

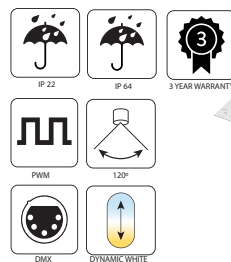


FXP | FLEXIBLE PANEL SERIES – WHITE (PWM)

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	White	Control	Voltage	Beam Angle	LED Qty	Mounting
FXP	480 – 480mm 609 – 609.6mm	W – White	22K – 2200K 25K – 2500K 27K – 2700K 30K – 3000K 35K – 3500K 40K – 4000K 50K – 5000K 62K – 6200K	DA – DALI D – DMX P – PWM 0 – 0-10V	24 – 24V DC	120 – 120°	200 288	SM – Screw-mounted AB – Adhesive-Backed F – Framed

SPECIFICATIONS

Example: FXP – 480 – W – 62K – DA – 24 – 120 – 200 – SM

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 Weight IP Rating CRI Cuttable Units Finish Mounting Options 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 4 panels for power 10% - 90% RH, non-condensing YES
Optical	Beam Angle Colour Range LED Type Pitch Pixel	120° White (2800K, 3200K, 3700K, 4300K, 5400K, 7200K) 5050 – 2835 2016lm @White-200 / 2903lm @White-288
Dimming & Control	Dimming Protocols Signal Transmission	PWM, 0-10V, DALI, DMX 2-pin signal input and output
Fixture Rating & Certifications	CE	
Limited Warranty	3 Years	Extendable Warranty Available

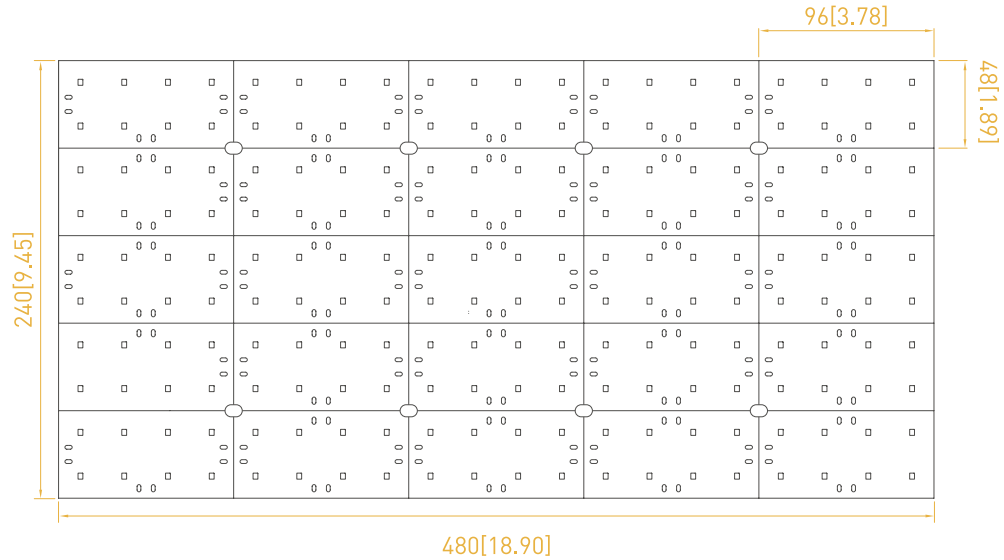


FXP | FLEXIBLE PANEL SERIES – WHITE (PWM)

DIMENSIONS & CHARACTERISTICS

DIMENSIONS – [240x480]

Unit: mm[inch]



