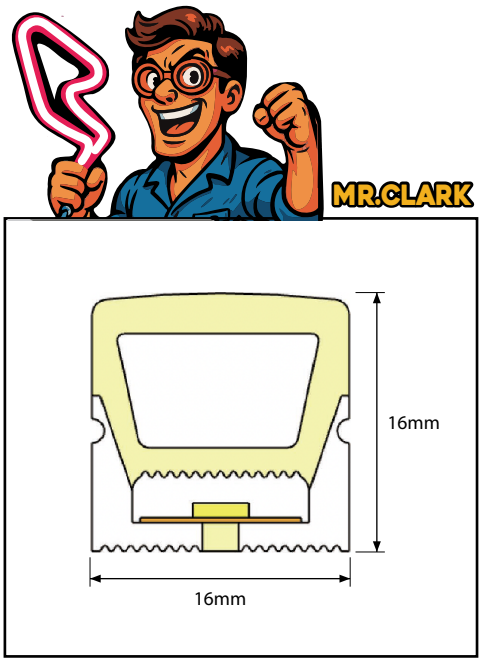
UPDATE DATE 17.10.2026

NO:1616R Silicone Neon LED Datasheet





Neon LED Technical Drawing

Technical Details

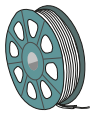
Power	7.5 - 8W
Voltage	12 VDC or 24 VDC
CRI	80 or 90
Led Qty	120 Led / Mt
Length/Reel	10 Mt
Working Temperature	-25~60°C
Storage Temperature	-30~80°C
Addressable DMx512-SPI Animated	

Sample Product Images



Features

- IP67
- %100 Silicone
- High Efficiency LEDs with long life-span up to 50.000h
- Ultra-Flexible, unbreakable light body
- Easy to be cut, bent and shaped to various shapes.
- Eco-friendly with low power consumption
- Various colors available
- High efficiency lighting with low heat generation and enhanced safety.
- Durable, low maintenance cost.
- Can stretch due to heat and cold.
  It can expand and contract with temperature changes.
- You can bend it at an angle opposite to the direction of the light.
  It can be bent both in the direction of the light and against it, with a minimum bending diameter of 600mm.
- Made from 100% pure silicone, it offers superior flame resistance and long-lasting clarity without the yellowing typical of standard plastics.


10 MT



WATERPROOF


FIREPROOF



SILICONE



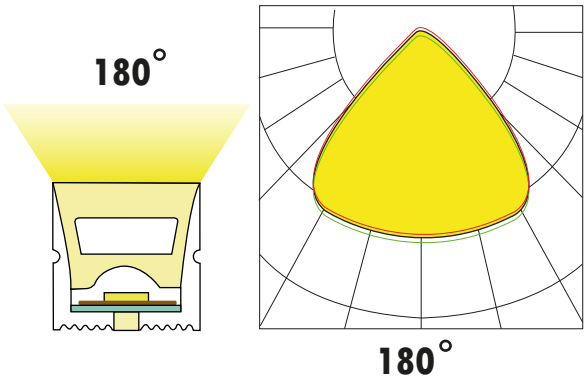
WARRANTY

Color Temperature

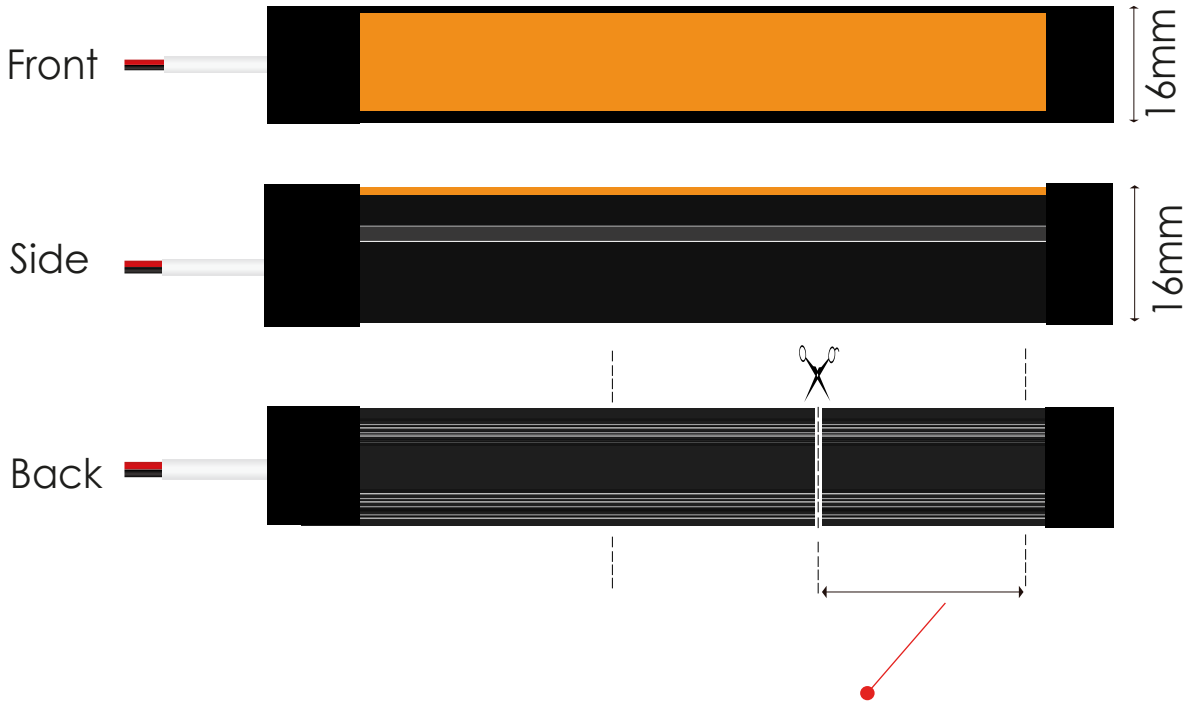
- 2700K
- 3000K
- 4000K
- 5000K
- 6500K
- 10000K

