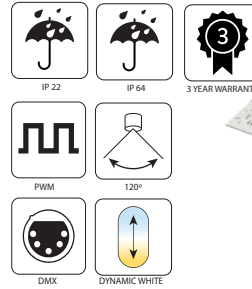


FXP | FLEXIBLE PANEL SERIES – Tuneable White (PWM)

The FXP Tuneable White Flexible Panel is a high-performance LED solution for precise white temperature control in signage backlighting, and architectural applications.

Offering a tuneable range from 2200K to 6500K, it delivers high CRI, smooth dimming, and consistent white balance across various lighting environments.

Its low-profile, flexible design enables easy installation on flat or curved surfaces. Rated IP64 and IP22 for versatile use in protected indoor settings.



PART NUMBER CONFIGURATOR

Prefix	LED Qty	Length	LED Colour	Control	Beam Angle	Power	Voltage	Mounting
FXP	324 576	480 – 480mm 609 – 609.6mm	DW – Dynamic White (1800K – 12000K)	DA – DALI D – DMX P – PWM 0 – 0-10V	120 – 120°	26 – 26W 46 – 46W	24 – 24V DC	SM – Screw-mounted AB – Adhesive-Backed F – Framed

Example: FXP – 324 – 480 – DW – DA – 120 – 26 – 24 – SM

SPECIFICATIONS

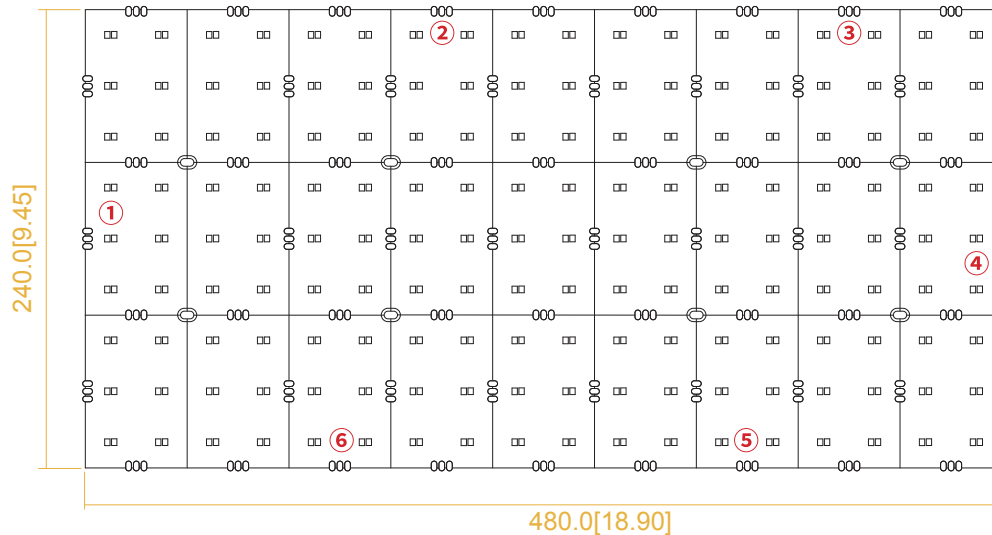
Electrical	Power Consumption Operating Voltage Operating Temperature Storage Temperature	26W (480mm) / 46W (610mm) 24V DC -20°C TO 60°C – (-4°F TO 140°F) -20°C TO 70°C – (-4°F TO 158°F)
Physical	Dimensions Unit Dimensions Weight IP Rating CRI Cuttable Units Finish Mounting Options Connection Cable Length Maximum Run Length Humidity Resistance UV Resistance	480mm (L) x 240mm (H) / 610mm (L) x 305mm (H) 53.5mm (L) x 80mm (H) / 76.2mm (L) x 50.8mm (H) IP64 / IP22 80+ TO 95+ 480 – Every 80mm / 610 – Every 76.2mm Flexible PCB with protective coating Screw-mounted, adhesive-backed, or framed 3-pin terminal connection Customisable upon request 4 panels for power (324LED) / 3 panels for power (576LED) 10% - 90% RH, non-condensing YES
Optical	Beam Angle Colour Range LED Type Pitch Pixel	120° Dynamic White (1800K – 12000K) 2835 1296lm – 2980lm @324LEDs / 2304lm – 5298lm @576LEDs
Dimming & Control	Dimming Protocols Signal Transmission	PWM, 0-10V, DALI, DMX 3-pin terminal connection
Fixture Rating & Certifications	CE	
Limited Warranty	3 Years	Extendable Warranty Available

FXP | FLEXIBLE PANEL SERIES – Tuneable White (PWM)

DIMENSIONS & CHARACTERISTICS

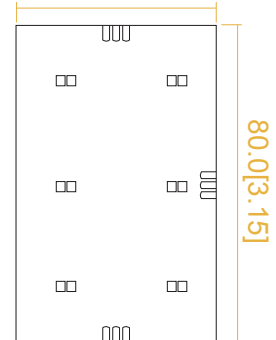
DIMENSIONS – [240x480] – 324LED Panel

Unit: mm[inch]



