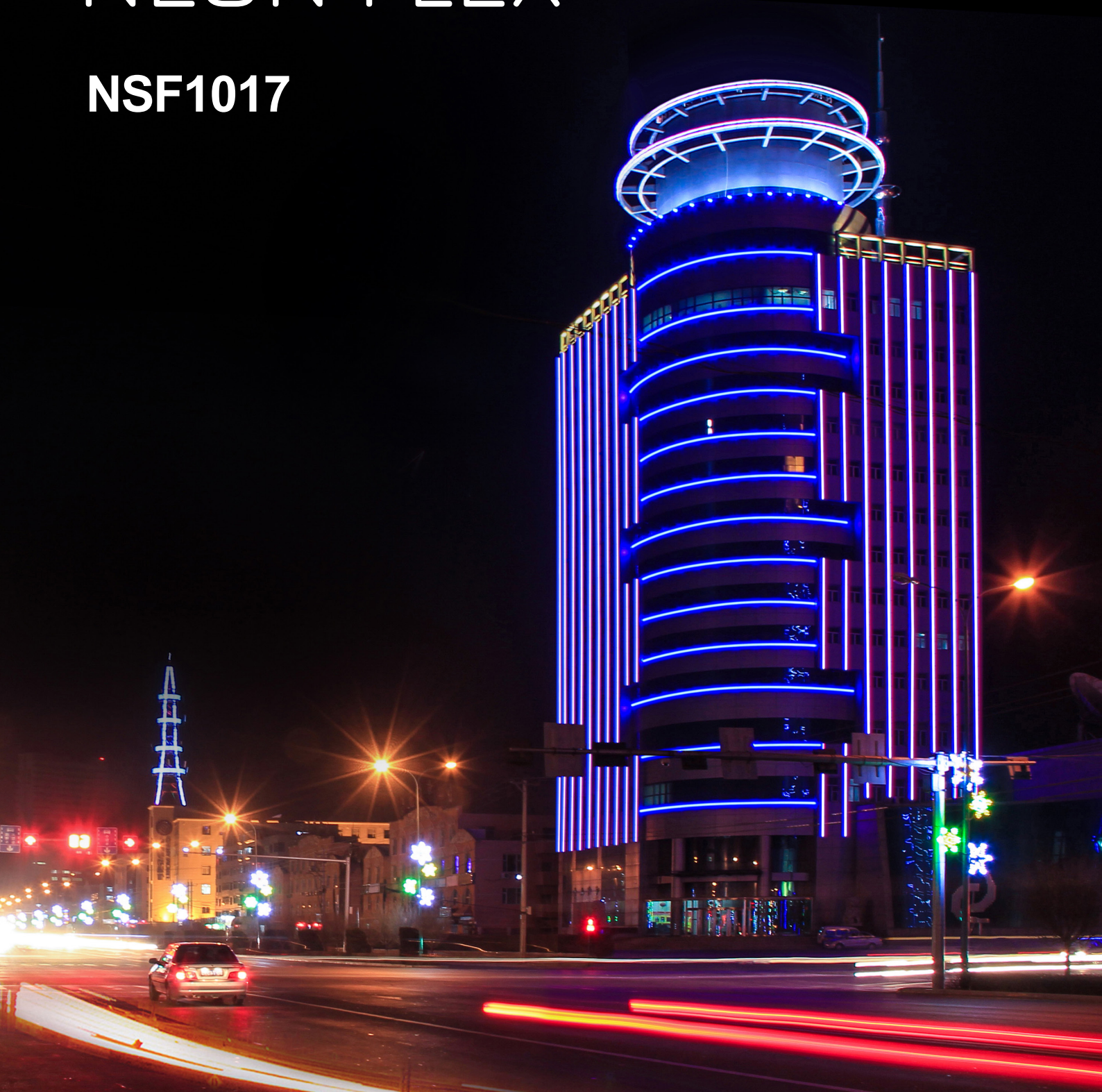


# LED NEON FLEX NSF1017





**Features**

- Color options: Single color, tunable white, RGB and RGBW.
- Design: Superior design with exquisite craftsmanship ensure stable and reliable performance.
- Flexibility: Side bending, min. bend diameter 60mm [2.36inch].
- IP grade: Silicone extrusion, molding pressed IP68 protection. 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)					
NSF1017-Single color	24V DC	120°	No	>90	2300K	326	27.4	11.5					
					3000K	379	32.4						
					4000K	402	34.5						
					5000K	399	34.0						
					6300K	392	33.4						
				/	Red	146	12.2	11.5					
					Green	293	24.1						
NSF1017-WN	24V DC	115°	Yes	>80	2700K	263	36.6	7.2					
					6500K	278	38.5	7.2					
					W+N	528	36.8	14.4					
					NSF1017-RGB	24V DC	120°	Yes	/	Red	35	7.8	5.7
										Green	66	11.6	5.7
NSF1017-RGBW	24V DC	120°	Yes	>90	RGB	17	2.7	5.7					
					3000K	112	6.8	17.2					
					Red	42	9.4	5.04					
					Green	150	28.2	5.04					
					Blue	34	6.5	5.04					
NSF1017-RGBW	24V DC	120°	Yes	/	RGBW	394	19.2	20.16					
					Red	42	9.4	5.04					
					Green	150	28.2	5.04					

**Other Parameters**

Model No.	LED QTY (pcs/m)	Min. Cuttable Length	Working Temperature	Storage Temperature
