

The FXP Tuneable White 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.



At a glance

Emitters

Dynamic White

Dimensions

53.3[2.10]
61.6[2.08]
240.0[9.45]
480.0[18.90]
76.2[3.00]
50.8[2.00]
609.6[24.00]
304.8[12.00]

Controls

SPI

Voltage

24V DC

Protection

Ingress – IP22
Ingress – IP64

Temperature

-20°C to 60°C
-4°F to 140°F

Optics

120°

Wattage

26W
46W

FIXTURE PRODUCT CONFIGURATOR

Prefix	LED Qty	Length	LED Colour	Control	Beam Angle	Power	Voltage	Mounting
FXP	324 576	480 – 480mm 609 – 609.6mm	DW – Dynamic White (2200K – 6500K)	DA – DALI D – DMX P – PWM O – 0-10V	120 – 120°	26 – 26W 46 – 46W	24 – 24V DC	SM – Screw Mount AB – Adhesive-Backed F – Framed

EXAMPLE: FXP – 324 – 480 – DW – D – 120 – 26 – 24 – SM

FLEXIBLE PANEL SERIES | DW PANEL

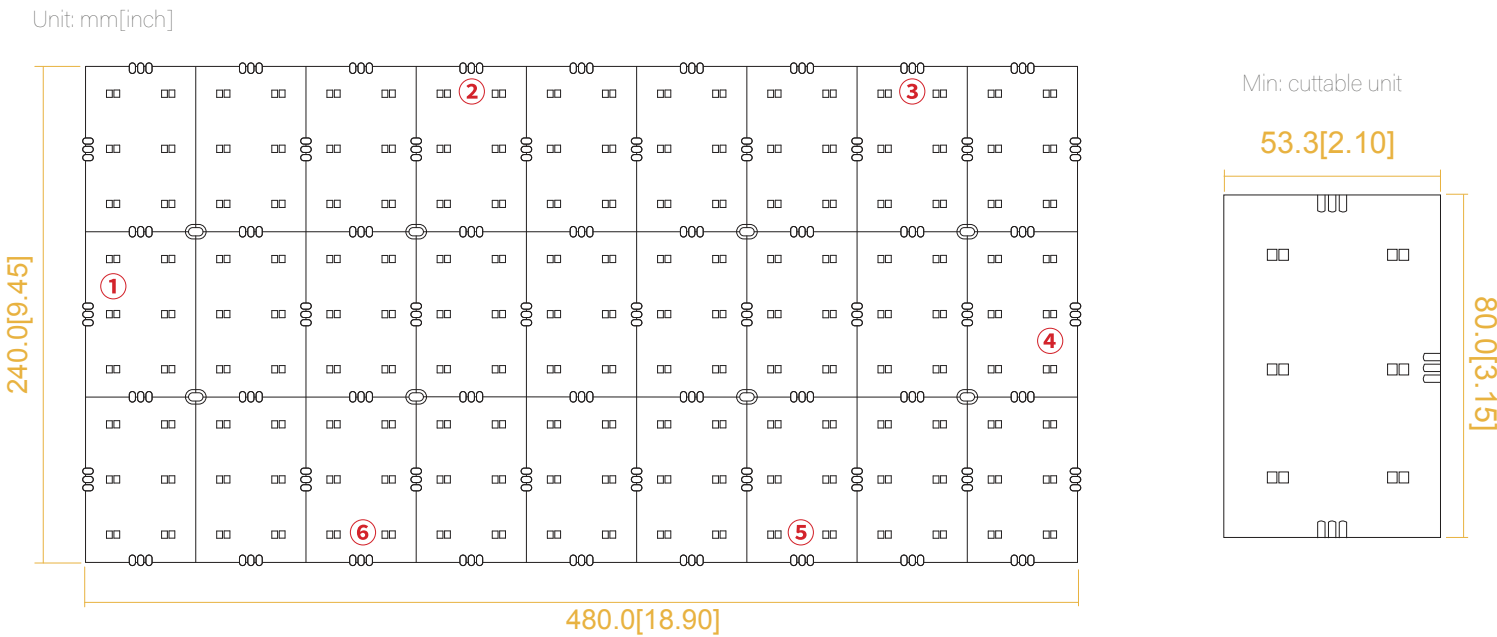
FXP DW SPECIFICATIONS

