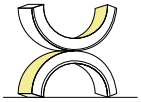
NCF1616 TOP BENDING

Flexible Silicone LED Neon Strip



SPECIFICATION

c UL us LISTED CE RoHS III Dimmable

Custom LED Linear Lighting System Solutions.

We deliver complete LED linear lighting systems — designed for architectural and commercial projects that require stable performance, system compatibility,and project-specific customization.

With OEM customization, branded details, and exclusive product development,we help transform lighting from a functional element into a refined expression of brand character and experience.

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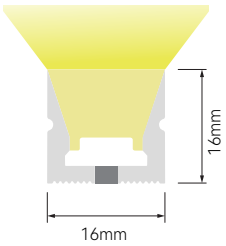
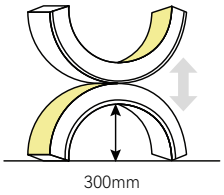


Across section size's picture



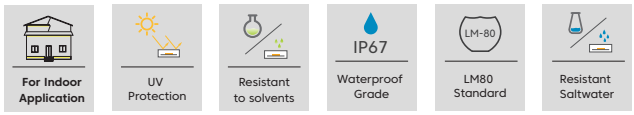
Three color silicone structure with clear cutting mark.

Bendable at horizontal direction.

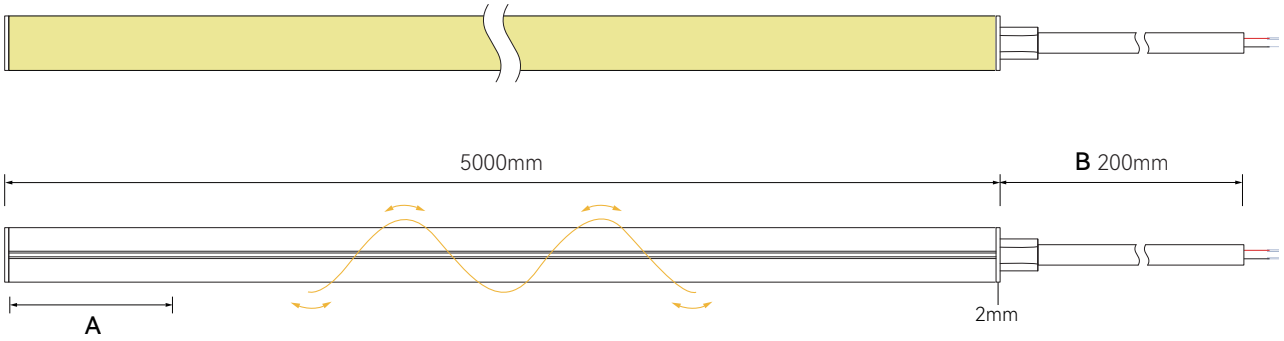
High lumen solution with special structure

High light transmittance, environmental silicone material.

Unique optical light distribution structural design, uniform lighting.



DIMENSION STRUCTURE



A) Cutting unit

CCT	Unit
Single-color	41.67mm

B) Cable Lead Option

Silicone end cap(IP65)

Integral end cap(IP67)

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SPECIFICATION

SINGLE COLOR - AT2835XX90-24192100-NCF1616

LED type	2835
LED Qty's	192LEDs/m
PCB width	8mm
Voltage	24V
Power	18W/m
Beam angle	120°
Warranty	3-5Years

CRI	CCT	Lumen/m	Efficiency/W
> 90	2700K	1800	100
> 90	3000K	1836	102
> 90	3500K	1836	102
> 90	4000K	1980	108
> 90	5000K	1908	106
> 90	6000K	1944	110

*Ta=30 ℃, 12hours/Day

+/- 10% lumen tolerance

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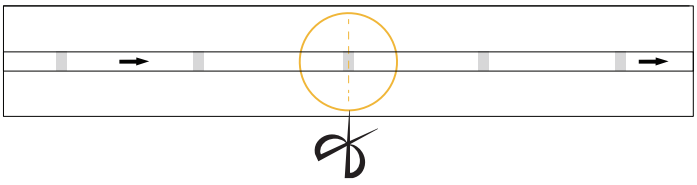
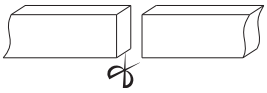
CUTTING MARK

Use professional scissors to cut vertically at the cutting mark.

