



LED NEON FLEX NDR1414





Features

- Color options: Single color, dimmable.
- 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.	NDR1414-Single color				
CCT/Wavelength (K/nm)	2600K	2900K	4000K	4700K	5700K
Beam Angle (°)	165	165	165	165	165
Luminous Flux (lm/m)	686	727	733	769	743
CRI	80+	80+	80+	80+	80+
Efficacy (lm/W)	58.9	62.3	62.8	66.0	63.9
Voltage (V DC)	24	24	24	24	24
Measured Power (W/m)	11.5±10%	11.5±10%	11.5±10%	11.5±10%	11.5±10%

Model No.	NDR1414-Single color				
CCT/Wavelength (K/nm)	Red	Green	Blue	Yellow	Orange
Beam Angle (°)	165	165	165	165	165
Luminous Flux (lm/m)	272	773	158	195	334
CRI	--	--	--	--	--
Efficacy (lm/W)	23.4	66.8	13.6	16.9	28.8
Voltage (V DC)	24	24	24	24	24
Measured Power (W/m)	11.5±10%	11.5±10%	11.5±10%	11.5±10%	11.5±10%

Model No.	NDR1414-WN		
CCT/Wavelength (K/nm)	2600K	6200K	W+N
Beam Angle (°)	165	165	165
Luminous Flux (lm/m)	511	577	1095
CRI	80+	80+	80+
Efficacy (lm/W)	70.9	80.3	76.0
Voltage (V DC)	24	24	24
Measured Power (W/m)	7.2±10%	7.2±10%	14.4±10%

NDR1414-RGB			
Red	Green	Blue	RGB
165	165	165	165
104	324	67	492
--	--	--	--
22.1	64.9	14.0	34.5
24	24	24	24
4.7±10%	5.0±10%	4.7±10%	14.4±10%

Basic Parameters

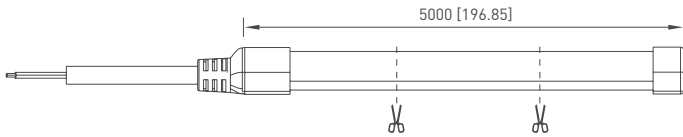
Model No.	NDR1414-Single color	NDR1414-WN	NDR1414-RGB
LED QTY (pcs/m)	144	240	120
Product Size L*W*H(mm)	15000*14*14	10000*14*14	5000*14*14
Standard Run Length(mm)	15000	10000	5000
Min. Cuttable Length(mm)	41.66m	50m	50m
Working Temperature	-20~+60°C	-20~+60°C	-20~+60°C
Storage Temperature	-20~+70°C	-20~+70°C	-20~+70°C

Note:

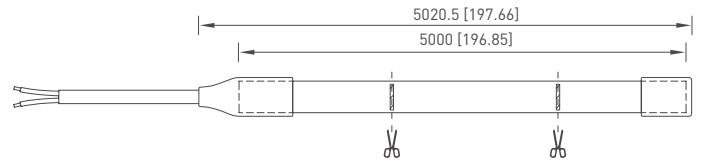
The given data is typical values. Due to tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.

Profile Drawings

Glue Process (IP67)

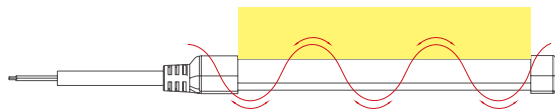


Molding pressed (IP68)

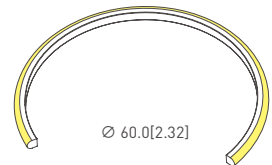


Unit:mm[inch]

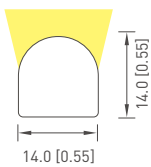
Bend direction



Bending Diameter

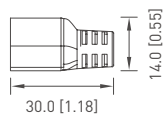


Sectional view

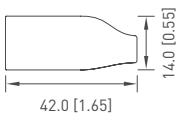


Front cap

Glue Process (IP67)

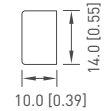


Molding pressed (IP68)

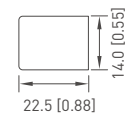


Closing End-cap

Glue Process (IP67)



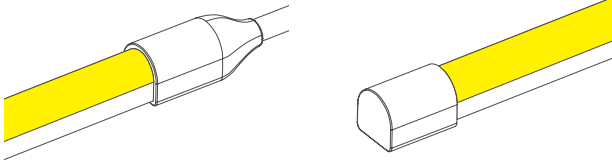
Molding pressed (IP68)



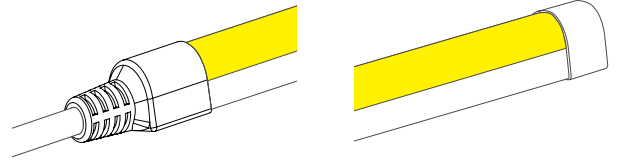
Remarks: "L" is the standard size of the light strip, can be customized according to the multiple of the minimum cutting unit length.

