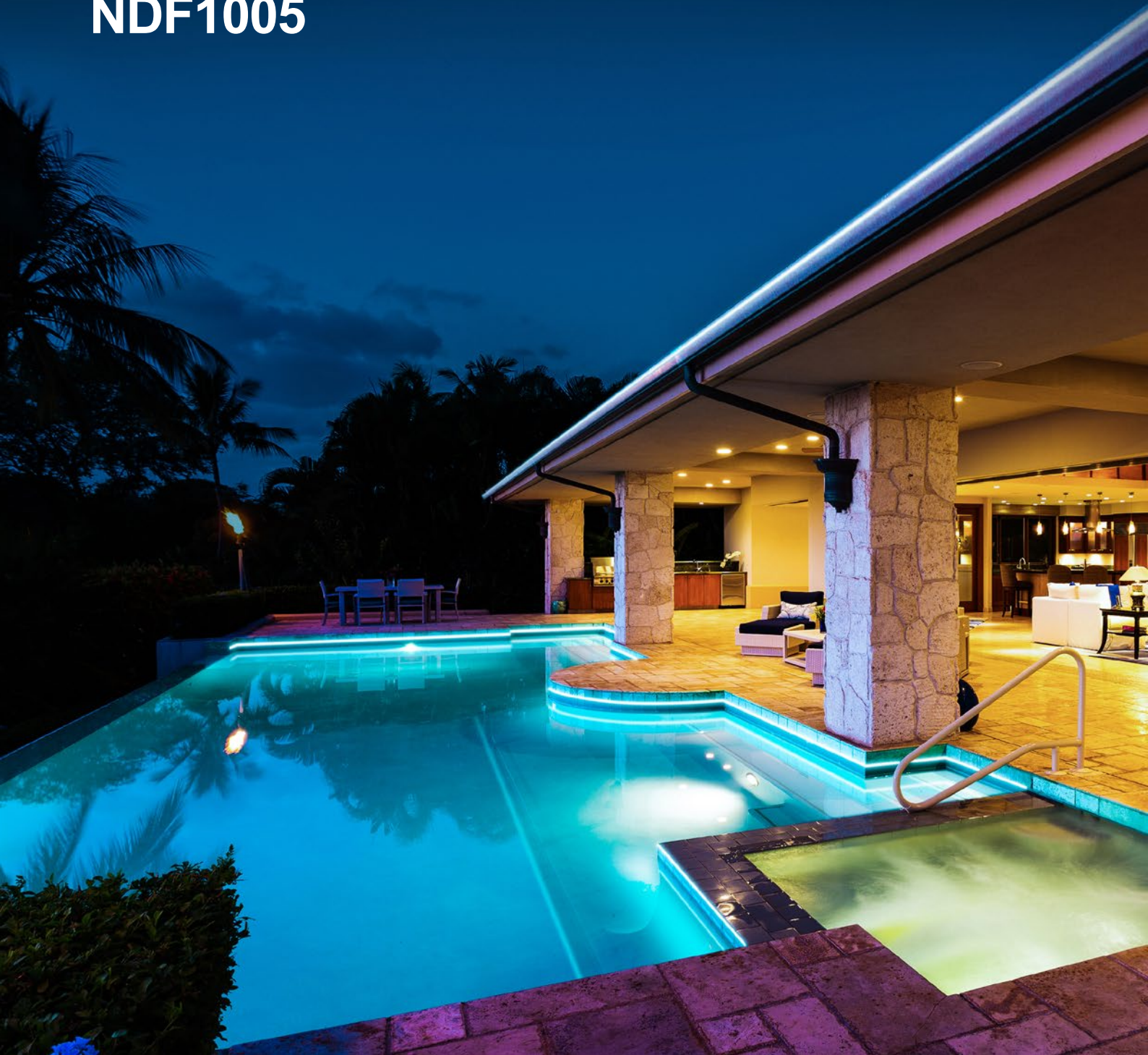


LED NEON FLEX

NDF1005





Features

- Color options: Single color, and R/G/B/Y/O.
- Design: Superior design with exquisite craftsmanship ensure stable and reliable performance.
- Flexibility: Top bending, min. bend diameter 30mm [1.18inch].
- IP grade: Silicone extrusion, injection molded cap, IP67 protection. Glue process end caps, IP67 protection.
- Slim body size with good uniformity and supper Sensory feeling for lighting design.
- Warranty: 5 years indoor, 3 years outdoor.
- Customization: multiple spec options, can be customized upon requirements.



