

LED NEON FLEX SPECIFICATION

P67 HORIZONTAL BEND S1018

12V 24V LED NEON FLEX

SPECIFICATION

Product Model : ip67-s1018-12v-24v

PART 1 Product Specification

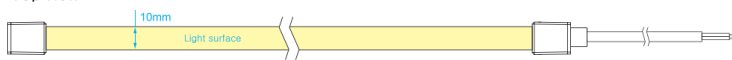


Electrical & Optical Parameters

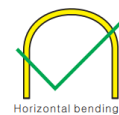
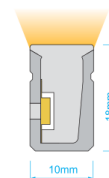
Product	S1018-12W	S1018-16W
Size	10*18mm (0.393"*0.708")	10*18mm (0.393"*0.708")
Color	1800K – 6500K	R / G / B
LED / Type	2835SMD	2835 RGB SMD
LEDs Group	3/6	3/6
LEDs / m	132 LEDs/m	132 LEDs/m
Voltage	DC 12V / 24V	DC 12V / 24V
Max. Power	12 W/m	16 W/m
Luminous Flux	480-540 Lm/m	/
Efficacy	45 – 50 Lm/W	/
CRI	Ra 80 / 90	/
Min. Cut Length	12V: 22.72 mm / 0.89 inch	24V: 45.45 mm / 1.79 inch
Installation Temperature	-40 °C to +55 °C	-40 °C to +55 °C
Operating Temperature	-25 °C to +55 °C	-25 °C to +55 °C
IP Rate	IP67	IP67