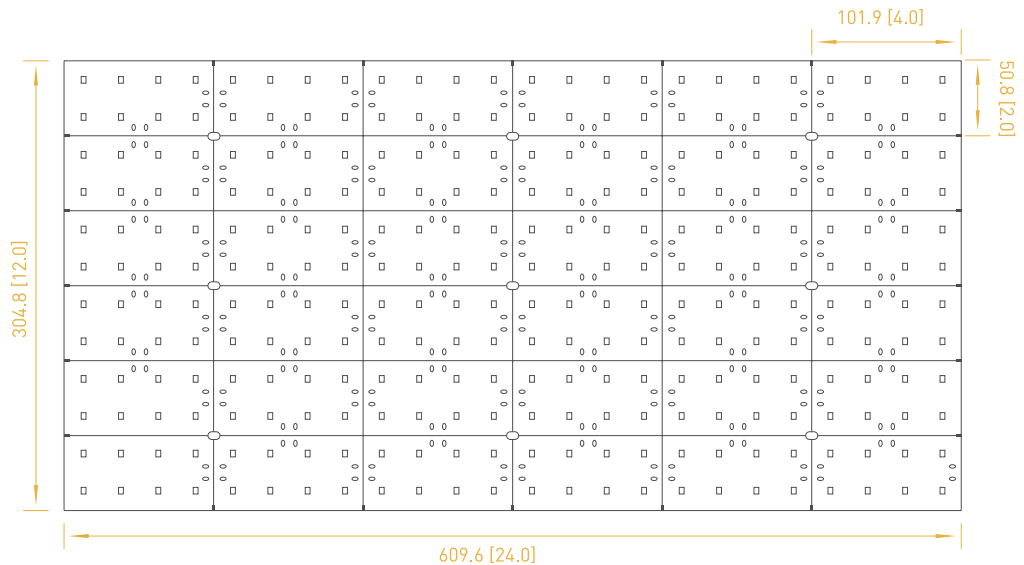
Note:

Dimensions tolerance: length ± 6 mm [0.24inch]; width ± 0.2 mm [0.008inch]; thickness ± 0.2 mm [0.008inch].

For more infor, please consult a sales rep.

DIMENSIONS – [305x610]

Unit: mm[inch]



Note:

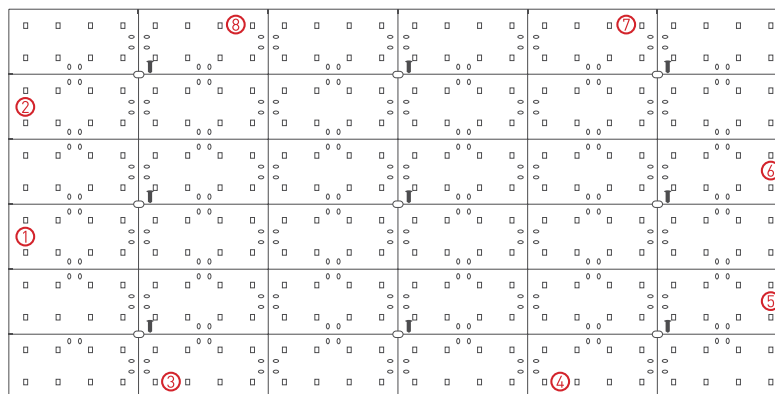
Dimensions tolerance: length ± 6 mm [0.24inch]; width ± 0.2 mm [0.008inch]; thickness ± 0.2 mm [0.008inch].

For more infor, please consult a sales rep.

FXP | FLEXIBLE PANEL SERIES – WHITE (PWM)

DIMENSIONS & CHARACTERISTICS

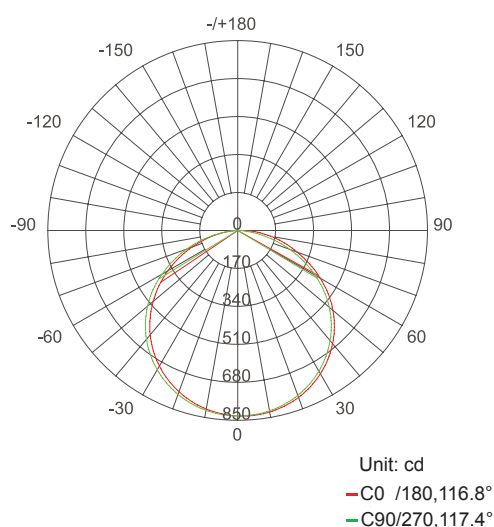
CHARACTERISTICS



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

Flux Out: 1911lm		
Height	Eavg, Emax	Diameter
0.02m	549006,2079079lx	6.50cm
0.04m	137252,519770lx	13.01cm
0.06m	61001,231009lx	19.51cm
0.08m	34313,129942lx	26.02cm
0.10m	21960,83163lx	32.52cm
0.12m	15250,57752lx	39.03cm
0.14m	11204,42430lx	45.53cm
0.16m	8578,32486lx	52.03cm
0.18m	6778,25668lx	58.54cm
0.20m	5490,20791lx	65.04cm

