

PRODUCT DATA SHEET

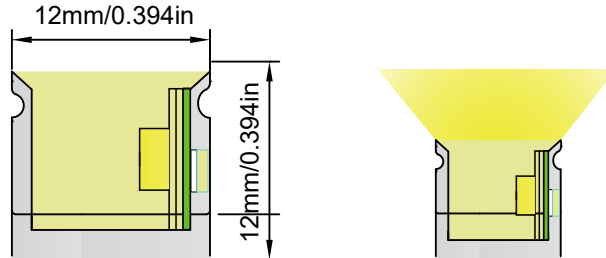
SIDE BEND NEON FLEX

12X12MM (Square Shape)



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Product Features



1. 12*12mm middle standard size, with side view uniform light.
2. Single-end power, stable for 10m runs.
3. High quality silicone, corrosion resistance, anti-yellowing.
4. Good flexibility, good bending, easy modeling and anti-pulling force.
5. Silicone extrusion process, IP67 protection level.
6. Applied for indoor&outdoor decorative lighting and architectural outline lighting etc.
7. LED lifespan up to 30,000 hours, 3-year warranty.

Data

Part Number	Working Voltage	Power	Current	LED Qty	CRI
ARC-SB-MININEON-CCT	24V	13.44W/m	0.615A/m	168LED/m	90+
		4.097W/ft	0.187A/ft	≈51LEDs/ft	

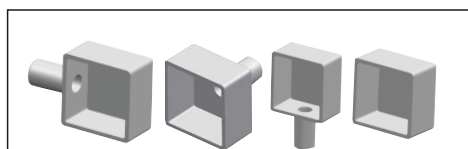
CCT (°K)	Luminous Efficiency	Lumen/m	Maximum Length
1800K(6.72W)	32lm/W	215lm/M(65lm/ft)	5M(16.4ft)
3500K(13.44W)	35lm/W	515lm/M(157lm/ft)	5M(16.4ft)
6500K(6.72W)	48lm/W	320lm/M(97lm/ft)	5M(16.4ft)

Note:

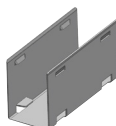
1. The data base on IP67 Neon Flex.
2. The wattage tolerance $\pm 10\%$
3. The Lumen output value tolerance $\pm 5\%$ due to testing way.
4. The CCT tolerance $\pm 5\%$

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Regular Installation Accessory