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	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) / 610MM (L) x 305MM (H) 53.5MM (L) x 80MM (H) / 76.2MM (L) x 50.8MM (H) 105G FLEXIBLE PCB (WITH PROTECTIVE COATING AVAILABLE) 3-PIN TERMINAL CONNECTOR IP64 / IP22 80+ TO 95+ 480 – EVERY 80MM / 610 – EVERY 76.2MM ADHESIVE-BACKED, SCREW MOUNTED, AND FRAMED CUSTOMISABLE UPON REQUEST 4 PANELS FOR POWER (324LEDS) / 3 PANELS FOR POWER (576LEDS) 10% - 90% RH, NON-CONDENSING
OPTICAL	BEAM ANGLE COLOUR RANGE LED TYPE LUMENS OUTPUT PIXEL PITCH	120° DYNAMIC WHITE (2200K – 6500K) 2835 1296LM – 2980LM @324LEDS / 2304LM – 5928LM @576LEDS
DIMING & CONTROL	DIMMING PROTOCOLS SIGNAL TRANSMISSION	PWM, 0-10V, DALI, DMX 3-PIN TERMINAL CONNECTION
FIXTURE RATING & CERTIFICATIONS	CE / IP64 / IP22	CE 
LIMITED WARRANTY	5 YEARS *Extendable warranty available	

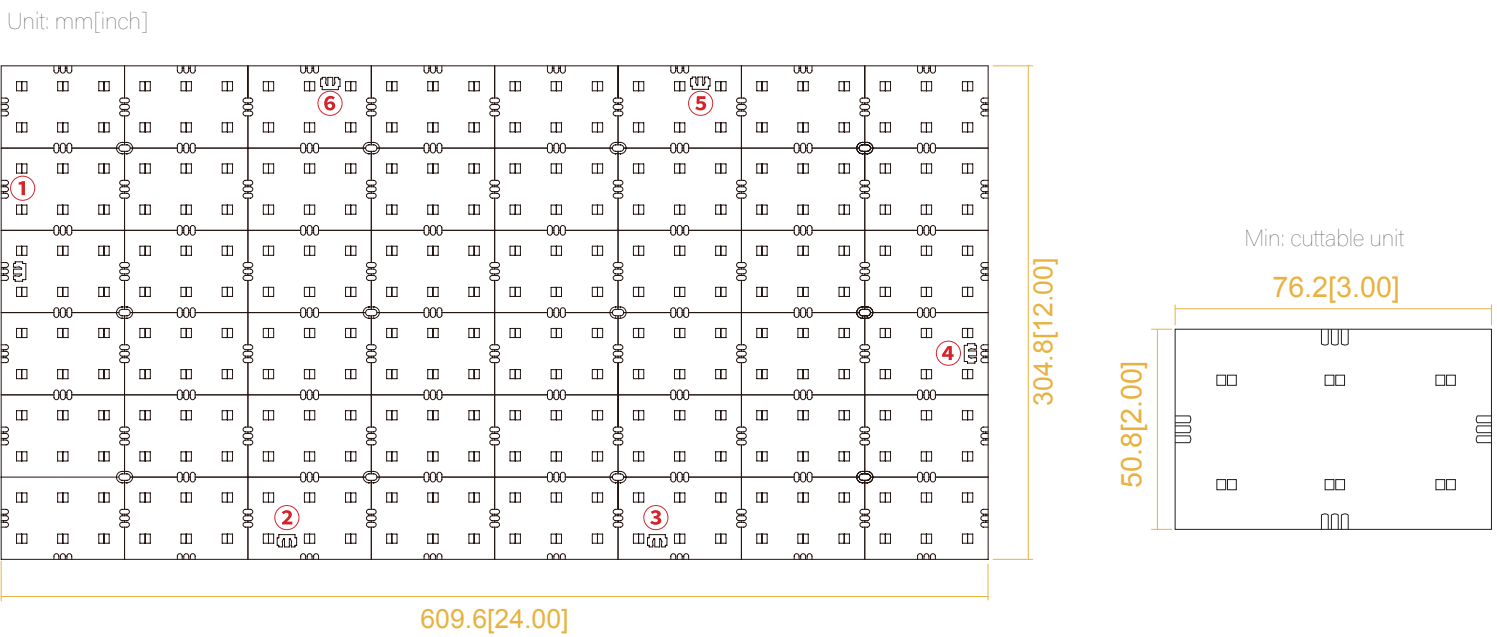
FLEXIBLE PANEL SERIES | DW PANEL

DIMENSIONS

FXP DW DIMENSIONS – [240X480]



FXP DW DIMENSIONS – [305X610]



