

LED NEON FLEX SPECIFICATION

NEON FLEX LED WALL WASHER

2323 32 LEDS/m DMX White

SPECIFICATION

Product Model : ww-2323-32leds-dmx-w

PART 1 Product Specification

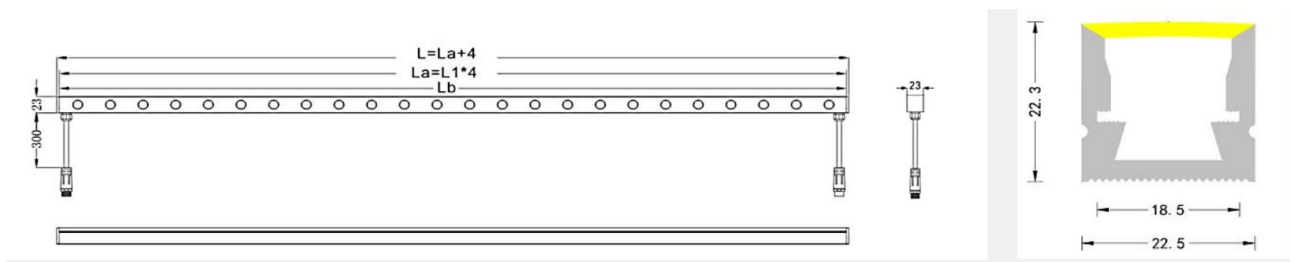


Electrical Parameters

Parameter	Value
Product Model	ww-2323-32leds-dmx-w
Power (W)	24 W
Work Voltage (V)	DC24V
Color Temperature / Color (K)	3000K/4000K/5000K/6000K
CRI (Ra)	80
Control Method	DMX512
Lamp Material	Silicone With Aluminum Alloy
Angle Of Illumination	20°/30°/40°/15*40°
Number of LED Chips (PCS)	32
Lamp Size (mm)	23(W)* 23(H)
Work Temperature (°C)	-20 °C – +50 °C
Storage Temperature (°C)	-25 °C – +60 °C
Waterproof Rating (IP)	67
Warranty (H)	>50000
Number of LED Segments	4 /Number of customizable segments

