

FXT10

DATASHEET – SPECIFICATIONS

FXT | PIXEL STRIP SERIES

The FXT is a high-performance, flexible RGBW LED strip designed for dynamic architectural, signage, and entertainment lighting applications.

Featuring built-in data redundancy, it ensures stable operation and seamless RGBW colour mixing with precise pixel-level control using SPI protocols.

With IP67 and IP65 protection options, the FXT is suited for both indoor and outdoor use, delivering vibrant, reliable illumination across a wide range of environ



PART NUMBER CONFIGURATOR

Prefix	Model	Length	LED Colour	LED Qty	Control	Beam Angle	Voltage
FXT	10	1000 – 1000mm 2000 – 2000mm 3000 – 3000mm 4000 – 4000mm 5000 – 5000mm	RGBW(27K) RGBW(30K) RGBW(40K) RGBW(60K) DW	60	D – DMX S – SPI PWM X – X-Stream	120 – 120°	24 – 24V DC
EXAMPLE: FXT10 – 1000 – RGBW – 60 – X – 120 – 24							

SPECIFICATIONS

Electrical	Power Consumption Operating Voltage Operating Temperature Storage Temperature	6.8W – 15.8W per meter 24V DC -20°C TO 60°C (-4°F TO 140°F) -20°C TO 70°C (-4°F TO 158°F)
Physical	Dimensions Housing Weight IP Rating Min. Cuttable Length Pixels/m Mounting Options Source Life Connection Quantity (pcs) Data Maximum Run Length	1000mm / 2000mm / 3000mm / 4000mm / 5000mm (L) x 12mm (W) Flexible PCB IP65 / IP67 50mm (12V DC) / 100mm (24V DC) 10 pixels 3M Adhesive Tape, Clips 4 in 1 RGBW 60 76,8m @ 10pixels/m – 6 universes
Optical	Beam Angle Colour Range LED Type Luminous Flux	120° RGBW 5050 SMD >69lm/m
Control	Control Protocols	X-Stream (with PXT/PXR devices), SPI, DMX, PWM
Fixture Rating & Certifications		
Limited Warranty	3 Years	Extendable warranty available

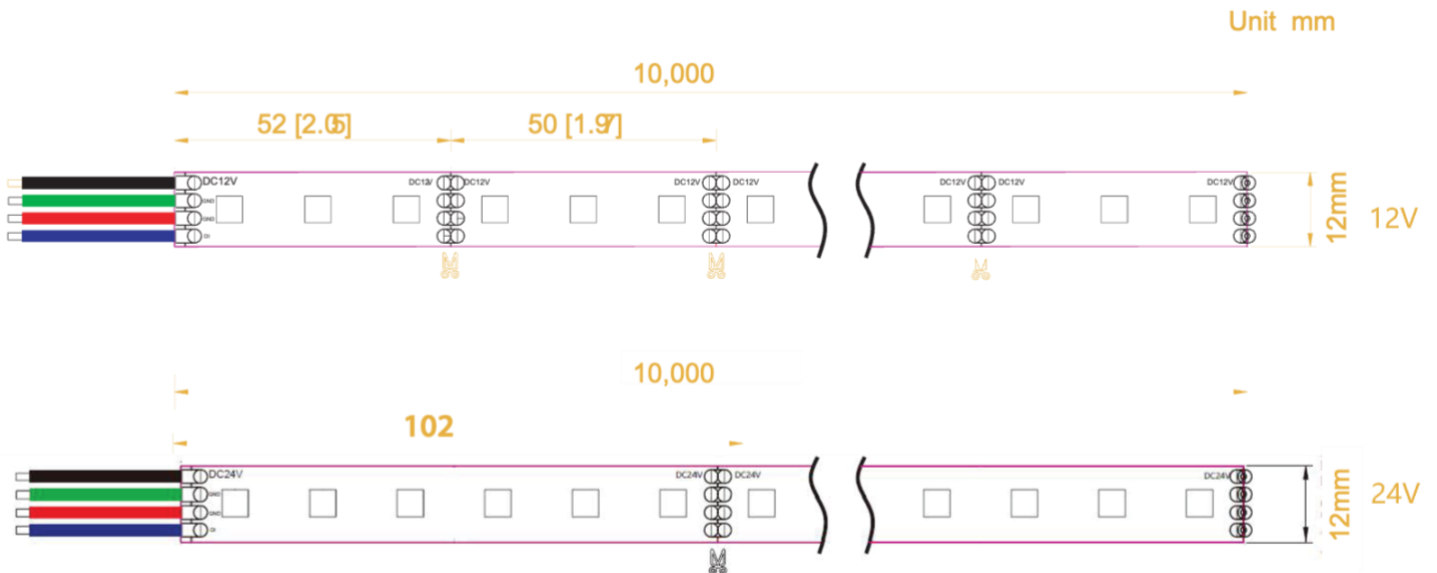
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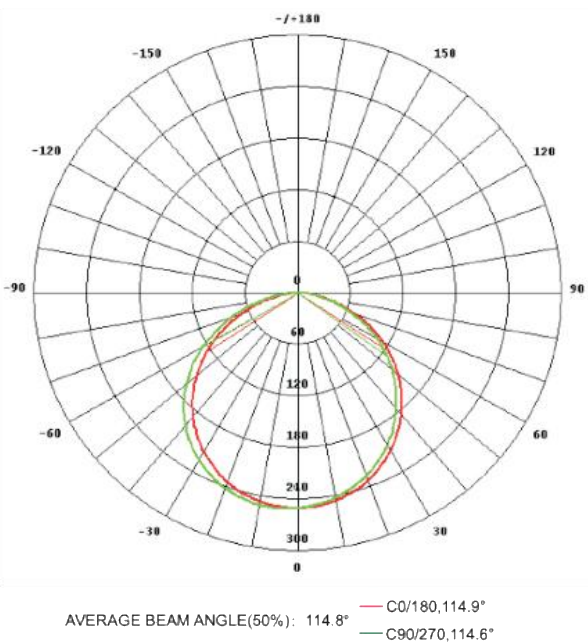
DIMENSIONS & CHARACTERISTICS

DIMENSIONS



CHARACTERISTICS

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



AVERAGE BEAM ANGLE

Luminous Flux output: 640.9lm

1cm	860392,3022158lx	3.01cm
2cm	215098,755539lx	6.13cm
3cm	95599,335795lx	9.19cm
4cm	53774,188885lx	12.25cm
5cm	28816,100270lx	15.31cm
6cm	23900,83949lx	18.38cm
7cm	17559,61677lx	21.44cm
8cm	13444,47221lx	24.50cm
9cm	10622,37311lx	27.57cm
10cm	8604,30222lx	30.63cm
Height Eavg, Emax	Beam Angle: 113.71°	Diameter

Note:

The above data are tested when single light is normally on with color temperature 2700K. Please ask the sales for other colors and specifications.

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WIRING CONSIDERATIONS

TYPICAL SYSTEM WIRING DIAGRAM

