

LED NEON FLEX SPECIFICATION

# NEON FLEX LED WALL WASHER

## 2323 36 LEDS/m DMX RGBW

### SPECIFICATION

Product Model : ww-2323-36leds-dmx-rgbw

#### PART 1 Product Specification

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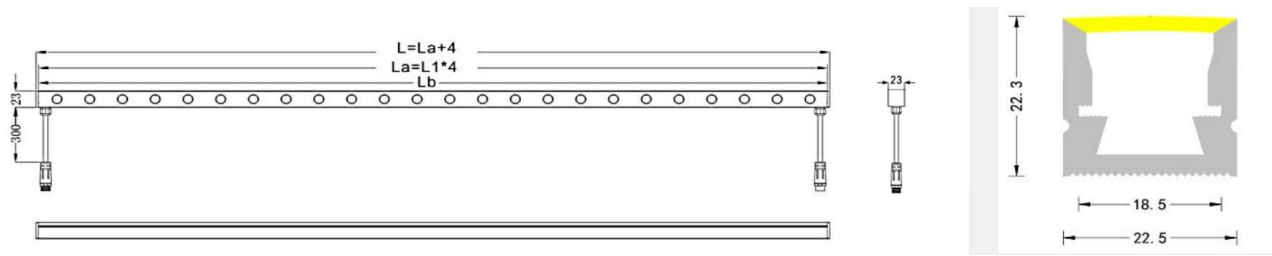


## Electrical Parameters

| Parameter                     | Value                              |
|-------------------------------|------------------------------------|
| Product Model                 | ww-2323-36leds-dmx-rgbw            |
| Power (W)                     | 24 W                               |
| Work Voltage (V)              | DC24V                              |
| Color Temperature / Color (K) | RGBW                               |
| 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)     | 36                                 |
| 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        | 6 /Number of customizable segments |

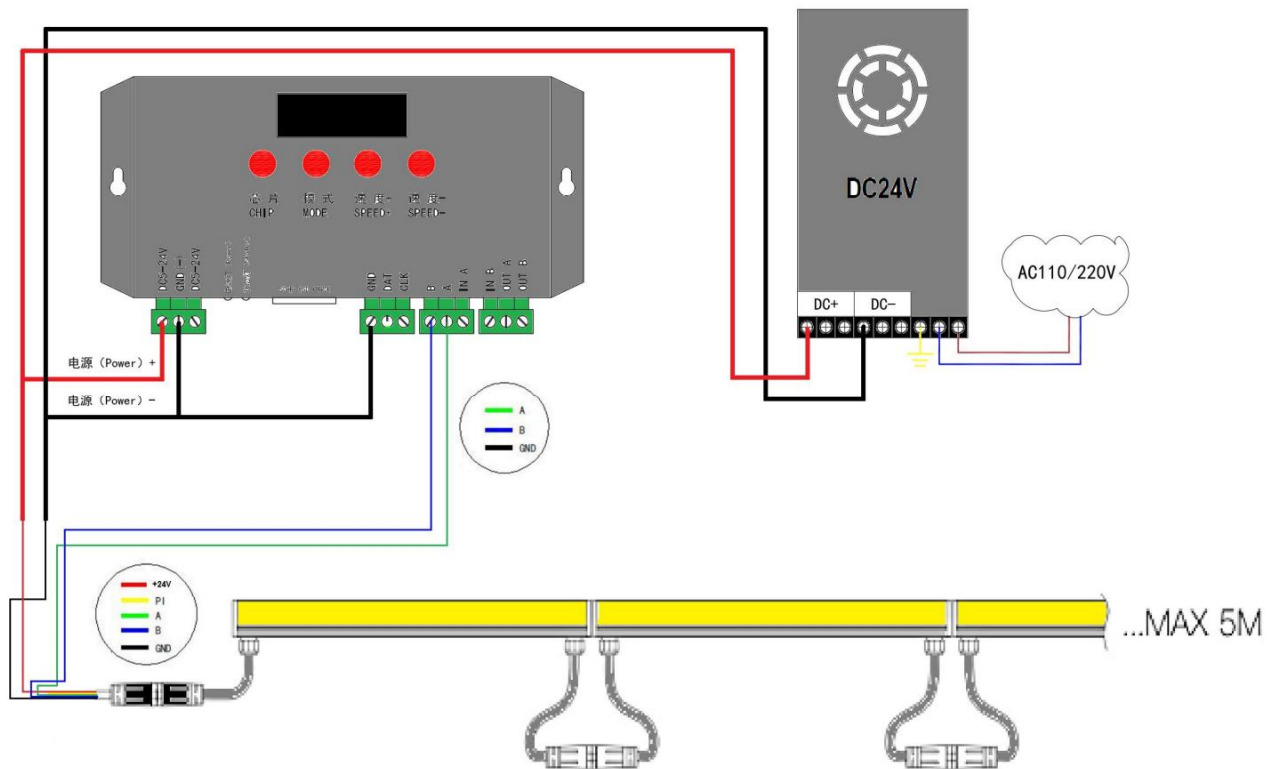
## PART 2 Product Dimensions





Physical Dimensions Of Lamps

### PART 3 Wiring Diagram (Sample)



### PART 4 Product Features

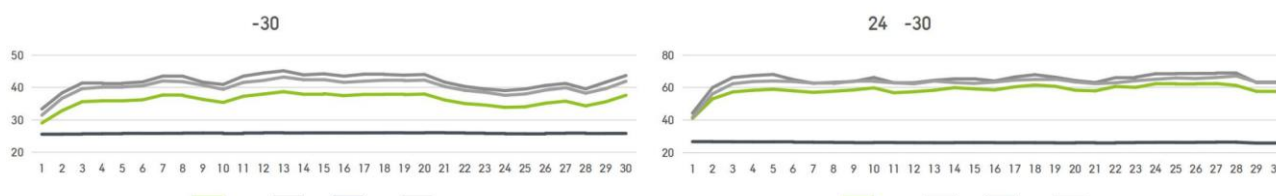
*This series is specially designed for special wall profiling, supporting static single-color and DMX512 phantom color effects. Red, Green, Blue and White channels feature independent power configuration according to actual application; total power stays constant without brightness superposition to boost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

