

LED NEON FLEX

NDF1617





Features

- Color options: Single color, Tunable white , RGB, RGBW and PIXEL.
- Design: Superior design with exquisite craftsmanship ensure stable and reliable performance.
- Flexibility: Top bending, min. bend diameter 120mm[4.73inch].
- IP grade: Silicone extrusion, injection molded cap, 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)	
NDF1617-Single color	24V DC	115°	No	>80	2300K	927	54.7	17.2	
					2700K	898	53.1		
					3000K	1122	64.1		
					4000K	1150	68.9		
					5200K	924	53.7		
					6500K	1140	65.5		
					/	Red	235		13.1
					/	Green	687		38.2
					/	Blue	148		8.2
					/	Yellow	202		11.2
NDF1617-WN	24V DC	115°	Yes	>80	3000K	467	65.3	7.2	
					6000K	488	67.6	7.2	
					W+N	941	65.6	14.4	
NDF1617-RGB	24V DC	115°	Yes	/	Red	89	17.6	5.7	
					Green	203	35.0	5.7	
					Blue	46	7.8	5.7	
					RGB	317	19.0	17.2	
					6500K	/	/	4.3	
NDF1617-RGBW	24V DC	115°	Yes	/	6500K	/	/	4.3	
					Red	61	12.2	4.3	
					Green	142	28.4	4.3	
					Blue	33	6.6	4.3	
					RGBW	476	25.0	17.2	
					Red	48	7.2	4.3	
					Green	110	15.8	4.3	
Blue	25	3.5	4.3						
NDF1617-PIXEL (RGB)	24V DC	115°	Yes	/	Red	48	7.2	4.3	
					Green	110	15.8	4.3	
					Blue	25	3.5	4.3	
					RGB	178	12.6	12.9	

Other Parameters

Model No.	LED QTY (pcs/m)	Min. Cuttable Length	Working Temperature	Storage Temperature
NDF1617-Single color	112	62.5mm	-20~+60°C	-20~+70°C
NDF1617-WN	240	50.0mm		
NDF1617-RGB	72	83.3mm		
NDF1617-RGBW	72	83.3mm		
NDF1617-PIXEL (RGB)	60	100.0mm		

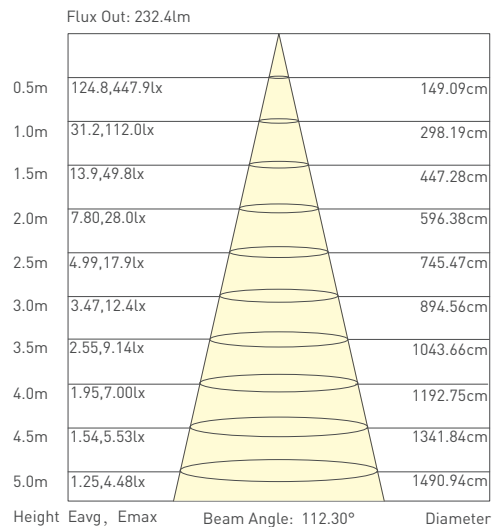
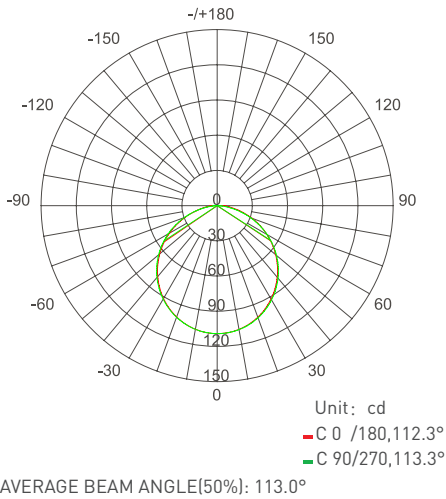
Product accessories

Item	Model No.	Dimensions L*W*H(mm)	Quantity (m)/pcs	Free/Optional
	NDF1617-PCIIM	45.0*19.2*20.2	(5/10): 5/10	Optional
	NDF1617-ECIM	23.0*19.2*20.2	(5/(5/10): 5/10): 3/6	Optional
	NDF1617-PCIS	30.0*18.0*18.0	(5/10): 3/6	Free
	NDF1617-ECS	18.0*19.0*18.0	(5/10): 3/6	Free
	NDF1617-PCBS	25.0*30.0*19.0	(5/10): 3/6	Optional
	NDF1617-AMC	35.0*21.2*19.0	(5/10): 5/10	Optional
	NDF1617-AC	1000*19.3*18.7	(5/10): 3/6	Optional
	NDF1617-ACC	35.0*19.3*18.7	(5/10): --	Optional
	NDF1617-ACS	500*17.2*17.8	(5/10): 5/10	Optional
	PA3	PA3*10	(5/10): 10/20	Optional
	WR-7516	300g/pc	(5/10/15): 1	Optional

Item	Model No.	Dimensions (L*W*H)mm	Quantity (m)/pcs	Free/Optional
	---	49*22*23	(5/10): ---	Optional
	---	45*22*23	(5/10): ---	Optional
	---	53*25*23	(5/10): ---	Optional
	---	53*25*23	(5/10): ---	Optional
	---	53*22*26	(5/10): ---	Optional
	---	88**22*23	(5/10): ---	Optional
	---	57*23*20	(5/10): ---	Optional

Luminous Intensity Distribution Diagram

Average Illumination



Note: the above two figures are tested with the sample NDF1617-RGB, 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)
NDF1617-Single color	10000*16*17	390*390*325	10	3	/(1±10%)	9.25 (1± 10%)
NDF1617-WN	10000*16*17	390*390*325	5	10	/(1±10%)	19.45 (1± 10%)
NDF1617-RGB	5000*16*17	390*390*325	5	10	/(1±10%)	20.15 (1± 10%)
NDF1617-RGBW	5000*16*17	390*390*325	5	10	/(1±10%)	15.15 (1± 10%)
NDF1617-PIXEL (RGB)	10000*16*17	390*390*325	10	2	/(1±10%)	9.20 (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.	NDF1617-Single color			NDF1617-WN		
Working Length (m)	1	5	10	1	5	10
Measured Current (A)	0.72	3.6	7.2	0.6	3	8
Rated Voltage (DC V)	24	24	24	24	24	24
Measured Power(W)	17.28	86.4	172.8	14.4	72	144
Recommended Power Supply (W)	30	100	250	25	100	200
Power Supply Mode	Single Feed	Single Feed	Single Feed	Single Feed	Single Feed	Single Feed

Model No.	NDF1617-RGB		NDF1617-RGBW	
Working Length(m)	1	5	1	5
Measured Current (A)	0.72	3.24	0.72	3.24
Rated Voltage (DC V)	24	24	24	24
Measured Power(W)	17.28	77.76	17.28	77.76
Recommended Power Supply (W)	30	100	30	100
Power Supply Mode	Single Feed	Single Feed	Single Feed	Single Feed

Model No.	NDF1617-PIXEL (RGB)		
Working Length(m)	1	5	10
Measured Current (A)	0.54	2.43	4.86
Rated Voltage (DC V)	24	24	24
Measured Power(W)	12.96	58.32	116.64
Recommended Power Supply (W)	20	80	150
Power Supply Mode	Single Feed	Single Feed	Single Feed

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