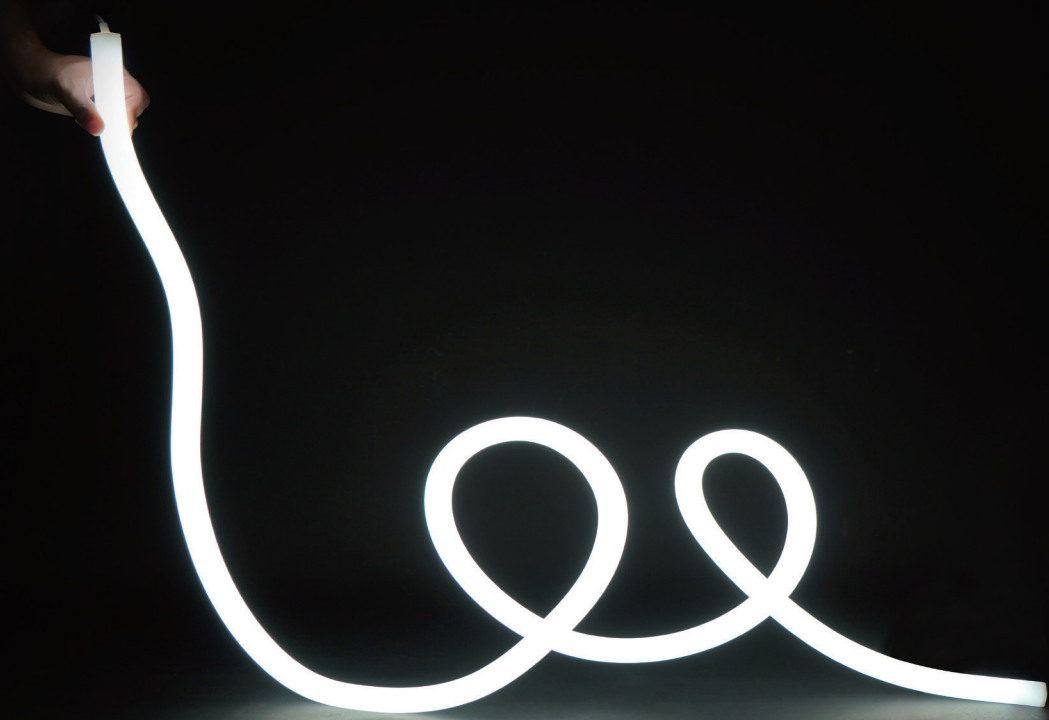


Neón Flex 360°

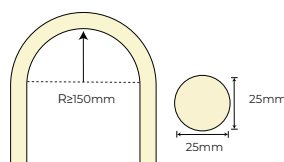
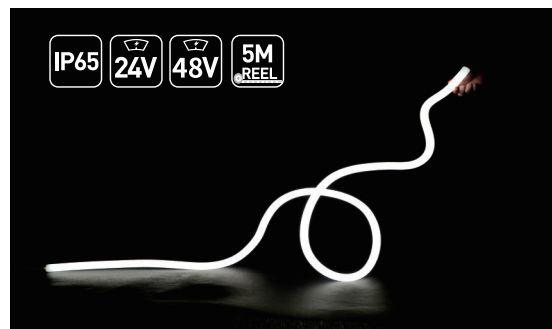
25 mm

Semirrígido



Features:

- Light source: High-efficiency COF light strip, LM80 test certification.
- Process material: high light transmittance, high purity silica gel material, IP65 protection level.
- Optical design: unique optical light distribution structure design, dark areas on head and tail.
- Appearance design: Can be rigid, can be flexible, strong plasticity.
- Product certification: UL, CE, ROHS, UKCA, CB.
- Environmental characteristics: salt solution resistance, acid and alkali corrosion resistance, flame retardant resistance, UV resistance.
- Working/storage temperature: Ta: -25-55°C / 0°C-60°C
- Product application: office lighting, decorative lighting, artistic lighting, modeling contrast.
- White with 3 years warranty or working life =36000H, whichever comes first.



