

1616 Anti-Glare Light Data sheet



- 1616mm Black Anti-glare Neon Flexible Light, with surface honeycomb cover design, featuring simplicity, aesthetics and high texture.
- Front and side bending, bending diameter: 300mm.
- Excellent anti-glare effect, uniform light distribution and no color difference.
- Anti-glare UGR<10
- Adopting silicone sleeve extrusion integrated molding process and molded plug integrated design & molding.
- Made of food-grade silicone material, with anti-yellowing, high temperature resistance and corrosion resistance, easy to install.

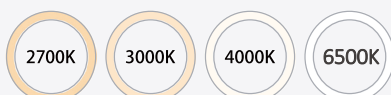
Technologies

ON/OFF

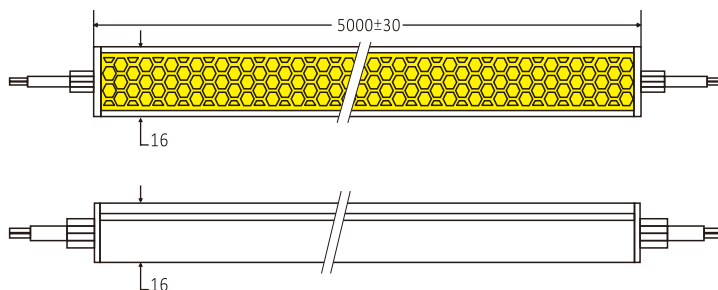
Application

- This product is suitable for engineering projects, indoor and outdoor decoration, outdoor lighting, as well as decorative lighting in buildings, hotels, shopping malls and other places.

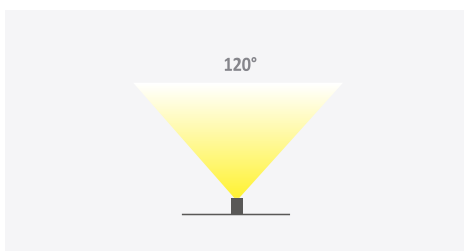
Color Options



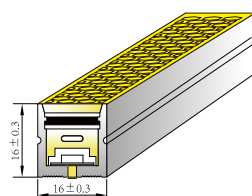
Dimensions



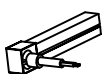
Beam Angle



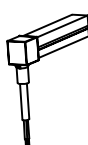
Sectional drawing



Recommended Accessories



Side exit
end cap



Bottom Exit
end cap



Direct Exit
End cap



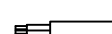
End cap



Bendable Profile



Clip



cable

Product Specifications

P/N	LED	CCT K	CRI	LEDS (m)	LUMENS (lm/m)	Vf. (V.)	Current (mA/M)	Power (W/M)	Cut Length (MM)	Max Run (M)
RL-FV2410140283512-830-FBD1616	2835	2700	80/90	140	85	24	500	12	50	5
		3000			85					
		4000			90					
		6500			90					

Other Specifications

Protection grade	IP67
Working temperature(°c)	-25~+60
Storage environment temperature (°c)	-25~+70
Standard length	5
Maximum cascade length(m)	5
weight	/

Remark

- The test environment temperature is 25±2°C;
- The above data are typical values, the actual parameters of the product may be different from the typical data; the data is subject to change without notice;
- The above "/" means that this parameter is not required for the time being.

