

LED NEON FLEX

NSF0612





Features

- Color options: Single color and tunable white.
- Design: Superior design with exquisite craftsmanship ensure stable and reliable performance.
- Flexibility: Side 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.	NSF0612-Single color									
CCT/Wavelength (K/nm)	2200K	2900K	3900K	4500K	5400K	Red	Green	Blue	Yellow	
Beam Angle (°)	113°	113°	113°	113°	113°	113°	113°	113°	113°	113°
Luminous Flux (lm/m)	123	214	218	211	224	86	114	39	201	
CRI	90+	80+	80+	80+	80+	/	/	/	/	
Efficacy (lm/W)	10.7	18.8	19.3	18.8	19.9	7.2	9.5	3.3	16.8	
Voltage (V DC)	12	12	12	12	12	12	12	12	12	
Measured Power (W/m)	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	

Model No.	NSF0612-WN	
CCT/Wavelength (K/nm)	2900K	5200K
Beam Angle (°)	112°	112°
Luminous Flux (lm/m)	206	220
CRI	80+	80+
Efficacy (lm/W)	31	33
Voltage (V DC)	12	12
Measured Power (W/m)	14.4	14.4

Other Parameters

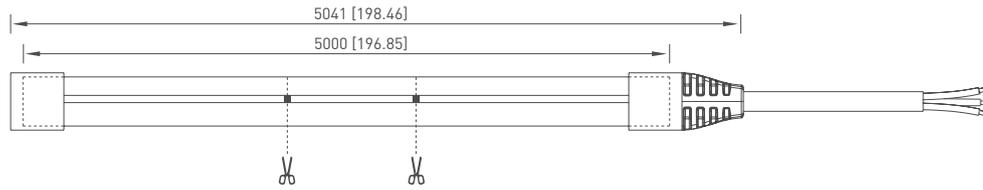
Model No.	NSF0612-Single color	NSF0612-WN
LED QTY (pcs/m)	120	240
Product Size L*W*H(mm)	5000*6*12	5000*6*12
Standard Run Length(mm)	5000	5000
Min. Cuttable Length(mm)	25	25
Working Temperature	-20~+60°C	-20~+60°C
Storage Temperature	-20~+70°C	-20~+70°C

Note:

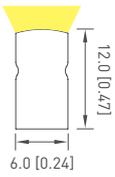
The given data are typical values. Due to tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.

Profile Drawings

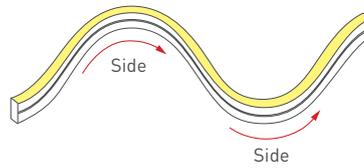
Unit:mm[inch]



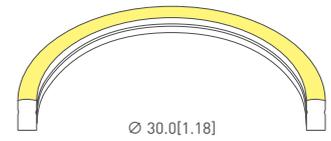
Sectional view



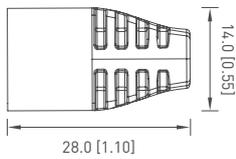
Bend direction



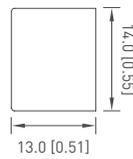
Bending Diameter



Front cap



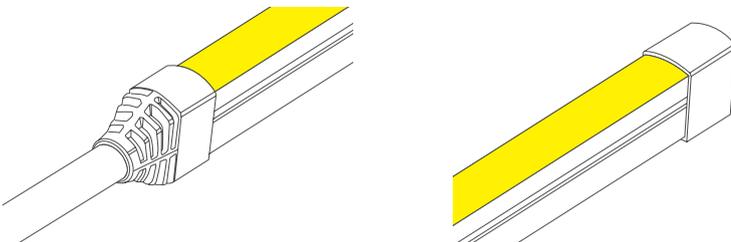
Closing End-cap



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)



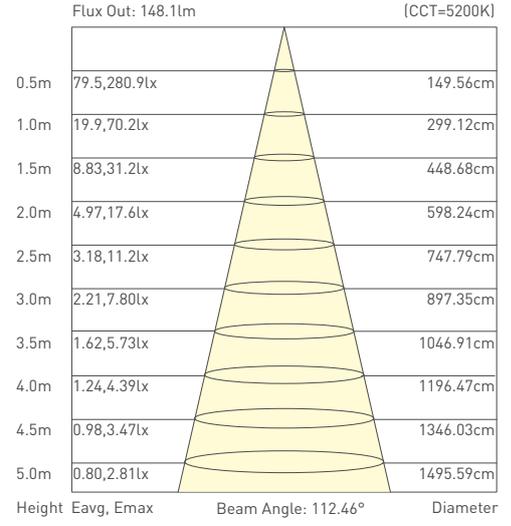
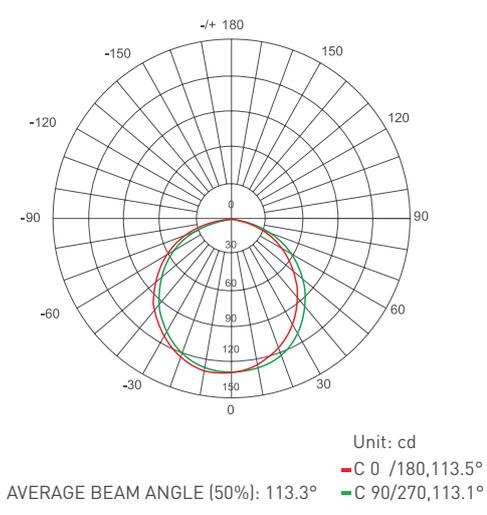
- After cutting, the IP protection of both glue processed and injection moulded product will drop to IP65, for injection moulded product, if customer self-processed injection moulded end cap for the cutted end, the IP protection will keep the IP67 level.
- Injection moulded end cap self-processing, need 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 (ml)/pcs	Free/Optional
	NSF0612-PCIS	28*14*9.23	(5): 3	Free
	NSF0612-ECS	13*14*8	(5): 3	Free
	NSF0612-PMC	12*10*12	(5): 12	Optional
	--	----	(5): 12	Optional
	--	----	(5): 1	Optional

Luminous Intensity Distribution Diagram

Average Illumination



Note: for other data, please consult sales rep.

Packaging information

Model No.	NSF0612
Product Size L*W*H (mm)	5000*6*12
Carton Size (mm)	390*390*325
Meter/Reel	5
Reel/Carton	20
Net Weight (kg)	/
Gross Weight (kg)	14.30 (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.	NSF0612-Single color		NSF0612-WN	
	1	5	1	5
Working Length(m)	1	5	1	5
Rated Current (A)	1.0	3.6	1.2	4.0
Rated Voltage (DC V)	12	12	12	12
Rated Power(W)	12.0	43.2	14.4	48.0
Recommended Power Supply(W)	18	60	18	60
Power Supply Mode	Single Feed	Single Feed	Single Feed	Single Feed