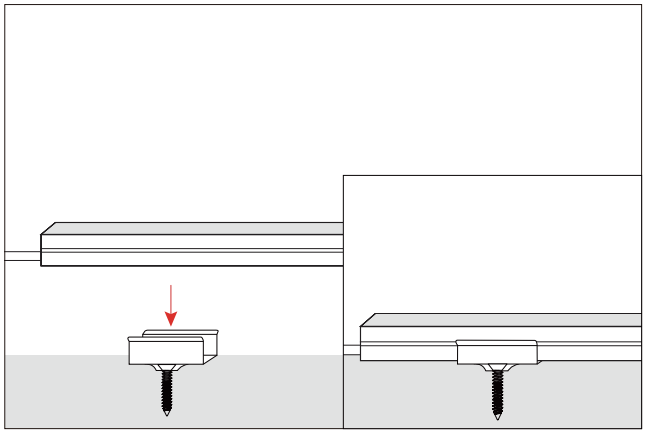




Vertical cutting precisely in the exact cutting position of led strip.

The bottom of the led strip has a clear mark, the black marker is the cutting position.

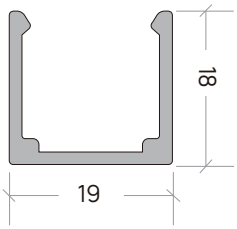
ACCESSORIES

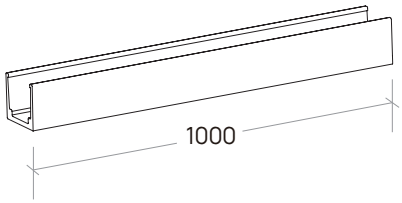


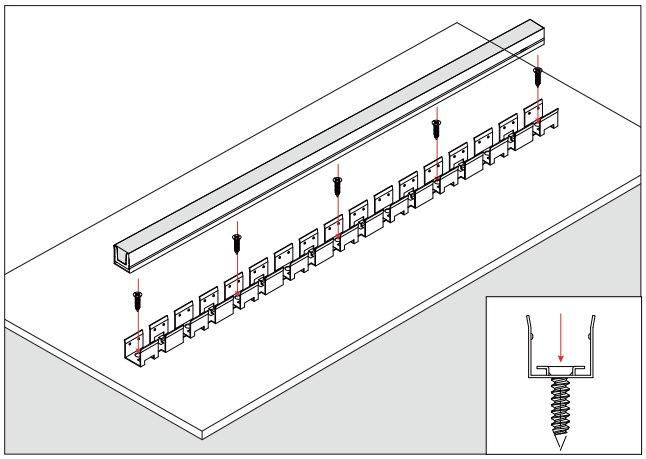
ALUMINIUM MOUNTING CLIPS / ALUMINIUM PROFILE

