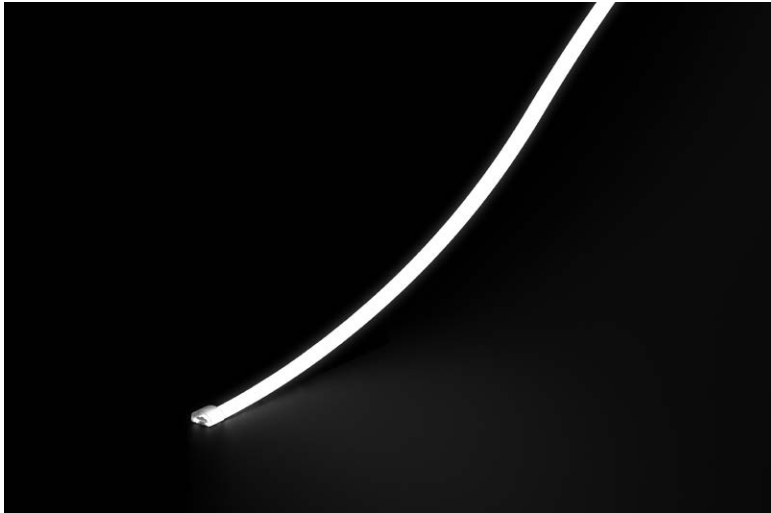


LED NEON FLEX

NDR0603





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 20mm [0.79inch].
- IP54 protection
- Warranty: 5 years indoor, 3 years outdoor.
- Customization: multiple spec options, can be customized upon requirements



Optical & Electrical Parameters

Model No.	NDR0603					
CCT/Wavelength (K/nm)	2300K	2700K	3000K	4000K	5100K	6200K
Beam Angle (°)	120	120	120	120	120	120
Luminous Flux (lm/m)	516	558	547	552	618	609
CRI	90+	90+	90+	90+	90+	90+
Efficacy (lm/W)	64.5	76.0	72.9	73.2	81.6	79.5
Voltage (V DC)	24	24	24	24	24	24
Measured Power (W/m)	7.2±10%	7.2±10%	7.2±10%	7.2±10%	7.2±10%	7.2±10%

Other Parameters

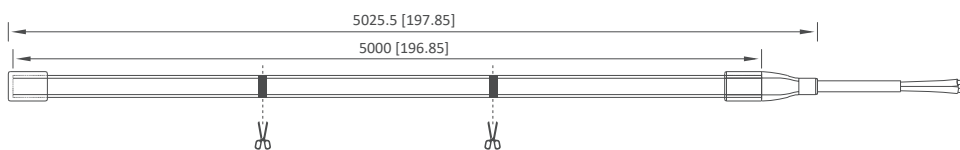
Model No.	NDR0603
LED QTY (pcs/m)	336
Product Size L*W*H(mm)	5000*6*3
Standard Run Length(mm)	5000
Min. Cuttable Length(mm)	20.83
Working Temperature	-20~+60°C
Storage Temperature	-20~+70°C

Note:

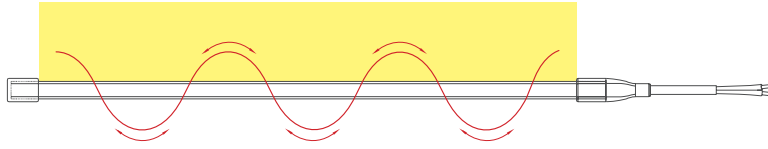
The given data are typical values. Due to tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.

Profile Drawings

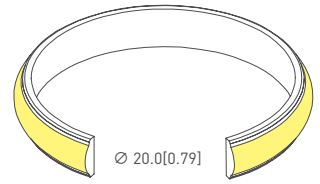
Unit:mm[inch]



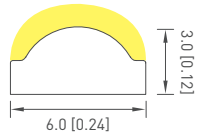
Bend direction



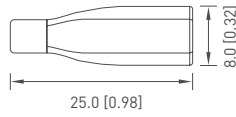
Bending Diameter



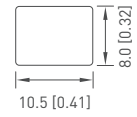
Sectional view



Front cap










Closing End-cap



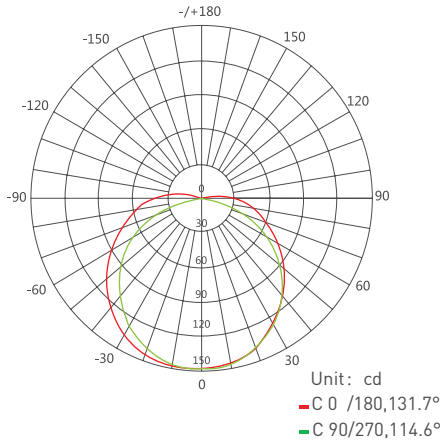
Remarks: "L" is the standard size of the light strip, can be customized according to the multiple of the minimum cutting unit length.

Product accessories

Item	Model No.	Dimensions (L*W*H)mm	Quantity (m)/pcs	Free/Optional	
	Front cap	NDR0603-PCIS	25*8*6	(5): 2-4	Free
	Closing End-cap	NDR0603-ECS	11*8*6	(5): 2-4	Free
	Aluminum Channel	NDR0603-AC	200*10*4	(5):	Optional
	Seamless Connector	--	----	(5):	Optional
	Connection Wire	--	----	(5):	Optional
	Screws	--	----	(5):	Optional
	Silicone Glue	--	----	(5): 1	Optional

Luminous Intensity Distribution Diagram

Average Illumination



AVERAGE BEAM ANGLE [50%]: 123.1°

Flux Out: 337.3lm (2700K)

Height	Eavg, Emax	Beam Angle: 114.57°	Diameter
0.5m	167.7,609lx		155.69cm
1.0m	41.9,152lx		311.38cm
1.5m	18.6,67.7lx		467.06cm
2.0m	10.5,38.1lx		622.75cm
2.5m	6.71,24.4lx		778.44cm
3.0m	4.66,16.9lx		934.13cm
3.5m	3.42,12.4lx		1089.82cm
4.0m	2.62,9.51lx		1245.51cm
4.5m	2.07,7.51lx		1401.19cm
5.0m	1.68,6.09lx		1556.88cm

Note: the two figures above are tested with the sample NDR0603 at CCT 3004K, for other data, please consult sales rep.

Packaging information

Model No.	NDR0603
Product Size L*W*H (mm)	5000*6*3
Carton Size (mm)	550*400*340
Meter/Reel	5
Reel/Carton	100
Net Weight (kg)	
Gross Weight (kg)	16.00 (1± 10%)

Note: For the NDR0603, the gross weight is less than the volume weight, the volume is 9.89kg.

Recommended power supply upon working length

Model No.	NDR0603	
Working Length(m)	1	5
Rated Current (A)	0.3	1.35
Rated Voltage (DC V)	24	24
Rated Power(W)	7.2	32.4
Recommended Power Supply(W)	12	48
Power Supply Mode	Single Feed	Single Feed

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