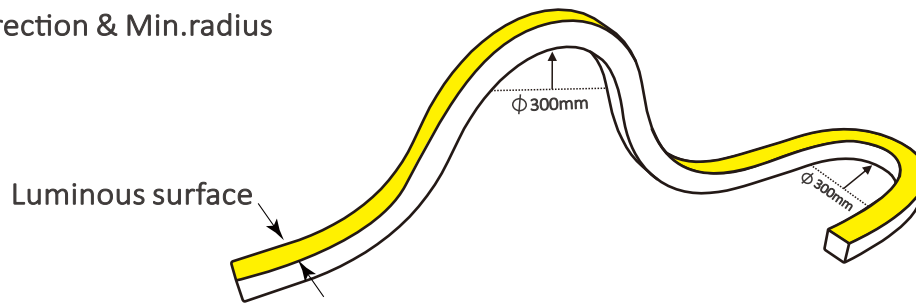
Applied Standards



Installation

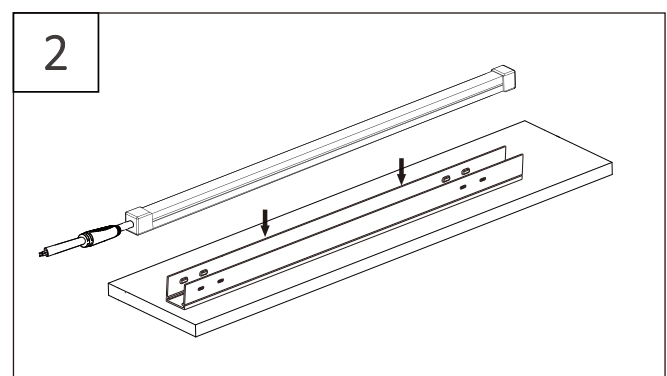
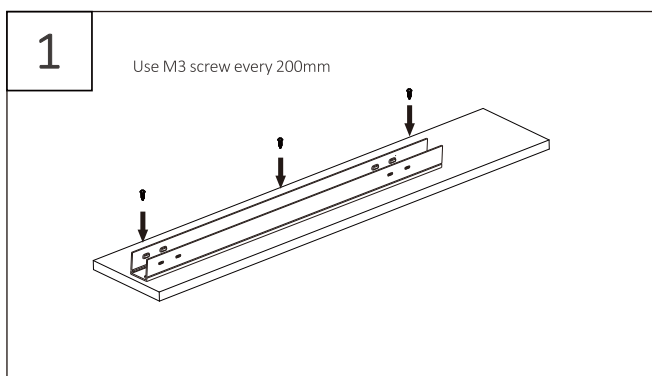
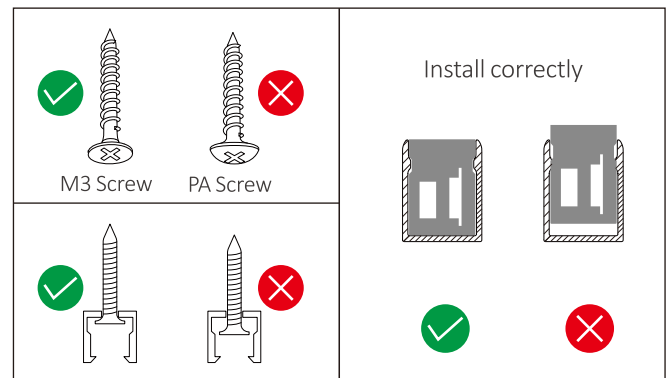
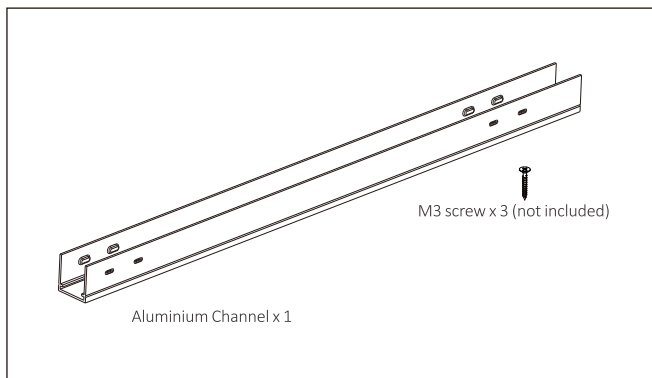
Note :Due to the different types and attributes of neon lights, please refer to the, line marks for the bending radius

