



# 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.	Voltage	Beam Angle	Dimmable	CRI	Color	Lm/m	Lm/W	Rated Power (W/m)
NSR0512	24V DC	145°	Yes	>90	2300K	215	22.1	9.6
				>80	2500K	194	18.7	9.6
				>80	2700K	183	19.2	9.6
				>80	2900K	189	19.0	9.9
				>80	4000K	211	20.4	9.6
				>80	5000K	205	19.8	9.6
				>90	6000K	221	20.2	9.6

**Other Parameters**

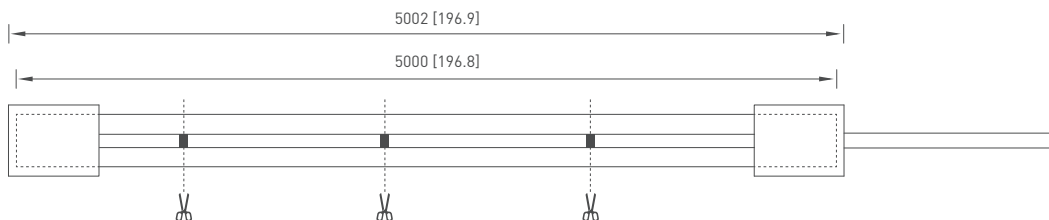
Model No.	LED QTY (pcs/m)	Min. Cuttable Length	Working Temperature	Storage Temperature
NSR0512	120	50.0mm	-20~+60°C	-20~+70°C

Note:

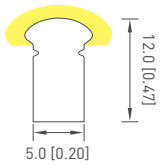
The given data are typical values. Due to tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.

**Profile Drawings**

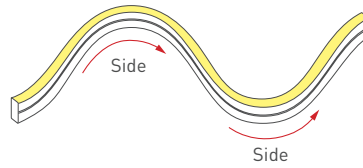
Unit:mm[inch]



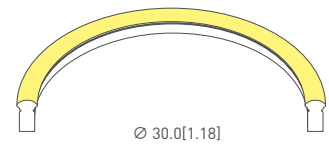
Sectional view



Bend direction

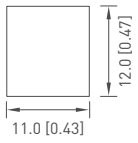


Bending Diameter



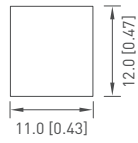
Front cap

Glue Process (IP67)



Closing End-cap

Glue Process (IP67)

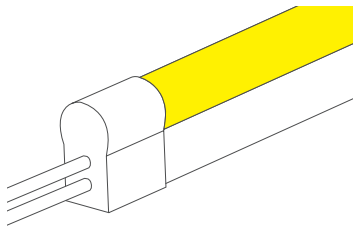


Remarks: "L" is the standard size of the light strip, can be customized according to the multiple of the minimum cutting unit length.

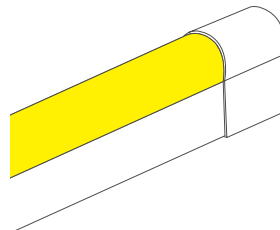
IP Process Technology

Glue Process (IP67)

Front cap



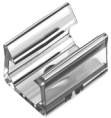




Closing End-cap



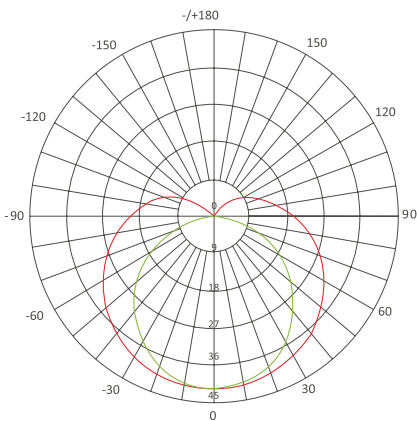
- Glue process the end cap after cutting, warranty will be provided upon IP65 rated.
- No warranty will be provided if the injection moulded(IP68) end cap destroyed or reprocessed.
- Corresponding molding equipment and mold needed for self-processing injection moulded end cap, contact the sales for more information.

Product accessories

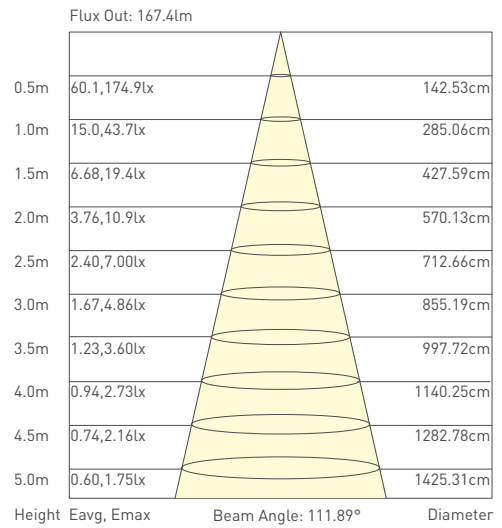
Item	Model No.	Dimensions (L*W*H)mm	Quantity (m)/pcs	Free/Optional
	NSR0512-PCIS	11*14*8	(5): 3	Free
	NSR0512-ECS	11*14*8	(5): 3	Free
	NSR0512-PMC	12*9*10	(5):	Optional
	PA3	PA3*10	(5):	Optional
	WR-7516	300g/pc	(5): 1	Optional

Luminous Intensity Distribution Diagram

Average Illumination



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



Note: for other data, please consult sales rep.

### Packaging information

Model No.	Product Size L*W (mm)	Carton Size (mm)	Meter/Reel	Reel/Carton	Net Weight (kg)	Gross Weight (kg)
NSR0512	5000*5*12	390*390*325	5	16	/(1±10%)	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
Measured Current (A)	0.4	1.8	3.6
Rated Voltage (DC V)	24	24	24
Measured Power(W)	9.6	43.2	86.4
Recommended Power Supply(W)	12	60	120
Power Supply Mode	Single Feed	Single Feed	Double Feed

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