

LED NEON FLEX SPECIFICATION

NEON FLEX LED WALL WASHER

2527 24 LEDS/m WHITE

SPECIFICATION

Product Model : ww-2527-24leds-w

PART 1 Product Specification

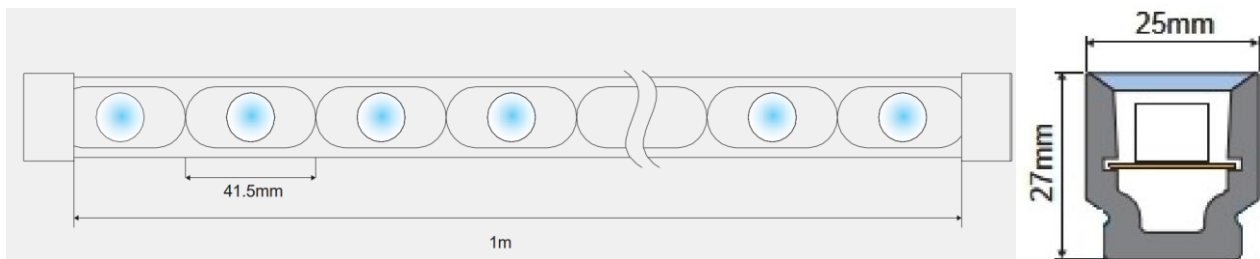


Electrical Parameters

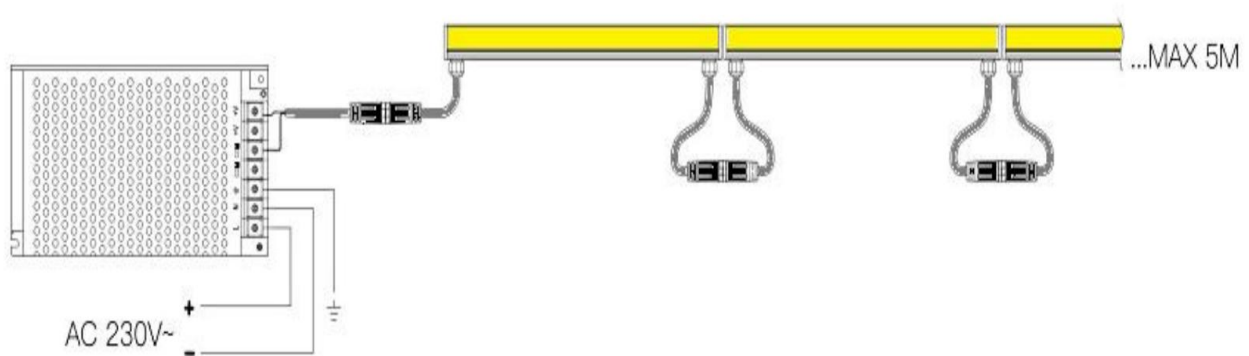
Parameter	Value
Product Model	ww-2527-24leds-w
Power (W)	24 W
Work Voltage (V)	DC24V
Color Temperature / Color (K)	3000K/ 4000K/ 5000K/ 6000K
CRI (Ra)	80
Control Method	On/Off
Lamp Material	Silicone With Aluminum Alloy
Angle Of Illumination	15°/25°/35°/20*55°
Number of LED Chips (PCS)	24
Lamp Size (mm)	25(W)* 27(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 Single Color Wiring Diagram (Sample)



PART 4 Product Features

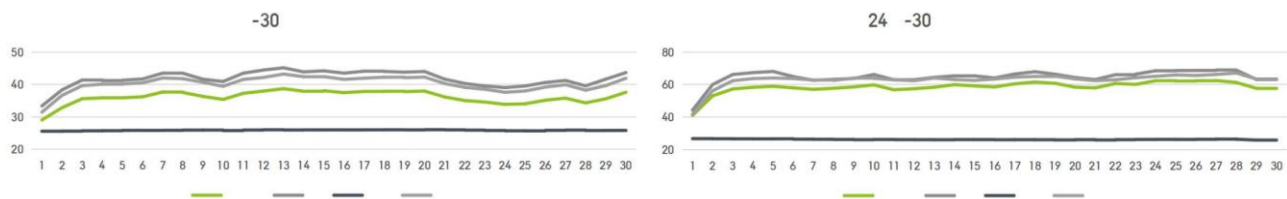
This series is specially designed for special wall profiling, supporting static single-color and DMX512 phantom color effects. Red, Green, Blue and White channels feature independent power configuration according to actual application; total power stays constant without brightness superposition to boost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

Built with flexible silicone sleeve for outstanding waterproof performance. Equipped with 24 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.