Bending Direction & Min.radius

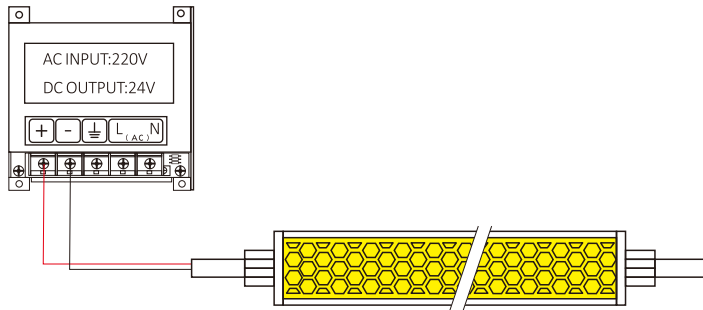


Mounting with aluminium profiles

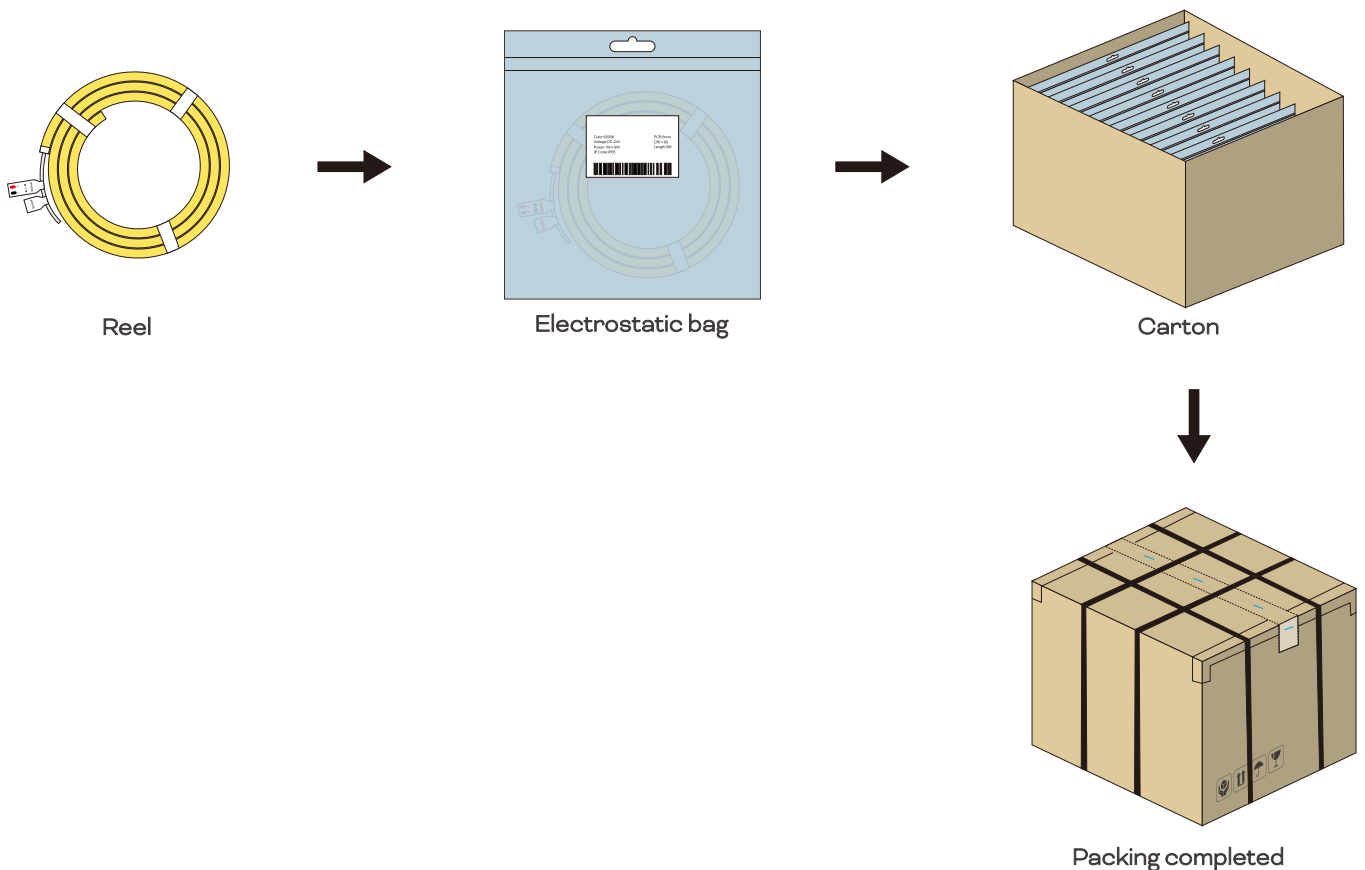
Install with the screws provided. Do not use screws of other types or sizes that do not meet requirements.



Schematic diagram of electrical connection



Package



Note : The above-mentioned packaging quantity and weight are only for the packaging method shown in the figure. There will be differences in the number and weight of packaging for other packaging methods, and the actual product shall prevail.

Common product faults and their troubleshooting methods

Fault Phenomena	Possible Causes	Troubleshooting Methods
All lights off	1.Mains power failure	Power on
	2.Open circuit or short circuit at switching power supply output triggering auto-protection	Troubleshoot and restore power
	3.Reverse polarity at LED strip power input	Check wire connection status to ensure correct polarity
Partial lights off	1.Partial switching power supply failure	Inspect power supply system and resolve faults
	2.Wiring error in partial LED strip circuits	
	3.Reverse polarity in partial LED strips	Correct wiring
LED uneven brightness or insufficient brightness	1.Power supply overload	Replace with higher-power supply according to load
	2.Excessive line loss in switching power circuits or significant line loss discrepancies	Maintain LED strip operating voltage within $\pm 5\%$ of rated voltage 1.Shorten power cable length between power supply and LED strip or use larger gauge wires; 2.Ensure number of LED strips per circuit $\leq$ max allowed cascading quantity and keep cascading quantities similar per circuit).
	3.Excessive serial connection of LED strips	Adjust LED strip quantity per power branch to meet max allowed cascading requirements per circuit
LED flickering	1.Poor contact at connection points	Identify and resolve poor contact points
	2.Switching power supply malfunction	Replace switching power supply



Notice

- If the external flexible cable of this product is damaged, the cable must be replaced by the manufacturer or similarly qualified personnel to prevent hazards.
- For specific installation arrangements and precautions, refer to the product user manual.
- Data in this specification is based on standard products. Actual delivered products may vary, subject to physical measurements.
- All product diagrams in this specification are schematic diagrams. Actual delivered products may differ, subject to physical objects.
- Technical modifications may be implemented without prior notice.
- Shenzhen Meishang Lighting Co., Ltd. reserves the final interpretation rights of this manual.



Specialized
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