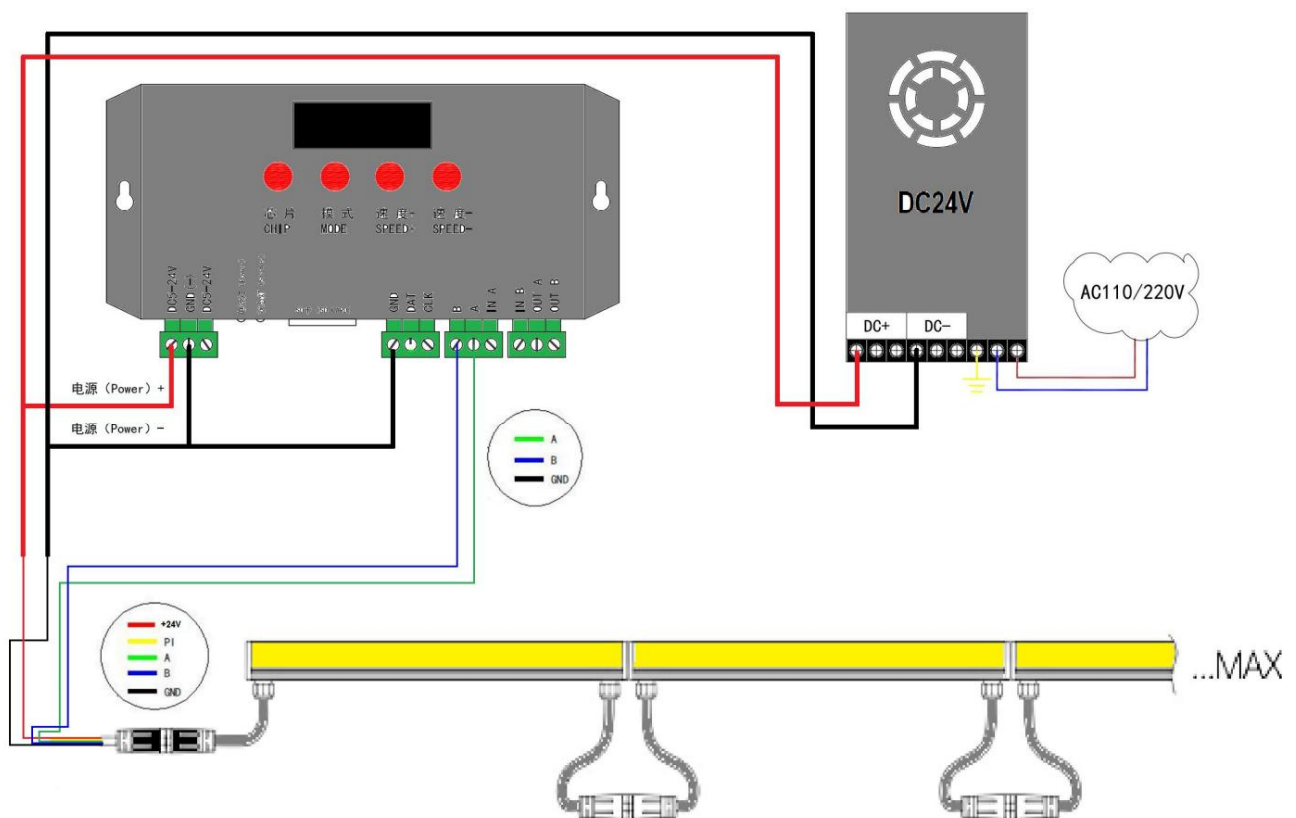
PART 2 Product Dimensions





Physical Dimensions Of Lamps

PART 3 Wiring Diagram (Sample)



PART 4 Product Features

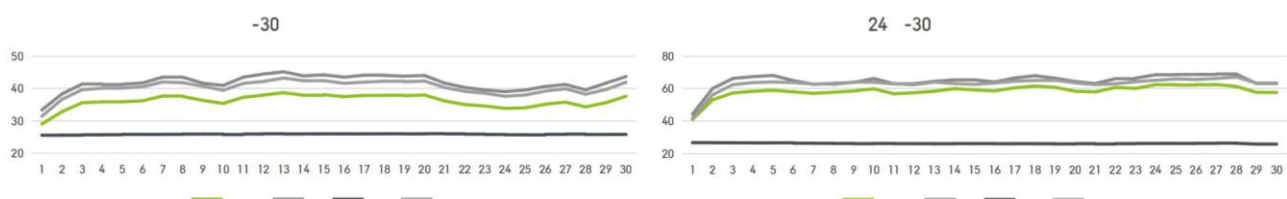
This series is specially designed for special wall profiling, supporting static single-color and DMX512 phantom color effects. Red, Green, Blue and White channels feature independent power configuration according to actual application; total power stays constant without brightness superposition to boost single-channel brightness and achieve energy saving.

Built with flexible silicone sleeve for outstanding waterproof performance. Equipped with 32 high brightness LEDs per meter to deliver even illumination and brilliant color changing effects. Customizable length from 0.5-2.5 m to match site requirements. Operates at DC24V (below human body safety voltage) for safer use.

PART 5 Data Performance

Temperature Rise Graph

- Curves below show temperature drift of each resistive element within 30 minutes after power-on.
- X-axis: time, 1 to 30 minutes.
- Y-axis: temperature of resistor, PCB, glue and ambient.



Voltmeter Readings Based on 1-5 Meter Connection Lengths

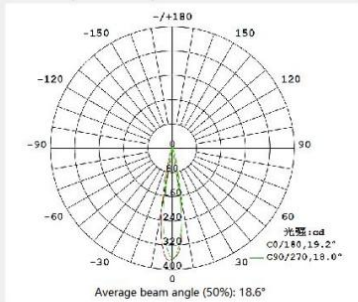
Voltage drop as a percentage of voltage over one meter (normally illuminated monochrome data)

Length (meters)	1M	2M	3M	4M	5M
Test voltage (V)	24	23.28	22.8	22.08	21.6
Percentage value (%)	0.00%	-3.00%	-5.00%	-8.00%	-10.00%

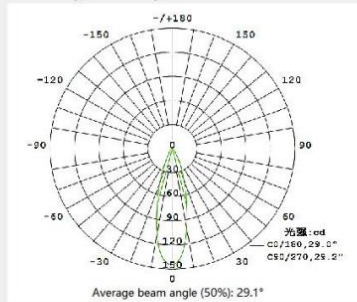
Note: Based on above data, the recommended max length is 5 m for single-color, single-end power supply to maintain uniform brightness.

