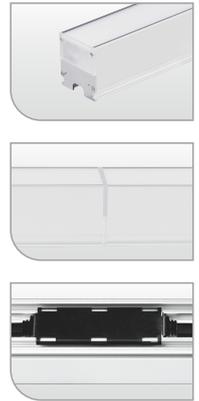


CX3B

CX Series Linear Lamp

CX SERIES CX3B



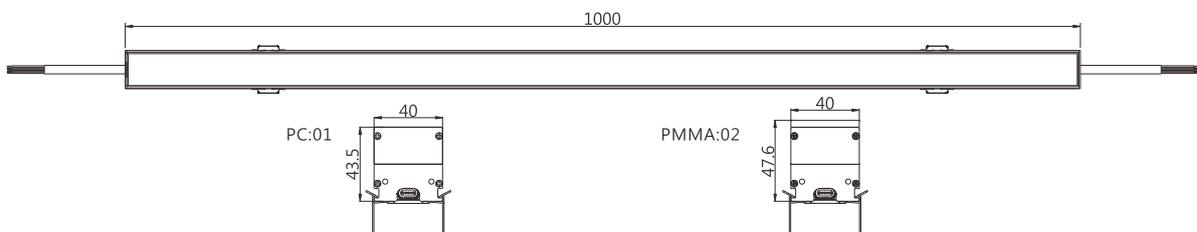
ICON



Features:

- High brightness LED soft light pixel line light, soft light without dazzle.
- High transmittance PC/PMMA diffusion mask, evenly mixed light, can realize seamless docking.
- High-quality polyurethane potting process inside, protection level up to IP66.
- The appearance can be customized according to the color of the curtain wall, so that the product can be better integrated into the building.
- The bottom concealed wire outlet makes the whole more neat and tidy after installation.
- DC24V power supply ensures effective transmission of power and signal and low line loss.
- Single power circuit can be connected 10 meters in series, reducing wiring and wiring, and reducing construction difficulty in construction.

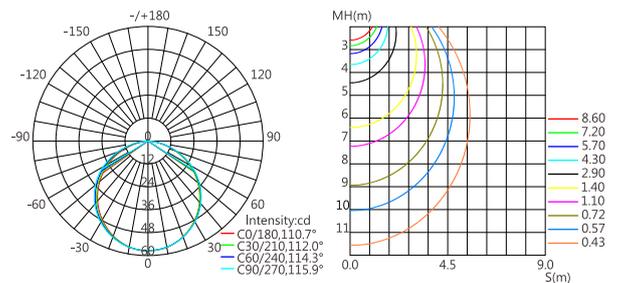
Dimension Details: Unit:mm



Photometry:

- Lamp Source : CREE SMD 3535
- Beam Angle (50%) : 110°

Average Beam Angle (50%): 113.2°degree Isolux Curve (lx)



Note: Test data is based on CX3B-W1000-0048CTA-00 only.

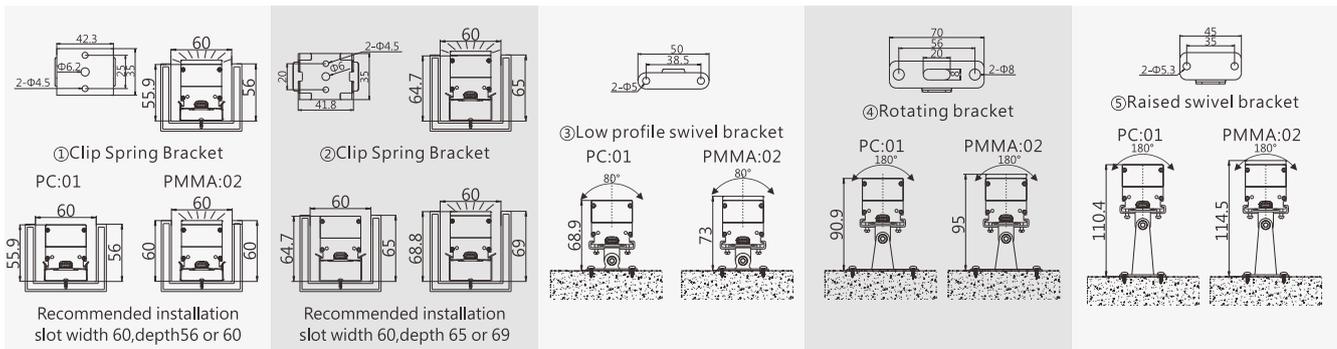
Beam Angle Curve:



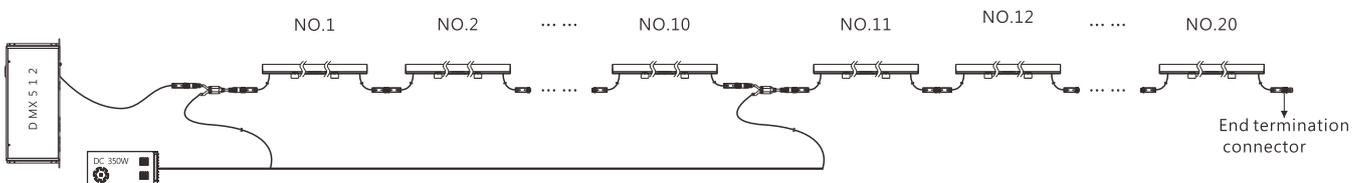
Technical Specification:

LED Type	CREE / OSRAM / LUMILEDS SMD					
LED Quantity	48 pcs	96 pcs (48 RGB+48 W)	48 pcs(4in1)	60 pcs	120 pcs (60 RGB+60 W)	60 pcs(4in1)
Power Rating(MAX, ±10%)	14.4 _(Monochrome) /13.2 _(RGB) W	13.8W	15.4W	18 _(Monochrome) /16.6 _(RGB) W	17.3W	19.2W
Luminous Flux	690 lm@3000K	360 lm	340 lm	860 lm@3000K	450 lm	420 lm
Luminous Efficacy	48 lm/W	26 lm/W	22 lm/W	48 lm/W	26 lm/W	22 lm/W
Grayscale Level	8bit*3 _(256*256*256) 16bit*3 _(65536*65536*65536)	8bit*4 _(256*256*256*256) 16bit*4 _(65536*65536*65536*65536)	8bit*3 _(256*256*256) 16bit*3 _(65536*65536*65536)	8bit*4 _(256*256*256*256) 16bit*4 _(65536*65536*65536*65536)	8bit*3 _(256*256*256) 16bit*3 _(65536*65536*65536)	8bit*4 _(256*256*256*256) 16bit*4 _(65536*65536*65536*65536)
Beam Angle	110°					
Input Voltage	DC24V					
Environmental Conditions	-40°C~50°C(Temperature) / 10%~95%RH(Humidity)					
Material (Housing)	High strength tensile aluminum					
Cable Type	Signal/power: Outdoor special rubber sheathed cable					
Specification Size(without bracket)	1000*40*43.5(PC mask)/47.6(PMMA mask)mm					
Weight	1kg					
Number of Pixel Dots	8/16	4+4/8+8	8/16	10	5+5/10+10	10
Control Type	DMX512					
IP Rating	IP 66					
Life Span	≥50000Hours					
Application	Outdoor					
Luminous flux						
6500K	750 lm Ra 80	-	-	930 lm Ra 80	-	-
5700K	750 lm Ra 80	-	-	930 lm Ra 80	-	-
5000K	720 lm Ra 80	-	-	900 lm Ra 80	-	-
4000K	720 lm Ra 80	-	-	900 lm Ra 80	-	-
3000K	690 lm Ra 80	-	-	860 lm Ra 80	-	-
2700K	550 lm Ra 80	-	-	680 lm Ra 80	-	-
2200K	510 lm	-	-	630 lm	-	-
Red	150 lm	-	-	185 lm	-	-
Green	490 lm	-	-	610 lm	-	-
Blue	170 lm	-	-	210 lm	-	-
RGB	160 lm	-	-	200 lm	-	-
RGB+W	-	360 lm	340 lm	-	450 lm	420 lm

Installation Details: Amount of bracket: 2PCS/pcs Unit: mm



System Schematic Diagram: Note: The luminaire is 48-lamp RGB with 8 pixel points per luminaire.



Note: The lighting fixtures are 48 RGB lamps with a power of 12W. Each lamp has 8 pixels and a single end output of ≤ 500mm.

The main wire diameter of the power cord is 4mm². Line length ≤ 20m, power line to head light length not exceeding 15 meters, terminal voltage ≥ 20V.

The signal line uses CAT5, and the distance from the controller to the tail light should not exceed 100 meters. If it exceeds 100 meters, a signal amplifier needs to be added. Under the standard DMX512 protocol, the number of connections for each signal circuit light fixture (three channels) cannot exceed 170 pixels.

- The power connection section is for reference only and is subject to actual site conditions.
- Product specifications are updated, if you need, please contact us!