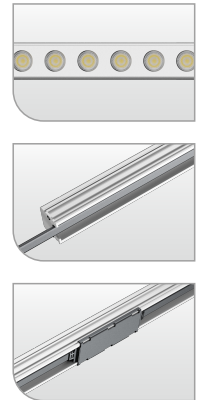


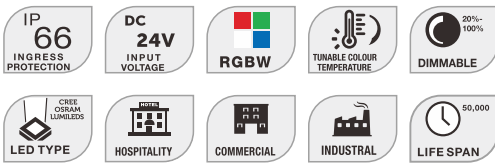
CX2A

CX Series Linear Lamp

CX SERIES CX2A



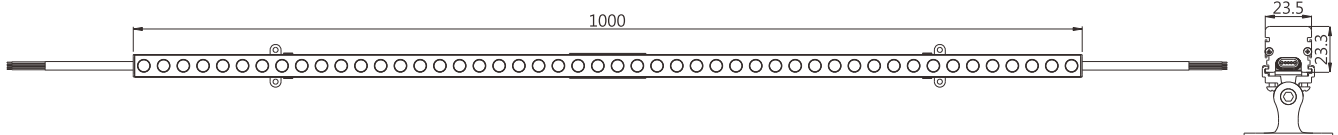
ICON



Features:

- High brightness LED small power linear wall washer light, wall washing height up to 1~2.5m Perforated aluminum cover design, flat surface, can realize rainwater self-cleaning, reduce internal UV aging, blocking external impact.
- Modular anti-glare baffle plate, can realize quick disassembly and installation on site.
- High-quality polyurethane encapsulation technology is used inside, and the protection level can reach IP 66.
- 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 Difficult construction.

Dimension Details: Unit:mm

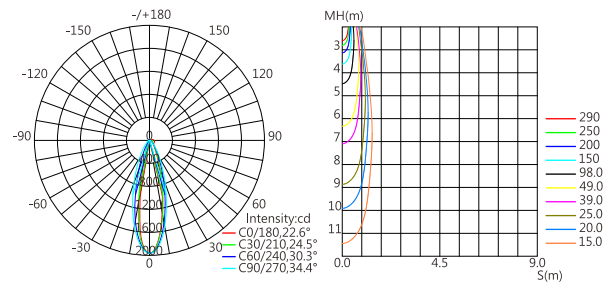


Photometry:

- Lamp Source : SMD 2835
- Beam Angle (50%) : 25°×35°

Average Beam Angle (50%): 28°degree

Isolux Curve (lx)



Note: Test data is based on CX2A-W1000-0048WT0-00 only.

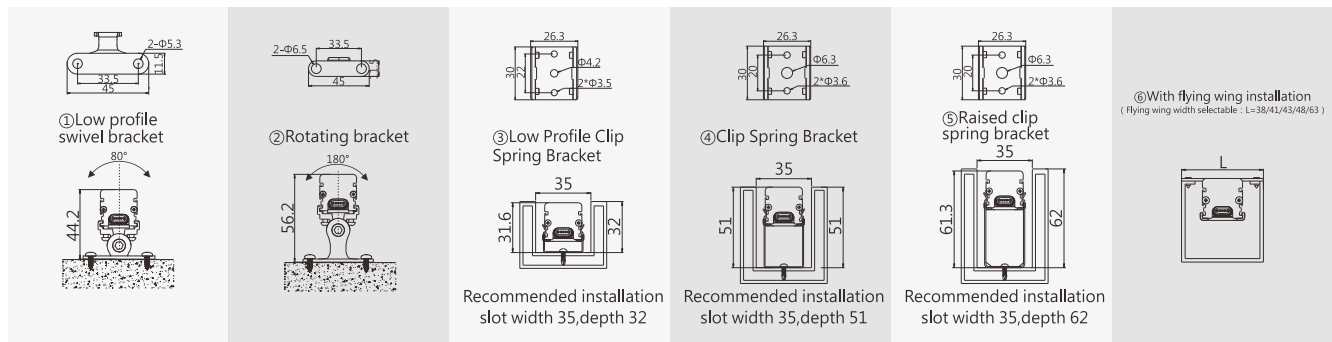
Beam Angle Curve:



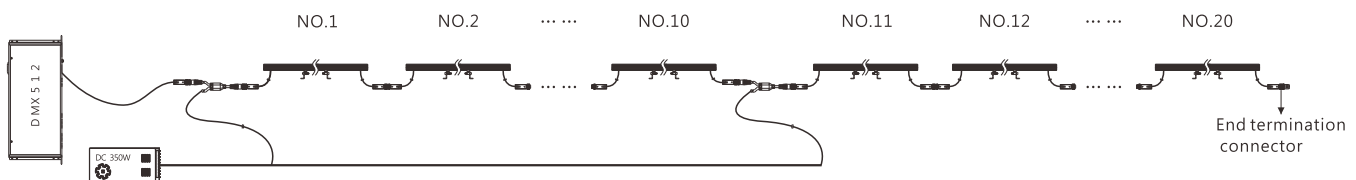
Technical Specification:

LED Type		CREE / OSRAM / LUMILEDS SMD	
LED Quantity	48 pcs	48 pcs	(24 RGB+24 W)
Power Rating(MAX,±10%)	14.4(monochrome)/13.2(RGB)W	13.8W	
Luminous Flux	1040 lm@3000K	440 lm	
Luminous Efficacy	72 lm/W	32 lm/W	
Grayscale Level	8bit*3 (256*256*256)	8bit*4 (256*256*256*256)	
	16bit*3 (65536*65536*65536)	16bit*4 (65536*65536*65536*65536)	
Beam Angle	40° (Conventional Lenses) / 25°*35° (Asymmetric Lenses) / 25° (Full color lens)		
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*23.5*23.3mm		
Weight	0.7kg		
Number of Pixel Dots	8/16	4+4/8+8	
Control Type	DMX512		
IP Rating	IP 66		
Life Span	≥50000 Hours		
Application	Outdoor		
Light source color		Luminous flux	
6500K	1120 lm Ra 80		-
5700K	1120 lm Ra 80		-
5000K	1080 lm Ra 80		-
4000K	1080 lm Ra 80		-
3000K	1040 lm Ra 80		-
2700K	1020 lm Ra 80		-
2200K	960 lm -		-
Red	250 lm		-
Green	830 lm		-
Blue	280 lm		-
RGB	340 lm		-
RGB+W	-		440 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