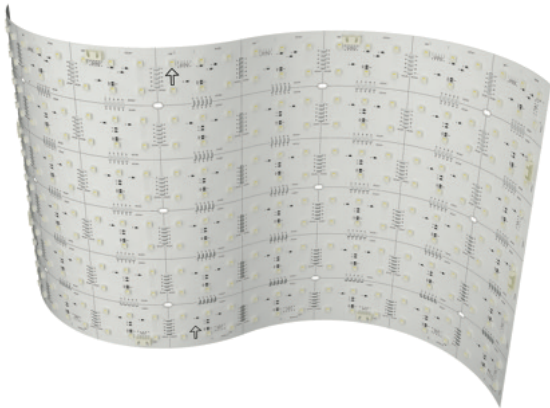


The FXP RGBW PWM Flexible Panel is a high-performance LED solution designed for smooth colour control in architectural, commercial, and signage applications.

With integrated red, green, blue, and warm white LEDs, it delivers precise RGBW mixing and strong lumen output for dynamic visual effects.

The FXP Panel supports PWM, 0-10V, DALI, and DMX dimming protocols, ensuring wide compatibility. Its slim, flexible, and lightweight design makes it easy to install in indoor environments. It's also rated IP22



At a glance

Emitters

RGBW
(W = 2200K
3000K, 4000K, 5000K
6000K, 7000K)

2200K

3000K

4000K

5000K

6000K

7000K

Controls

Voltage

24V DC

Protection

Temperature

Optics

Dimensions

FIXTURE PRODUCT CONFIGURATOR

Prefix	LED Qty	Length	LED Colour	White CCT	Control	Beam Angle	Power	Voltage	Mounting
FXP	162 288	480 – 480mm	RGBW	22K – 2200K 30K – 3000K 40K – 4000K 50K – 5000K 60K – 6000K 70K – 7000K	DA – DALI D – DMX P – PWM 0 – 0-10V	120 – 120°	25.92 – 25.92W 46 – 46W	24 – 24V DC	SM – Screw-mounted AB – Adhesive-Backed F – Framed