NSF1017-Single color	112	62.5mm	-20~+60°C	-20~+70°C
NSF1017-WN	240	50.0mm		
NSF1017-RGB	108	55.6mm		
NSF1017-RGBW	84	71.42mm		

**Note:**

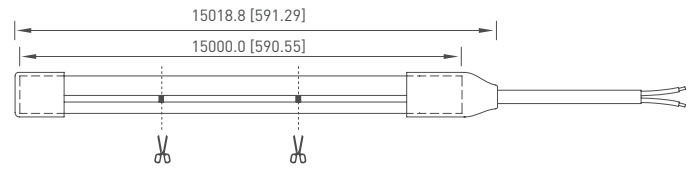
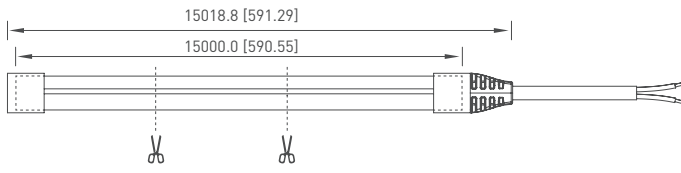
The given data are typical values. Due to tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.

Profile Drawings

Unit:mm[inch]

Glue Process (IP67)

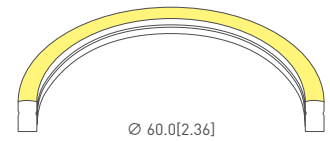
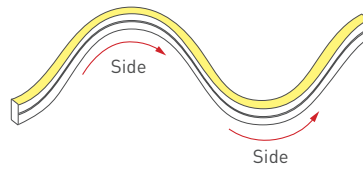
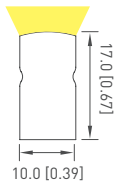
Molding Pressed (IP68)



Sectional view

Bend direction

Bending Diameter



Front cap

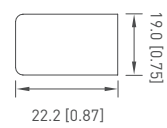
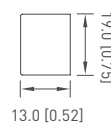
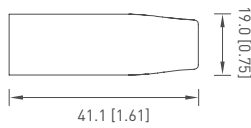
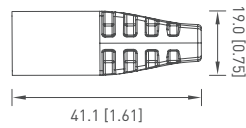
Closing End-cap

Glue Process (IP67)

Molding pressed (IP68)

Glue Process (IP67)

Molding pressed (IP68)

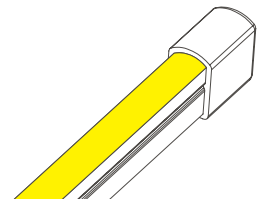
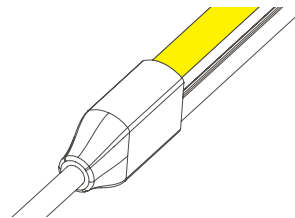
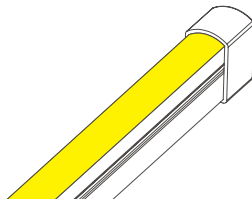
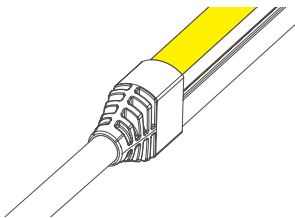


Remarks: "L" is the standard size of the light strip, can be customized according to the multiple of the minimum cutting unit length.

