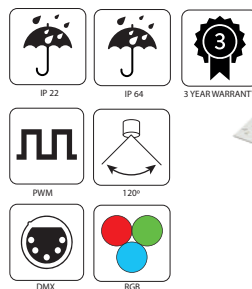


FXP | FLEXIBLE PANEL SERIES – RGB (PWM)

The FXP RGB (PWM) Flexible Panel is a high-density lighting solution designed for slim-profile applications such as signage, backlighting, and architectural features.

Built with 4040 RGB LEDs, it offers smooth colour blending, a long lifespan, and excellent lumen output. Two-panel sizes are available, providing flexibility for a range of layouts.

With supports for PWM, DALI, DMX, and 0-10V dimming, and backed by strong 3M adhesive, the FXP RGB panel ensures secure installation and dynamic lighting control. Rated IP64 and IP22.



PART NUMBER CONFIGURATOR

Prefix	LED Qty	Length	LED Colour	Control	Beam Angle	Power	Voltage	Mounting
FXP	162 288	480 – 480mm 609 – 609.6mm	RGB	DA – DALI D – DMX P – PWM O – 0-10V	120 – 120°	29.16 – 29.16W 51.84 – 51.84W	24 – 24V DC	SM – Screw-mounted AB – Adhesive-Backed F – Framed

Example: FXP – 162 – 480 – RGB – D – 120 – 29.16 – 24 – SM

SPECIFICATIONS

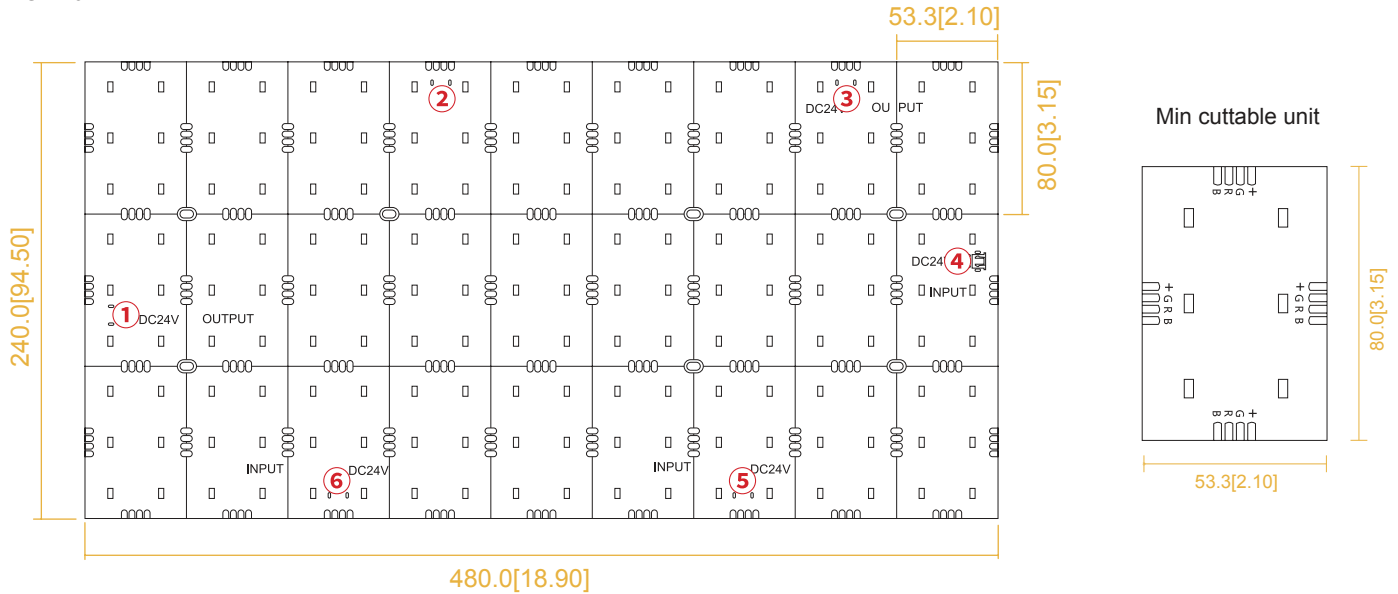
Electrical	Power Consumption Operating Voltage Operating Temperature Storage Temperature	29.16W (RGB-162) / 51.84 (RGB-288) 24V DC -25°C TO 60°C – (-13°F TO 140°F) -20°C TO 70°C – (-4°F TO 158°F)
Physical	Dimensions Unit Dimensions Housing / Lens Weight IP Rating CRI Cuttable Units Finish Mounting Options Source Life Connection Cable Length Maximum Run Length Humidity Resistance UV Resistance	480mm (L) x 240mm (H) / 609.6mm (L) x 304.8mm (H) 53.3mm (L) x 80mm (H) / 50.8mm (L) x 76.2mm (H) IP64 / IP22 80+ TO 95+ 80mm (162LEDs) / 76.2mm (288LEDs) Flexible PCB with protective coating Screw-mounted, adhesive-backed, or framed 4-pin signal input and output Customisable upon request 10% - 90% RH, non-condensing YES
Optical	Beam Angle Colour Range LED Type Pitch Pixel	120° RGB 4040 RGB 962lm – 272lm (162LEDs) / 1710lm – 483lm (288LEDs)
Diming & Control	Dimming Protocols Signal Transmission	PWM, 0-10V, DALI, DMX 4-pin signal input and output
Fixture Rating & Certifications	CE	
Limited Warranty	3 Years	Extendable Warranty Available

