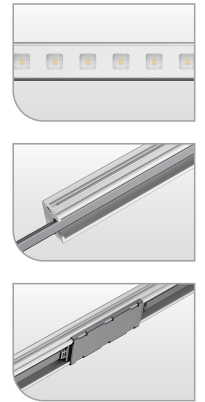


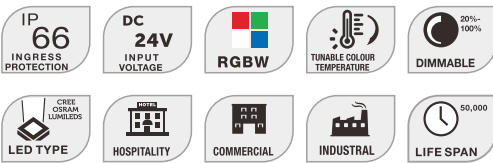
CX1A

CX Series Linear Lamp

CX SERIES CX1A



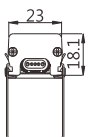
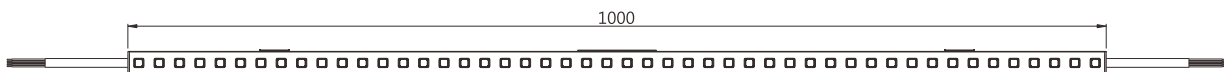
ICON



Features:

- High brightness LED video pixel line light.
- Perforated aluminum cover design, flat surface for rainwater self-cleaning, reducing internal UV aging and blocking external impact.
- Optical-grade PMMA LED cover prevents direct rainfall and reduces LED aging.
- The interior is made of high quality polyurethane potting process, and the protection level can reach 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.
- A single power circuit can be connected 10 meters in series, reducing wiring and difficulty in construction

Dimension Details: Unit:mm

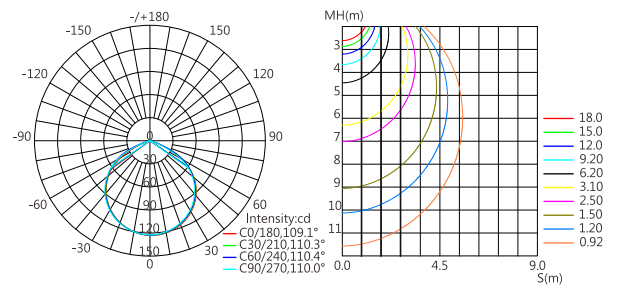


Photometry:

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

Average Beam Angle (50%): 120.0° degree

Isolux Curve (lx)



Note: Test data is based on CX1A-W1000-0048CTA-00 only.

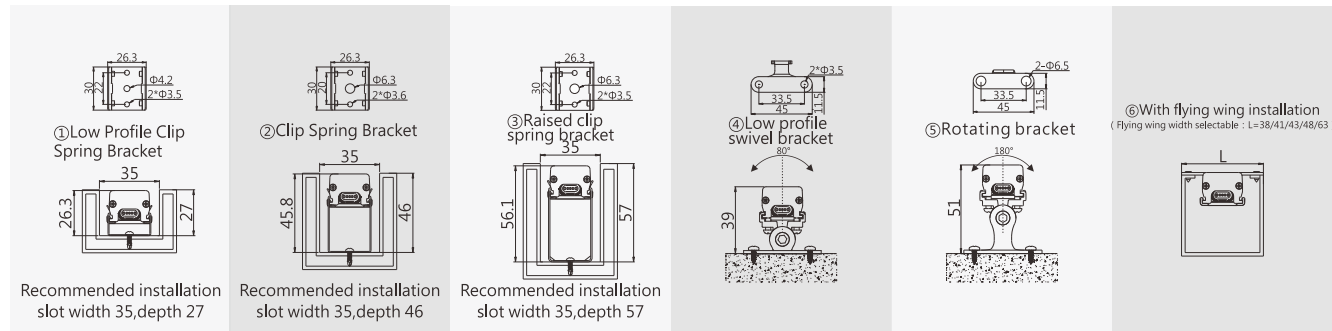
Beam Angle Curve:



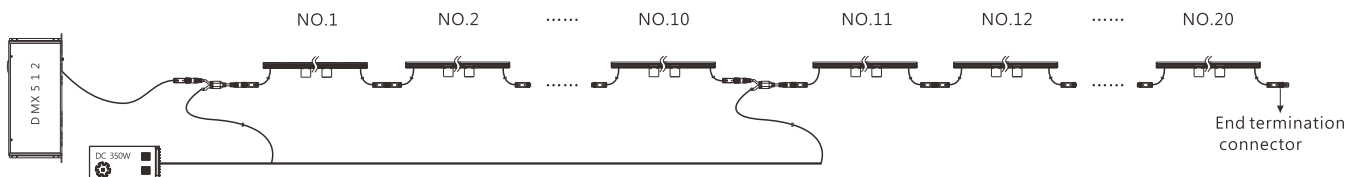
Technical Specification:

LED Type	CREE / OSRAM / LUMILEDS SMD					
LED Quantity	48 pcs	48 pcs (24 RGB+24 W)	48 pcs(4in1)	60 pcs	60 pcs(30 RGB+30 W)	60 pcs(4in1)
Power Rating(W,MAX,±10%)	14.4(monochrome)/13.2(RGB)	13.8	15.4	18(monochrome)/16.6(RGB)	17.3	19.2
Luminous Flux	1140 lm@3000K	530 lm	710 lm	1425 lm@3000K	660 lm	880 lm
Luminous Efficacy	79 lm/W	38 lm/W	46 lm/W	79 lm/W	38 lm/W	46 lm/W
Grayscale Level	8bit*3(256*256*256)	8bit*4(256*256*256*256)	8bit*3(256*256*256)	8bit*4(256*256*256*256)	8bit*3(256*256*256)	8bit*4(256*256*256*256)
Beam Angle	120°					
Input Voltage	DC24V					
Environment al 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*23*18.1mm					
Weight	0.6kg					
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					
Light source color	Luminous flux					
6500K	1230 lm Ra 80	-	-	1530 lm Ra 80	-	-
5700K	1210 lm Ra 80	-	-	1510 lm Ra 80	-	-
5000K	1180 lm Ra 80	-	-	1470 lm Ra 80	-	-
4000K	1160 lm Ra 80	-	-	1450 lm Ra 80	-	-
3000K	1140 lm Ra 80	-	-	1425 lm Ra 80	-	-
2700K	1125 lm Ra 80	-	-	1400 lm Ra 80	-	-
2200K	1050 lm -	-	-	1310 lm -	-	-
Red	290 lm	-	-	360 lm	-	-
Green	950 lm	-	-	1180 lm	-	-
Blue	330 lm	-	-	410 lm	-	-
RGB	350 lm	-	-	430 lm	-	-
RGB+W	-	530 lm	710 lm	-	660 lm	880 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-04-01-24-V4