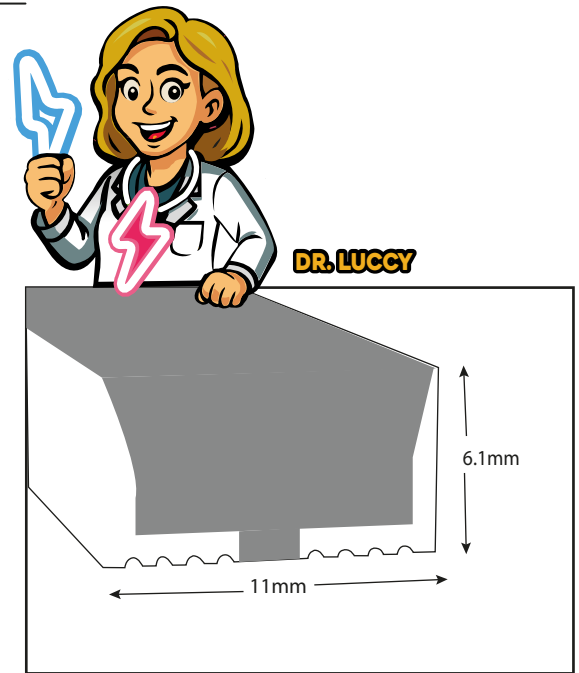




## N0:6.111 Silicon Neon LED Datasheet



Neon LED Technical Drawing

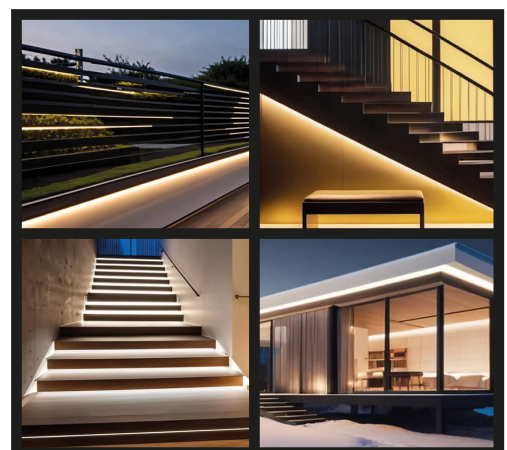
### Technical Details

|                                   |                  |
|-----------------------------------|------------------|
| ■ Power                           | 7.5 - 8W         |
| ■ Voltage                         | 12 VDC or 24 VDC |
| ■ CRI                             | 80 or 90         |
| ■ Led Qty                         | 180 Led / Mt     |
| ■ Length/Reel                     | 10 Mt            |
| ■ Working Temperature             | -25~60°C         |
| ■ Storage Temperature             | -30~80°C         |
| ■ Addressable DMx512-SPI Animated |                  |

### Features

- IP67
- %100 Silicone
- High Efficiency LED's 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 maximum bending diameter of 30mm."
- Made from 100% pure silicone, it offers superior flame resistance and long-lasting clarity without the yellowing typical of standard plastics.

### Sample Product Images



10 MT



WATERPROOF



FIREPROOF



SILICONE



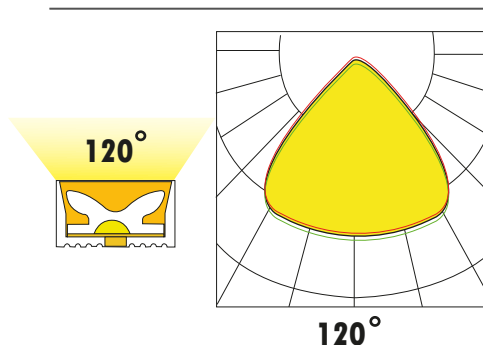
WARRANTY

## Color Temperature

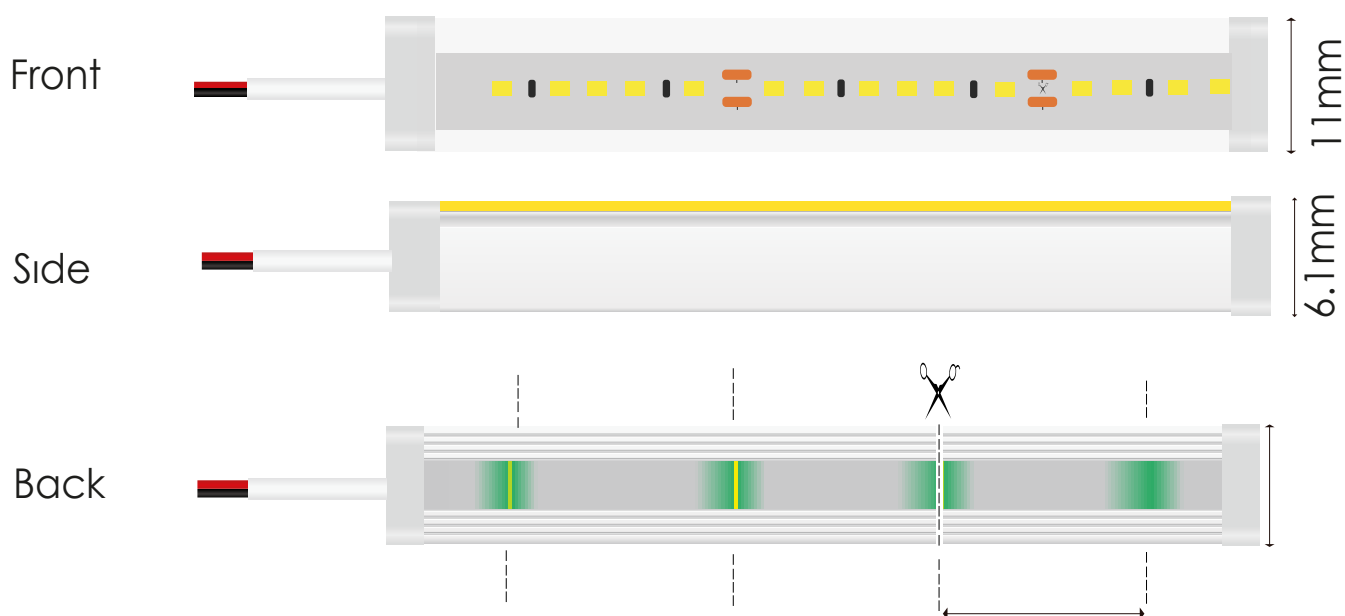
|                                                                                   |        |
|-----------------------------------------------------------------------------------|--------|
|  | 2700K  |
|  | 3000K  |
|  | 4000K  |
|  | 5000K  |
|  | 6500K  |
|  | 10000K |

