

**LED NEON FLEX**

# N2-8 PRO LED Neon Flex

## Features

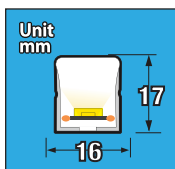
- Illuminate Long run series (up to 30 Meters) with an one-ended power connection
- Adopting quality silicone material, fully diffused and both side cable
- Available in both top and side bending, perfectly fixing for many irregular structures
- Built-in wiring—no soldering needed. Just add an end cap for a seamless, continuous light.
- Cable consists of an Anti-Wicking Ferrule wire
- Cutting mark by every 62.5mm (2.46 inch)
- IP68 with excellent weather resistance
- Dimming Function with PWM or HLG dimmable power supplies
- 5 years warranty

## Specification

Item Code	Colour	CCT(K)/Wavelength	Luminous Flux(lm)	Efficacy(lm/W)
SA 16082	Warm White	3000K	469	49
SA 16082-A	Warm White	4000K	498	52
SA 16081	Pure White	6500K	483	50
SA 16083	Red	-	101	11
SA 16084	Blue	-	46	5
SA 16086	Green	-	255	27
SA 16087	Yellow	-	104	11
SA 16088	Deep Pink(Rose)	-	70.83	3
SA 1608G	Orange	-	137	14



Dimensions (mm)



## Technical Characteristics

Power Consumption	9.6W
Voltage	DC24V
Current Dissipation	0.4A
Viewing Angle	118°
IP Rating	IP68

### Technical Characteristics

CRI	90+
Dimmable	Dimmable (with PWM or HLG Series power only)
LED Type	5050 LED
LED Quantity	96pcs/M
Cutable Length	62.5mm (24.60 inch)
Available Length	10M / 20M / 30M

### Temperature Ranges

Operating temperature	-20~+70°
Storage temperature	-20~+70°

### Warranty

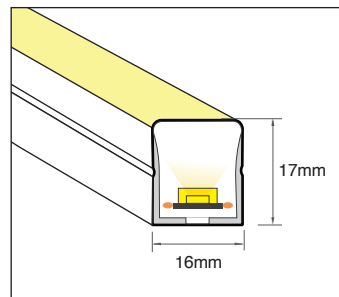
Warranty	5 Years
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### Physical Characteristics

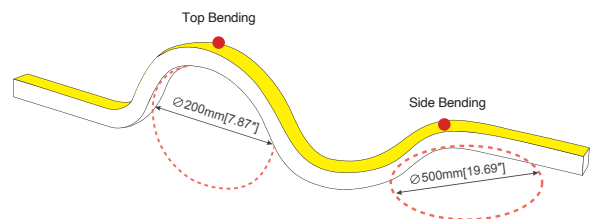
Available Length	10M	20M	30M
Dimensions(L*W*H)	10000*16*17mm	20000*16*17mm	30000*16*17mm
Weight	3.2kg	7.1kg	10.15kg

### Profile Drawings

Sectional View

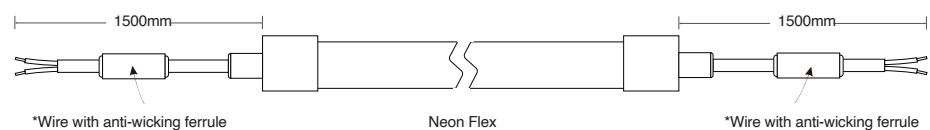


Minimum Bending Diameter



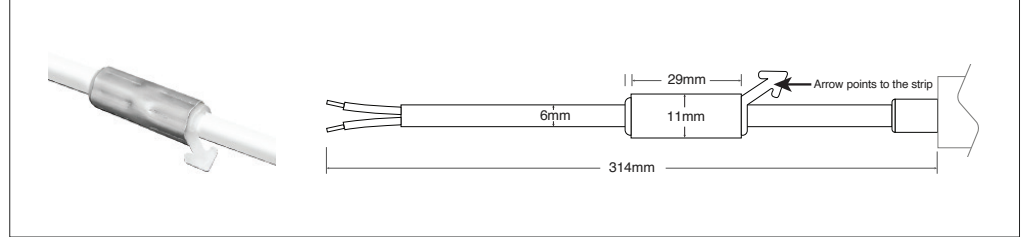
### Wire Spec Details

Both-end wiring



**\*Wire with anti-wicking ferrule**

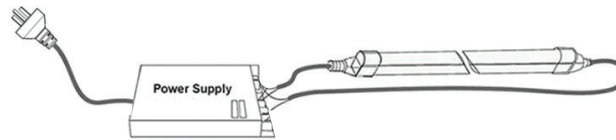
- An Anti-Wicking Ferrule Cable is designed to prevent moisture from infiltrating its interior.
- This helps extend the cable's lifespan and maintain its performance on site.



*\*Note. The anti-wicking ferrule needs to be above water for any underwater applications.  
 Do not disassemble or reprocess the ferrule; otherwise, we will not be responsible for the consequences.*

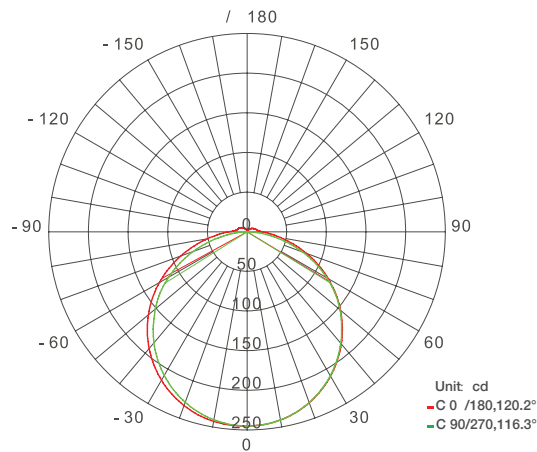
**\*Double end feed**

- We recommend connecting both ends of the neon flex to the power supply, regardless of length



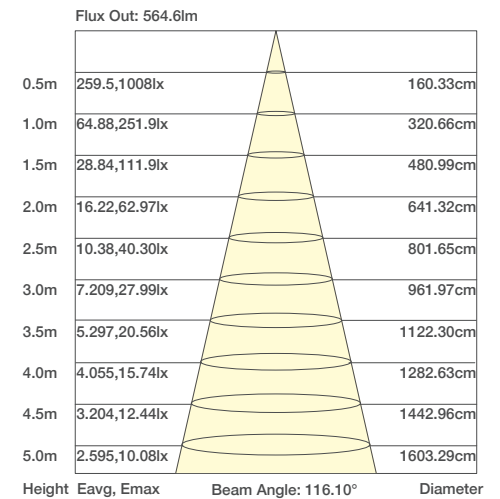
**| Luminous Intensity Distribution & Average illuminations**

**Beam Angle Diagram**



**AVERAGE BEAM ANGLE(50%): 118.3°**

**Average Illumination**



## | Accessories

### End cap



Closing End Cap  
SA 95E4



Front Cap  
SA 95E5



Front Cap (Side/Bottom Outlet)  
SA 95E6

### Mount



AL Mount 35mm  
SA 95E2



AL Mount 1M  
SA 95E1



S-type Track 1M  
SA 95E3