NEON FLEX

2200 K	2700 K	3000 K	4000 K	G	B	RGB

LX-NF-NMT1515-PRO

IP 68	IP 67	IK 08	CRI >90	DC24-48V

UV RESISTANT	FLAME RESISTANT	SALTWATER RESISTANT	SOLVENT RESISTANT

5 GARANTIE	CE	RoHS	60000h

NEON FLEX

· Light source: high luminous efficiency LED lamp beads, LM80 test certification;

· Process material: three-color silicone extrusion technique is applied, Cutting mark more clear;

· Optical design: unique optical light distribution structure design, uniform light emission on the surface without shadows;

· Appearance design: Standard ESD oil spray,anti-dust; good flexibility, simple shape, exquisite and unique;

· Product certification: UL, CE, ROHS, UKCA,CB;

· Environmental characteristics: salt solution resistance, acid and alkali corrosion resistance, flame retardant resistance, UV resistance;

- Working/Storage Temperature: Ta:-25~55℃ / 0℃～60℃.

Symphony working/storage temperature: Ta: -20~40℃ / 0℃~60℃;

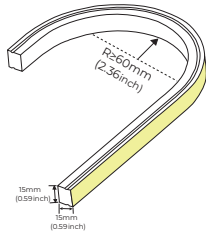Application : signboard lighting, outdoor/internal decorative lighting, architectural contour application;

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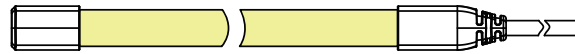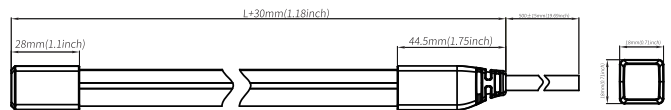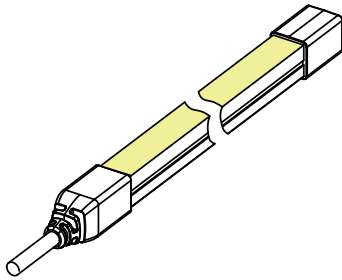www.luxio-lighting.com

Outdoor-Indoor/Neon flex

Reference	Rated power (w/m)	Maximum power (w/m)	Input Voltage	Rated current (A/m)	CRI	CCT/colors	Luminous flux	IP Rating	Dimensions	Remark
LX-NF-NMT1515 -PRO	9.6W	10.6W	24V	0.4	>90	2200K	500Lm	IP67/IP68	5000mm / 10000mm	7LED/50mm
						2700K	590Lm			
						3000K	600Lm			
						3500K	570Lm			
					/	G 525-530nm B 465-470nm	/			
	12W	13.2W	24V	0.5	/	RGB R 620-630nm G 525-530nm B 465-470nm	/		5000mm	7LED/83.3mm
	5.3W	5.8W	48V	0.11	>90	2200K	260Lm		5000mm	12LED/100mm
						2700K	290Lm			
						3000K	290Lm			
						3500K	300Lm			
	9.6W	10.6W	48V	0.2		2200K	500Lm		20000mm	
						2700K	580Lm			
						3000K	600Lm			
						3500K	560Lm			

1. Note：1、The above data is the testing result of 1M standard product;
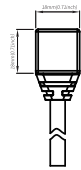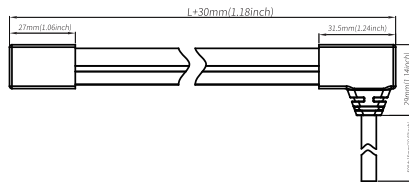2. The luminous flux is allowed to have an error range of ±10%;
3. The above parameters are typical values;

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Product mechanical parameters

R260mm
(2.36inch)

15mm
(0.59inch)

15mm
(0.59inch)

· **IP68Full encapsulted cap(EP)-top outlet**

L+30mm(1.18inch)

28mm(1.1inch)

44.5mm(1.75inch)

18mm(0.71inch)

2PIN 3PIN 4PIN

· **IP68Full encapsulted cap(EP)-bottom outlet**

18mm(0.71inch)

L+30mm(1.18inch)

27mm(1.06inch)

31.5mm(1.24inch)

29mm(1.14inch)

2PIN 3PIN 4PIN

· **IP68Full encapsulted cap(EP)-side outlet**

18mm(0.71inch)

38mm(0.71inch)

L+30mm(1.18inch)