Light Distribution

LUMINOUS INTENSITY
DISTRIBUTION DIAGRAM



Dimension



Cuttable Neon LED

Easy Cutability
25mm Cutting on 12V DC Product
50mm Cutting on 24V DC Product



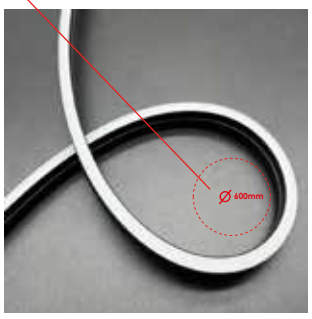
Waterproof Neon LED

IP 67 Waterproof



Bendable Neon LED

Extremely flexible design easily bendable and shapeable without cracking.
Can Be Bent Up To A
Minimum Diameter Of 600mm

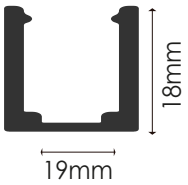


Accessories Specification

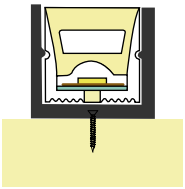
Name	Quantity
End cap	2pc/ Package
End cap with hole	2pc/ Package
Clips	Extra
Screw	Extra



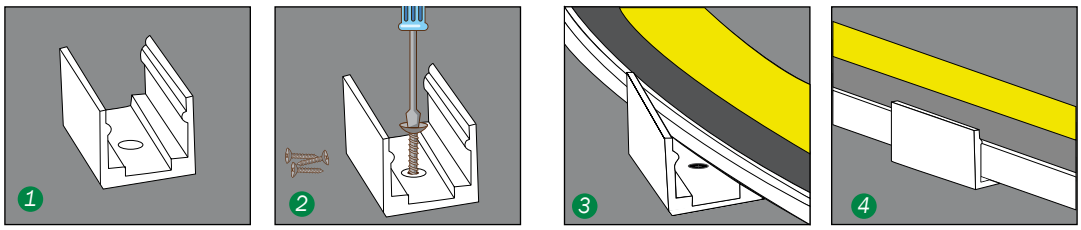
Section diagram



Install



Installation part dimension



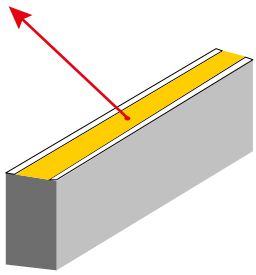
Packing

(P)Package/MT	QTY / CTN	G.W / CTN(KG)	CTN Size(mm)
1x10mt	5x10mt	18	320x320mm

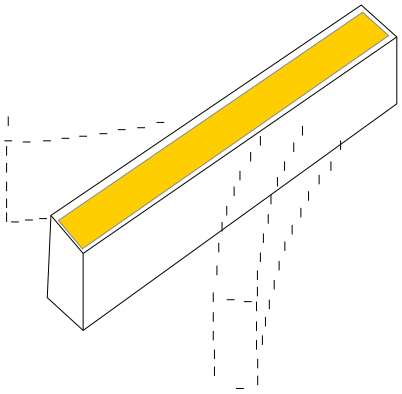


MINIMUM NEON LED BENDING DIAMETER

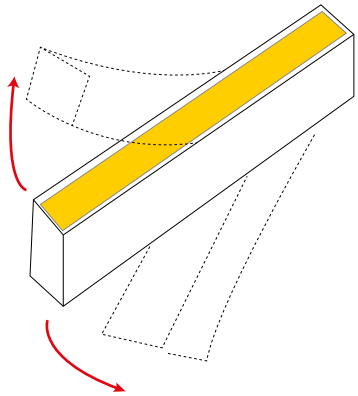
Yellow Area
Light emitting surface



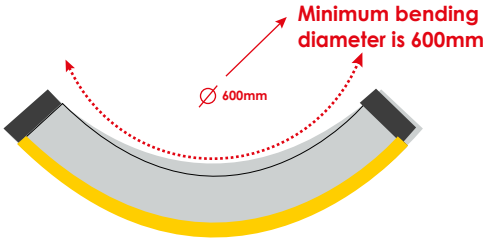
Light Profile



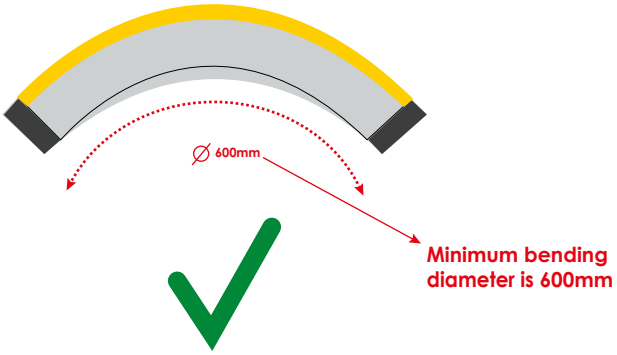
It Should Not Be Bent This Way



Bending Direction



You can bend it at an angle opposite to the direction of the light. The minimum bending diameter is 600mm.



You Can Bend It In The Direction Of The Light. The Minimum Bending Diameter Is 600mm.

