



Professional LED Light Manufacturer
Since 2008

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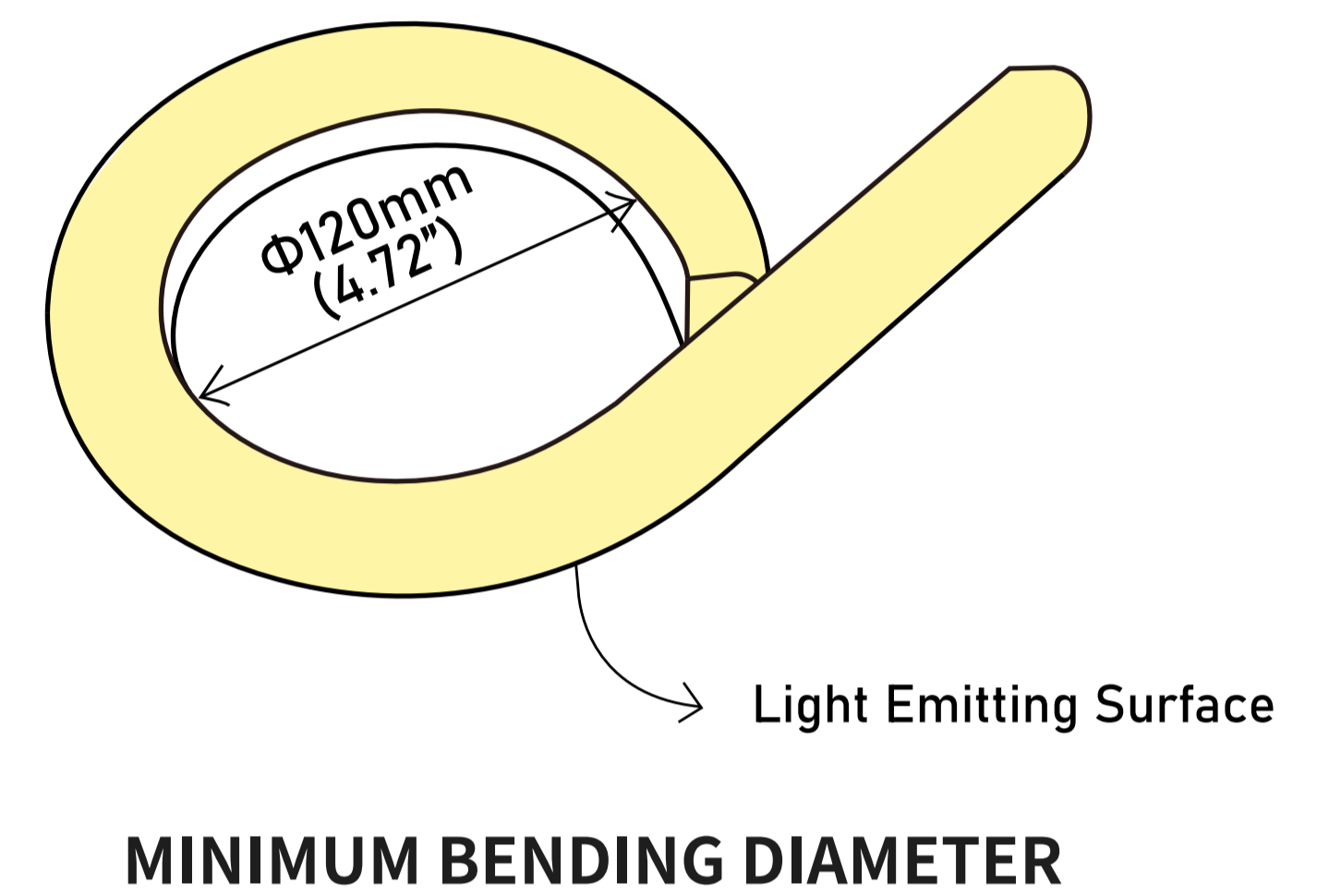
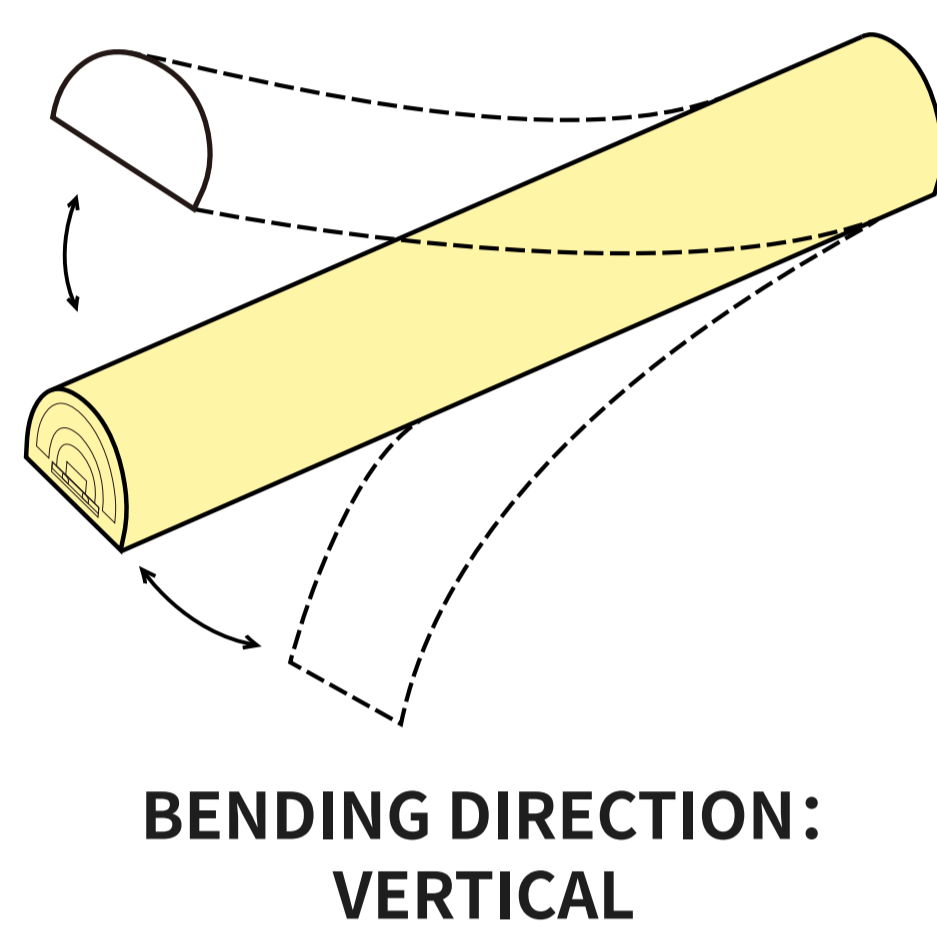
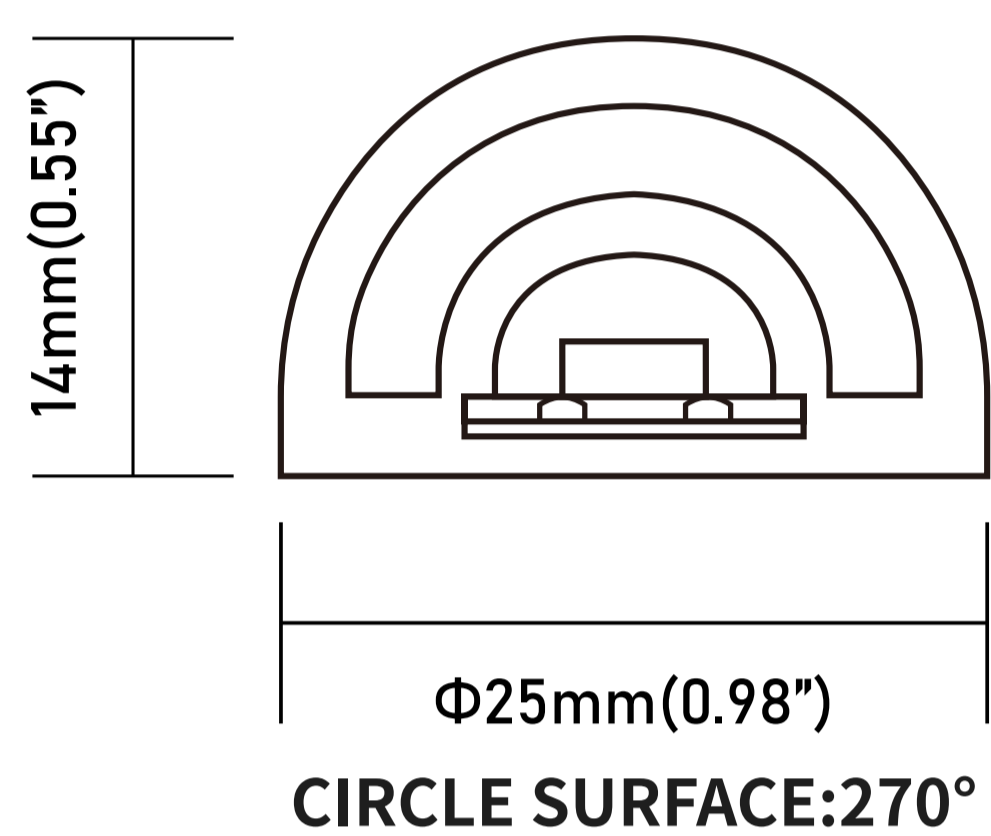
T25mm

