

FLEXIBLE PANEL SERIES | WHITE PANEL

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

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.



At a glance

Emitters

White
(W = 2300K, 2600K, 2800K, 3200K, 3700K, 4300K, 5300K, 6600K, 7200K)

2300K 2600K 2800K 3200K 4300K 5300K 6600K 7200K

Controls

DMX

Voltage

24V DC

Protection

Ingress – IP22
Ingress – IP64

Temperature

-20°C to 60°C
-4°F to 140°F

Optics

120°

Dimensions

609.6mm (24.0in) 480mm (18.9in)

FIXTURE PRODUCT CONFIGURATOR

Prefix	LED Qty	Length	LED Colour	White CCT	Control	Beam Angle	Power	Voltage	Mounting	CRI
FXP	200 288	480 – 480mm 609 – 609.6mm	W – White (2000K – 7200K)	23K – 2300K 26K – 2600K 28K – 2800K 32K – 3200K 37K – 3700K 43K – 4300K 53K – 5300K 66K – 6600K 72K – 7200K	DA – DALI D – DMX P – PWM 0 – 0-10V	120 – 120°	18 – 18W 25.92 – 25.92W	24 – 24V DC	SM – Screw-mounted AB – Adhesive-Backed F – Framed	80 90 95

EXAMPLE: FXP – 288 – 609 – W – 43K – P – 120 – 25.92 – 24 – SM – 90

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FXP WHITE SPECIFICATIONS

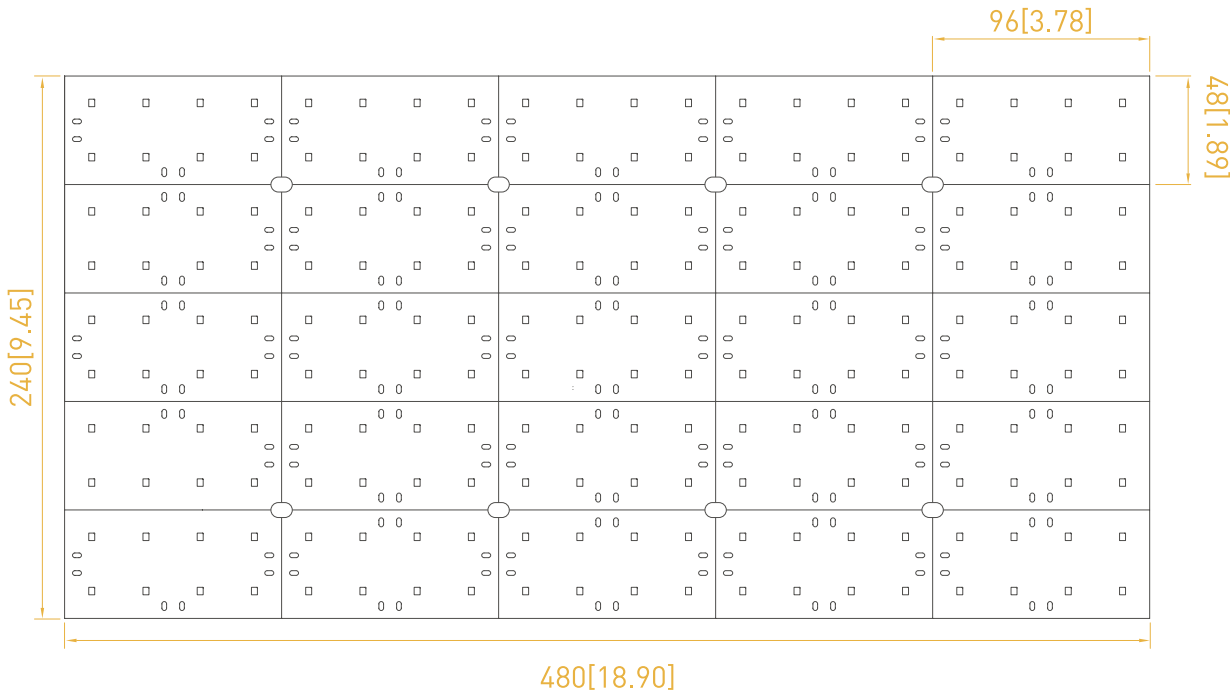
ELECTRICAL	POWER CONSUMPTION OPERATING VOLTAGE OPERATING TEMPERATURE STORAGE TEMPERATURE	18W (480mm) / 25.92W (610mm) 24V DC -20°C TO 60°C – (-4°F TO 140°F) -20°C TO 70°C – (-4°F TO 158°F)
PHYSICAL	STANDARD FIXTURE DIMENSIONS UNIT FIXTURE DIMENSIONS WEIGHT FIXTURE HOUSING CONNECTION IP RATING CRI CUTTABLE UNITS MOUNTING OPTIONS CABLE LENGTH MAXIMUM RUN LENGTH HUMIDITY 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) 104G FLEXIBLE PCB (WITH PROTECTIVE COATING AVAILABLE) 2-PIN SIGNAL INPUT AND OUTPUT IP22 / IP64 80+ TO 95+ EVERY LED SECTION FOR TAILORED INSTALLATION ADHESIVE-BACKED, SCREW MOUNTED, AND FRAMED CUSTOMISABLE UPON REQUEST 4 PANELS FOR POWER (200) – 3 PANELS FOR POWER (288) 10% - 90% RH, NON-CONDENSING
OPTICAL	BEAM ANGLE COLOUR RANGE LED TYPE LUMENS OUTPUT	120° White (2300K, 2600K, 2800K, 3200K, 3700K, 4300K, 5300K, 6600K, 7200K) 5050 – 2835 2016LM @WHITE-200 / 2903LM @WHITE-288
DIMING & CONTROL	DIMMING PROTOCOLS SIGNAL TRANSMISSION	PWM, 0-10V, DALI, DMX 2-PIN SIGNAL INPUT AND OUTPUT
FIXTURE RATING & CERTIFICATIONS	CE / IP22 / IP64	CE IP
LIMITED WARRANTY	5 YEARS *Extendable warranty available	5