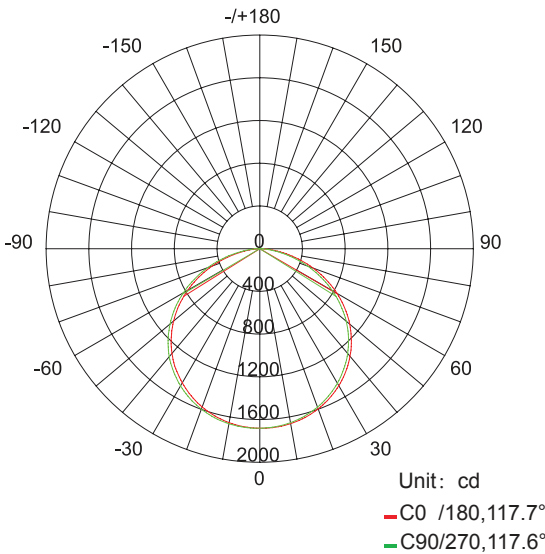
Note:
Dimensions tolerance: length $\pm 6\text{mm}$ [0.24inch]; width $\pm 0.2\text{mm}$ [0.008inch]; thickness $\pm 0.02\text{mm}$ [0.008inch]
For more info, please consult a sales rep.

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

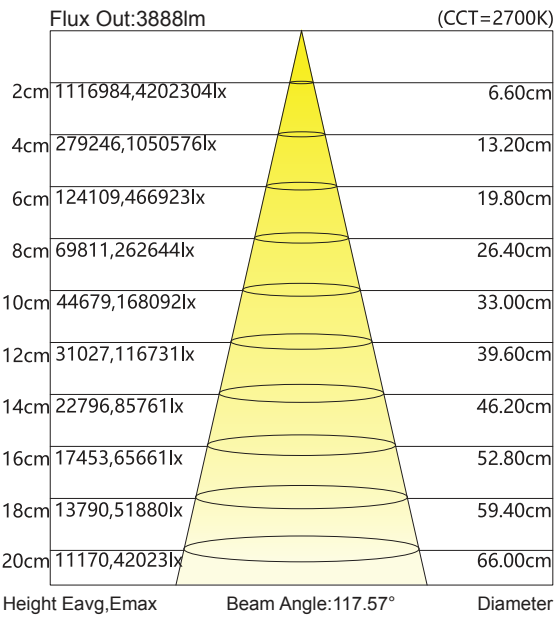
CHARACTERISTICS

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



AVERAGE BEAM ANGLE(50%): 117.7°

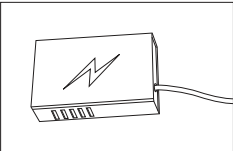
AVERAGE BEAM ANGLE



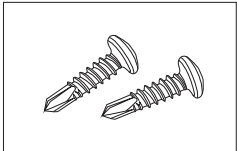
Note: above data is calculated from 27K-65K-576-80 @2700K. For more info, please consult a sales rep.

ACCESSORIES

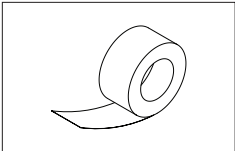
PRODUCTS AND TOOLS



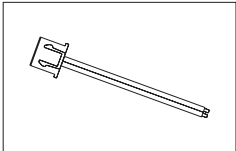
LED power supply



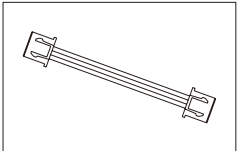
Self-tapping screw



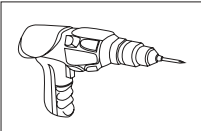
Insulation Tape



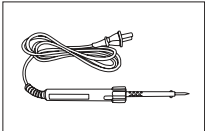
XH-2Y connector



XH-3Y connector



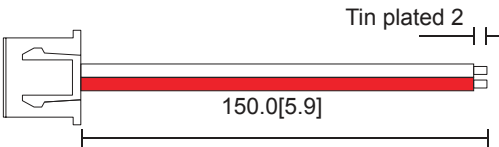
Electric drill



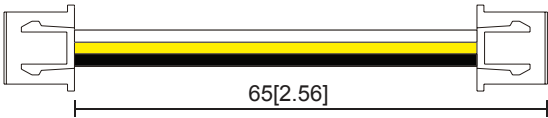
Electric iron

CONNECTORS

XH-2Y connector



XH-3Y connector



WIRING CONSIDERATIONS

TYPICAL SYSTEM WIRING DIAGRAM