W19 × H18MM / W19 × H18 × 1000MM

END VIEW



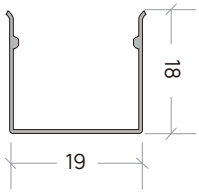




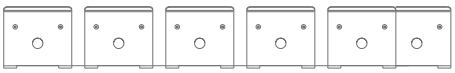
FLEXIBLE STAINLESS STEEL PROFILE

W19 × H18MM

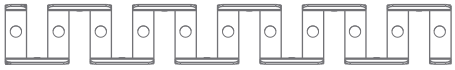
END VIEW



SIDE



TOP



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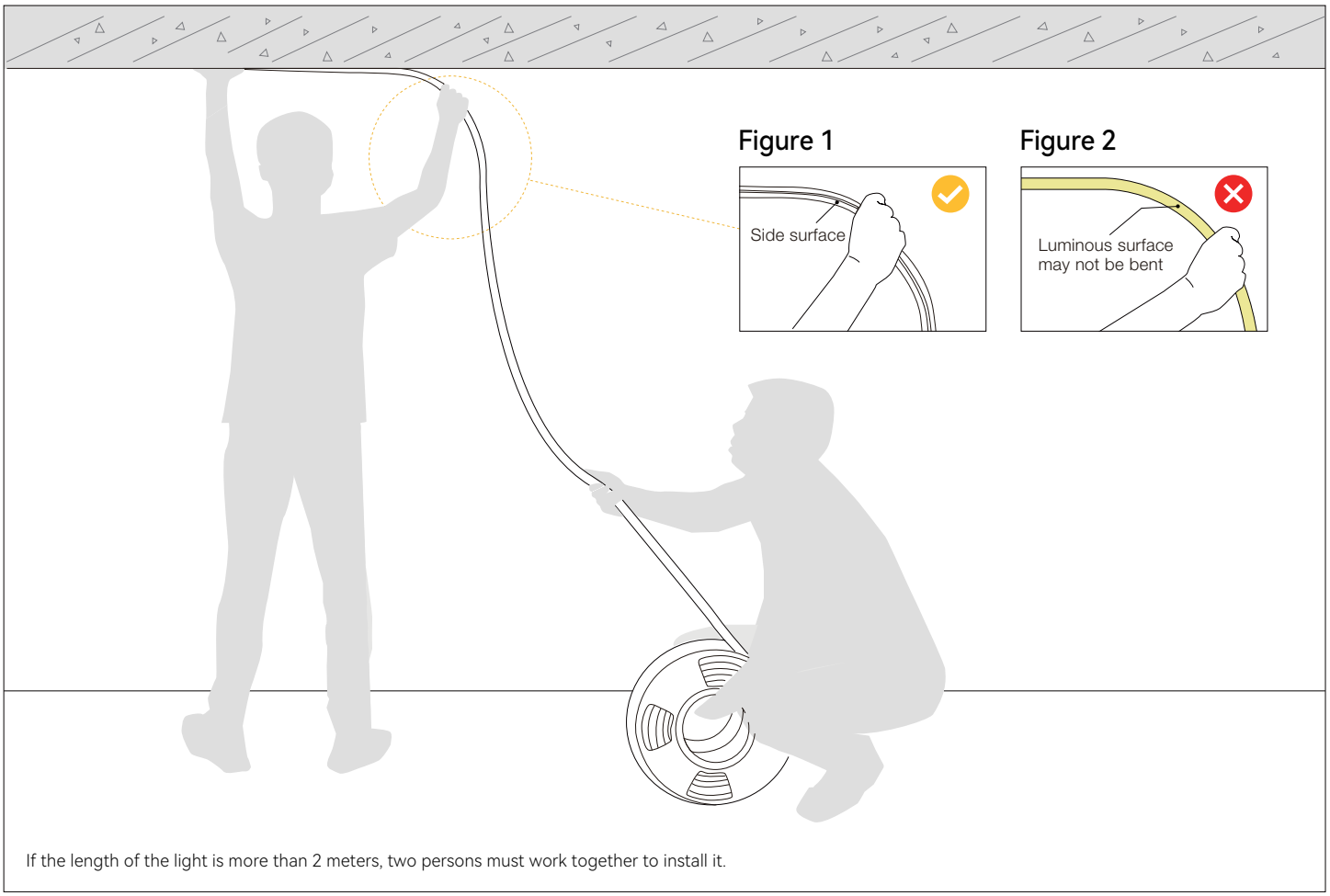
INSTALLATION PRECAUTIONS-TOP MOUNTED



If the length of the light is more than 2 meters, two persons must work together to install it.

