

LED NEON FLEX

NDR1414





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 [2.36inch].
- IP grade: 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)
NDR1414-Single color	24V DC	165°	No	>80	2600K	686	58.9	11.5
					2900K	727	62.3	
					4000K	733	62.8	
					4700K	769	66.0	
					5700K	743	63.9	
				/	Red	272	23.4	11.5
				Green	773	66.8		
				Blue	158	13.6		
				Yellow	195	16.9		
				Orange	334	28.8		
NDR1414-WN	24V DC	165°	Yes	>80	2600K	511	70.9	7.2
					6200K	577	80.3	7.2
					W+N	1095	76.0	14.4
NDR1414-RGB	24V DC	165°	Yes	/	Red	104	22.1	4.8
					Green	324	64.9	4.8
					Blue	67	14.0	4.8
					RGB	492	34.5	14.4

Other Parameters

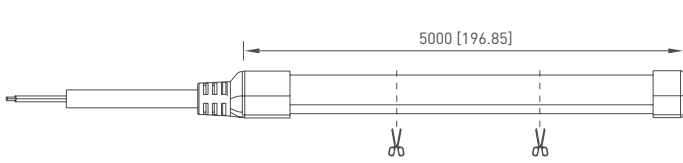
Model No.	LED QTY (pcs/m)	Min. Cuttable Length	Working Temperature	Storage Temperature
NDR1414-Single color	144	41.66mm	-20~+60°C	-20~+70°C
NDR1414-WN	240	50.0mm		
NDR1414-RGB	120	50.0mm		

Note:

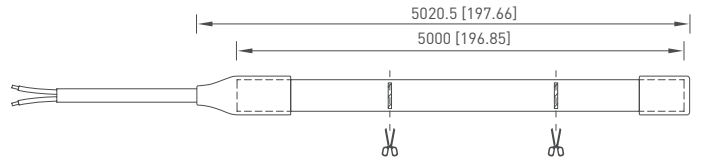
The given data are typical values. Due to tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.

Profile Drawings

Glue Process (IP67)

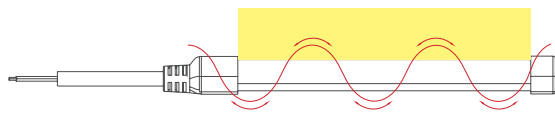


Molding pressed (IP68)

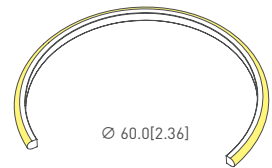


Unit:mm[inch]

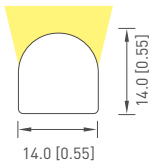
Bend direction



Bending Diameter

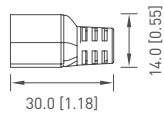


Sectional view

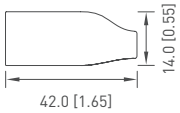


Front cap

Glue Process (IP67)

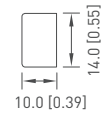


Molding pressed (IP68)

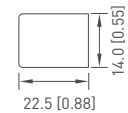


Closing End-cap

Glue Process (IP67)



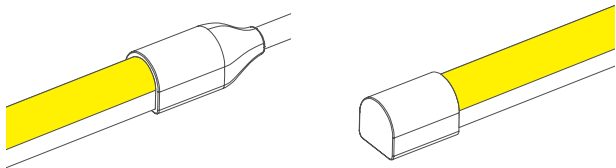
Molding pressed (IP68)



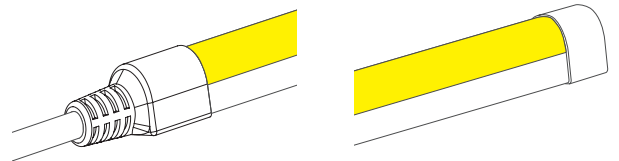
Remarks: "L" is the standard size of the light strip, can be customized according to the multiple of the minimum cutting unit length.

IP Process Technology

Molding pressed (IP68)



Glue Process (IP67)



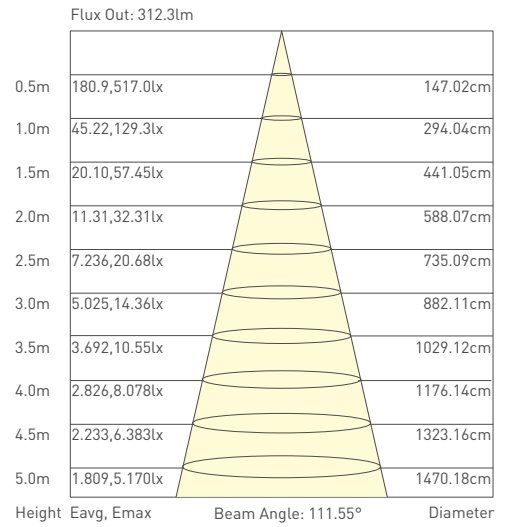
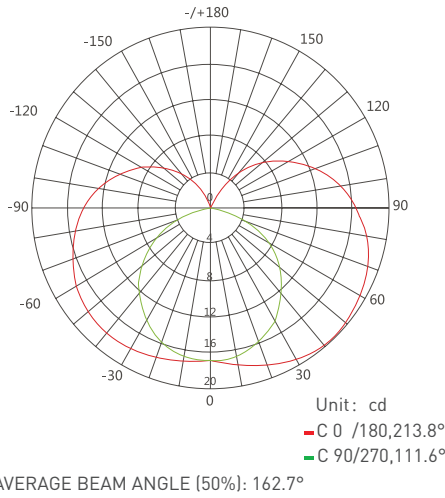
- Glue process the end cap after cutting, warranty will be provided upon IP65 rated.
- No warranty will be provided if the injection moulded(IP68) end cap destroyed or reprocessed.
- Corresponding molding equipment and mold needed for self-processing injection moulded end cap, contact the sales for more information.

Product accessories

Item	Model No.	Dimensions (L*W*H)mm	Quantity (m)/pcs	Free/Optional	
	Front cap (Molding pressed)	NDR1414-PCIS	31*16*15	(15): 2/4	Free
	Closing End-cap (Molding pressed)	NDR1414-ECS	10*17*16	(15): 2/4	Free
	Front cap	NDR1414-PCIIM	42*17*17	(15):	Optional
	Front cap (side)	NDR1414-PCS	42*23*17	(15):	Optional
	Closing End-cap	NDR1414-ECIM	23*17*17	(15):	Optional
	Plastic Clip	NDF1212-PCLS	----	(15):	Optional
	Aluminum Channel	NDR1414-AC	25*18*10	(15):	Optional
	Grip plate	NDR1414-XXXX	18*23*8	(15):	Optional
	Screws	PA3	PA3*10	(15):	Optional
	Silicone Glue	WR-7516	300g/pc	(15): 1	Optional

Luminous Intensity Distribution Diagram

Average Illumination



Note: the above two figures are tested with the sample NDR1414 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)
NDR1414-Single color	15000*14*14	430*400*390	15	2	/(1±10%)	16.53 (1± 10%)
NDR1414-WN	10000*14*14	390*390*325	10	3	/(1±10%)	14.75 (1± 10%)
NDR1414-RGB	5000*14*14	390*390*325	5	15	/(1±10%)	19.25(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.	NDR1414-Single color		NDR1414-WN		NDR1414-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)	11.5	172.8	14.4	144.0	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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