MONO COLOR 12V/24V

SKU:WJ-SNF-T25-MONO-12V/24V



Structural Drawing & Bending Direction



Certifications



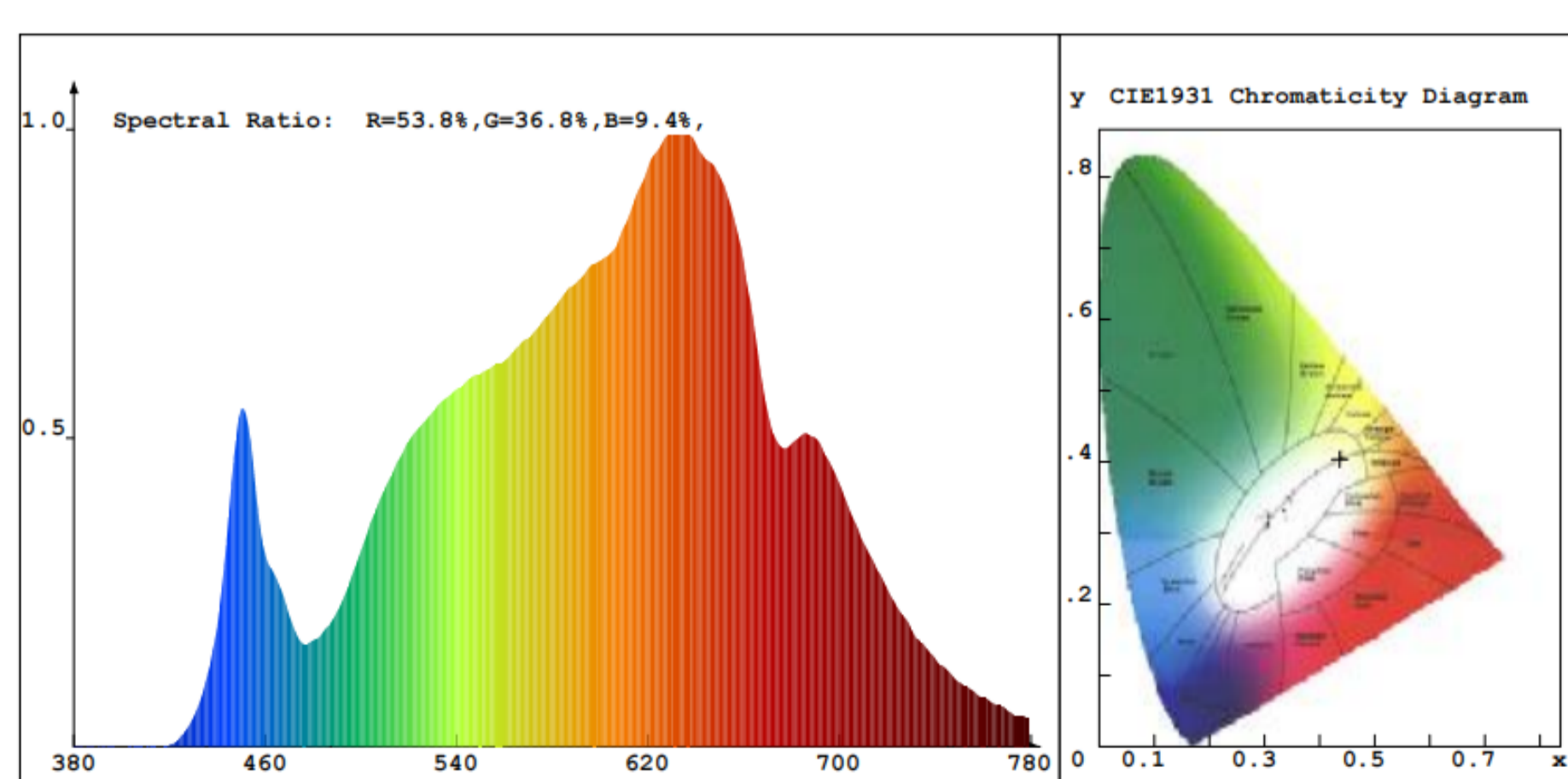
Technical Data

Color temperature : 2200K ● ● ● ● 10000K

MAX LOADING(12V/24V): 5m

| COLOR | CCT/WAVE | LED QUANTITY | UNIT CUT (12V) | UNIT CUT (24V) | WATTS/M (24V) | LUMEN/M (24V) |
|---------------|---------------|--------------|----------------|----------------|---------------|---------------|
| Warm White | 2737K/584.7nm | 120 LEDs/m | 2.5 cm | 5cm | 8.34 W | 322.02 lm |
| Cool White | 9145K/471.5nm | 120 LEDs/m | 2.5 cm | 5cm | 8.37 W | 305.18 lm |
| Red | 1007K/623.3nm | 120 LEDs/m | 2.5 cm | 5cm | 7.77 W | 134.81 lm |
| Green | 8120K/526.3nm | 120 LEDs/m | 2.5 cm | 5cm | 8.55 W | 334.04 lm |
| Blue | 465.3nm | 120 LEDs/m | 2.5 cm | 5cm | 8.76 W | 46.30 lm |
| Yellow | 1901K/588.8nm | 120 LEDs/m | 2.5 cm | 5cm | 8.36 W | 366.57 lm |
| Orange | 1082K/604.9nm | 120 LEDs/m | 2.5 cm | 5cm | 8.35 W | 226.69 lm |
| Light Pink | 1511K/626.0nm | 120 LEDs/m | 2.5 cm | 5cm | 8.34 W | 294.00 lm |
| Pink (Violet) | 568.0nm | 120 LEDs/m | 2.5 cm | 5cm | 8.03 W | 92.24 lm |
| Purple | 450.0nm | 120 LEDs/m | 2.5 cm | 5cm | 8.16 W | 58.71 lm |