## Light Distribution

LUMINOUS INTENSITY  
DISTRIBUTION DIAGRAM

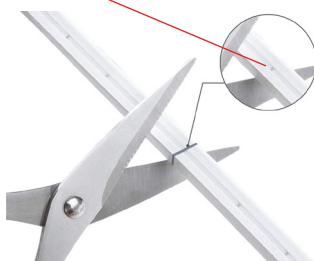


## Dimension



### Cuttable Neon LED

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



### Waterproof Neon LED

IP 67 Waterproof



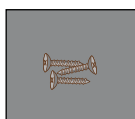
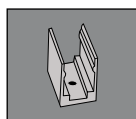
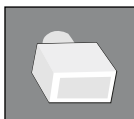
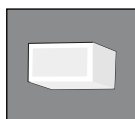
### Bendable Neon LED

Extremely flexible design easily bendable  
and shapeable without cracking.  
Can Be Bent Up To A  
Maximum Diameter Of 30mm

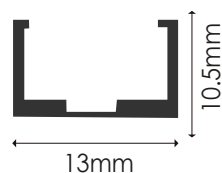


## Accessories Specification

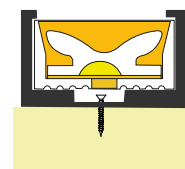
| Name              | Quantity |
|-------------------|----------|
| End cap           | 4pc      |
| End cap with hole | 2pc      |
| Clips             | 10pc     |
| Screw             | 10pc     |



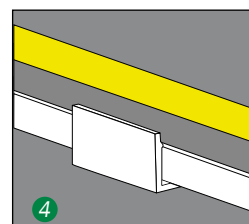
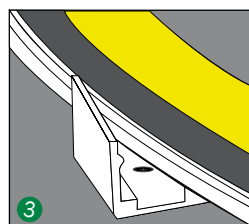
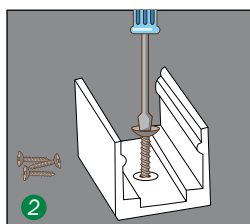
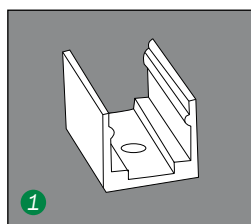
## Section diagram



## Install

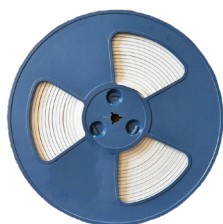


## Installation part dimension



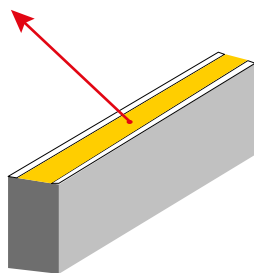
## Packing

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

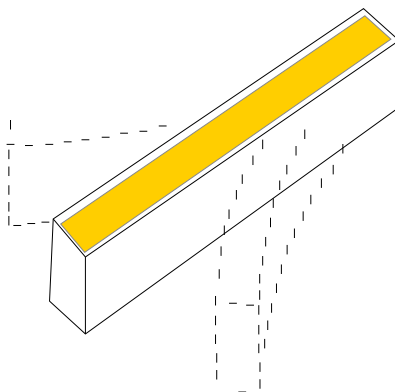


# MINIMUM NEON LED BENDING DIAMETER

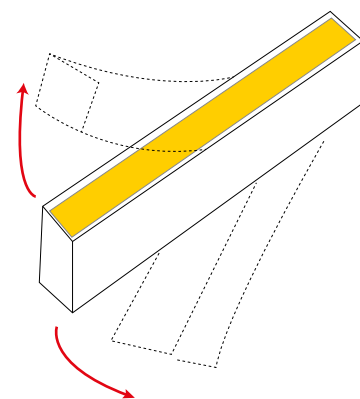
Yellow Area  
Light emitting surface



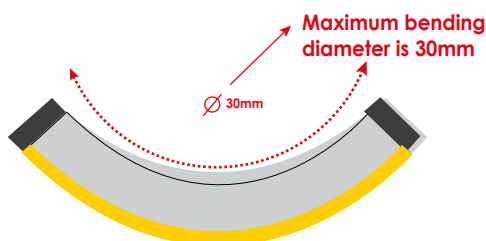
Light Profile



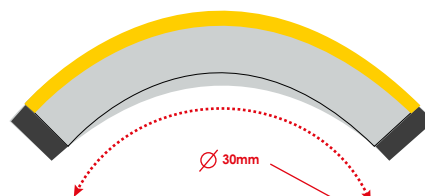
It Should Not Be Bent This Way



Bending Direction



You can bend it at an angle opposite to the direction of the light. The maximum bending angle is 30MM.



You Can Bend It In The Direction Of The Light. The Maximum Bending Angle Is 30MM.