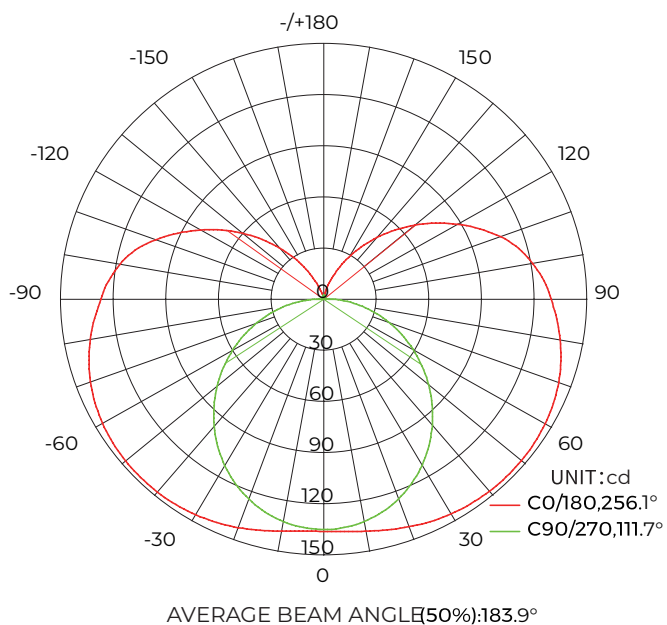
Basic Parameters:

| Referencia | Color | Voltios | Wattios x metro | Medidas mm. | Metros x rollo | Máximo de carga/m | Distancia de corte/cm | Material | Lum. x metro |
|--------------|--------|---------|-----------------|-------------|----------------|-------------------|-----------------------|----------|--------------|
| NFSR36025B27 | 2700 K | DC 24 V | 20 W | 5000 x Ø 25 | 5 | 3 | 2,94 | Silicona | 1100 |
| NFSR36025B40 | 4000 K | | | | | | 2,94 | | 1140 |

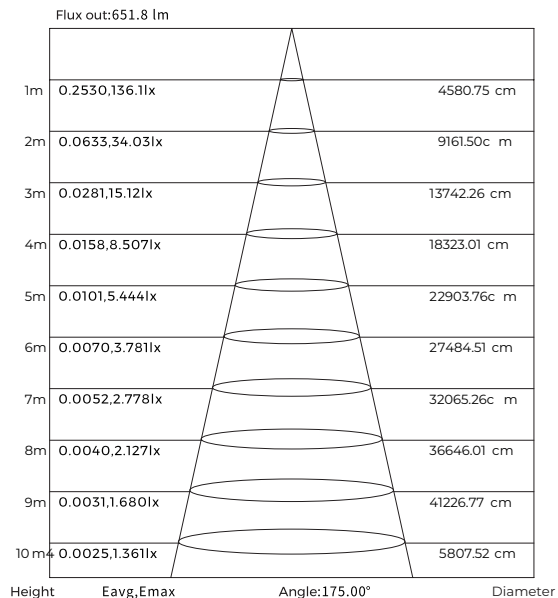
Note:

- The above parameters are tested based on 1m (3.28ft) standard products.
- The luminous flux is allowed to have an error range of ±10%.
- The above parameters are typical values.

Light Distribution:



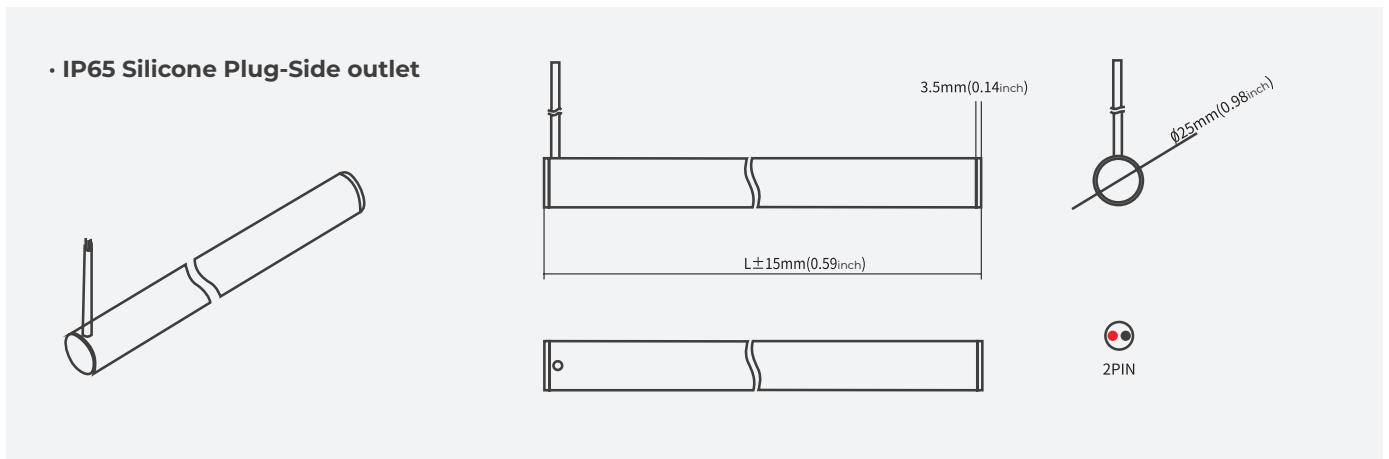
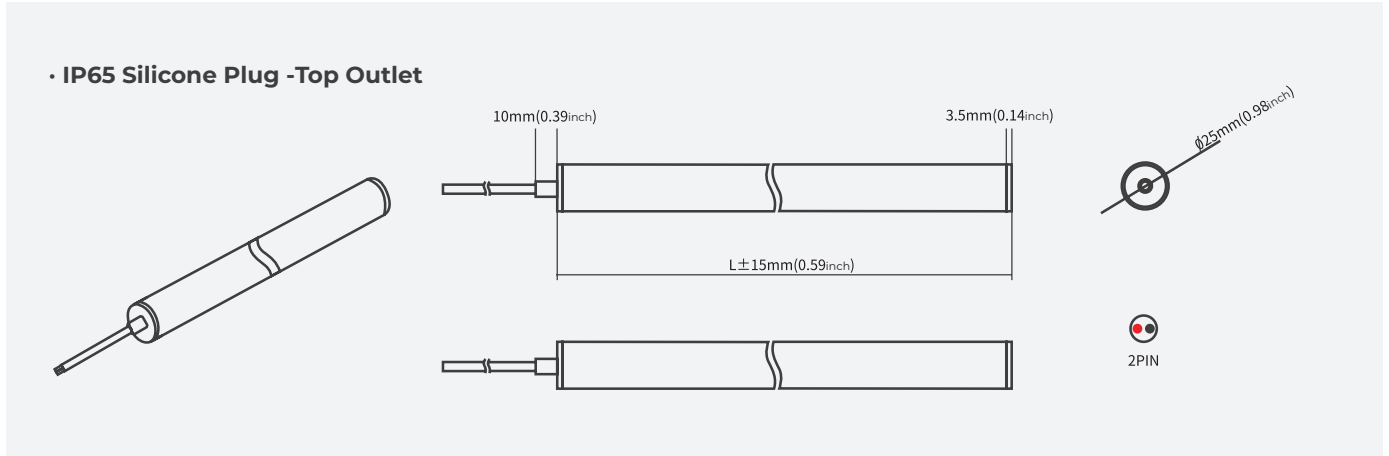
Light distribution



Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

Effective average illuminance

Product Mechanical Parameters:



Reliability test:

| test item | Classification | Reference | Test method or condition |
|---------------------------------|--------------------------------------|--------------------------------|--|
| Safety test | Mechanical strength | IEC 60598-1; IEC 60598-2-21 | The hammer spring Impact energy 0.35J |
| | IP | IEC 60598-1; IEC 60598-2-21 | IP65 |
| | Winding Test | IEC 60598-1; IEC 60598-2-21 | φ150mm cylinder, 60N pull, winding 10 times at (-25°C ±2°C), and 10 times after(-15°C±2°C, 16h). |
| | Cold Bend Test | IEC 60598-1; IEC 60598-2-21 | wound on mandrel, low-temperature (-15°C±2°C, 16h), around the mandrel for two turns |
| | Cold Impact test | IEC 60598-1; IEC 60598-2-21 | Low-temperature (-15°C±5°C, 16h), hammer falls from a height of 100mm. |
| | Insulation Resistance | IEC 60598-1; IEC 60598-2-21 | ≤ 2MΩ |
| | Electrical strength | IEC 60598-1; IEC 60598-2-21 | 500V |
| Mechanical reliability testing | Bending test | Colors | Each 300mm, bending up and down 30 times |
| | Bending test | Colors | Each 300mm, bending left and right 30 times |
| | Torsion test | Colors | Twist clockwise 5 times and then release, repeat 30 times |
| | Disassembly and assembly test | Colors | / |
| Environment Reliability testing | High temperature storing test | IEC 60068-2-2 | 80°C, 168h |
| | Low temperature storing test | IEC 60068-2-1 | -40°C, 168h |
| | High temperature and Humidity impact | IEC 60068-2-78 | 60°C, 85%RH |
| | Salt Spray test | IEC 60068-2-11 | 5% salt solution concentration, 24h |
| | IK | IEC 62262 | 5 times of impact on each exposed surface |
| | Lifetime aging test | Colors | 35°C, 6000h |
| | switch test | Colors | 10s On, 10s Off, 10000 times |

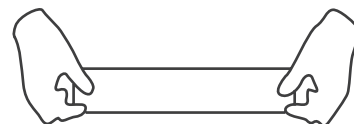


Precautions:

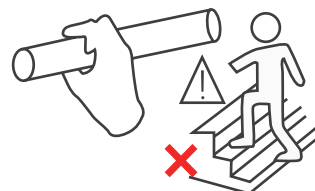
- Please use an isolated power supply to drive the LED light bar, and the ripple of the constant voltage source is less than 5%. Do not use resistance-capacitance step-down, non-isolated power supplies to drive the LED light bar.
- In actual applications, the power supply should reserve 20% of the margin (it is recommended to use only 80% of the power) to ensure sufficient voltage to drive the product.
- Please operate carefully, do not touch the AC power terminal when the power is on to prevent electric shock.
- Pay attention to the positive and negative poles of the power cord, and do not connect it wrongly. Whether the voltage of the power supply and the product are the same, so as to avoid damage to the product.
- During the installation process, please avoid scratching, twisting and irregular bending of the product, otherwise it may cause irreparable damage to the product.
- In order to ensure the life and reliability of the light strip, please do not bend it in an arc with a radius of 150mm or less. A too small bending radius will damage the product itself.
- If the actual application length exceeds the specified use length, it will cause the lamp belt to overload and heat, and the brightness is uneven.
- In order to prevent your eyes from being hurt, try to avoid staring at the light-emitting surface of the light bar for a long time.
- Non-professionals are prohibited from installing, disassembling and repairing the product.
- It is strictly forbidden to use any acidic or alkaline adhesives to fix products (including but not limited to glass glue, etc.).
- Different IP grades are used in different scenarios, and IP65 is not suitable for immersed environments.
- Products of different sizes and specifications under the same color temperature value due to structural differences, the final color of the product is slightly deviated, and it needs to be confirmed before use.
- When hanging vertically, deformation will occur with time and gravity. During installation, please add auxiliary shaping accessories.
- The bending process requires gentle operation.
- During the bending process, the light source will shift slightly, and there are some dark areas on the head and tail, which is a normal phenomenon.
- Due to the characteristics of plasticity, the product may have uneven light output. During the modeling application process, it can be improved by adjusting the bending arc and tapping the product.
- Due to the characteristics of the silicone material, it is normal for the color of the colloid to change slightly after the neon product is used for a long time.
- It is strictly forbidden to use 502/705 and other adhesives that are prone to chemical reactions with silica gel during construction and installation. It is recommended to use silicone sealant for bonding.
- Long-term storage and the remaining products after cutting and use must be sealed to avoid exposure to organic environments such as aldehydes/benzenes.
- When the product is installed and used, it is recommended that the product as a whole be in the same environmental conditions to avoid inconsistent color changes of the product colloid due to differences in product exposure and environmental conditions.



It is forbidden to wrap objects less than 120mm



NO stretching



No trampling