

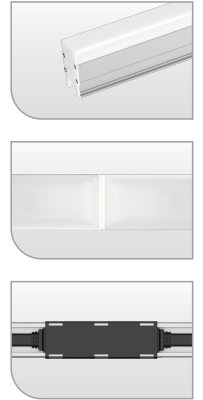
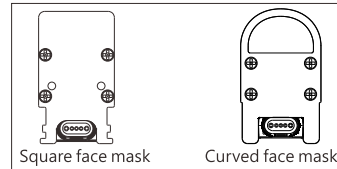
CX3A

CX Series Linear Lamp

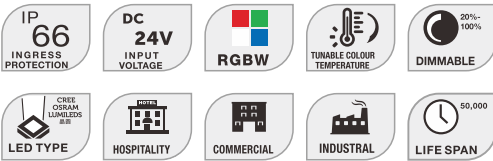
CX SERIES CX3A



The following masks are available for selection



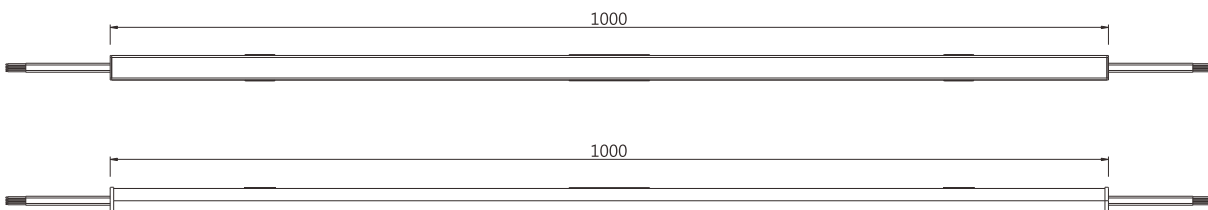
ICON



Features:

- High brightness LED soft light pixel line light, soft light without dazzle.
- High transmittance PC 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

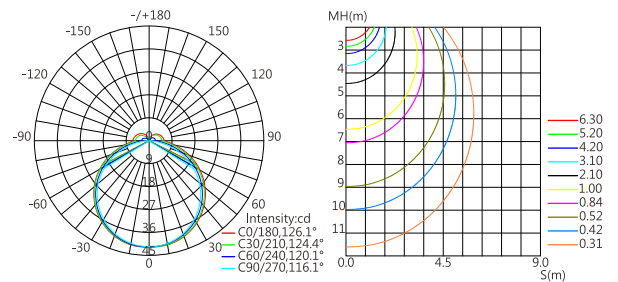


Photometry:

- Lamp Source : CREE SMD 3535
- Beam Angle (50%) : 120°

Average Beam Angle (50%): 121.6°degree

Isolux Curve (lx)



Note: Test data is based on CX3A-W1000-0048CTA-00 only.

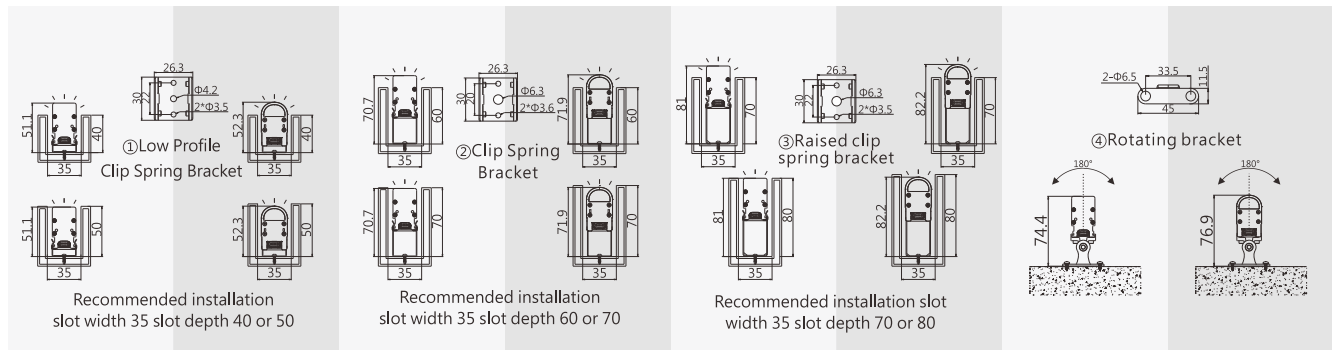
Beam Angle Curve:



