

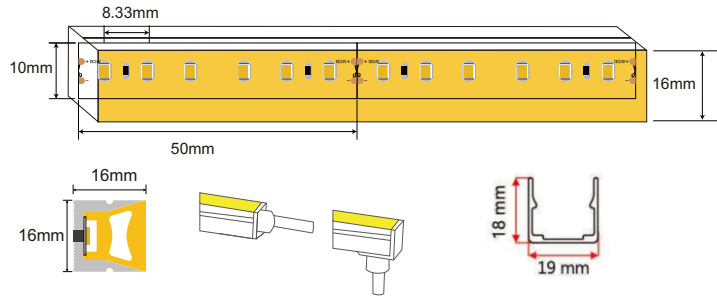
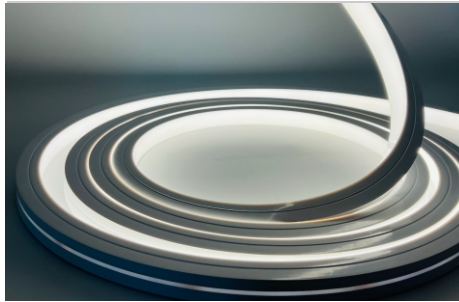
SPECIFICATION

NEON LED STRIP

N1616.2486.68.37



RoHS

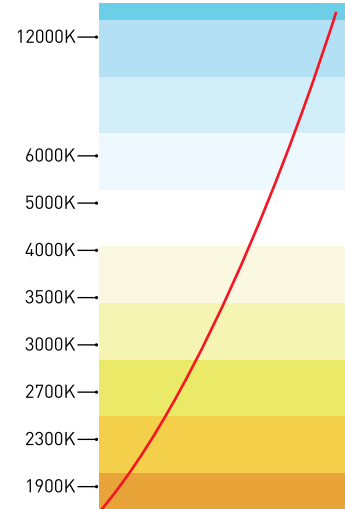


IP68



Technical Parameter

Product code	N1616.2486.68.37
LED Qty.	120LEDs/M
Size	W16*H16mm
Voltage	DC24V
Power	8.6WMax/M
CRI	80
SDCM	<=5
Warranty	2Years
Packaging	5Meters/Roll
Storage temperature	-30~80
Working temperature	-20~50
IP protection	IP68



【Notes Some parameters can be customized,such as power/voltage/CCT/CRI/SDCM/length...

Product Data

CRI	Color	Luminous flux	Luminous efficiency
80	2700 K	258Lm	30(Lm/W)
	3000 K	258Lm	30Lm/W)
	3500 K	267Lm	31(Lm/W)
	4000 K	275Lm	32(Lm/W)
	5000 K	275Lm	32(Lm/W)
	6000 K	267Lm	31(Lm/W)

Notes

Above data is the testing result of 1meter standard product in lab

Due to tolerances,the output of the light can be $\pm 5\%$ difference

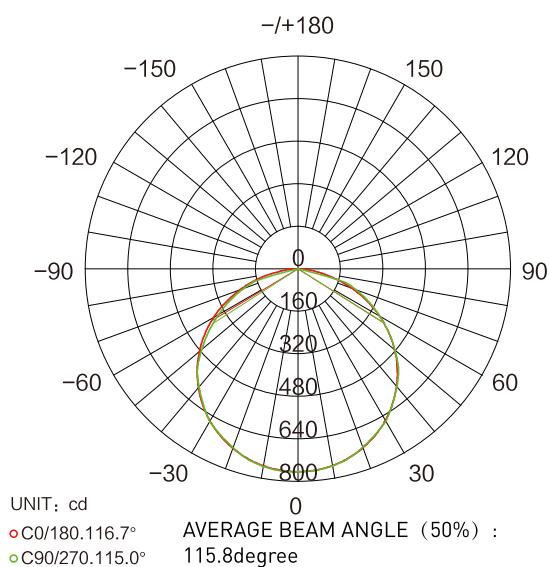
IP protection may cause the changes,a shift of the color temperature existent

Order Code

🔍 N1616.4810.68.30

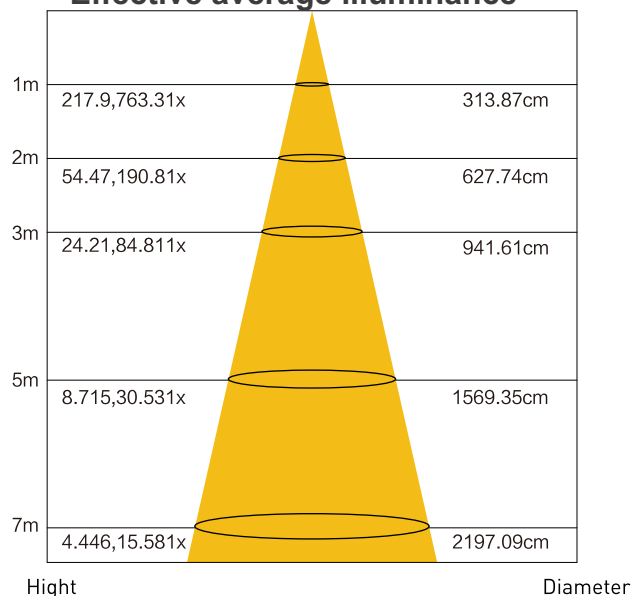
Standard	Series	LED Type	Category	Color	CCT	CRI	Voltage	LED/m	IP	Wire Output	Wire Length
A	General Series	2835	SMD	Neutral White	3700K	80	24V	120	IP68	Both side D	1m
										Single sides S	
										No wires N	

Luminous intensity distribution diagram



※Note:If you need IES files, please contact sales representative.

