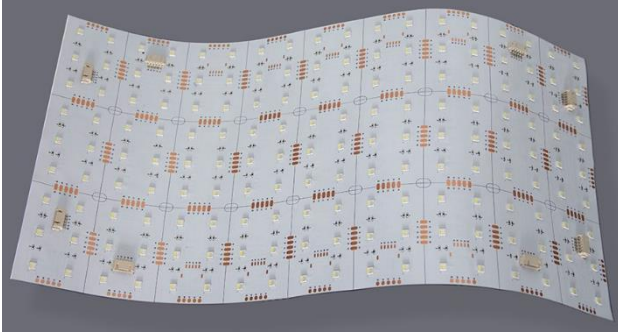


LED Lighting

Multi-colour Flexible LED Sheet PLS480x240-162RGBW



Features

- Ultra-thin flexible RGBW LED sheet
- 3M adhesive tape for bonding onto flat or curved surfaces
- High performance 4-in-1 RGBW 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

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 RGBW LED emitters to provide a bright and even surface illumination. Applications include dynamic lighting and lightbox projects.

Part No.	Voltage (V)	Power (W)	CCT	Luminous Flux (lm)	Efficacy (lm/W)
PLS480x240-162RGBW30-24V	24VDC	Red: 12W Green: 12W Blue: 12W White: 12W	3000K	Red: 240 Green: 660 Blue: 144 White: 1080	Red: 20 Green: 55 Blue: 12 White: 90
PLS480x240-162RGBW40-24V	24VDC	Red: 12W Green: 12W Blue: 12W White: 12W	4000K	Red: 240 Green: 660 Blue: 144 White: 1080	Red: 20 Green: 55 Blue: 12 White: 90
PLS480x240-162RGBW65-24V	24VDC	Red: 12W Green: 12W Blue: 12W White: 12W	6500K	Red: 240 Green: 660 Blue: 144 White: 1080	Red: 20 Green: 55 Blue: 12 White: 90

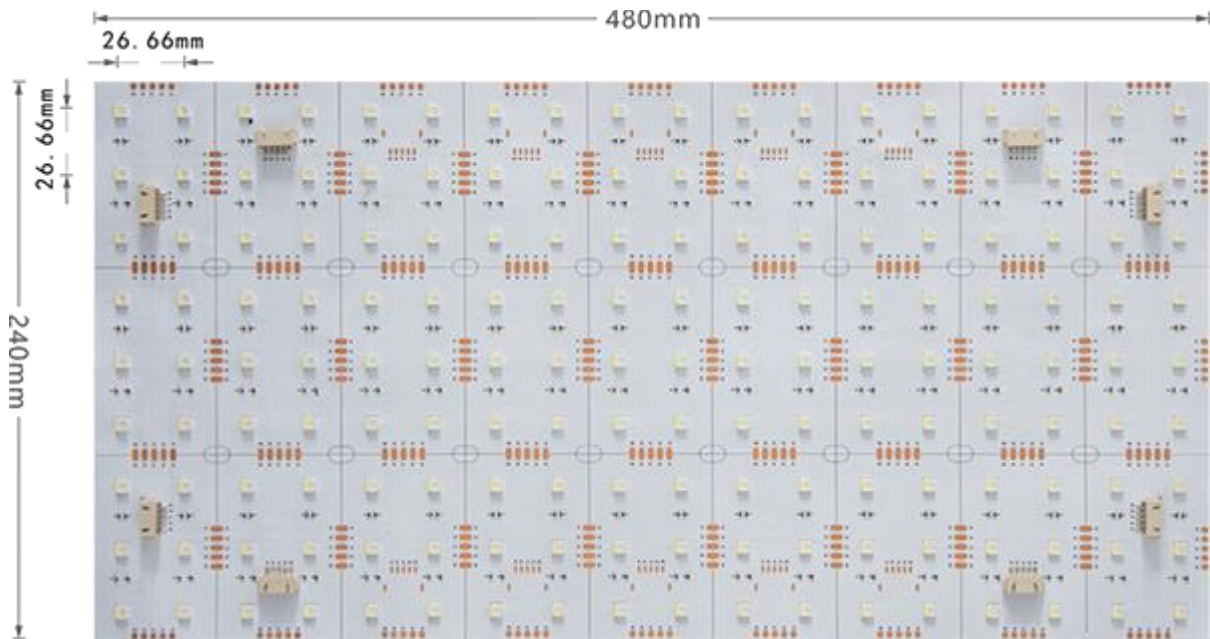
Notes:

IP Rating: IP20 Non waterproof
Mechanical: Minimum bend radius 40mm
LED pitch 26.66mm
Connection: JST XHP-5
Weight: 230g

Applications include:

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

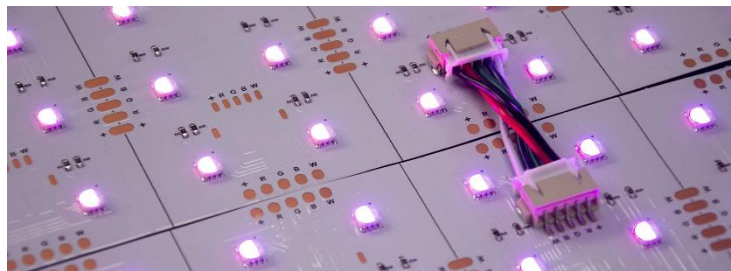
Dimensions



Connection



Flexible Sheets may be connected together to increase the backlighting area



Notes

1. Observe operating voltage and connection polarity
2. Maximum current rating of connectors is 4A (60W). In larger installations multiple connection terminals should be used
3. Install power supplies and controllers in a ventilated, dry environment.
4. Select power supplies with 20% power headroom over the system total wattage.

We offer a range of 4-channel Full Colour RGBW LED controllers including RF and DMX protocol
Please refer to our web site at www.plusopto.co.uk