



# LED NEON FLEX

NSR0512





**Features**

- Color options: Single color temperature.
- Design: Superior design with exquisite craftsmanship ensure stable and reliable performance.
- Flexibility: Top bending, min. bend diameter 30mm[1.18inch].
- IP grade: Silicone extrusion.Glue process end caps, IP67 protection.
- Warranty: 5 years indoor, 3 years outdoor.
- Customization: multiple spec options, can be customized upon requirements



**Optical & Electrical Parameters**

Model No.	NSR0512				
CCT/Wavelength [K/nm]	2300K	2500K	2700K	4000K	5000K
Beam Angle [°]	145°	145°	145°	145°	145°
Luminous Flux [lm/m]	215	194	183	211	205
CRI	90+	80+	80+	80+	80+
Efficacy [lm/W]	22.1	18.7	19.2	20.4	19.8
Voltage [V DC]	24	24	24	24	24
Measured Power [W/m]	9.6	9.6	9.6	9.6	9.6

**Other Parameters**

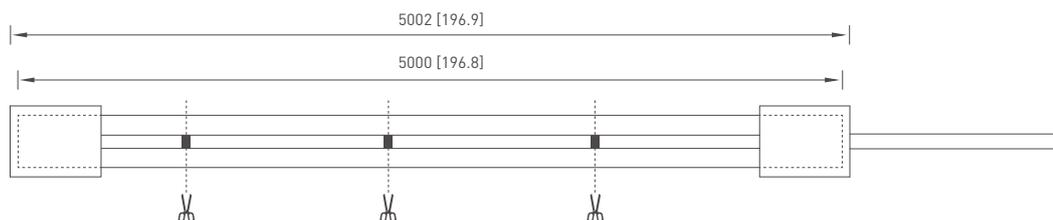
Model No.	NSR0512
LED QTY [pcs/m]	120
Product Size L*W*H(mm)	5000*5*12
Standard Run Length(mm)	5000
Min. Cuttable Length(mm)	50
Working Temperature	-20~+60°C
Storage Temperature	-20~+70°C

**Note:**

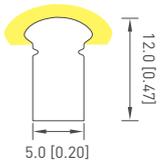
The given data are typical values. Due to tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.

**Profile Drawings**

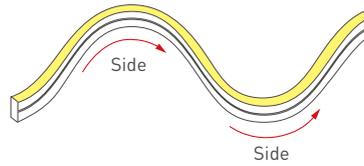
Unit:mm[inch]



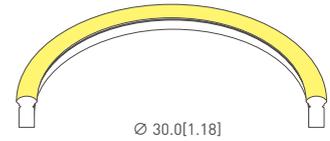
Sectional view



Bend direction

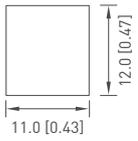


Bending Diameter



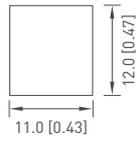
Front cap

Glue Process (IP67)



Closing End-cap

Glue Process (IP67)

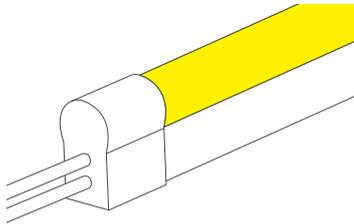


Remarks: "L" is the standard size of the light strip, can be customized according to the multiple of the minimum cutting unit length.

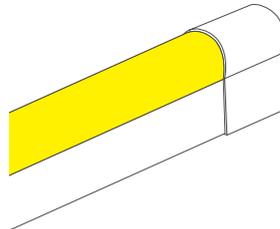
IP Process Technology

Glue Process (IP67)

Front cap



Closing End-cap



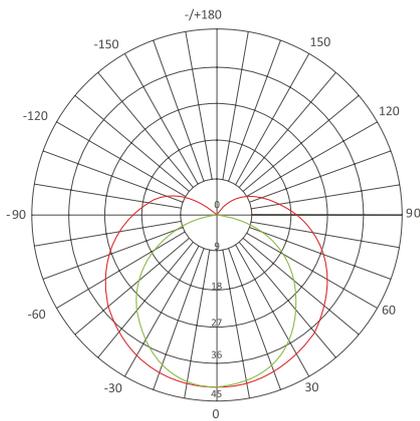
- After cutting, the IP protection of both glue processed and injection moulded product will drop to IP65, for injection moulded product, if customer self-processed injection moulded end cap for the cutted end, the IP protection will keep the IP67 level.
- Injection moulded end cap self-processing, need to prepare corresponding mold and molding equipment.
- If the customer reprocesses Blueview injection moulded end cap, and the waterproof of the molded end does not meet Blueview standard, the potential trouble covered by the warranty.

Product accessories

Item	Model No.	Dimensions (L*W*H)mm	Quantity (m)/pcs	Free/Optional
 Front cap	NSR0512-PCIS	11*14*8	(5): 3	Free
 Closing End-cap	NSR0512-ECS	11*14*8	(5): 3	Free
 Plastic Clip	NSR0512-PMC	12*9*10	(5):	Optional
 Screws	--	----	(5):	Optional
 Silicone Glue	--	----	(5): 1	Optional

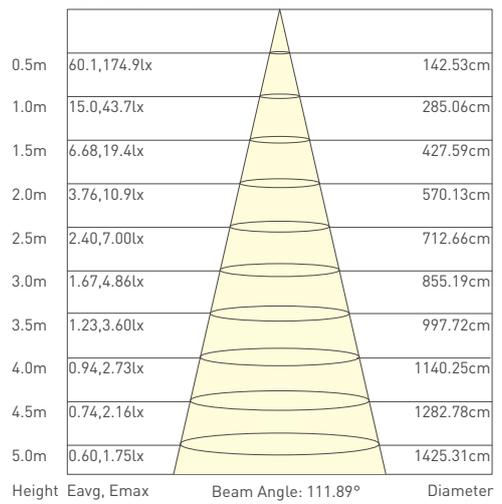
Luminous Intensity Distribution Diagram

Average Illumination



Unit: cd  
 - C 0 /180,175.5°  
 - C 90/270,110.8°  
 AVERAGE BEAM ANGLE (50%): 143.1°

Flux Out: 167.4lm



Note: for other data, please consult sales rep.

### Packaging information

Model No.	NSR0512
Product Size L*W*H (mm)	5000*5*12
Carton Size (mm)	390*390*325
Meter/Reel	5
Reel/Carton	16
Net Weight (kg)	/
Gross Weight (kg)	12.55 (1± 10%)

- Each roll(5m) of this product is loaded with a reel, and the reel is packed in an aluminum foil bag, and finally in an outer box.
- For other customized length packaging, please ask our sales rep.
- The above-mentioned packaging quantity and weight are only for the illustrated packaging method. For other packaging methods, the packaging quantity and weight will be different. The actual weight is subject to the actual product.

### Recommended power supply upon working length

Model No.	NSR0512		
Working Length(m)	1	5	10
Rated Current (A)	0.4	2.0	4.0
Rated Voltage (DC V)	24	24	24
Rated Power(W)	9.6	48	96
Recommended Power Supply(W)	12	60	120
Power Supply Mode	Single Feed	Single Feed	Double Feed