*Built with flexible silicone sleeve for outstanding waterproof performance. Equipped with 36 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

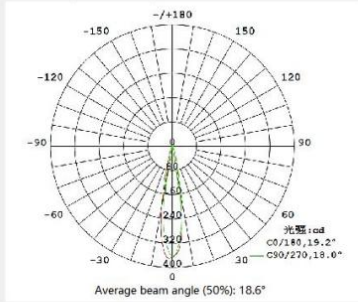
*Voltage drop as a percentage of voltage over one meter (normally illuminated monochrome data)*

| 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% |

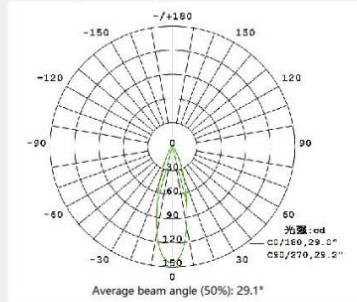
*Note: Based on above data, the recommended max length is 5 m for single-color, single-end power supply to maintain uniform brightness.*

## PART 6 Photometric Angle Distribution

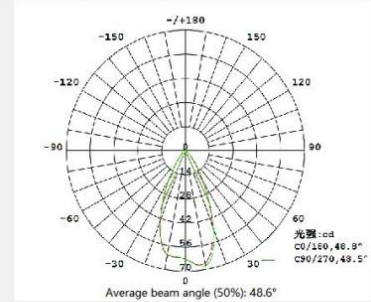
**20°,24W, RGB/RGBW**



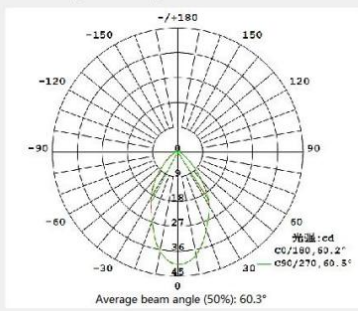
**30°,24W, RGB/RGBW**



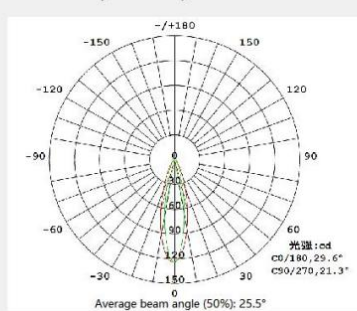
**40°,24W, RGB/RGBW**



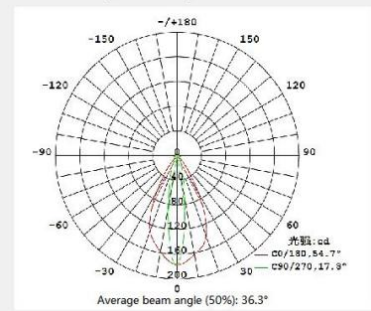
**60°,24W, RGB/RGBW**



**20\*30°,24W, RGB/RGBW**

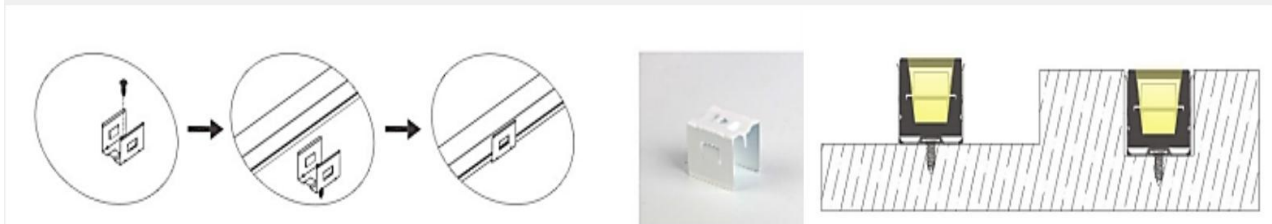


**15\*55°,24W, RGB/RGBW**



## PART 7 Installation Diagram

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

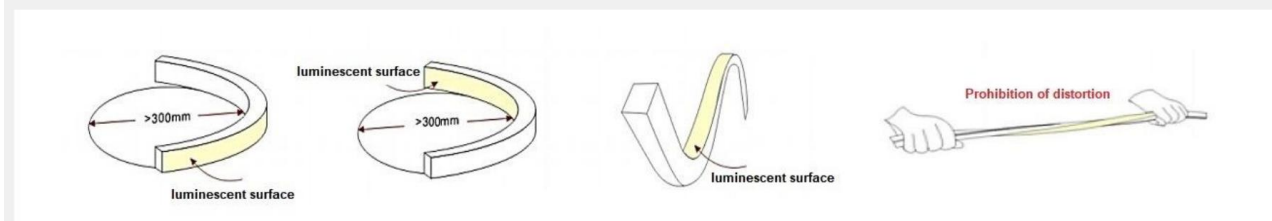


**Aluminum Channel and Flexible Wall Washer Installation Schematic**



## PART 8 Back Bend Schematic

### Side Bend Schematic



### Side Bend Schematic