Optical Parameter Chart for Integrating Sphere Testing

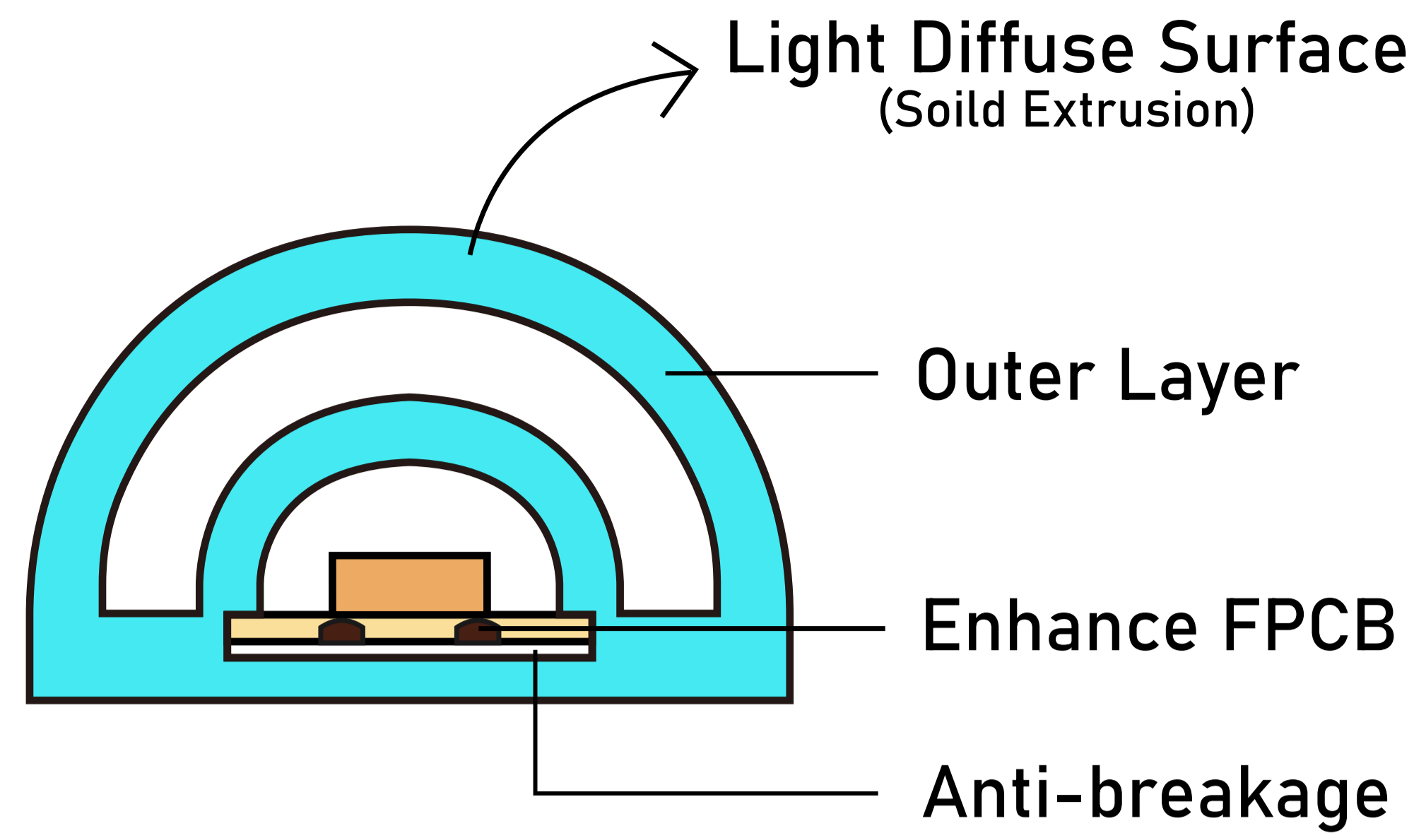


Reliability test

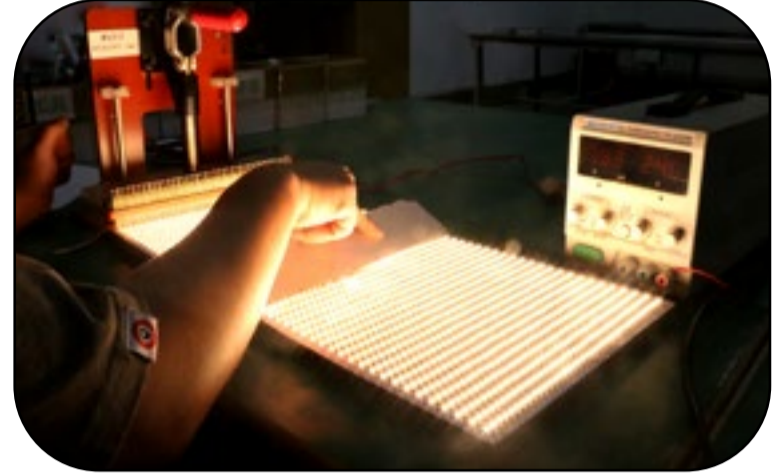
| TEST CATEGORY | TEST ITEMS | STANDARD/VALUE |
|------------------|------------------------------------|---|
| Optical Test | Spectrum Analysis | IES LM 79(CCT, lumen, CRI, SDCM, XY, wavelength) |
| | Photometric Distribution | IES LM 79(lumen intensity distribution & Lux diagram) |
| Temperature Test | Lumen Maintenance & Lifetime | IES LM84 & IES TM 28 |
| | Nomal Temperature Test -25°C | UL 1598 & UL2388 & IEC60598-1 & IEC60598-2-21 |
| | Abnormal Operation Test -70°C | UL 1598 & UL2388 & IEC60598-1 & IEC60598-2-21 |
| Physics Test | Bending Test | Manufacturer-defined, 1000 cycles |
| | Swing Test | UL2388, >750 cycles |
| | Tensile Test | Manufacturer-defined, >the weight of light in max. running length by double ends feed |
| | Twist Test | Manufacturer-defined, 200 cycles |
| | IK08 | IEC62262 |
| | Ball Impact | UL 1598 & UL2388 & IEC60598-1 & IEC60598-2-21 |
| Weathering Test | Swimming Pool Water Immersion Test | GB9667, PH6.8-7.6, free chlorine 0.3-0.6mg/L |
| | Sea Water Immersion Test | IEC 60598-1, Salinity 4% |
| | Salt Spray Test | IEC68-2-11 |
| | Outdoor Exposure | Manufacturer-defined |
| Environment Test | Flame Resistant Test | UL94 |
| | UV Exposure Test | ASTMG154, UVA@340nm |
| | IPX5 IPX6 IPX7 IPX8 | IEC60529 |
| | Temperature Shock Test | Manufacturer-defined, -40°C-60°C(typical temperature range) |
| | Constant Temperature Test | Manufacturer-defined, 70°C(typical temperature range) |

Wilgex specializes in engineering LED flexible neon lights and offers both standard and customized services. If you have specific requirements, please contact our sales department.

