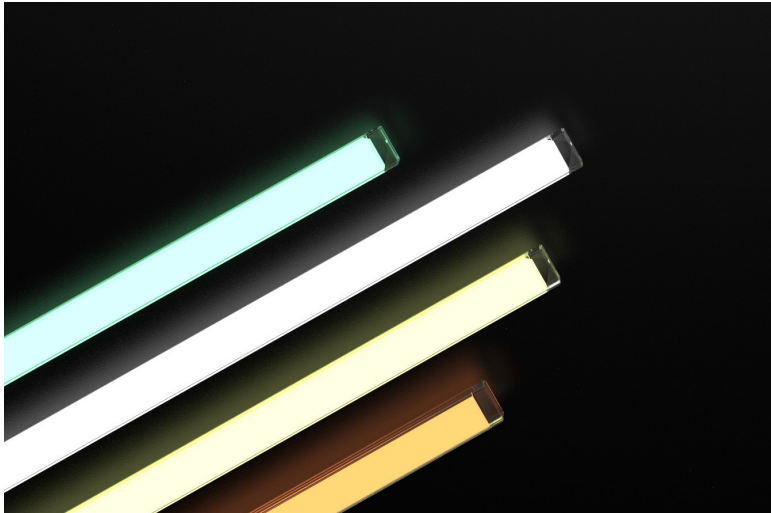


# LED NEON FLEX NDF1212





**Features**

- Color options: Single color, Tunable white and RGB.
- Design: Superior design with exquisite craftsmanship ensure stable and reliable performance.
- Flexibility: Top bending, min. bend diameter 60mm[2.36].
- 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)
NDF1212-Single color	24V DC	115°	No	>90	2300K	448	38.3	11.5
					2700K	638	55.7	
					3000K	691	59.8	
					4100K	734	62.8	
					4800K	744	63.7	
					6000K	710	60.8	
				/	Red	260	22.3	
					Green	758	65.0	
NDF1212-WN	24V DC	115°	Yes	>80	3000K	463	64.3	7.2
					6000K	464	64.9	7.2
					W+N	912	63.7	14.4
					Red	90	19.2	4.8
NDF1212-RGB	24V DC	115°	Yes	/	Green	234	47.7	4.8
					Blue	48	10.2	4.8
					RGB	356	25.3	14.4

**Basic Parameters**

Model No.	LED QTY (pcs/m)	Min. Cuttable Length (mm)	Working Temperature	Storage Temperature
NDF1212-Single color	144	41.66	-20~+60°C	-20~+70°C
NDF1212-WN	240	50.0		
NDF1212-RGB	120	50.0		

Note: The given data is 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%.

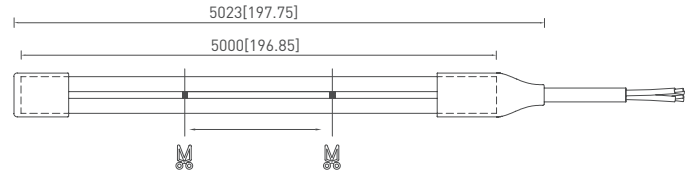
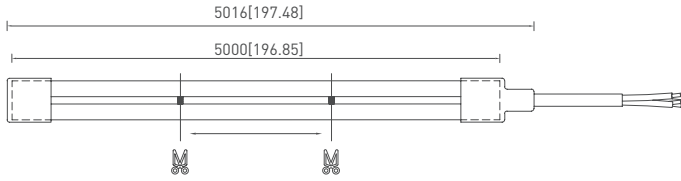


Profile Drawings

Glue Process (IP67)

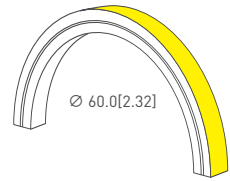
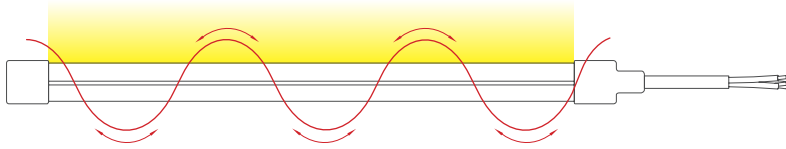
molding pressed (IP68)

Unit:mm[inch]



Bend direction

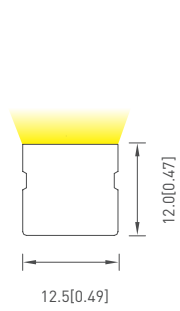
Bending Diameter



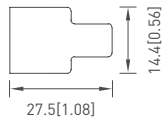
Sectional view

Front cap

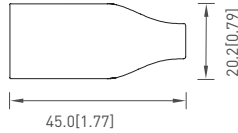
Closing End-cap



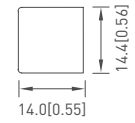
Glue Process (IP67)



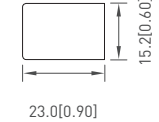
Molding Pressed (IP68)



Glue Process (IP67)



Molding Pressed (IP68)

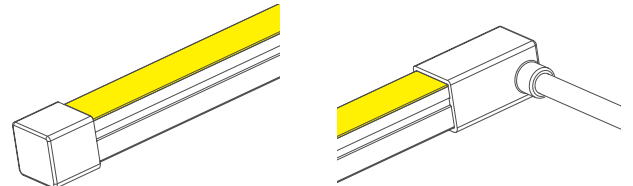
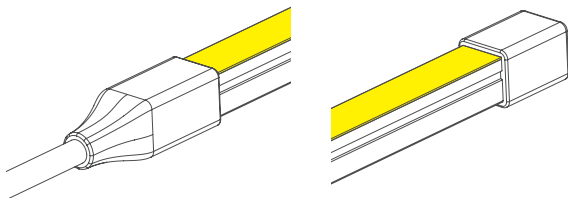


Remarks: "L" is the standard size of the light strip, can be customized according to the multiple of the minimum cutting unit length.