IP Process Technology

Molding pressed (IP68)



Glue Process (IP67)



- After cutting, the IP protection of both glue processed and injection moulded product will drop to IP65, for injection moulded product, if customer self-processed injection moulded end cap for the cutted end, the IP protection will keep the IP68 level.
- Injection moulded end cap self-processing, need to prepare corresponding mold and molding equipment.
- If the customer reprocesses Blueview injection moulded end cap, and the waterproof of the molded end does not meet Blueview standard, the potential troubles are not covered by the warranty.

Product accessories

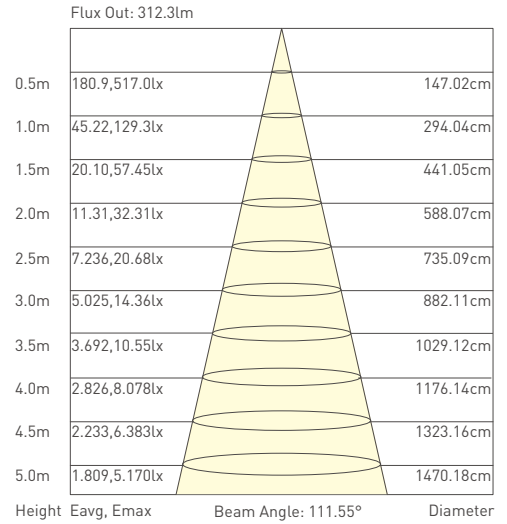
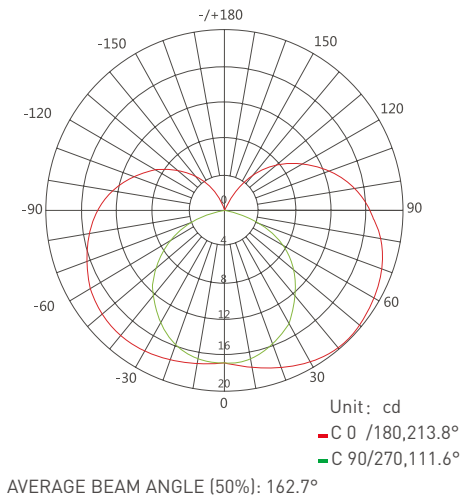
Item	Model No.	Dimensions (L*W*H)mm	Quantity (m)/pcs	Free/Optional
	NDR1414-PCIS	31*16*15	(15): 2/4	Free
	NDR1414-ECS	10*17*16	(15): 2/4	Free
	NDR1414-PCIIM	42*17*17	(15):	Optional
	NDR1414-ECIM	23*17*17	(15):	Optional
	NDF1212-PCLS	----	(15):	Optional
	NDR1414-AC	25*18*10	(15):	Optional
	NDR1414-XXXX	18*23*8	(15):	Optional

Product accessories

Item	Model No.	Dimensions (L*W*H)mm	Quantity (m)/pcs	Free/Optional
 Screws	--	----	(15):	Optional
 Silicone Glue	--	----	(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.	NDR1414-Single color	NDR1414-WN	NDR1414-RGB
Product Size L*W*H (mm)	15000*14*14	10000*14*14	5000*14*14
Carton Size (mm)	430*400*390	390*390*325	390*390*325
Meter/Reel	15	10	5
Reel/Carton	2	3	15
Net Weight (kg)	--	--	--
Gross Weight (kg)	16.53 (1± 10%)	14.75 (1± 10%)	19.25(1± 10%)

Note:

- Each piece (5/10/15m) of this product is rolled on a reel and packed 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, and the actual weight is subject to the actual products

Recommended power supply upon working length

Model No.	NDR1414-Single color		NDR1414-WN		NDR1414-RGB	
Working Length(m)	1	15	1	10	1	5
Rated Current (A)	0.48	7.2	0.6	6	0.6	2.7
Rated Voltage (DC V)	24	24	24	24	24	24
Rated Power(W)	11.5	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	

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