Optical & Electrical Parameters

Model No.	NDF1005						
CCT/Wavelength (K/nm)	2200K	2700K	3000K	3300K	3900K	5000K	5700K
Beam Angle (°)	120°	120°	120°	120°	120°	120°	120°
Luminous Flux (lm/m)	360	432	446	468	446	504	525
CRI	90+	90+	90+	90+	90+	90+	90+
Efficacy (lm/W)	50	60	62	65	62	70	73
Voltage (V DC)	24	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%	7.2±10%

Model No.	NDF1005				
CCT/Wavelength (K/nm)	Red	Green	Blue	Yellow	Orange
Beam Angle (°)	120°	120°	120°	120°	120°
Luminous Flux (lm/m)	50	500	100	/	/
CRI	/	/	/	/	/
Efficacy (lm/W)	7	70	14	/	/
Voltage (V DC)	24	24	24	24	24
Measured Power (W/m)	7.2±10%	7.2±10%	7.2±10%	7.2±10%	7.2±10%

Other Parameters

Model No.	NDF1005
LED QTY (pcs/m)	336
Product Size L*W*H (mm)	5000*10*4.8
Standard Run Length (mm)	5000
Min. Cuttable Length (mm)	20.83
Working Temperature	-20~+60°C
Storage Temperature	-20~+70°C

Note:

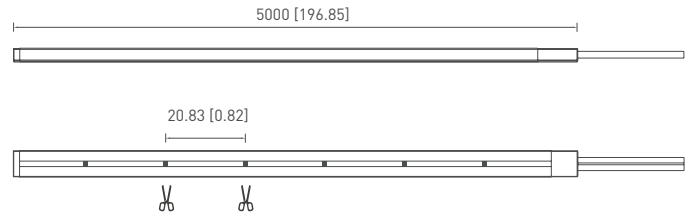
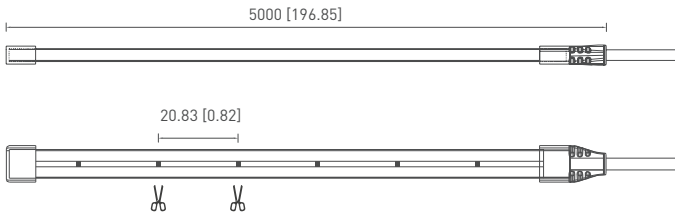
The given data is typical values. Due to tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.

Profile Drawings

Glue Process (IP67)

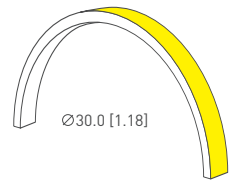
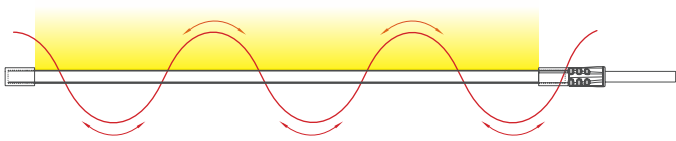
Injection Moulded (IP67)

Unit:mm [inch]



Bend direction

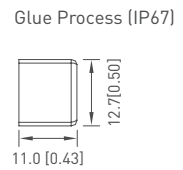
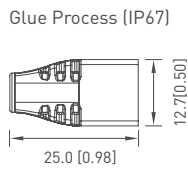
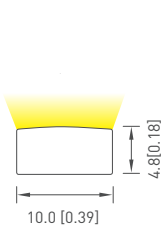
Bending Diameter



Sectional view

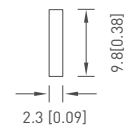
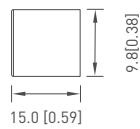
Front cap

Closing End-cap



Injection Moulded (IP67)

Injection Moulded (IP67)

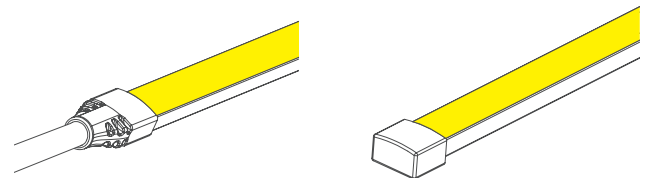
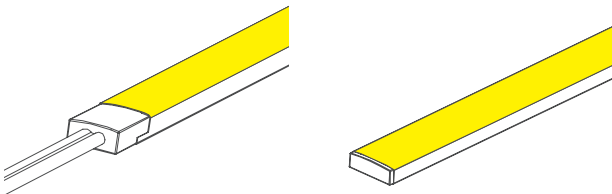


Remarks: "L" is the standard size of the light strip, can be customized according to the multiple of the minimum cutting unit length.