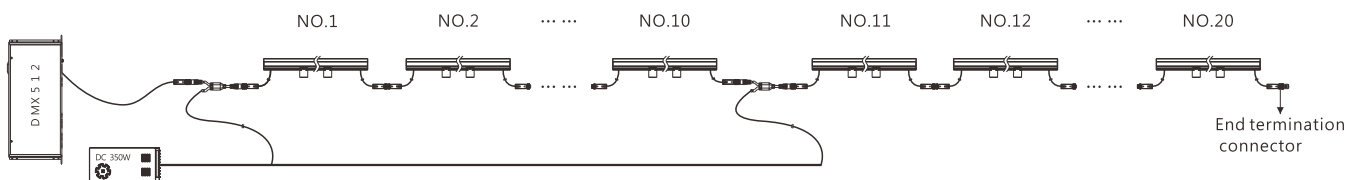
Technical Specification:

LED Type		CREE / OSRAM / LUMILEDS /Wafers				
LED Quantity	48 pcs	60 pcs	48 pcs(4in1)	48 RGB+48 W	60 pcs(4in1)	60 RGB+60 W
Power Rating(MAX,±10%)	14.4 _(Monochrome) /13.2 _(RGB) W	18 _(Monochrome) /16.6 _(RGB) W	16W	16W	20W	20W
Luminous Flux	620 lm@3000K	770 lm@3000K	350 lm	440 lm	440 lm	560 lm
Luminous Efficacy	43 lm/W	43 lm/W	22 lm/W	28 lm/W	22 lm/W	28 lm/W
Grayscale Level	8bit*3 _(256*256*256)		8bit*4 _(256*256*256*256)		8bit*4 _(256*256*256*256)	
	16bit*3 _(65536*65536*65536)		16bit*4 _(65536*65536*65536*65536)		16bit*4 _(65536*65536*65536*65536)	
Beam Angle	120°					
Input Voltage	DC24V					
Environment al Conditions	-40°C~50°C(Temperature) / 10%~95%RH(Humidity)					
Material (Housing)	High-strength tensile aluminum + PC face mask (square and curved optional)					
Cable Type	Signal/power: Outdoor special rubber sheathed cable					
Specification Size(without bracket)	1000*24.6*42.9(Square face mask)/1000*27.1*45.4(Curved face mask)mm					
Weight	0.8kg					
Number of Pixel Dots	8/16	10	8/16	4+4/8+8	10	5+5/10+10
Control Type	DMX512					
IP Rating	IP 66					
Life Span	≥50000 Hours					
Application	Outdoor					
Light source color			Luminous flux			
6500K	760 lm Ra 80	950 lm Ra 80	-	-	-	-
5700K	730 lm Ra 80	950 lm Ra 80	-	-	-	-
5000K	705 lm Ra 80	880 lm Ra 80	-	-	-	-
4000K	690 lm Ra 80	860 lm Ra 80	-	-	-	-
3000K	620 lm Ra 80	770 lm Ra 80	-	-	-	-
2700K	580 lm Ra 80	725 lm Ra 80	-	-	-	-
2200K	540 lm -	675 lm -	-	-	-	-
Red	160 lm	200 lm	-	-	-	-
Green	520 lm	650 lm	-	-	-	-
Blue	180 lm	225 lm	-	-	-	-
RGB	160 lm	200 lm	-	-	-	-
RGB+W	-	-	350 lm	440 lm	440 lm	560 lm

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



System Schematic Diagram:



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!

CX-04-02-24-V4