IP Process Technology

Glue Process (IP67)

Molding pressed (IP68)




- 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

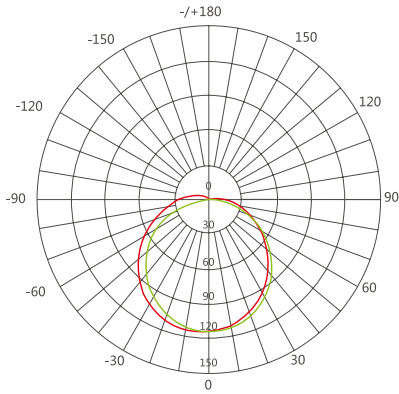
Item	Model No.	Dimensions (L*W*H)mm	Quantity (m)/pcs	Free/Optional
 Front cap (Glue Process)	NSF1017-PCIS	41*12*19	(10/15): 2-4pcs	Free
 Closing End-cap (Glue Process)	NSF1017-ECS	13*14*8	(10/15): 2-4pcs	Free
 Front cap (Molding pressed)	NSF1017-PCIIM	44*28*15	(10/15): ----	Optional
 Closing End-cap (Molding pressed)	NSF1017-ECIM	28*28*15	(10/15): ----	Optional
 Front cap (Left)	NSF1017-PCLS	26*18*19	(10/15): ----	Optional
 Front cap (Right)	NSF1017-PCBS	26*18*19	(10/15): ----	Optional
 Front cap (bottom)	NSF1017-PCBS	26*12*24	(10/15): ----	Optional
 S-type track	NSF1017-ACS	500*11*17	(10/15): ----	Optional
 Aluminum track	NSF1017-AMC	25*12.3*17	(10/15): ----	Optional
 Aluminum channel	NSF1017-AC	1000*12.3*17	(10/15): ----	Optional
 Screws	PA3	PA3*10	(10/15): ----	Optional

Product accessories

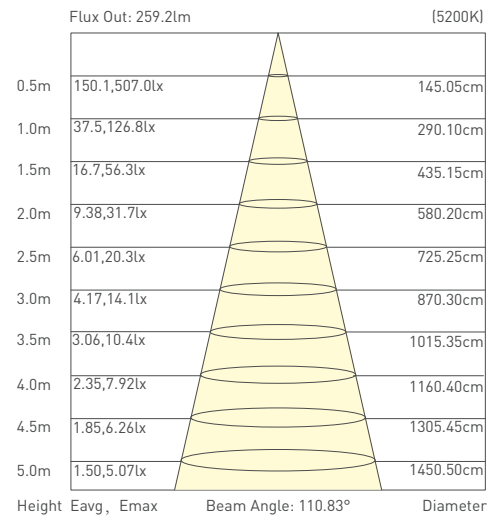
Item	Model No.	Dimensions (L*W*H)mm	Quantity (m)/pcs	Free/Optional
	Silicone Glue	WR-7516	300g/pc	(10/15): 1 Optional

Luminous Intensity Distribution Diagram

Average Illumination



Unit: cd  
 - C 0 /180,120.2°  
 - C 90/270,113.6°  
 AVERAGE BEAM ANGLE (50%): 116.9°



Note: The data is the test result of Single color at CCT of 5200K. 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)
NSF1017-Single color	15000*10*17	390*390*200	15	2	/(1± 10%)	6.80 (1± 10%)
NSF1017-WN	10000*10*17	380*380*325	10	6	/(1± 10%)	14.15 (1± 10%)
NSF1017-RGB	5000*10*17	390*390*325	5	12	/(1± 10%)	15.50 (1± 10%)
NSF1017-RGBW	5000*10*17	390*390*325	5	10	/(1± 10%)	12.50 (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.	NSF1017-Single color				NSF1017-WN		
Working Length(m)	1	5	10	15	1	5	10
Measured Current (A)	0.48	2.4	4.8	7.2	0.6	3.0	8.0
Rated Voltage (DC V)	24	24	24	24	24	24	24
Measured Power(W)	11.5	57.6	115.2	172.8	14.4	72.0	114.0
Recommended Power Supply(W)	20	80	150	250	25	100	200
Power Supply Mode	Single Feed	Single Feed	Single Feed	Single Feed	Single Feed	Single Feed	Single Feed

Model No.	NSF1017-RGB		NSF1017-RGBW	
Working Length(m)	1	5	1	5
Measured Current (A)	0.72	3.24	0.84	3.78
Rated Voltage (DC V)	24	24	24	24
Measured Power(W)	17.28	77.76	20.16	90.72
Recommended Power Supply(W)	24	100	30	120
Power Supply Mode	Single Feed	Single Feed	Single Feed	Single Feed

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