PART 2 Product Dimensions

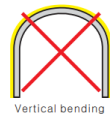
Top view



Side view



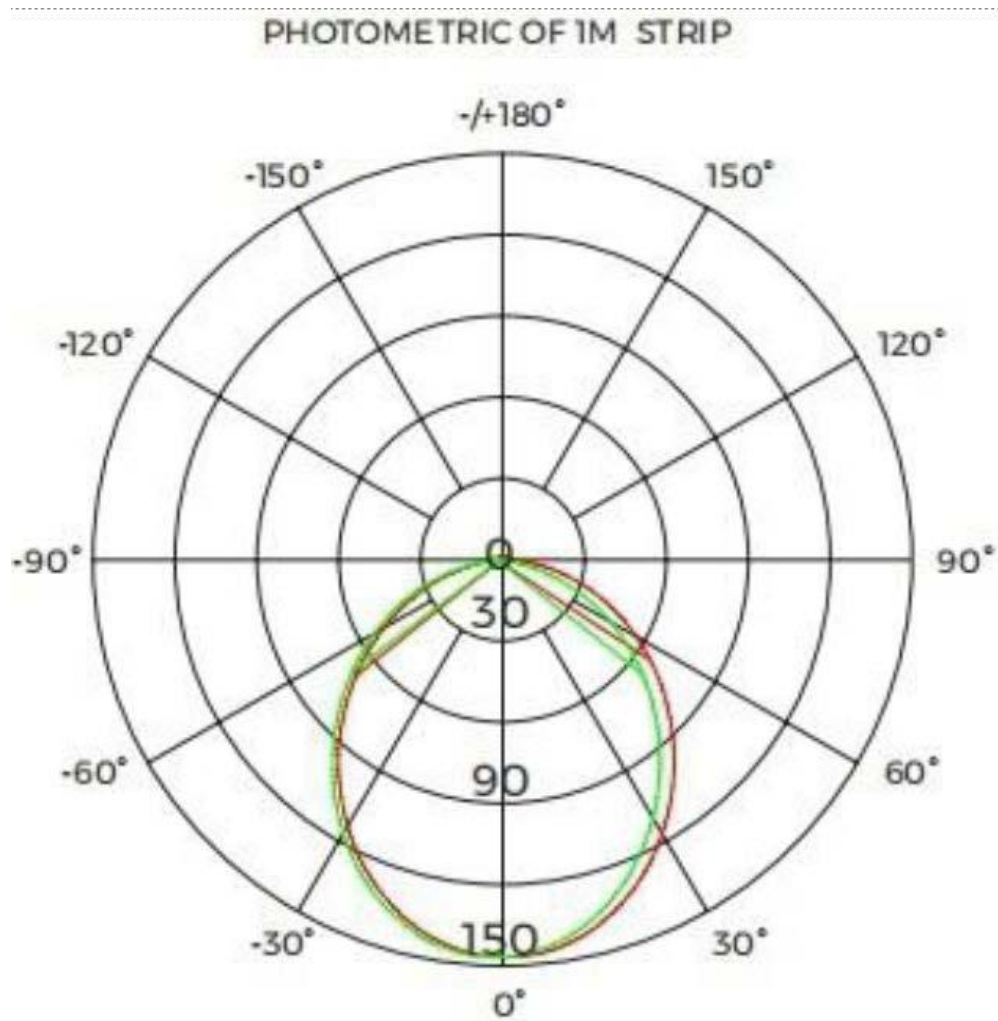
Horizontal bending Rmin=300mm



Vertical bending

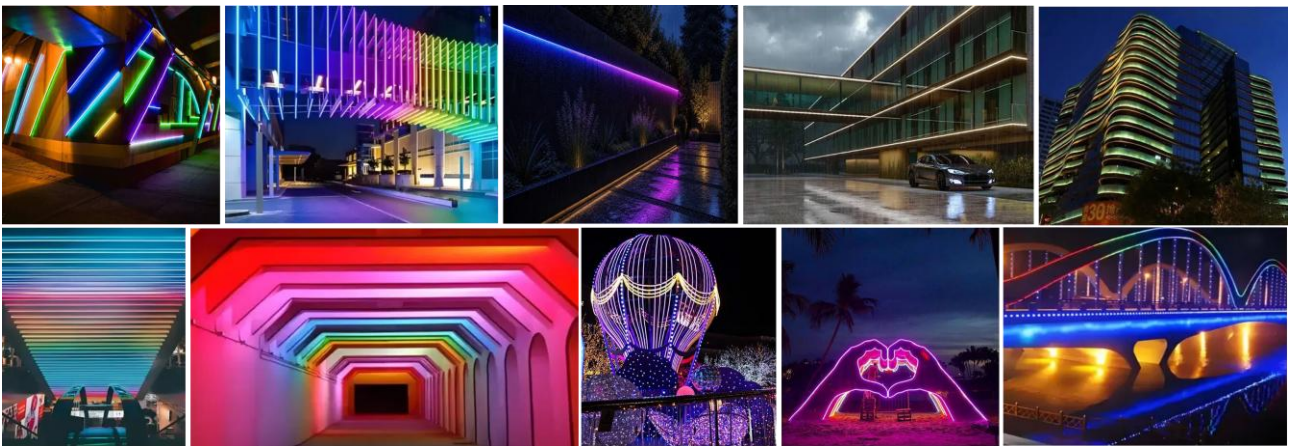
PART 3 Polar Curve

The data base on 12W 6000K

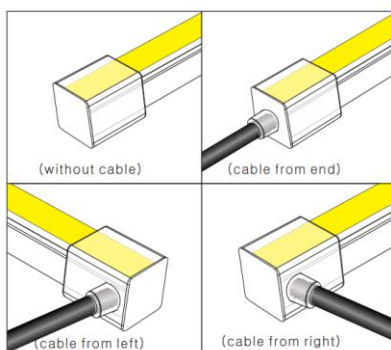


PART 4 Production Application

LED neon flex suits both indoor and outdoor scenarios: indoors it decorates commercial corridors, mall art installations and interior architectural outlines for trendy ambient lighting, while outdoors delivers facade contour lighting for high-rises, decorative illumination for bridges and waterfront walkways, plus open-air street courtyard styling; its flexible bendable design fits straight and curved shapes, weatherproof performance enables long-time outdoor operation, and rich colour options work for basic outlining as well as creative custom light art.