IP Process Technology

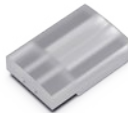
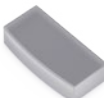

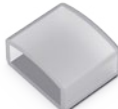





Injection Moulded (IP67)

Glue Process (IP67)



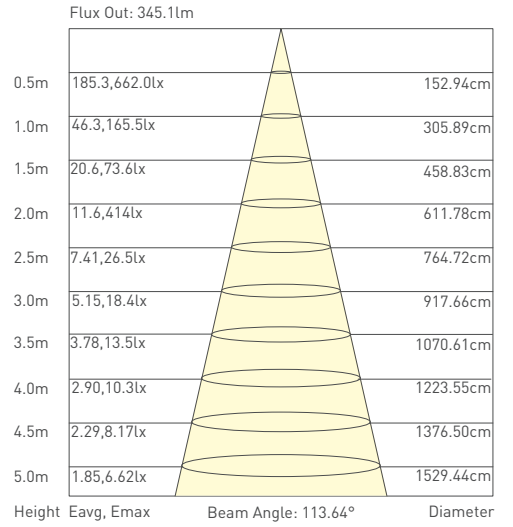
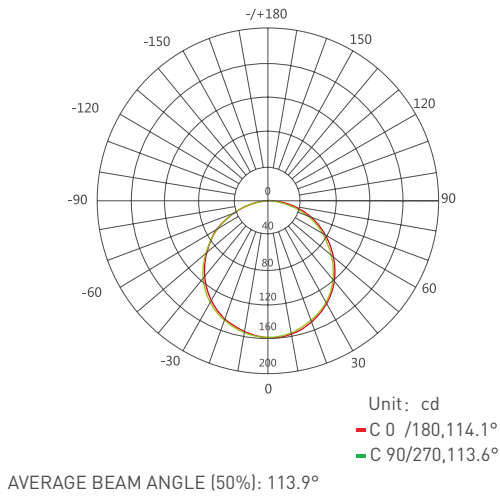
- After cutting, the IP protection of both glue processed and injection moulded product will drop to IP65, for injection moulded product, if customer self-processed injection moulded end cap for the cutted end, the IP protection will keep the IP67 level.
- Injection moulded end cap self-processing, need 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
 Front cap (Injection Moulded)	NDF1005-PCIIM	15.0*9.8*4.6	(5): 1	Optional
 Closing End-cap (Injection Moulded)	NDF1005-ECIM	2.3*9.8*4.6	(5): 1	Optional
 Front cap	NDF1005-PCIS	25.0*12.7*7.6	(5): 1	Free
 Closing End-cap	NDF1005-ECS	11.0*12.7*6.6	(5): 1	Free
 Aluminum track	NDF1005-AMC	20.0*12.4*7.0	(5): 15	Optional
 Front connector set (no welding)	NDF1005-PCIIM	32.8*15.6*10.4	(5): 10	Optional
 PC installation card	--	25.0*12.0*9.0	(5): 15	Optional
 PC mounting slot	--	1000.0*12.0*9.0	(5): 15	Optional
 Screws	--	----	(5): 30	Optional

Luminous Intensity Distribution Diagram

Average Illumination



Note: for other date, please consult sales rep.

Packaging information

Model No.	NDF1005
Product Size L*W*H (mm)	5000*10*4.8
Carton Size (mm)	550*400*340
Meter/Reel	5
Reel/Carton	40
Net Weight (kg)	12.85 (1± 10%)
Gross Weight (kg)	16.15 (1± 10%)

Recommended power supply upon working length

Model No.	NDF1005	
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

BLUEVIEW ELEC-OPTIC TECH CO.,LTD
 Tel.: +86-28-8148 0011 Fax: +86-28-8148 1258
 Mail: sales@blueviewled.com
 Web.: www.blueviewled.com
 Add.: No.1000, Konggang 2nd Konggang Road, Southwest Aviation Industrial Zone, Chengdu, China. 610207