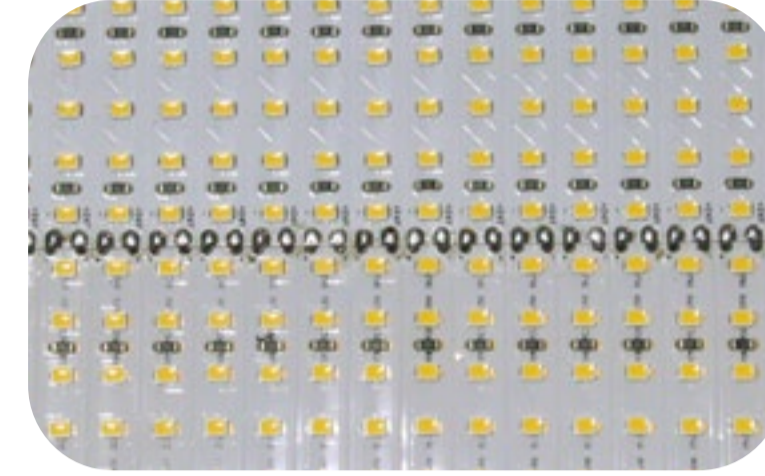
Four-star quality assurance



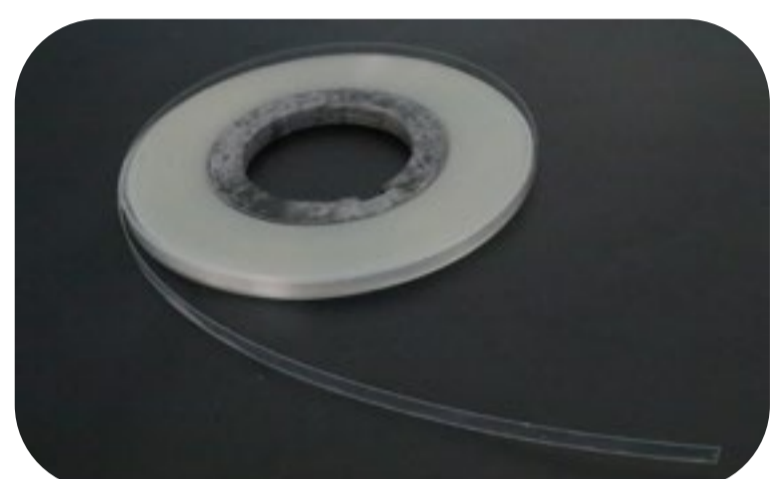
Unique Design



★ Enhance thickness FPC design principle



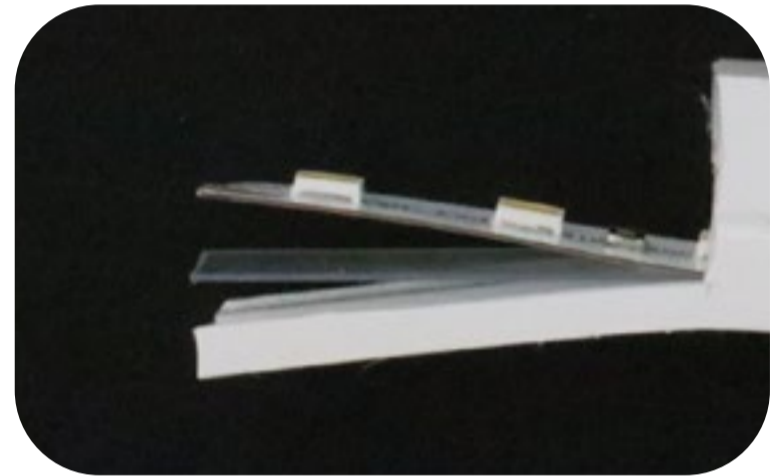
★ LED anti-death design



★ Add a break protection layer



★ Solid extrusion design for exterior



Features:

1. Size: The size of this LED Neon Flex is T25mm (half round shape).
2. High-density LED chips: The strips have a high density of LED chips, resulting in a brighter and more uniform light output
3. Flexible and bendable: Can be bent into various shapes and designs
4. Energy-efficient: Uses less power compared to traditional neon lights
5. Long lifespan: Can last up to 50,000 hours
6. Low heat emission: Does not emit as much heat as traditional neon lights
7. Wide color options: Available in a wide range of colors
8. Easy to install: Can be cut and connected to fit any desired length and shape
9. Durable and weather-resistant: Can withstand various weather conditions
10. Safe to use: Low voltage and does not contain hazardous materials like mercury
11. Cost-effective: Offers a cost-effective alternative to traditional neon lights.