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DIMENSIONS

FXP WHITE DIMENSIONS – [240X480]

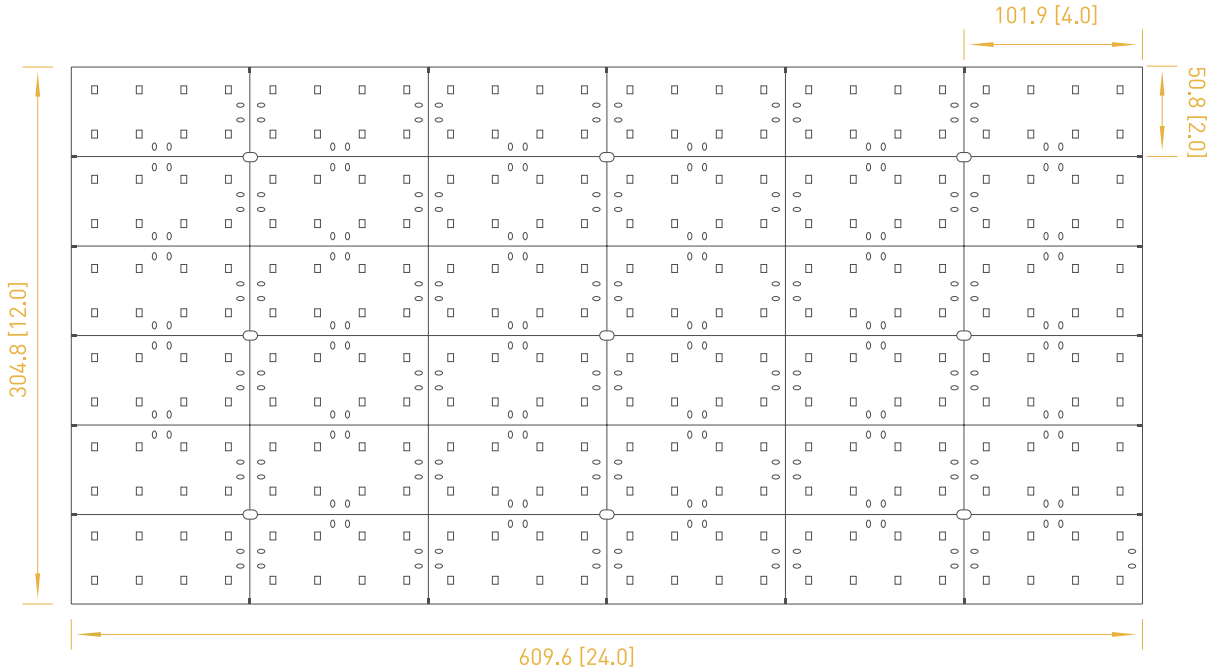
Unit: mm[inch]



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.