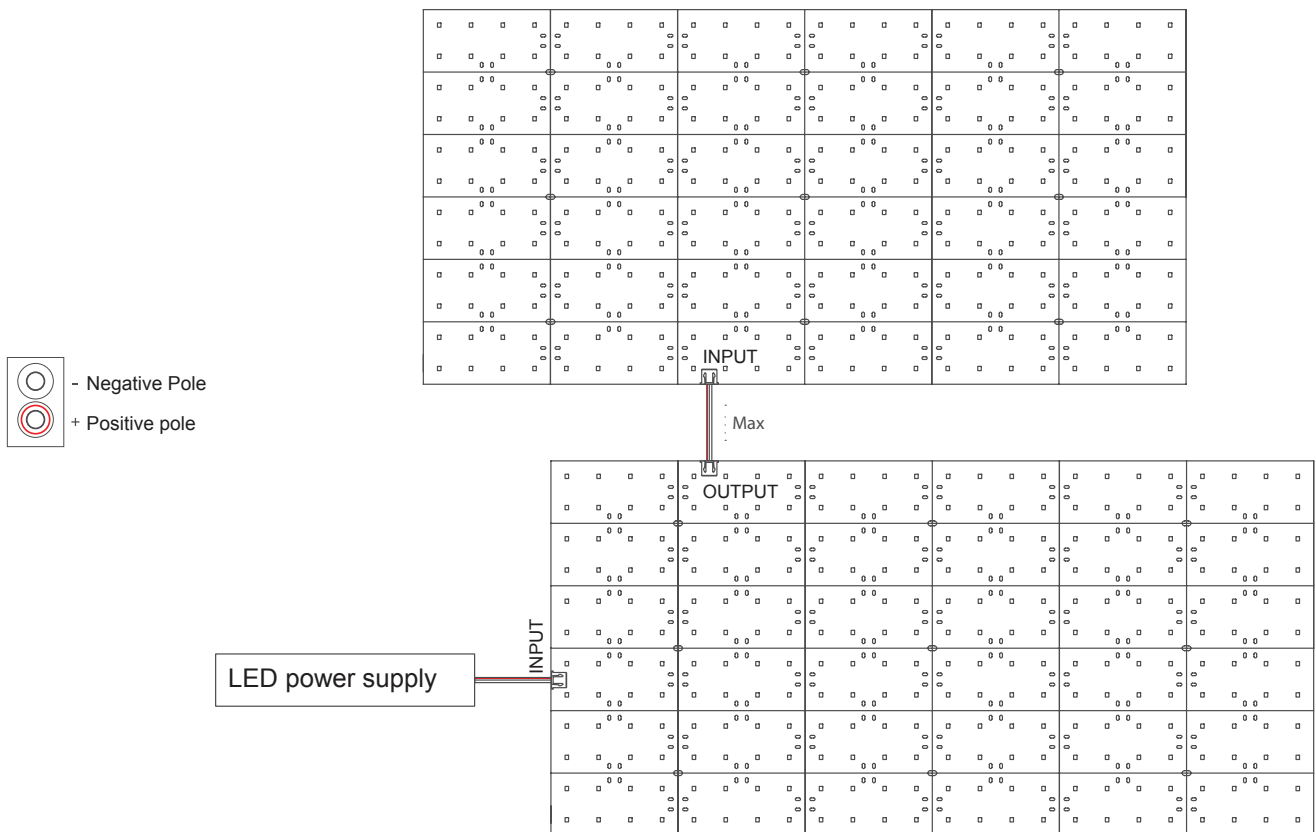
Beam Angle: 116.82°

Note: The data is the result of White lights, for other data, please consult a sales rep.

FXP | FLEXIBLE PANEL SERIES – WHITE (PWM)

WIRING CONSIDERATIONS

TYPICAL SYSTEM WIRING DIAGRAM



Remarks:

1. When connecting the control board, the insertion direction cannot be reserved;
2. The connectors connect two panels' input and output, and the mounting direction of the panels should be the same.