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LED
NEON FLEX

NDR1004

LED NEON FLEX

Features

- Color options: Single color.
- Using half-pack extrusion,strong weather resistance and good heat dissipation performance
- Super short cuttable length
- Flexibility: Top bending, min. bend diameter 25mm [0.98inch].
- IP54 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	Measured Power (W/m)
NDR1004	24V DC	120°	No	>90	2200K	1060	55.4	19.2
					2500K	1243	69.0	
					2700K	1060	61.0	
					2900K	1128	62.9	
					3500K	1426	79.7	
					4000K	1147	62.6	
					5000K	1241	67.8	
					6000K	1239	67.1	

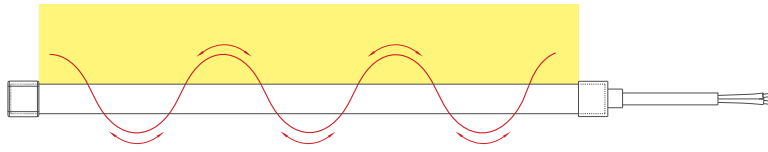| Model No.	LED QTY (pcs/m)	Min. Cuttable Length	Working Temperature	Storage Temperature
NDR1004	420	16.66mm	-20~+60℃	-20~+70℃

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%.
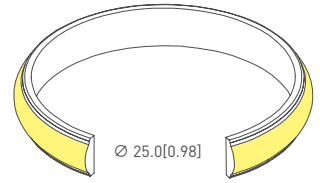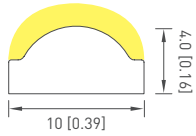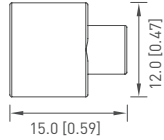
Profile Drawings

Unit:mm[inch]

5014.5 [197.42]

5000.0 [196.85]

LED NEON FLEX
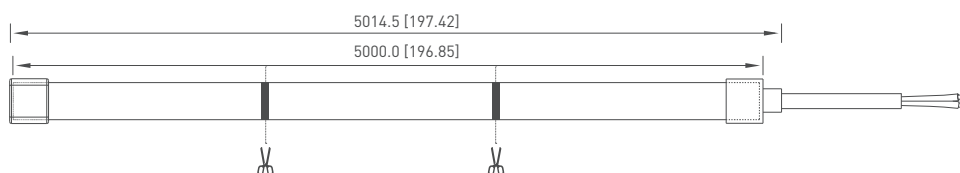
Bend direction

Bending Diameter

Ø 25.0[0.98]

Sectional view

4.0 [0.16]

10 [0.39]

Front cap

12.0 [0.47]

15.0 [0.59]

Closing End-cap

10.0 [0.39]

12.0 [0.47]
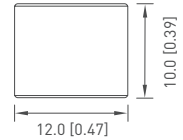
Remarks: "L" is the standard size of the light strip, can be customized according to the multiple of the minimum cutting unit length.

Product accessories

	Item	Model No.	Dimensions (L*W*H)mm	Quantity (m)/pcs	Free/Optional
	Front cap	NDR1004-PCIS	15*12*6	(5): 2-4	Free
	Closing End-cap	NDR1004-ECS	10*12*6	(5): 2-4	Free
	Aluminum Channel	NDR1004-AC	200*14*4	(5):	Optional
	Wire-to-Board Connector	QJ-DJ-N10XB-2	24.3*14.6*7.7	(5):	Optional
	Board-to-board connector	QJ-DJ-N10BB-2	19.55*14.6*7.7	(5):	Optional
	Screws	PA3	PA3*10mm	(5):	Optional
	Silicone Glue	WR-7516	300g/pc	(5): 1	Optional

Luminous Intensity Distribution Diagram

Average Illumination

Unit: cd
- C 0 /180,125.9°
- C 90/270,114.8°
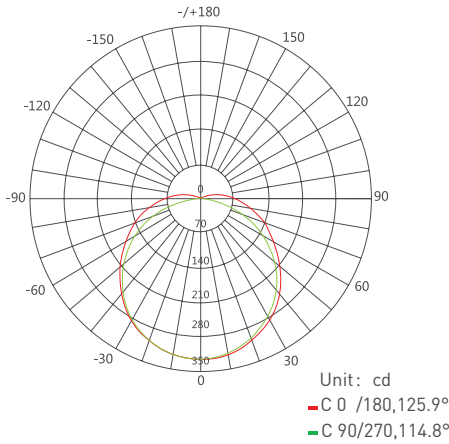
AVERAGE BEAM ANGLE (50%): 120.3°

Flux Out: 733.6lm   (3000K)

Height	Eavg, Emax		Beam Angle: 114.76°	Diameter
0.5m	364.7,1340lx			156.26cm
1.0m	91.2,335.1lx			312.51cm
1.5m	40.5,148.9lx			468.77cm
2.0m	22.8,83.8lx			625.03cm
2.5m	14.6,53.6lx			781.29cm
3.0m	10.1,37.2lx			937.54cm
3.5m	7.44,27.4lx			1093.80cm
4.0m	5.70,20.9lx			1250.06cm
4.5m	4.50,16.6lx			1406.32cm
5.0m	3.65,13.4lx			1562.57cm
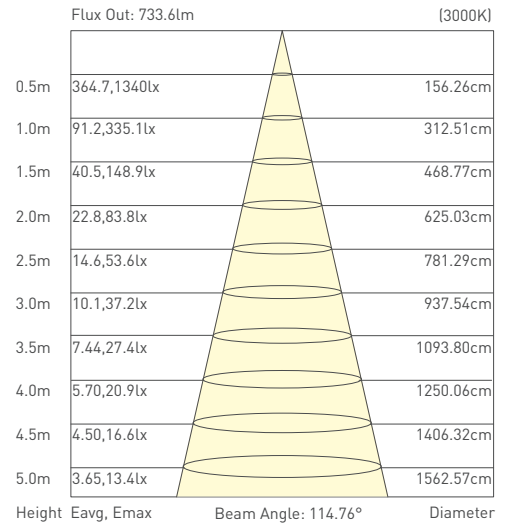
Note: the two figures above are tested with the sample NDR1004 at CCT 3000K, for other data, please consult sales rep.

Packaging information

Model No.	Product Size L*W (mm)	Carton Size (mm)	Meter/Reel	Reel/Carton	Net Weight (kg)	Gross Weight (kg)
NDR1004	5000*10*4	550*400*340	5	60	/ (1±10%)	16.50 (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.	NDR1004	
Working Length(m)	1	5
Measured Current (A)	0.8	3.25
Rated Voltage (DC V)	24	24
Measured Power(W)	19.2	78.0
Recommended Power Supply(W)	30	100
Power Supply Mode	Single Feed	Single Feed