

LED NEON FLEX

NDF1617-48V





Features

- Application: For large building and architecture lighting and decoration with good flexibility.
- Long Run: adopt 48VDC voltage for longer max. Run length reach as 35meters single end powered,also possibility to reach 50m if power consumption reduced within acceptable brightness.
- High CRI: CRI80 or CRI90 for choice.
- Uniformity: high uniformity and high brightness as 580lm/m
- IP grade: Silicone extrusion, injection molded cap, 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	Power (W/m)
NDF1617-48V-single color	48V DC	110°	Yes	>80	2600K	520	58	9.6
					3000K	550	60	
					4200K	570	63	
					5000K	580	64	
					6000K	560	62	
NDF1617-48V-single color	48V DC	110°	Yes	>90	2200K	500	56	9.6
					2600K	520	58	
					2800K	540	59	
					4000K	570	63	
					4800K	590	66	
					5800K	560	62	
					NDF1617-48V-single color	48V DC	110°	
Green	540	61						
Blue	120	13						
Yellow	150	17						
Orange	230	26						

Other Parameters

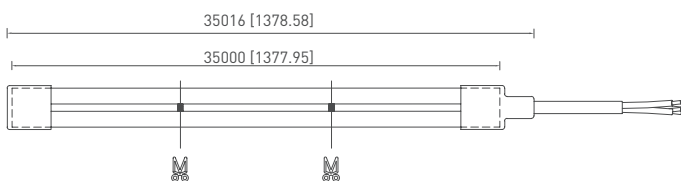
Model No.	LED QTY (pcs/m)	Min. Cuttable Length	Working Temperature	Storage Temperature
NDF1617-48V-single color	120	100.0mm	-20~+60°C	-20~+70°C

Note:

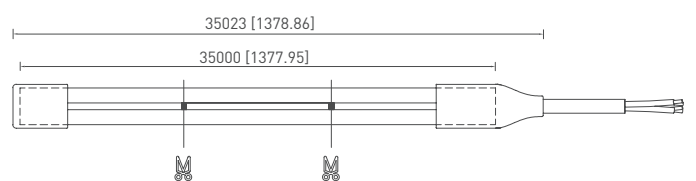
The given data are typical values. Due to tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.

Profile Drawings

Glue Process (IP67)

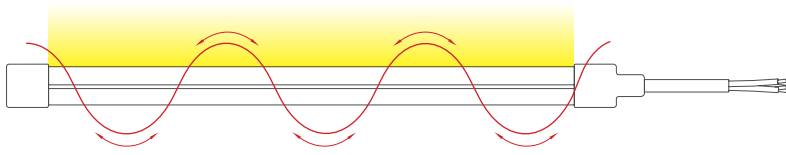


Injection Moulded (IP68)

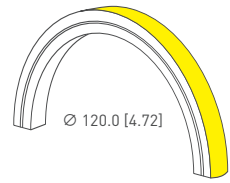


Unit: mm[inch]

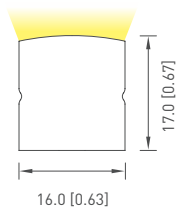
Bend direction



Bending Diameter

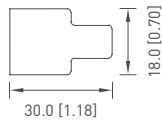


Sectional view

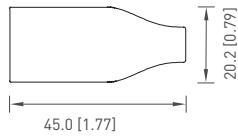


Front cap

Glue Process (IP67)

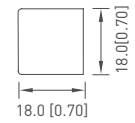


Injection Moulded (IP68)

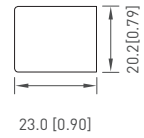


Closing End-cap

Glue Process (IP67)



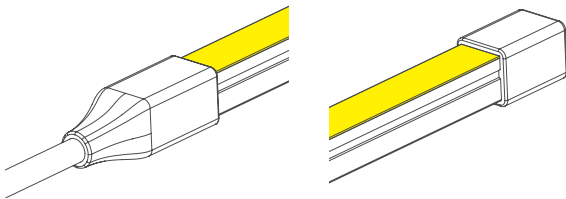
Injection Moulded (IP68)



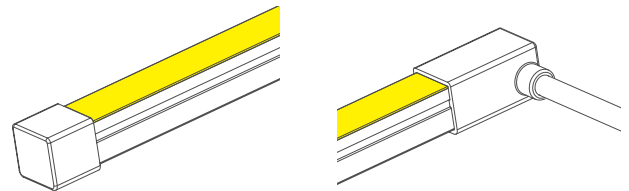
Remarks: "L" is the standard size of the light strip, can be customized according to the multiple of the minimum cutting unit length.