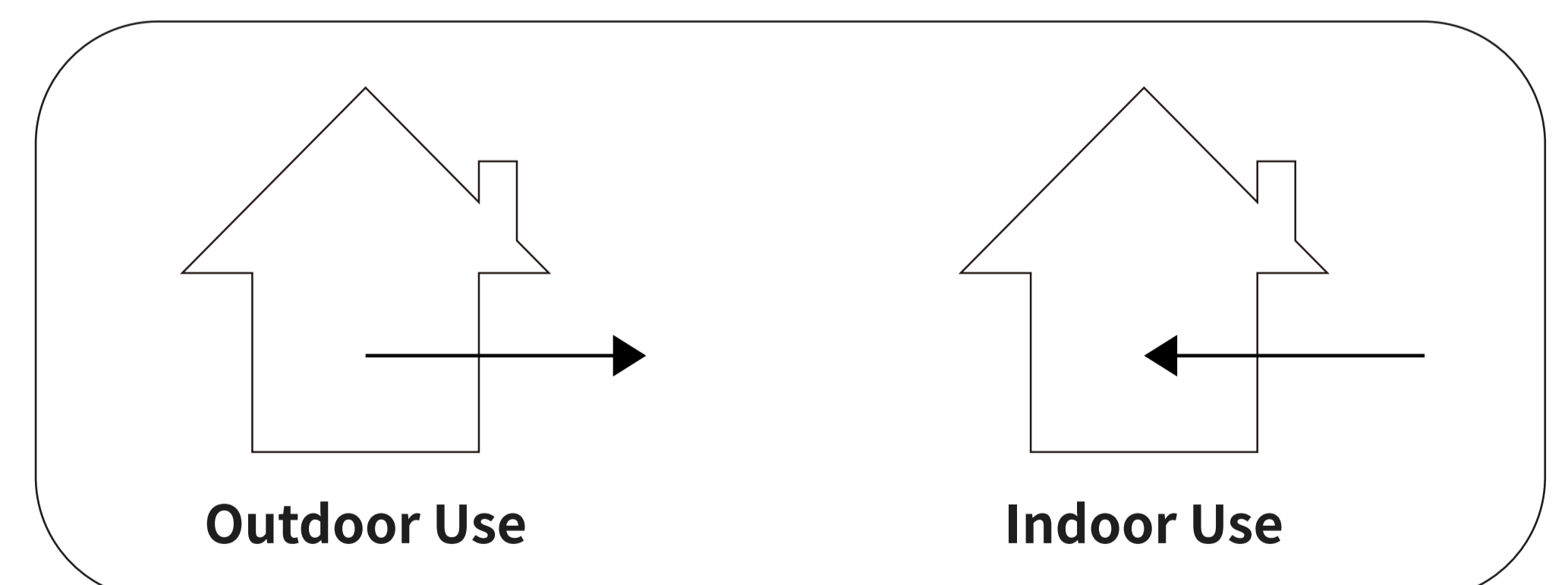
Wide Color Options



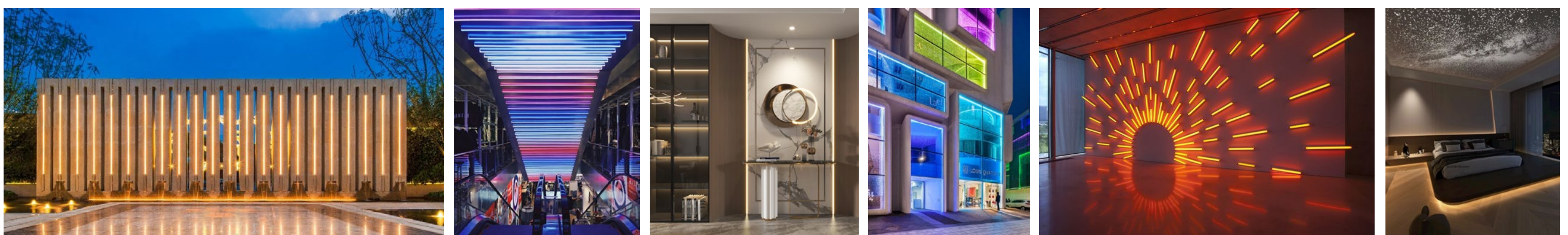
Cool White Warm White Blue Red Green Yellow Orange Light Pink Pink (Violet) Purple

Recommended Usage Scenarios :

1. Indoor and outdoor architectural lighting decoration
2. Landscape lighting
3. Advertising signage lighting
4. Stage and theater lighting
5. Car and motorcycle lighting
6. Holiday and event lighting decoration
7. Cove lighting
8. Edge-lit lighting
9. Retail and display lighting
