

FXP | FLEXIBLE PANEL SERIES – WHITE (PWM)

The FXP White (PWM) Flexible Panel is a high-quality LED solution designed for clean, uniform white light in signage, backlighting, and architectural applications.

With smooth dimming via PWM control, it delivers consistent brightness and energy-efficient performance across a range of lighting scenarios.

Its flexible, low-profile design allows easy installation on both flat and curved surfaces. Rated IP64 and IP22, it's suited for versatile indoor and protected-area applications.



PART NUMBER CONFIGURATOR

Prefix	Length	LED Colour	Control	Voltage	Beam Angle	Led Qty	Mounting
FXP	480 – 480mm 609 – 609.6mm	W – White	DALI DMX PWM 0-10V	24 – 24V DC	120 – 120°	200 288	SM – Screw-mounted AB – Adhesive-Backed F – Framed

EXAMPLE: FXP – RGBW – DALI – 24 – 120 – 162 – 24 – SM

SPECIFICATIONS

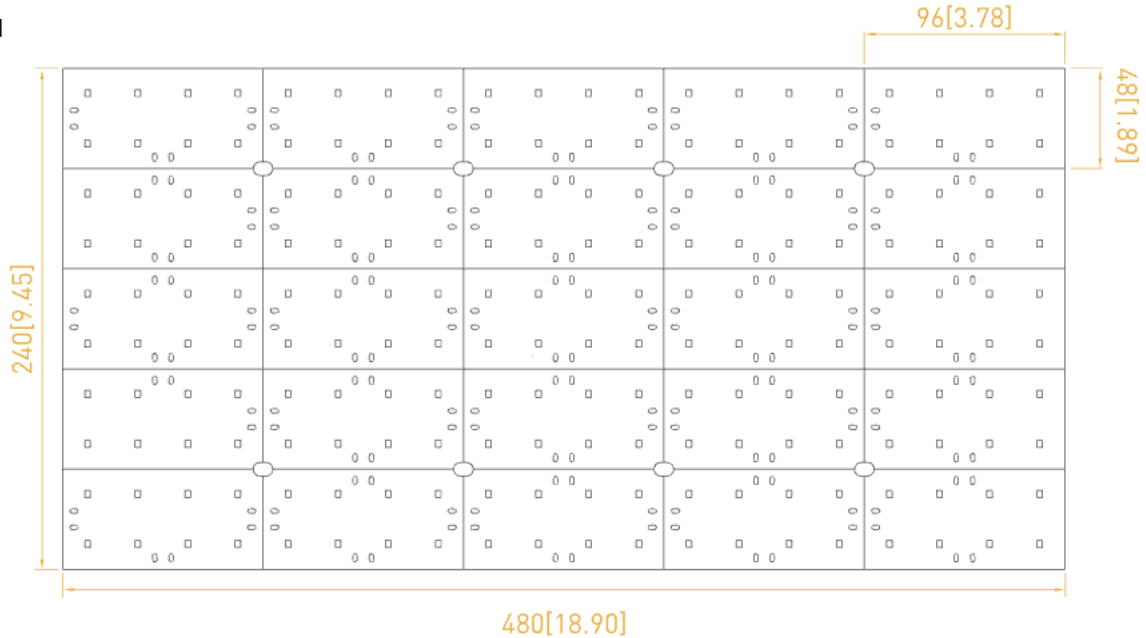
Electrical	Power Consumption Operating Voltage Operating Temperature Storage Temperature	18W (480mm) / 25.92W (610mm) 24V DC -20°C TO 60°C (-4°F TO 140°F) -20°C TO 70°C (-4°F TO 158°F)
Physical	Dimensions Unit Dimensions Housing / Lens Weight IP Rating CRI Cutttable Units Finish Mounting Options Source Life Connection Cable Length Maximum Run Length Humidity Resistance UV Resistance	480mm (L) x 240mm (H) / 609.6mm (L) x 304.8mm (H) 96mm (L) x 48mm (H) / 101.9mm (L) x 50.8mm (H) IP64 / IP22 80+ TO 95+ Every LED section for tailored installations Flexible PCB with protective coating Screw-mounted, adhesive-backed, or framed 2-pin signal input and output Customisable upon request 10% – 90% RH, non-condensing YES
Optical	Beam Angle Colour Range LED Type Luminous Flux	120° White 5050 - 2835 2016lm @White-200 / 2903lm @White-288
Control	Control Protocols Signal Transmission	PWM, 0-10V, DALI, DMX 2-pin signal input and output
Fixture Rating & Certifications	CE, RoHs, UL	
Limited Warranty	3 Year Limited Warranty	Extendable warranty available