EXAMPLE: FXP – 288 – 480 – 480 – RGBW – 50K – D – 120 – 46 – 24 – SM

FLEXIBLE PANEL SERIES

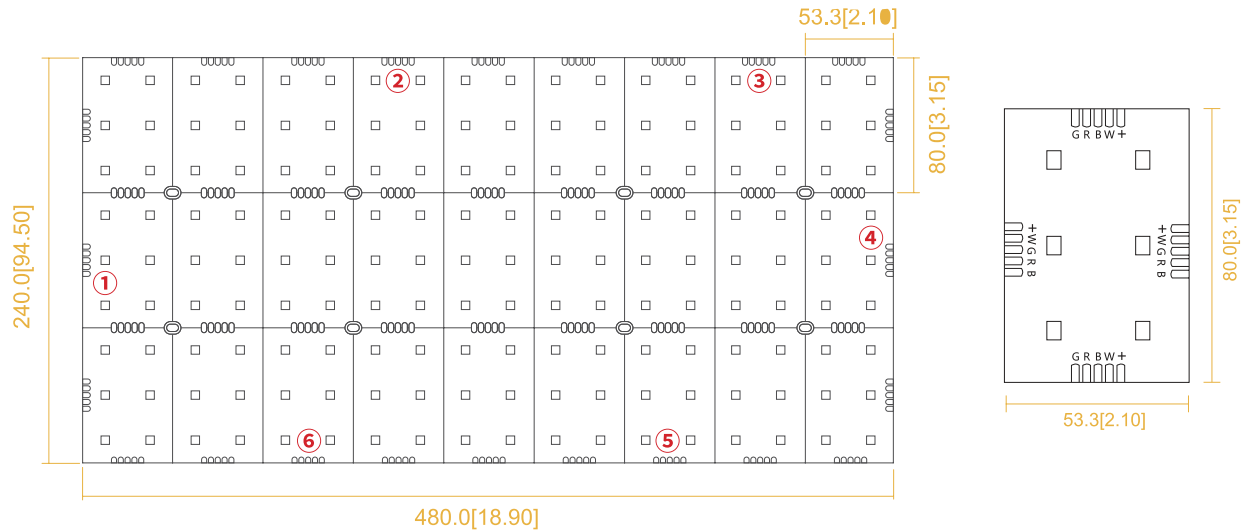
RGBW PANEL

FXP RGBW SPECIFICATIONS

ELECTRICAL	POWER CONSUMPTION OPERATING VOLTAGE OPERATING TEMPERATURE STORAGE TEMPERATURE	25.92W (RGBW-162) / 46W (RGBW-288) 24V DC -25°C TO 60°C – (-13°F TO 140°F) -25°C TO 70°C – (-13°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) 80MM (L) X 53.5MM (H) 117G FLEXIBLE PCB (WITH PROTECTIVE COATING AVAILABLE) 5-PIN SIGNAL INPUT AND OUTPUT IP22 80+ EVERY LED SECTION FOR TAILORED INSTALLATION ADHESIVE-BACKED, SCREW MOUNTED, AND FRAMED CUSTOMISABLE UPON REQUEST 4 PANELS FOR POWER (162) – 2 PANELS FOR POWER (288) 10% - 90% RH, NON-CONDENSING
OPTICAL	BEAM ANGLE COLOUR RANGE LED TYPE LUMENS OUTPUT	120° RGBW (2200K, 3000K, 4000K, 5000K, 6000K, 7000K) 5050 RGBW 1034LM @RGBW-162 / 2200LM @RGBW-288
DIMING & CONTROL	DIMMING PROTOCOLS SIGNAL TRANSMISSION	PWM, 0-10V, DALI, DMX 5-PIN SIGNAL INPUT AND OUTPUT
FIXTURE RATING & CERTIFICATIONS	CE / IP22	CE IP22
LIMITED WARRANTY	5 YEARS *Extendable warranty available	5

DIMENSIONS

FXP RGBW DIMENSIONS – [240X480]

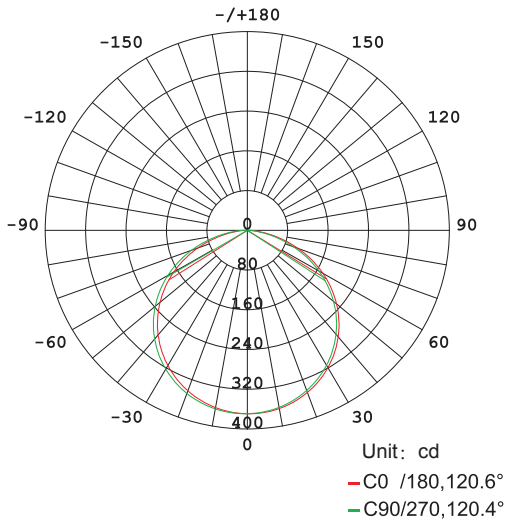


Port location	Port name	Port type	Effect	Note
①②③	Signal input	5pin	external controller signal input	INPUT
④⑤⑥	Signal output	5pin	signal transmission between panels	OUTPUT

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

CHARACTERISTICS

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

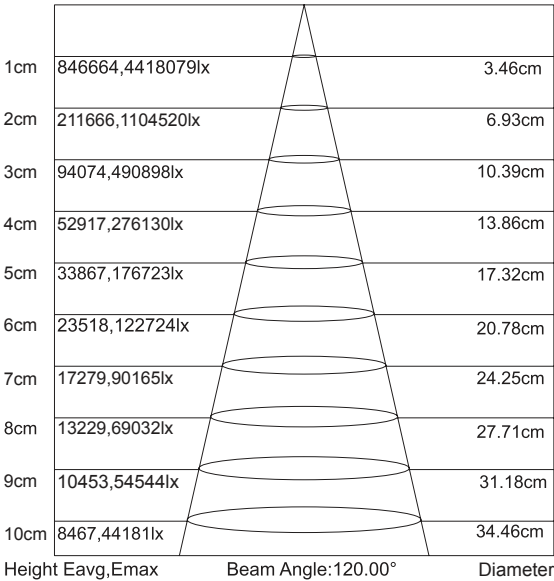


AVERAGE BEAM ANGLE(50%): 120.5°

Note:The above data are tested with all RGBW lights on.

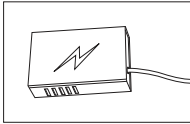
AVERAGE BEAM ANGLE

Flux Out:798.0lm

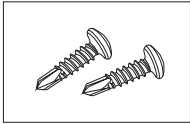


ACCESSORIES

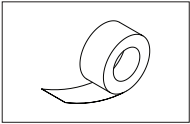
PRODUCTS AND TOOLS



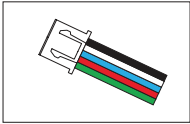
LED power supply



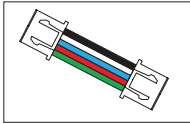
Self-tapping screw



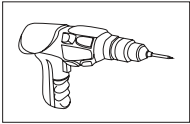
Insulation Tape



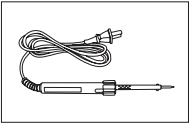
XH-5Y connector



XH-5Y connector



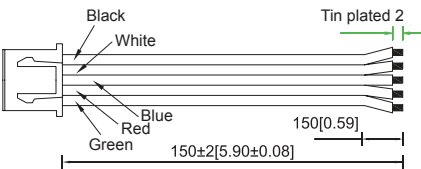
Electric drill



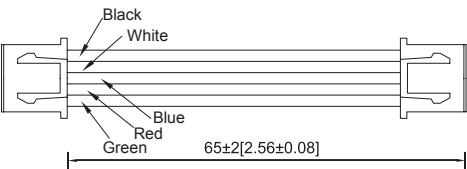
Electric iron

CONNECTORS

XH-5Y connector



XH-5Y connector



WIRING CONSIDERATIONS

TYPICAL SYSTEM WIRING DIAGRAM