PART 6 Photometric Angle Distribution

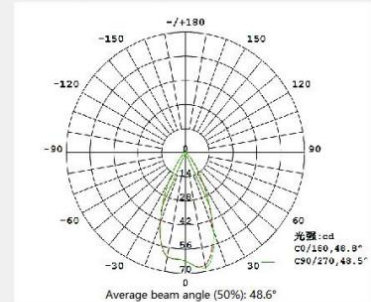
20°,24W, RGB/RGBW



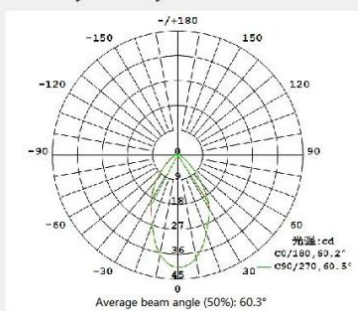
30°,24W, RGB/RGBW



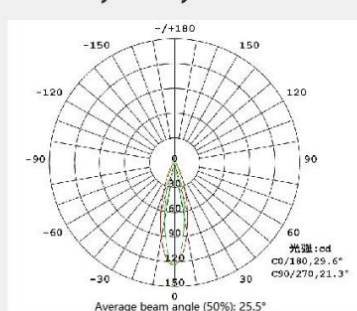
40°,24W, RGB/RGBW



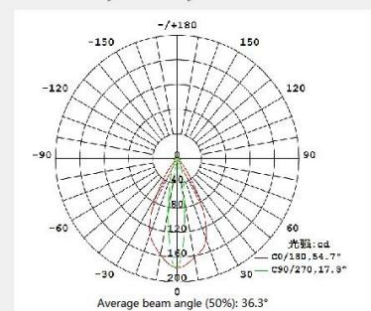
60°,24W, RGB/RGBW



20*30°,24W, RGB/RGBW

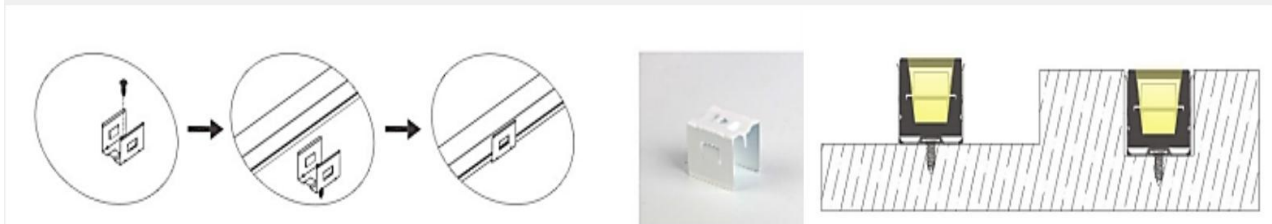


15*55°,24W, RGB/RGBW



PART 7 Installation Diagram

Schematic diagram of spring bracket and aluminum channel for flexible wall washer light

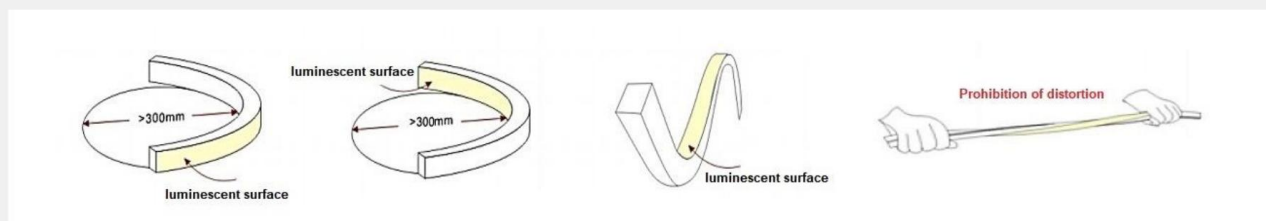


Aluminum Channel and Flexible Wall Washer Installation Schematic



PART 8 Back Bend Schematic

Side Bend Schematic



Side Bend Schematic