FXP | FLEXIBLE PANEL SERIES – RGB (PWM)

DIMENSIONS & CHARACTERISTICS

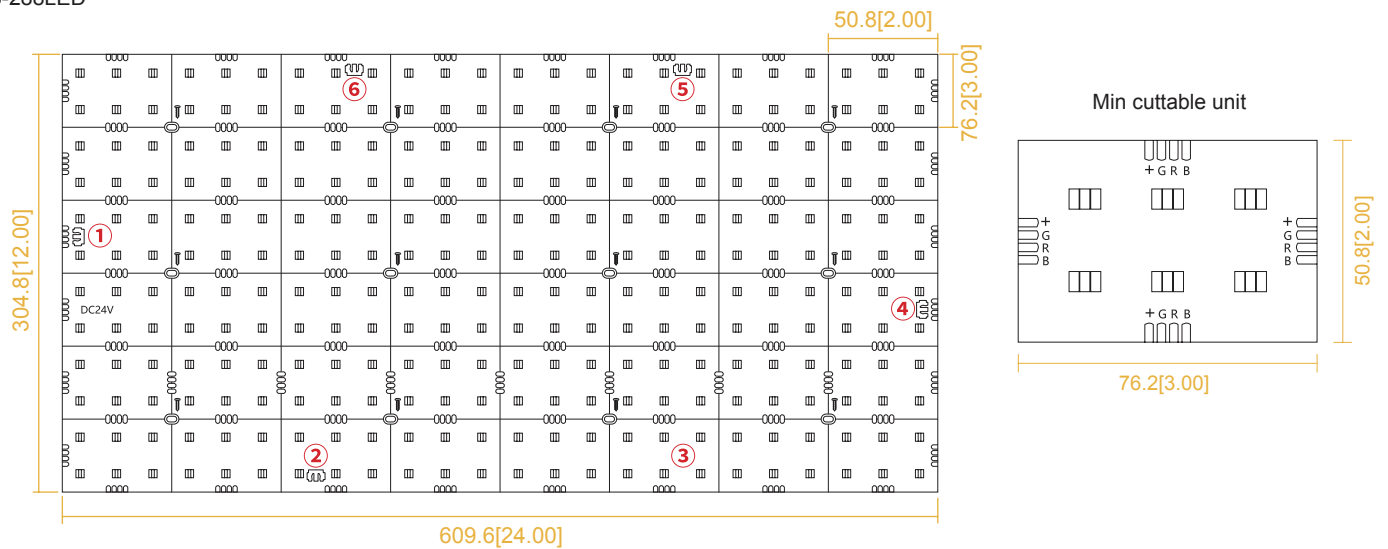
DIMENSIONS – [240x480]