PART 5 Product Accessories



Cable outlet



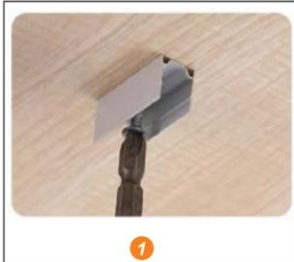
Mounting clip(length: 2cm)
Mounting channel(length: 1m, 2m,3m)



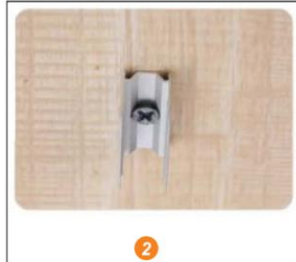
Scissors with angular scale

PART 6 Fixed Installation Display

1) Snap-on Installation



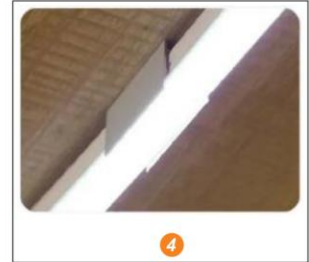
Place the buckle where the neon tube is to be installed



Use screws to secure the buckle



Fix the neon tube on the buckle



Just connect the drive power supply and power on

2) Embedded Installation



Measure the location of neon tubes to be installed



Grooving the location for installing neon tubes



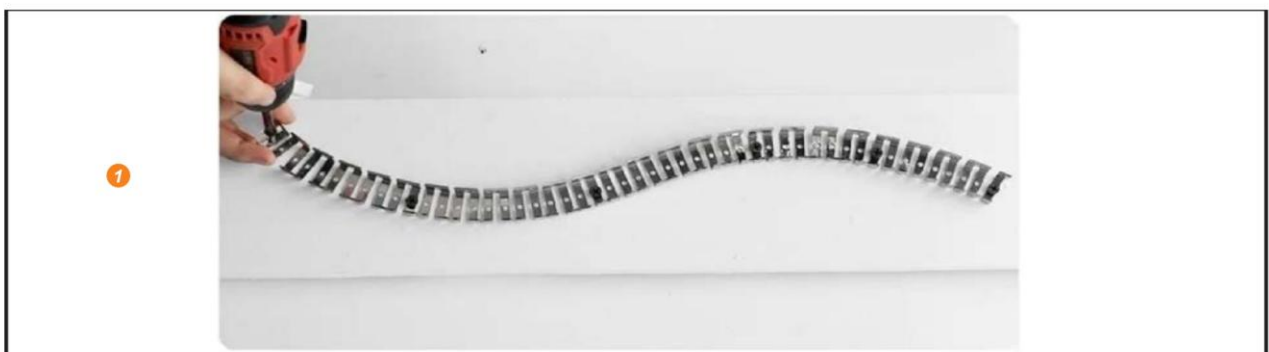
Fix the neon tube with glue or buckles



Just connect the drive power supply and power on

3) Flexible Keel Installation

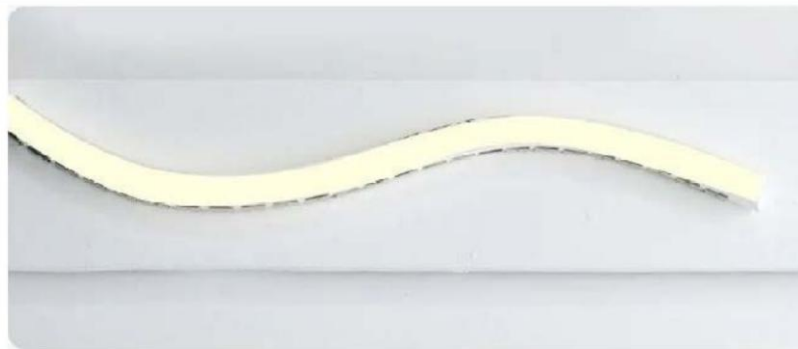
Flexible keel installation



Use screws to fix the flexible keel according to customized styling requirements

2

Fix the neon tube into the flexible keel according to the shape

3

Just connect the drive power supply and power on

PART 7 Wiring Installation