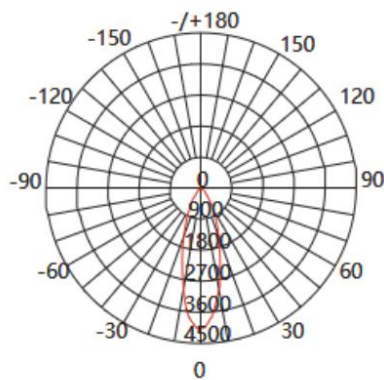
Voltmeter Readings Based on 1-5 Meter Connection Lengths

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%

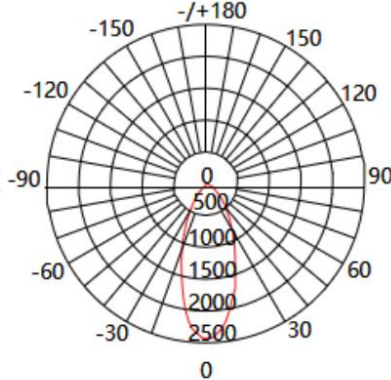
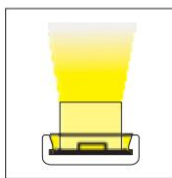
Note: Based on above data, the recommended max length is 5 m for single-color, single-end power supply to maintain uniform brightness.

PART 6 Photometric Angle Distribution



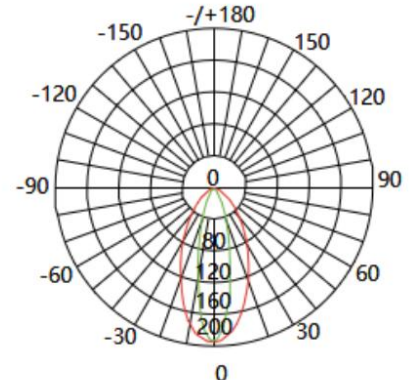
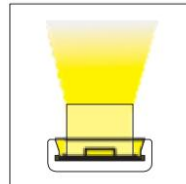
Beam Angle: 25°

25°



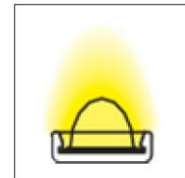
Beam Angle: 35°

35°



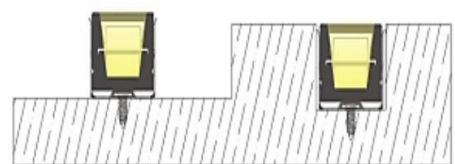
Beam Angle: 20°x55°

20°x55°

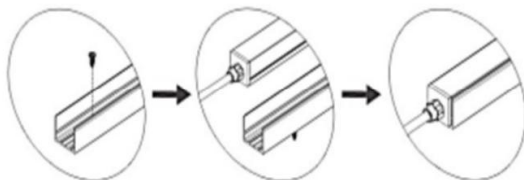


PART 7 Installation Diagram

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

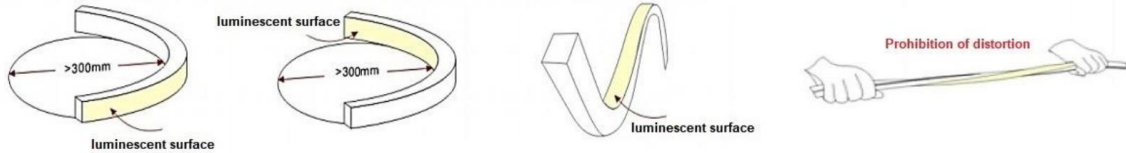


Aluminum Channel and Flexible Wall Washer Installation Schematic

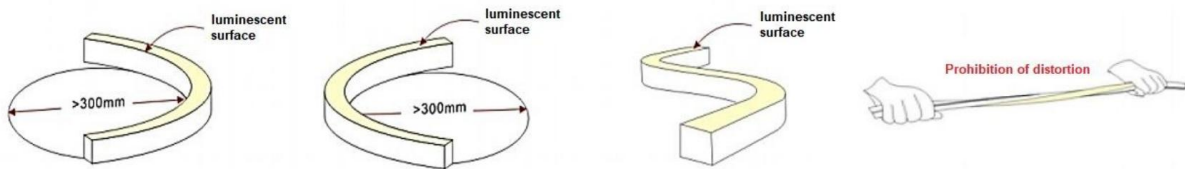


PART 8 Back Bend Schematic

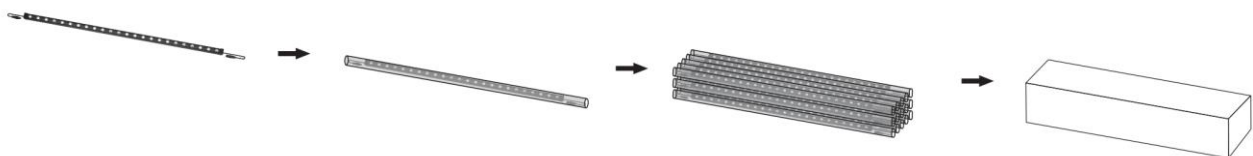
Side Bend Schematic



Side Bend Schematic



PART 9 Packaging Method



No.	Package Type	Carton size (L*W*H mm)	Packing Qty. (m)	Net Weight (kg)	Gross Weight (kg)
2527	PVC sleeve+carton	1160×240x150	20m	14	15

The above packaging quantity and weight are only for the packaging method shown in the picture. When using other packaging methods, the packaging quantity and weight will be different. The actual product shall prevail.