IP Process Technology

Injection Moulded (IP68)



Glue Process (IP67)



- 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 (Injection Moulded)	NDF1617-PCIM	45.0*19.2*20.2	(5/10): 5/10	Optional
	Closing End-cap (Injection Moulded)	NDF1617-ECIM	23.0*19.2*20.2	(5/10): 5/10	Optional
	Front Cap	NDF1617-PCIS	30.0*18.0*18.0	(5/10): 3/6	Free
	Closing End-cap	NDF1617-ECS	18.0*19.0*18.0	(5/10): 3/6	Free
	Front Cap(Side)	NDF1617-PCBS	25.0*30.0*19.0	(5/10): 3/6	Optional
	3.5cm Aluminum Track	NDF1617-AMC	35.0*21.2*19.0	(5/10): 5/10	Optional
	Aluminum Channel	NDF1617-AC	1000*19.3*18.7	(5/10): 3/6	Optional
	Aluminum Clip	NDF1617-ACC	35.0*19.3*18.7	(5/10): --	Optional
	S-type Track	NDF1617-ACS	500*17.2*17.8	(5/10): 5/10	Optional
	Screws	PA3	PA3*10	(5/10): 10/20	Optional
	Silicone Glue	WR-7516	300g/pc	(5/10/15): 1	Optional

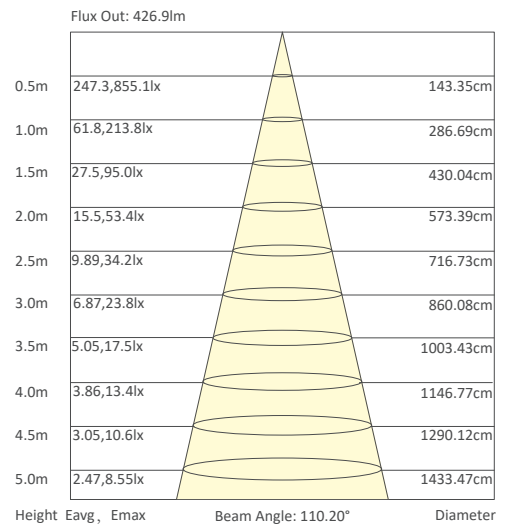
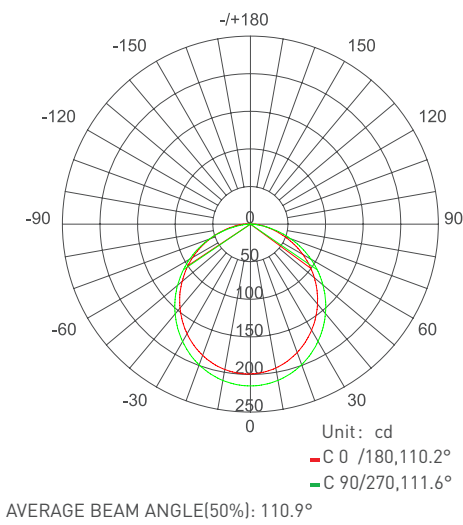
Packaging information

Model No.	Product Size L*W (mm)	Carton Size (mm)	Meter/Reel	Reel/Carton	Net Weight (kg)	Gross Weight (kg)
NDF1617-48V	35000*16*17	390*390*325	35	1	/ (±10%)	12.85 (± 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.

Luminous Intensity Distribution Diagram

Average Illumination



Note: the above two figures are tested with the sample NDF1617-48V, for other data, please consult sales, rep.

Recommended power supply upon working length

Model No.	NDF1617-48V	
Working Length (m)	1	35
Measured Current (A)	0.20	7.0
Rated Voltage (DC V)	48	48
Measured Power(W)	9.6	336
Recommended Power Supply (W)	24	600
Power Supply Mode	Single Feed	Single Feed

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