RGB-162LED



DIMENSIONS – [305x610]

RGB-288LED



Note:

Dimension tolerance: length $\pm 6\text{mm}$ [0.24inch]; width $\pm 0.2\text{mm}$ [0.008inch]; thickness $\pm 0.2\text{mm}$ [0.008inch]

For more info, please contact sales rep.

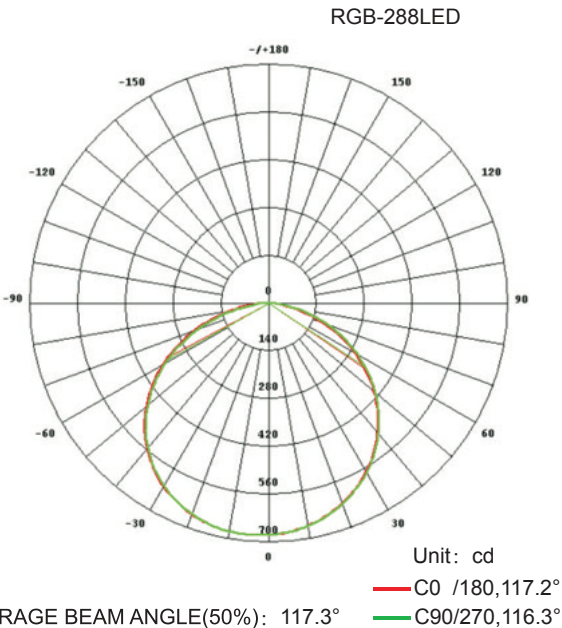
Port location	Port name	Port type	Effect	Note
①②③	Signal input	4pin	signal input for external controller	INPUT
④⑤⑥	Signal output	4pin	output connection between light panel	OUTPUT

FXP | FLEXIBLE PANEL SERIES – RGB (PWM)

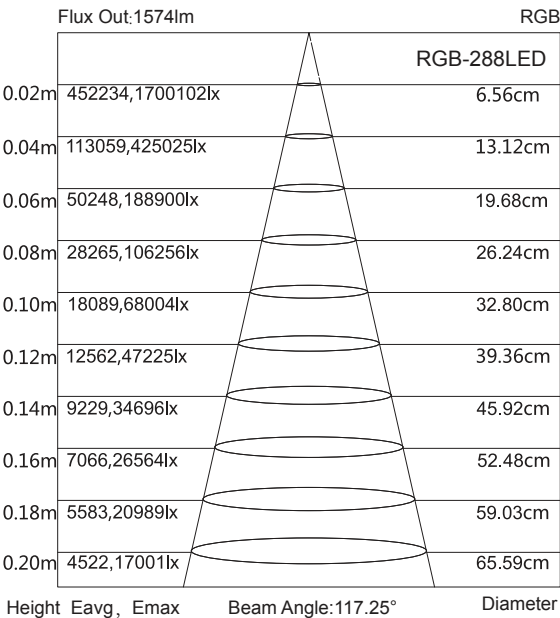
DIMENSIONS & CHARACTERISTICS

CHARACTERISTICS

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



AVERAGE BEAM ANGLE



Note:

The above two figures are tested with the sample RGB-288, RGB three lights on and under control, for other data please consult the sales rep.

FXP | FLEXIBLE PANEL SERIES – RGB (PWM)

WIRING CONSIDERATIONS

TYPICAL SYSTEM WIRING DIAGRAM