A
End cap (Side/Straight/Bottom
/No wire layout) S1212



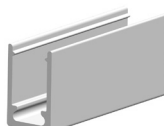
B
Stainless steel clip S1212



C
Stainless steel round hoop



D
Straight type stainless steel
buckle belt S1212

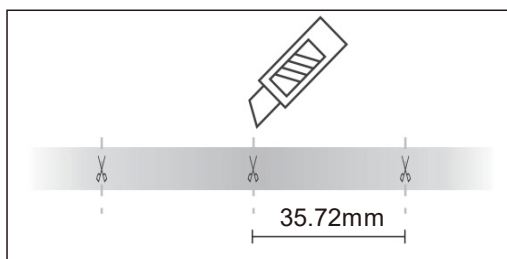


E
Aluminum clip S1212

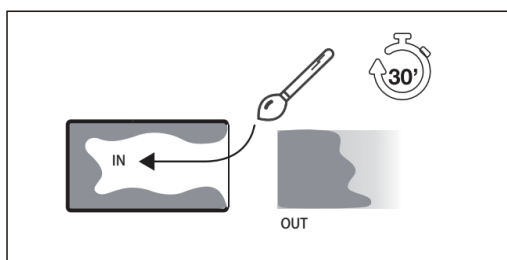


F
Aluminum groove S1212

Installation accessories

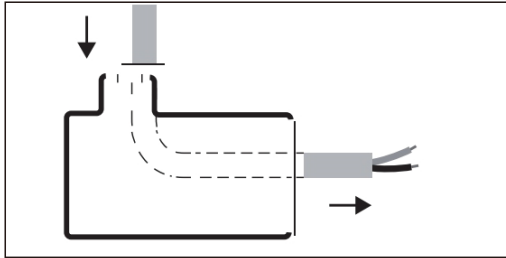


1. Cut according to the required length. The strip has a mark every 35.72mm. Cut at the mark position.

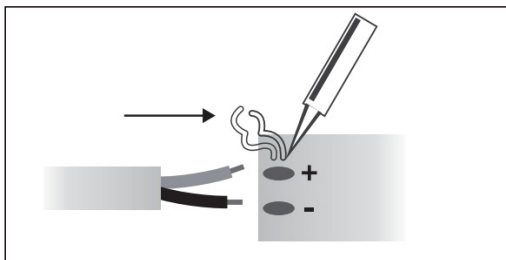


2. At the end of the outlet line, the inside of the plug and the outside of the strip are coated with special silica gel adhesive, and then put into the lamp band and use after 30 minutes.

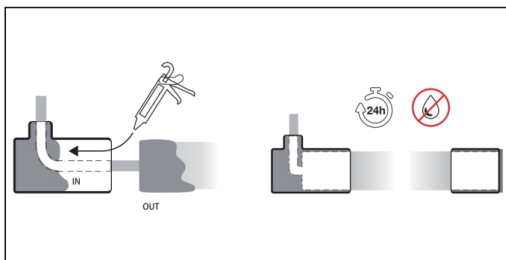
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3. Need outlet: penetrate wire into the plug hole to the other end of the plug.



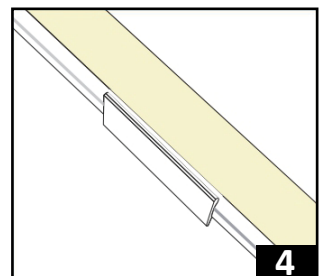
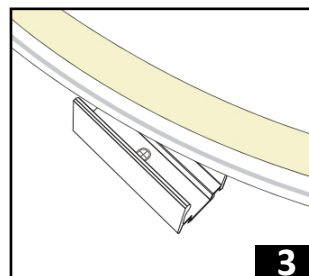
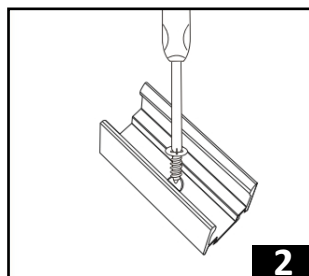
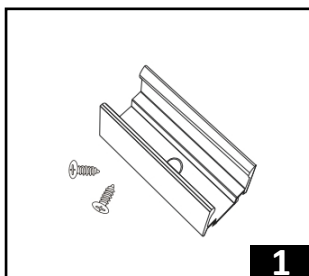
4. Find the soldering pad on the back of led strip, and solder the wire to the led strip. Make sure the pole is correct.



5. After above 4 procedures, sticking the end cap on neon flex with special silicone glue, and let it stand at least 1 hr before using.

Installation of fix clip

Find the right screw to ensure that the head of the screw is not too high. Fix the fastener in the desired position. Finally, clip the strip in the slot.



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Wiring Diagram Application

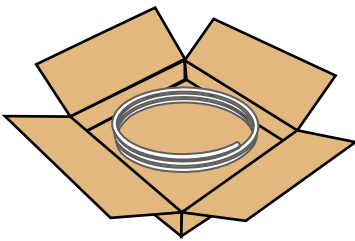


Packaging

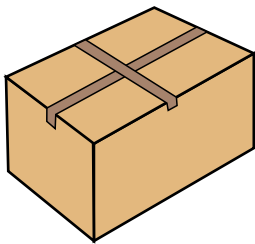
5m reel+Anti-electrostatic bag+Carton packaging



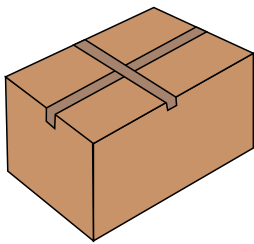
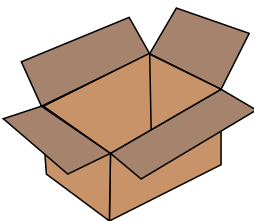
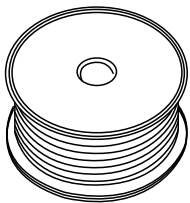
20m reel