IP Process Technology


Molding Pressed (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.

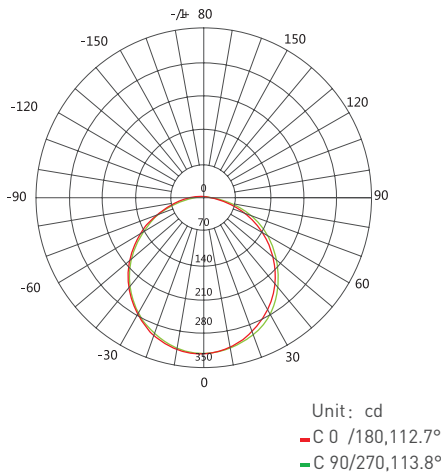
## Product accessories

Item	Model No.	Dimensions (L*W*H)mm	Quantity (m)/pcs	Free/Optional
 Front cap (Molding Pressed)	NDF1212-PCIIM	44*15.7*15.2	(5/10/15): 1	Optional
 Closing End-cap (Molding Pressed)	NDF1212-ECIM	23*15.7*15.2	(5/10/15): 3/6/9	Optional
 Front cap	NDF1212-PCIS	27.5*14.9*14.4	(5/10/15): 3/6/9	Free
 Closing End-cap	NDF1212-ECS	14*4.9*14.4	(5/10/15): 1	Free
 Front cap (Left)	NDF1212-PCLS	27.5*20.9*14.4	(5/10/15): 3/6/9	Optional
 Front cap (Right)	NDF1212-PCRS	27*20.4*14.4	(5/10/15): 3/6/9	Optional
 Front cap (Bottom)	NDF1212-PCBS	27*20.4*14.9	(5/10/15): 3/6/9	Optional
 Aluminum Channel	NDF1212-AC	1000*14.8*15	(5/10/15): 5/10/15	Optional
 S-type Track	NDF1212-ACS	500*13.5*13.6	(5/10/15): 5/10/15	Optional
 3.5cm Aluminum track	NDF1212-AMC	35*14.8*15	(5/10/15): 15/34/45	Optional

Product accessories

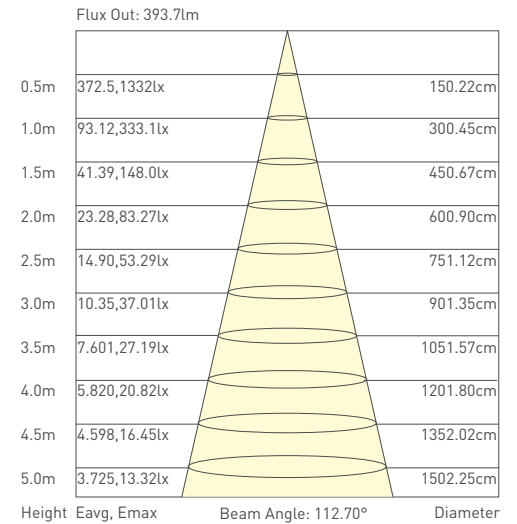
Item	Model No.	Dimensions (L*W*H)mm	Quantity (m)/pcs	Free/Optional
 Screws	PA3	PA3*10mm	NDF1212-AC:3pcs/piece NDF1212-ACS:2pcs/piece NDF1212-AMC:2pcs/piece	Optional
 Silicone Glue	WR-7516	300g/pc	(5/10/15):1	Optional

Luminous Intensity Distribution Diagram



AVERAGE BEAM ANGLE (50%): 113.3°

Average Illumination



Note: the above two figures are tested with the sample NDF1212-WN at CCT 6000K, 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)
NDF1212-Single color	15000*12.5*12	390*390*325	15	3	/(1±10%)	11.15 (1± 10%)
NDF1212-WN	10000*12.5*12	390*390*325	10	3	/(1±10%)	8.45 (1± 10%)
NDF1212-RGB	5000*12.5*12	390*390*325	5	15	/(1±10%)	17.95 (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.	NDR1212-Single color		NDF1212-WN		NDF1212-RGB	
Working Length(m)	1	15	1	10	1	5
Measured Current (A)	0.48	7.2	0.6	6.0	0.6	2.7
Rated Voltage (DC V)	24	24	24	24	24	24
Measured Power(W)	11.52	172.8	14.4	144	14.4	64.8
Recommended Power Supply(W)	24	240	24	200	24	100
Power Supply Mode	Single Feed	Single Feed	Single Feed	Single Feed	Single Feed	Single Feed

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