10. Restaurant and bar lighting



Please note that these are only recommended usage scenarios and it is important to consult the product specifications and guidelines before using flexible LED neon light strips in any application.



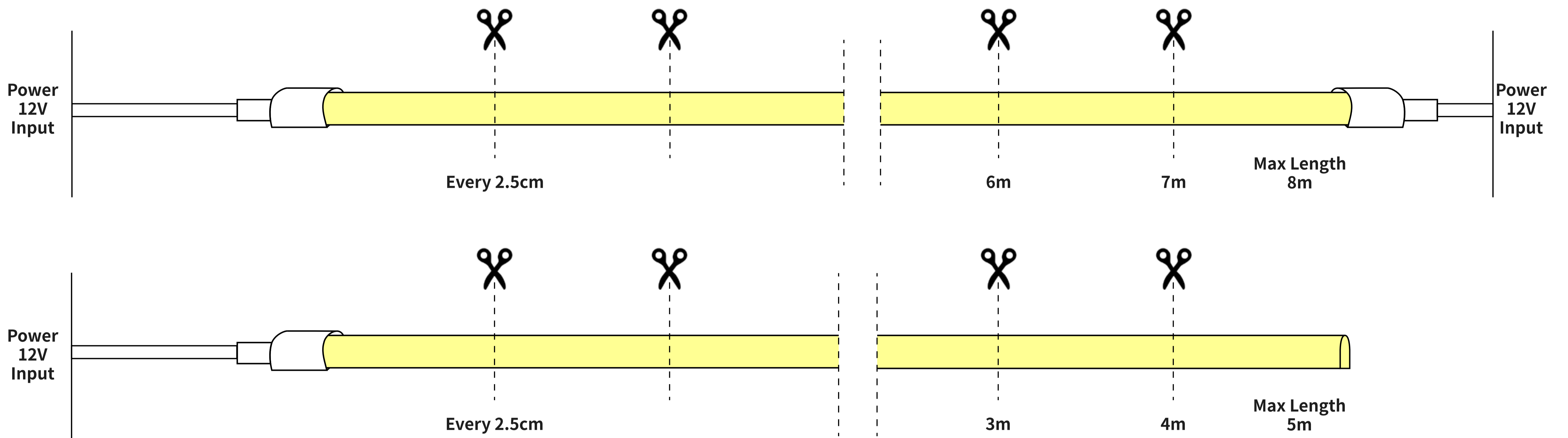
Package



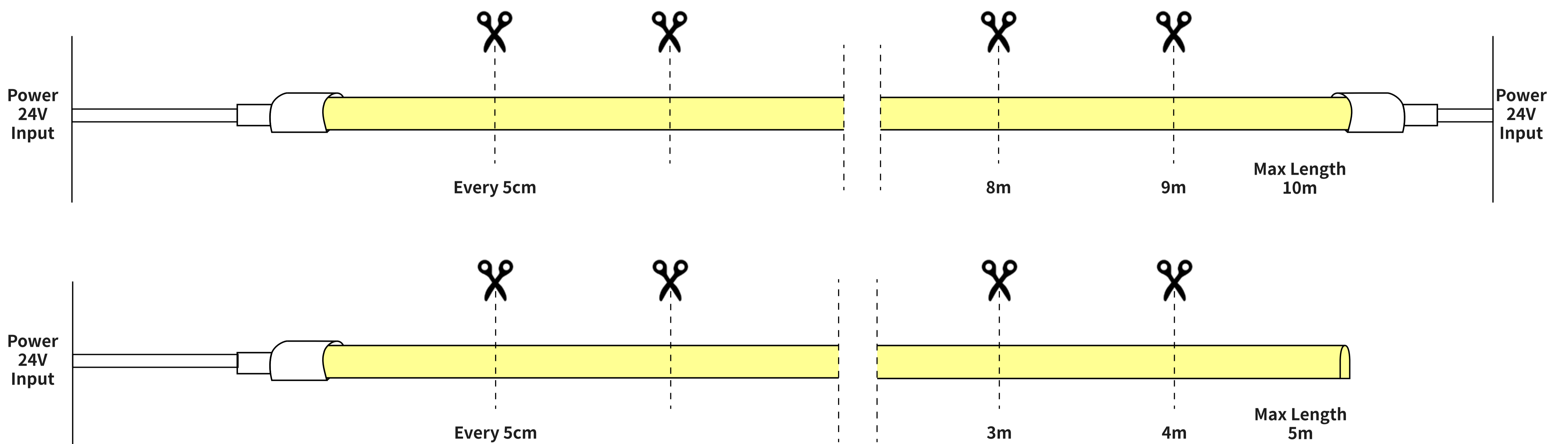
Packing Method : Blister + White box
 Quantity / Box : 5 meters / reel
 Gross Weight : 1.695 Kg (3.74LB)
 Size of outer box : 52x 52x 7 cm
 CBM : 0.019m³ / box