Carton packaging



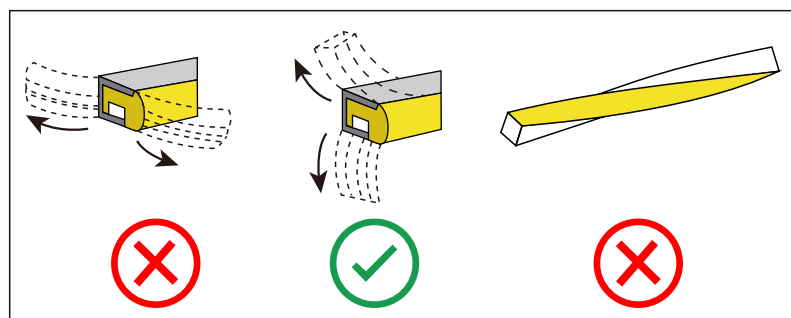
5m reel+Anti-electrostatic bag+Carton packaging



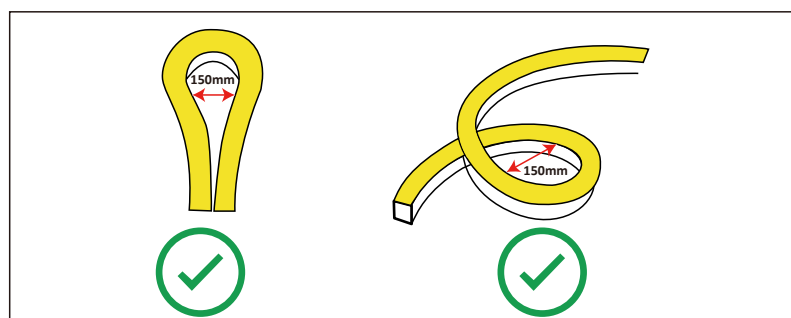
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Attention

1. This product uses low voltage DC power supply, must use AC-DC switch. Use the power supply after voltage conversion! It is strictly forbidden to directly connect the LED light bar with AC 110V or AC 220VAC mains voltage connection, otherwise it will damage strip, and may cause a safety accident!



2. Bending direction requirements.
Bending neon strip is required to bend along the upper and lower directions of the cross section, bending in the left and right directions of the cross section or seriously twisting will damage the strip.



3. Minimum bending diameter:
The minimum bending diameter of curved neon strip is not less than 150mm, and the bending diameter is less than 150mm, which will easily damage the strip. Left and right directions of the cross section or seriously twisting will damage the strip.

4. During installation and use, there is a possibility of soiling the light strip.

You can use a cotton cloth, dip it in clean water or sprinkle it, and gently wipe the dirty location to clean it.

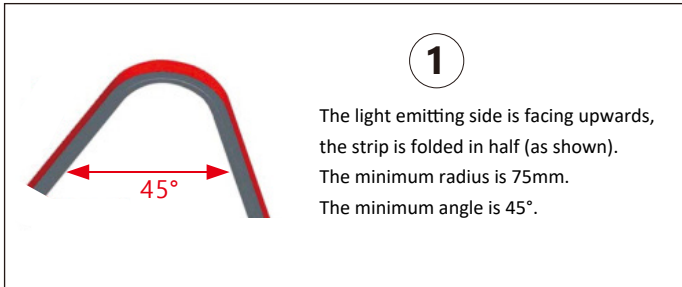
5. Do not touch the product by means of heavy knocking or hammering;

Do not pull the lamp belt forcefully to avoid breaking the FPC in the product.

Do not pull the power cord forcefully to avoid the disc falling off; Pay attention to the wiring.

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Angle



During installation and use, there is a possibility of soiling the light strip. You can use a cotton cloth, dip it in clean water or sprinkle it, and gently wipe the dirty location to clean it.

Safety & Disclosures

1. Do not install the neon flex in environment where excessive heat may occur.
2. Do not extend beyond the recommended maximum run length.
3. Only use copper wiring. Use wires rated for at least 176°F(80°C) and certified for use with external connection of electrical equipment.
4. Excessive handling, bending, and pressure may damage the product, influence the warranty.
5. Improper wire selection and installation could overheat wires, and cause fire.
6. Do not connect directly to high voltage or AC power.
7. Installation must be in accordance with local and national electrical code regulations.
8. To ensure safety and correct installation, our strips are intended to be installed by a qualified licensed electrician.