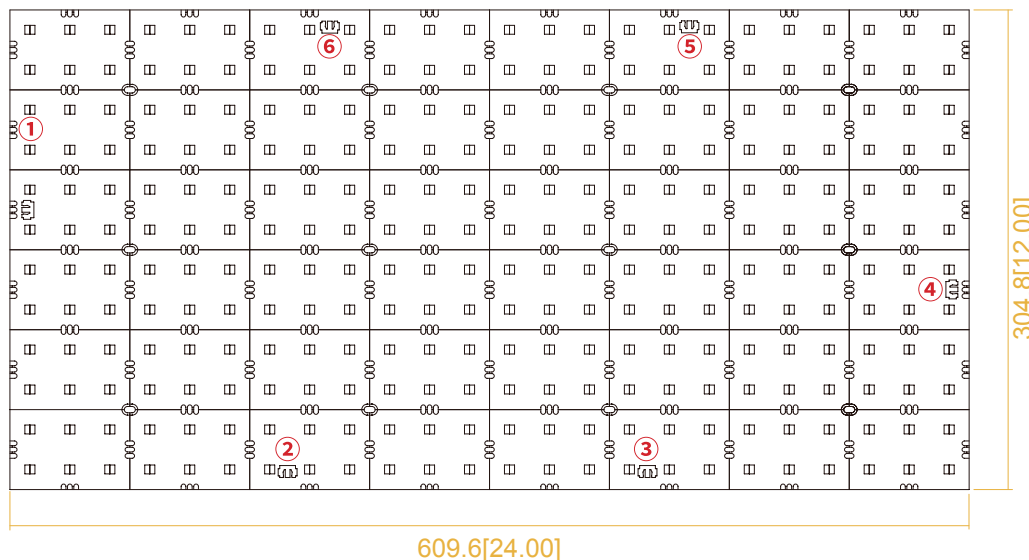
Min cuttable unit

53.3[2.10]



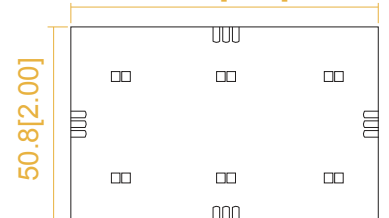
DIMENSIONS – [305x610] – 576LED Panel

Unit: mm[inch]



Min cuttable unit

76.2[3.00]



Note:

Dimensions tolerance: length $\pm 6\text{mm}$ [0.24inch]; width $\pm 0.2\text{mm}$ [0.008inch]; thickness $\pm 0.02\text{mm}$ [0.008inch]

For more info, please consult a sales rep.

Port Description

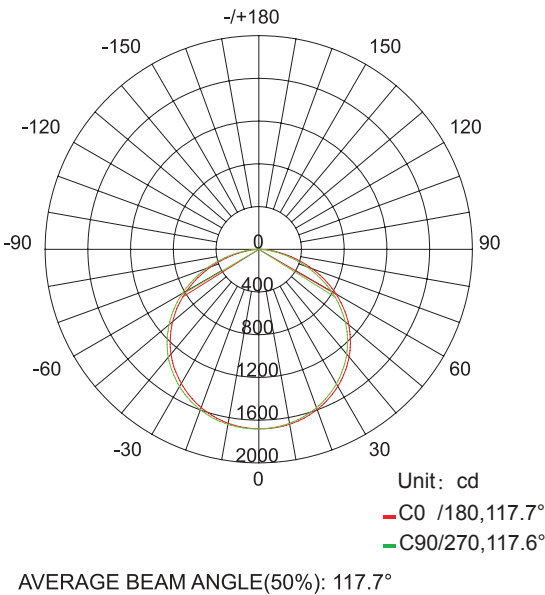
Port location	Port name	Port type	Effect	Note
①②③	Signal input	3pin	signal input for external controller	INPUT
④⑤⑥	Signal output	3pin	output connection between light panel	OUTPUT

FXP | FLEXIBLE PANEL SERIES – Tuneable White (PWM)

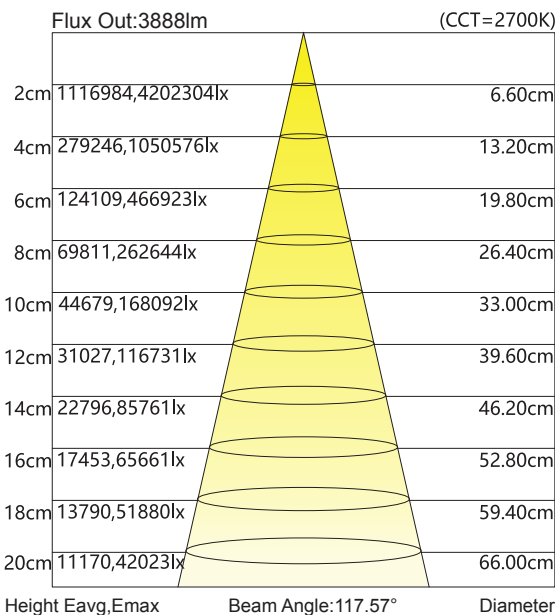
DIMENSIONS & CHARACTERISTICS

CHARACTERISTICS

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



AVERAGE BEAM ANGLE



Note: above data is calculated from 27K-65K-576-80 @2700K. For more info, please consult a sales rep.

FXP | FLEXIBLE PANEL SERIES – Tuneable White (PWM)

WIRING CONSIDERATIONS

TYPICAL SYSTEM WIRING DIAGRAM

