

LED NEON FLEX

NDR2018
Constant Current





Features

- Color options: Single color
- Design: Superior design with exquisite craftsmanship ensure stable and reliable performance.
- Flexibility: Top bending, min. bend diameter 60mm [3.36inch].
- IP grade: Silicone extrusion, molding pressed cap, IP67 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)	
NDR2018	24V DC	156°	Yes	>80	2800K	1374	79.7	15.3	
					4300K	1469	91.7		
					5300K	1459	87.1		
					6700K	1409	86.3		
					/	Red	290	20.0	15.3
					Green	925	57.0		
					Blue	224	14.0		
					Yellow	332	22.0		
					Orange	129	8.0		

Other Parameters

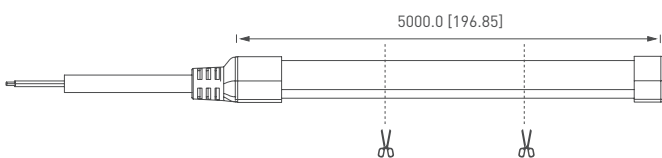
Model No.	LED QTY (pcs/m)	Min. Cuttable Length (mm)	Working Temperature	Storage Temperature
NDR2018	96	62.5	-20~+60°C	-20~+70°C

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%.

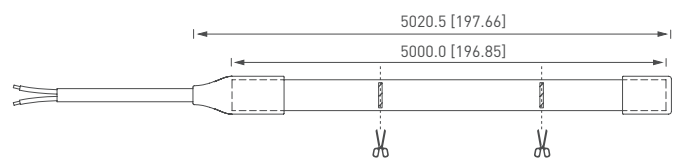
Profile Drawings

Unit:mm [inch]

Glue Process (IP67)

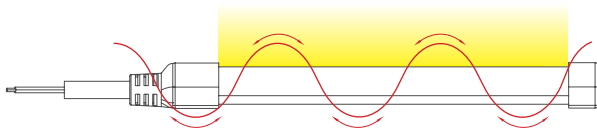


Molding pressed (IP67)

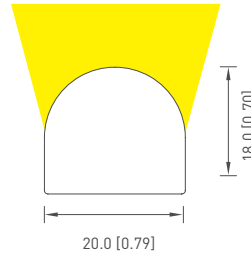


Bend direction

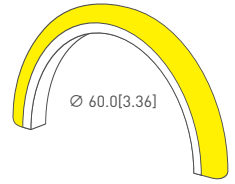
Top Bending



Sectional view



Bending Diameter



Front cap

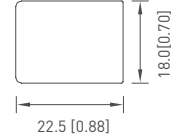
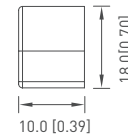
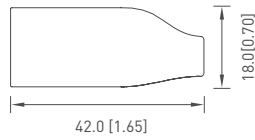
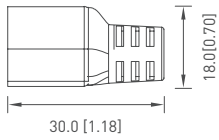
Closing End-cap

Glue Process (IP67)

Molding pressed (IP67)

Glue Process (IP67)

Molding pressed (IP67)

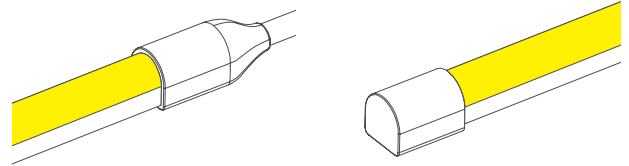
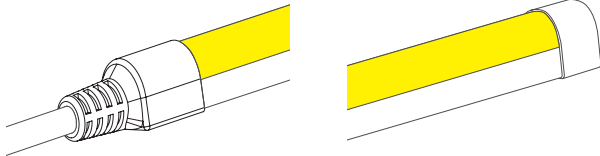


Remarks: "L" is the standard size of the light strip, can be customized according to the multiple of the minimum cutting unit length.

IP Process Technology

Glue Process (IP67)

Molding pressed (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.

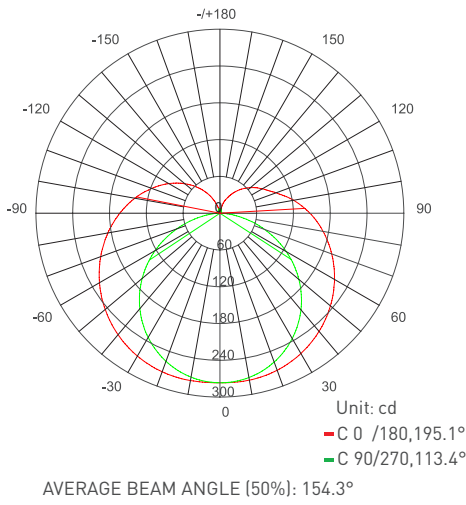
Product accessories

Item	Model No.	Dimensions (L*W*H)mm	Quantity (m)/pcs	Free/Optional
Front cap (Molding pressed)	NDR2018-PCIIM	42*23.2*21.2	(5/10):2/4	Optional
Closing End-cap (Molding pressed)	NDR2018-ECIM	22.5*23.2*21.2	(5/10):2/4	Optional

	Front cap	NDR2018-PCIS	30.0*23.0*21.0	(5/10):2/4	Free
	Closing End-cap	NDR2018-ECS	10.0*23.0*21.0	(5/10):2/4	Free
	Front cap (Left)	NDR2018-PCLS	42.0*46.0*21.0	(5/10):2/4	Optional
	Front cap (Right)	NDR2018-PCRS	42.0*46.0*21.0	(5/10):2/4	Optional
	Front cap (Bottom)	NDR2018-PCBS	31.50*22.89*44.50	(5/10):2/4	Optional
	Clip	NDR2018-Clip	20*25*10	(5/10):20/40	Optional
	Plastic Channel	NDR2018-pc	1220*25.5*10	(5/10):	Optional
	screws	PA3	PA3*10mm	NDR2018-Clip:1pc/piece NDR2018-PC: 3pcs/piece	Optional
	Silicone Glue	WR-7516	300g/pc	(5/10):1	Optional

Luminous Intensity Distribution Diagram

Average Illumination



Flux Out: 683.2lm

0.01m	917084,2837520lx	3.03cm
0.02m	229271,709380lx	6.07cm
0.03m	101898,315280lx	9.10cm
0.04m	57318,177345lx	12.13cm
0.05m	36683,113501lx	15.16cm
0.06m	25475,78820lx	18.20cm
0.07m	18716,57909lx	21.23cm
0.08m	14329,44336lx	24.26cm
0.09m	11322,35031lx	27.30cm
0.10m	9171,28375lx	30.33cm
Height	Eavg, Emax	Diameter

Beam Angle: 113.19°

Note: for other datas, 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)
NDR2018	15000*20*18	380*380*325	5	3	/(1±10%)	16.65 (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

NDR2018					
Working Length (m)	1	5	10	15	
Measured Current (A)	0.64	3.2	6.4	9.6	
Rated Voltage (DC V)	24	24	24	24	
Measured Power(W)	15.36	76.8	153.6	230.4	
Recommended Power Supply (W)	25	100	200	300	
Power Supply Mode	Single Feed	Single Feed	Single Feed	Single Feed	

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