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DIMENSIONS & CHARACTERISTICS

DIMENSIONS – (240x480)

Unit: mm[inch]

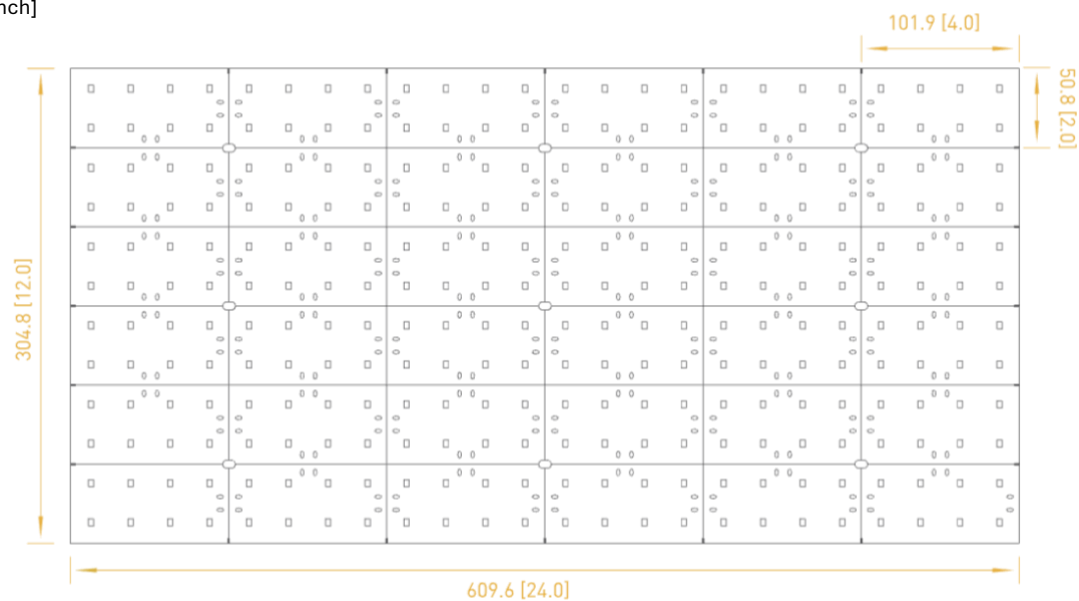


Note:

Dimensions 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 consult the sales rep.

DIMENSIONS – (305x610)

Unit: mm[inch]



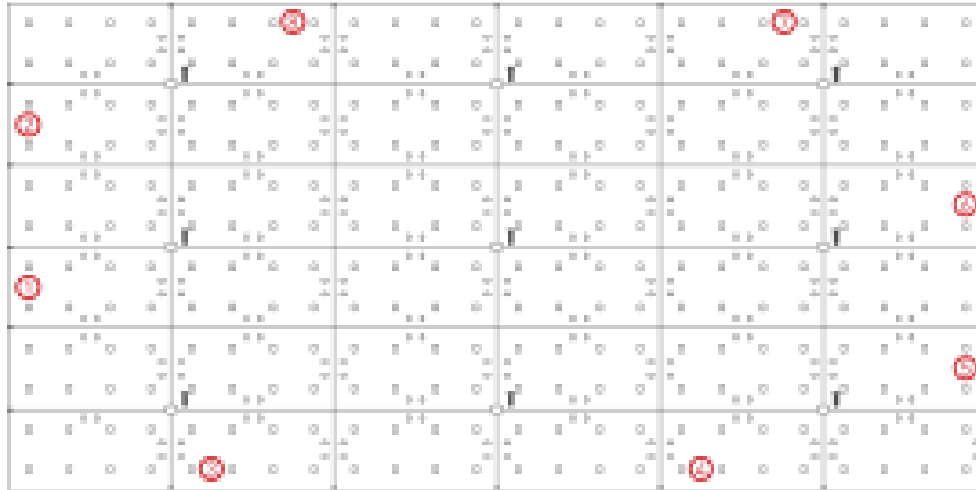
Note:

Dimensions tolerance: length $\pm 6\text{mm}$ [0.24inch]; width $\pm 0.2\text{mm}$ [0.008inch]; thickness $\pm 0.2\text{mm}$ [0.008inch].
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DIMENSIONS & CHARACTERISTICS

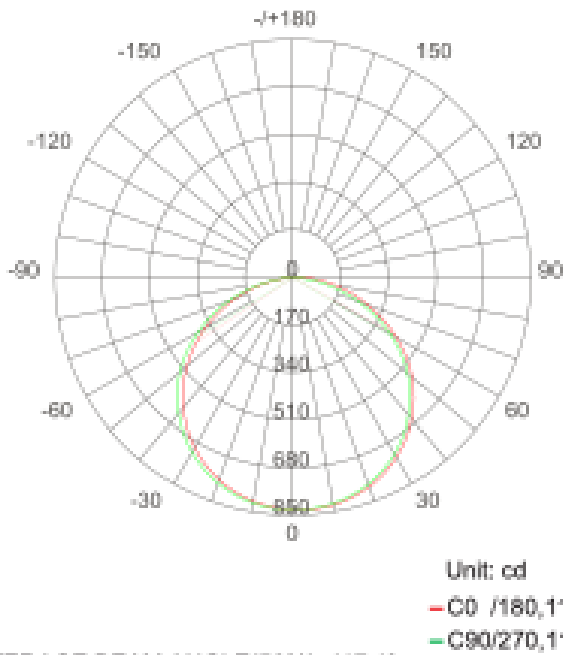
CHARACTERISTICS



Port location	Port name	Port type	Effect	Note
①②③④	Power input	2pin	Internal control board's power input	INPUT
⑤⑥⑦⑧	Output	2pin	Output between panels	OUTPUT

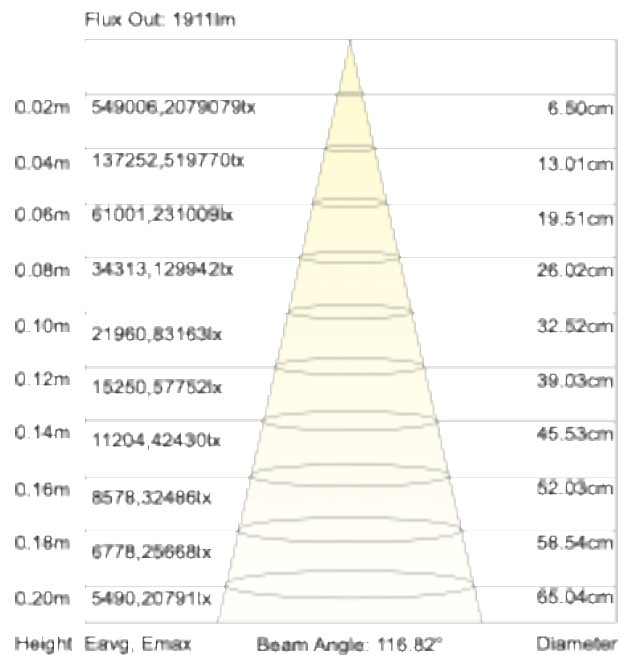
CHARACTERISTICS

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



AVERAGE BEAM ANGLE(50%): 117.1°

AVERAGE ILLUMINATION



Note: The data is the result of H150-W(eco)-FN-H2835-288-24. For other data, please consult a sales rep.

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WIRING CONSIDERATIONS

TYPICAL SYSTEM WIRING DIAGRAM