Effective average illuminance



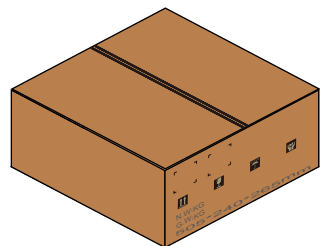
※Notes: The above test data are based on bare led strips.

IP Rate

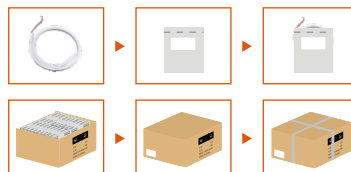
ReferencePic	Description	IP Protection	Size
	Bare LED Strip	/	/
	Silicone Coating	/	/
	Silicone Tube	/	/
	Silicone Tube Extrusion	/	/
	Silicone Integrated Extrusion	IP68	16mm*16mm

Package

IP Description	Bare LED Strip	Silicone Coating	Silicone TubeExtrusion	Silicone IntegratedExtrusion
Product Size	/	/	5000mm*16mm*16mm	
Qty's/Box	/	/	10PCS /50meters	
N.weight/Box	/	/	22KGs	
G.weight/Box	/	/	23KGs	
Outbox Size	/	/	400mm*400mm*420mm	



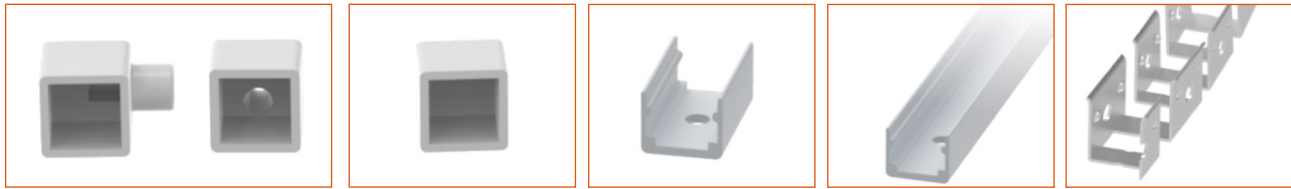
400*400*420mm(10rolls)



Note:

Standard package is 50meters/Roll as the pictures.
Customized package can be:
2meters/3meters/10meters/20meters/50meters

Accessories



End cap with hole

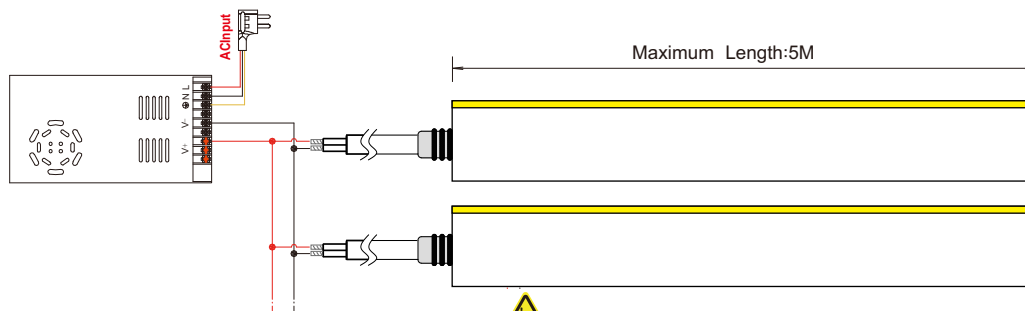
End cap no hole

Aluminum Clip

Aluminum Profile

Flexible Profile

Wiring Diagram(for your reference):



Notice the loading of the power



The ledstrip should be connected in accordance under maximum load capacity of the input wire. Series connection must be with in the maximum run length, under the load of the input. Please separate multiple pieces for connection, if the maximum length is exceeded.

Safety warning

- Standardized installation in strict accordance with national electrical standards;
- Must be installed and maintained by a qualified electrician;
- Must be read instructions of Neon completely;
- Cables that meet electrical requirements must be used between the driver, lamp and controller, improper electrical installation may cause the cable to over heat and cause a fire;
- Confirm the polarity of the product before use and correctly connect the light strip to the positive and negative poles of the driver and controller! Incorrect polarity connection will cause no light and may cause damage;
- Allow-voltage driver that matches the strip voltage must be used, and the driver power must be greater than the actual load power. It is recommended that in practical applications, the drivers should ensure a safety margin of 20% (it is recommended to use only 80% of the power) to ensure sufficient voltage to drive the light strip;
- When installed on metal or other conductive surfaces, electrical insulation protection should be done at the solder joints or exposed copper parts of the lamp strip to prevent short circuits;
- When using the product, it is necessary to avoid the contact of the LED lamp bead with corrosive substances such as acid, alkali, line adhesives, coatings, high-humidity gases, etc. If the color changes or even fails, the damage caused by improper use will not be responsible for the product;
- LED light strips should be stored in a dry and sealed environment, please unpack before use, non-waterproof light strips should be used in doors, and the relative humidity should not be higher than 70%;
- Do not pull the power cord forcibly during use, so as not to cause damage to the LED;
- Avoid stepping on, excessively bending and knotting the light strip body during use, so as to avoid damage or breakage of the LED light beads;
- The lamp beads should be protected during construction and installation, and the surface dust should be cleaned up in time after installation to avoid color differences.