FXP WHITE DIMENSIONS – [305X610]

Unit: mm[inch]

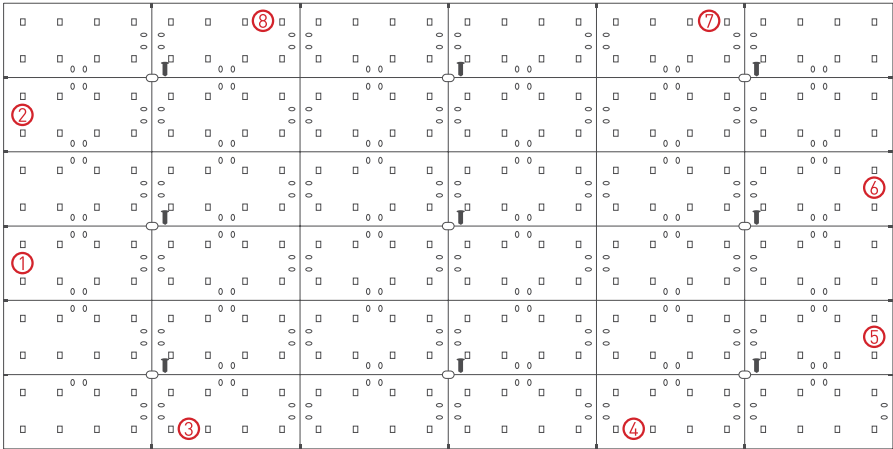


Note:
Dimensions tolerance: length ± 6 mm [0.24inch]; width ± 0.2 mm [0.008inch]; thickness ± 0.2 mm [0.008inch].
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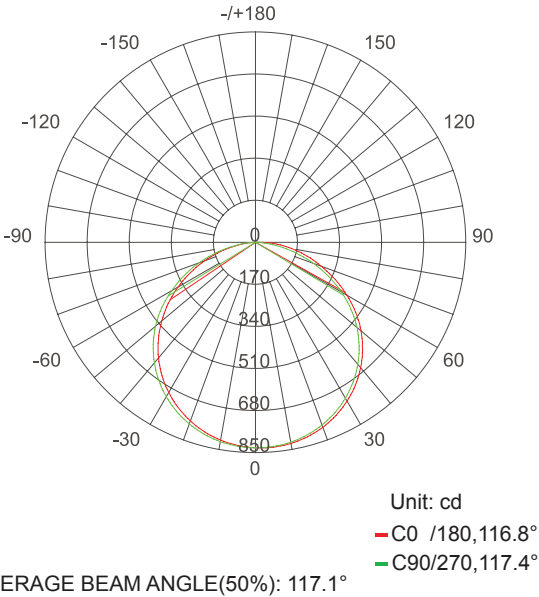
WHITE PANEL

CHARACTERISTIC



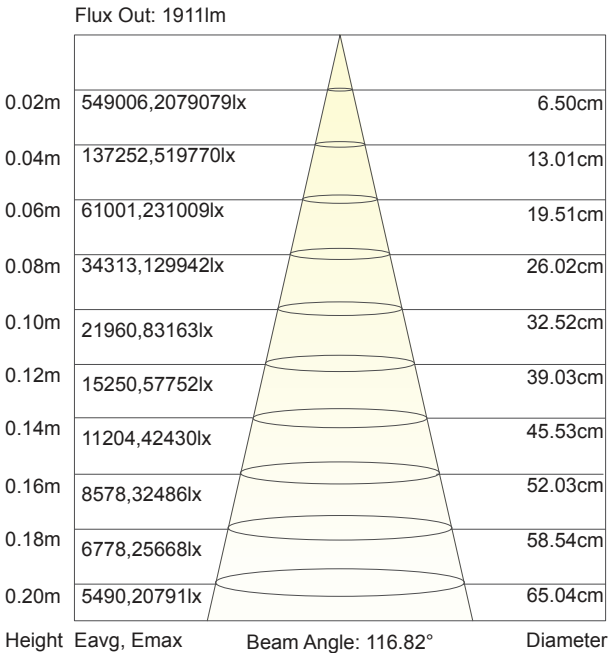
Port location	Port name	Port type	Effect	Note
①②③④	Power input	2pin	Internal control board's power input	INPUT
⑤⑥⑦⑧	Output	2pin	Output between panels	OUTPUT

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



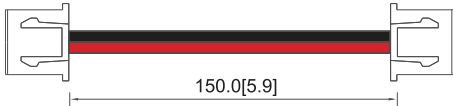
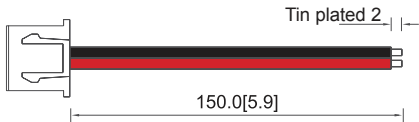
Note: The data is the result of White lights, for other data, please consult a sales rep.