Mini Cutting Length & Connection Length

• Low Voltage (12V)

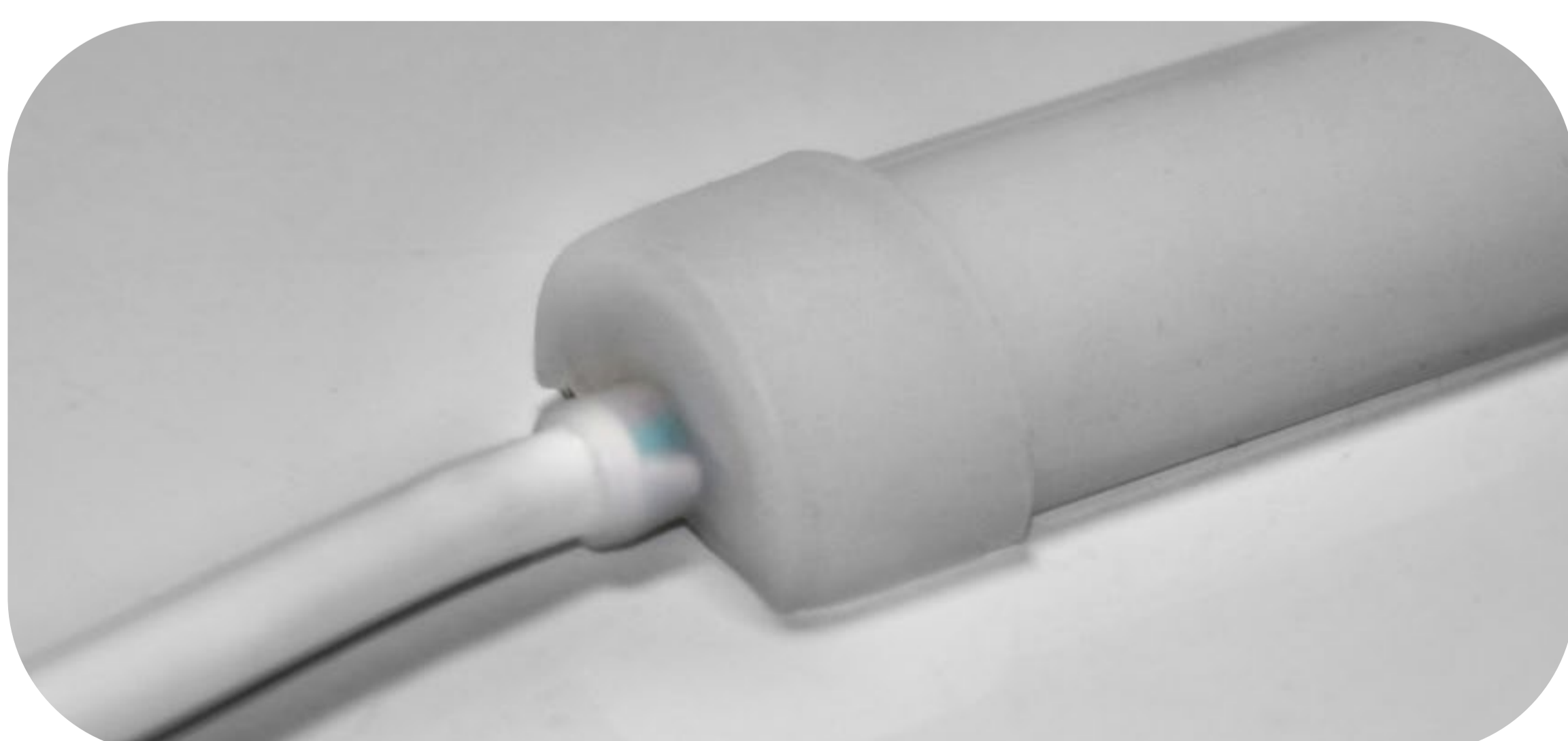


• Low Voltage (24V)



IP65 (DIY Connector)

• Voltage (12V / 24V)



FRONT CONNECTION



END CAP