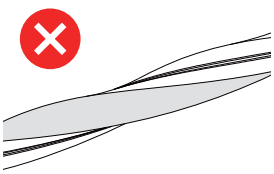
1.Installer:

Press the light with the palm of the left hand to slowly load it into the slot. Straighten the light with your right hand so that it droop naturally. See **Figure 1.**

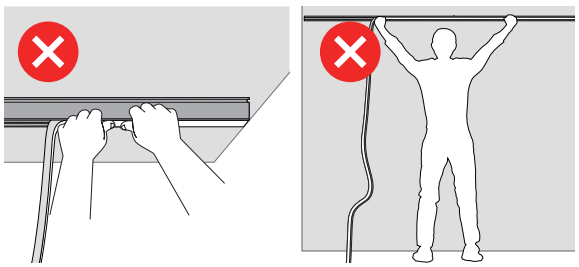
Luminous surface may not be bent. See **Figure 2.**

2.Assistant:

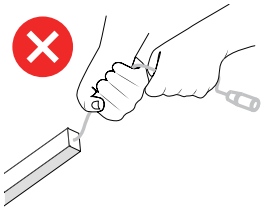
Cooperate with the installer to slowly deliver the light to installer. Do not pull or twist the light during the installation.



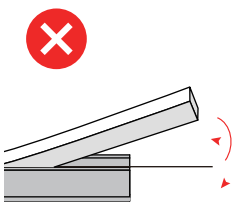
As shown in the figure, twisting or coiling the light strip during installation is prohibited.



Do not let any portion of the fixture hang in any direction during installation. Use two people to install to ensure the fixture does not hang.

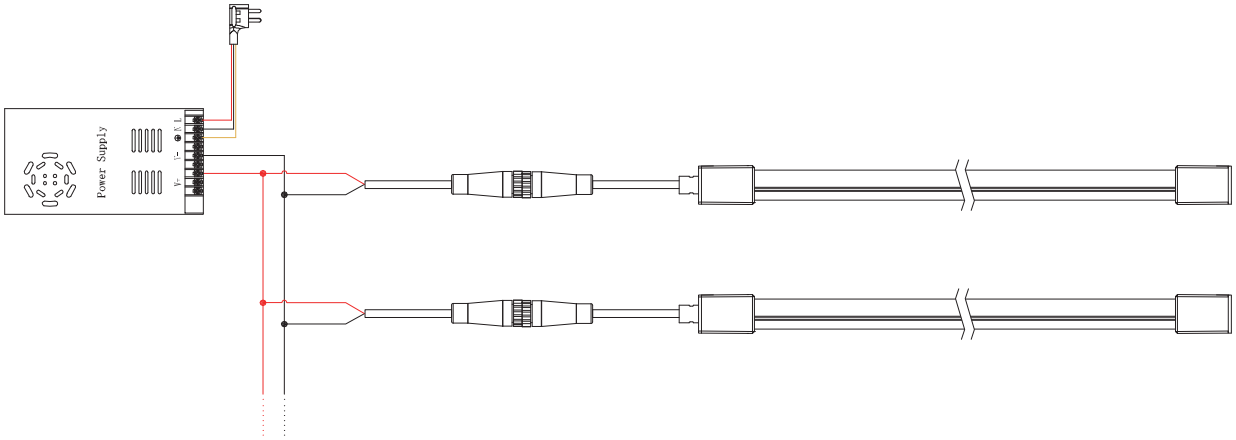


Do not grab or pull by the wire feeds.



Do not bend the fixture more than 15 degrees when installing into mounting brackets or channels.

SINGLE COLOR CONNECTION DIAGRAM



WARNING

Power Supply
The product must be powered by an isolated constant-voltage power supply with output ripple ≤ 5%.A minimum 20% power margin is required (maximum 80% rated load). Non-compliant power supplies will cause unstable operation and premature product failure.

Voltage & Polarity
Supply voltage and polarity must strictly match product specifications. Incorrect voltage or reverse polarity will cause immediate and irreversible damage.

Mechanical Bending
Installation must maintain a minimum bending radius of ≥ 300 mm. Twisting, sharp bending, or over-bending will permanently damage internal structures.

Maximum Run Length
The specified maximum continuous run length must not be exceeded. Exceeding this limit will result in overheating, uneven brightness, and shortened service life.