AVERAGE BEAM ANGLE



CONNECTORS

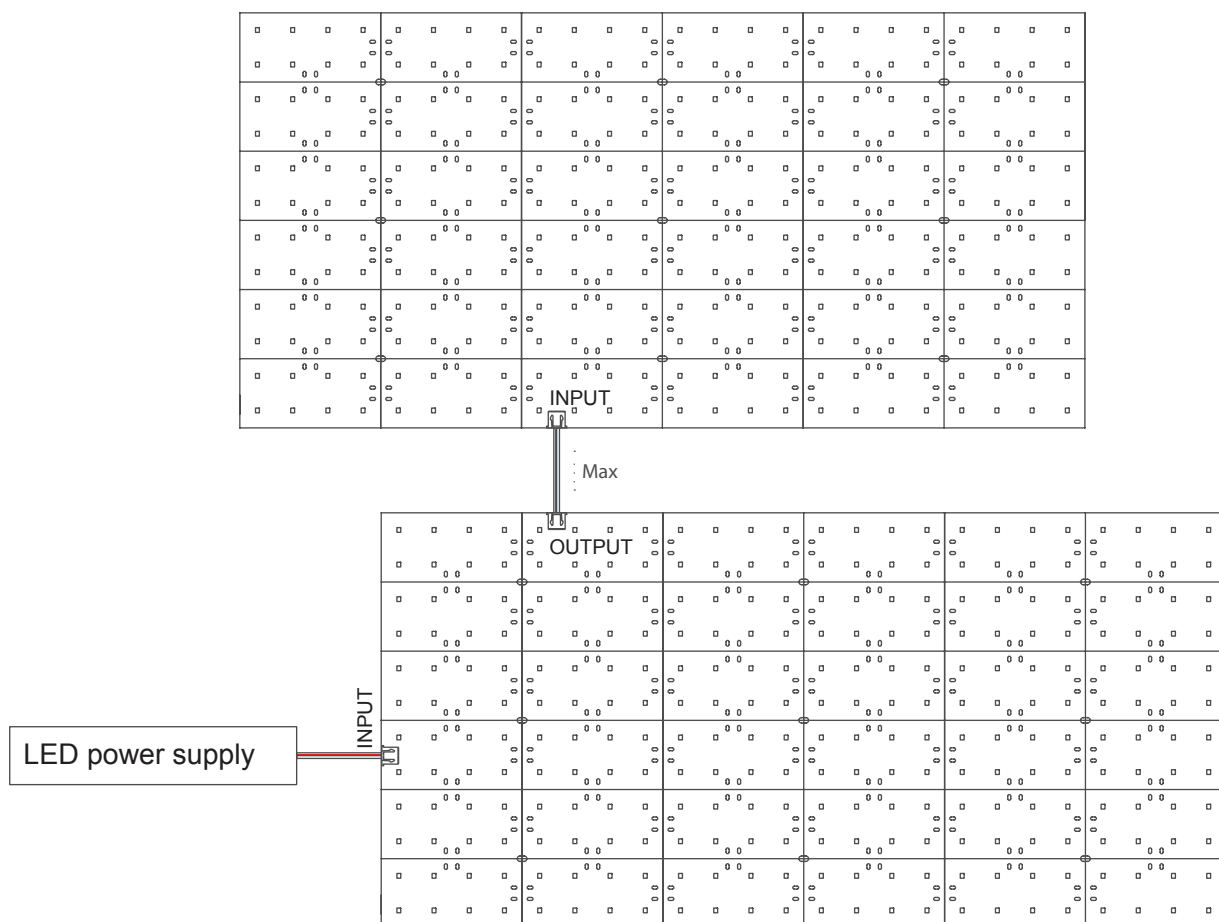
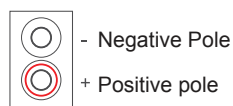
Unit: mm[inch]



Note:
Please avoid reversed connection;
Adopt 20AWG standard wire;
Please use two wires to connect the panels if only one end power feed;

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.