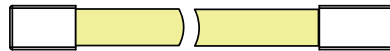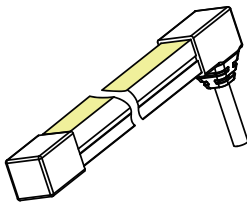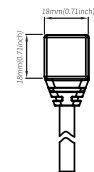27mm(1.06inch)

31.5mm(1.24inch)

29mm(1.14inch)

2PIN 3PIN 4PIN

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Product mechanical parameters

· IP67 No dark cap(ENP)-bottom outlet

L+3.5mm (0.14inch)

15mm(0.59inch)

2PIN 3PIN 4PIN
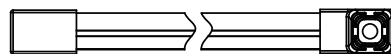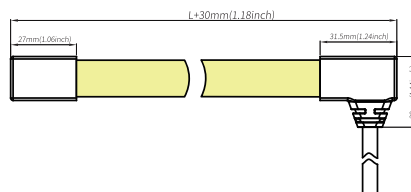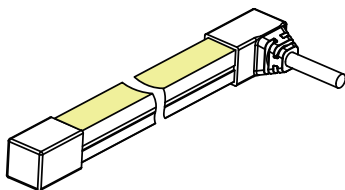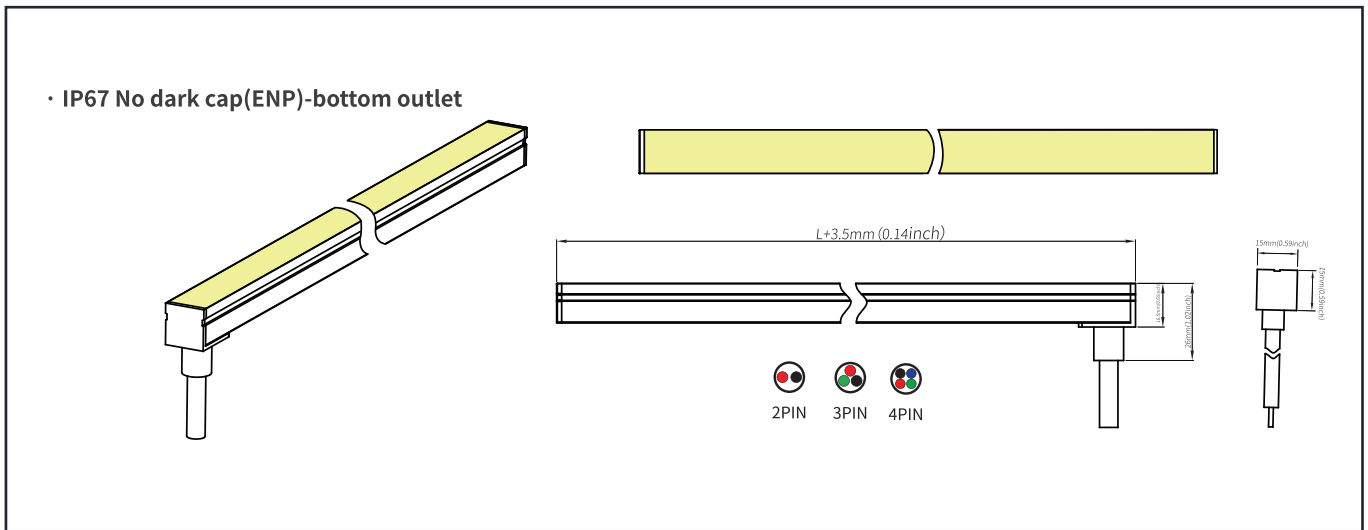
Accessory information

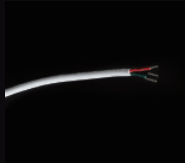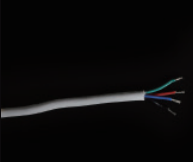| Name	Describe	Accessories Picture	Section size	Order model	Quantity/ case	Net weight	Per box net weight (kg)	Gross weight	Gross weight	Remark
Aluminium clip	Pre installed aluminum clip			LX-NMT1515A2-25	350	0.006	2.1	2.25	250*250*150	Size：L25*W18.6*H19.3mm with screw
Aluminium clip	Pre-installed aluminium groove			LX-NM3D1515A2-1000	40	0.18	7.2	8.2	1180*125*115	Size： L1000*W18.6*H19.3mm with screw
Alumina carrier	Reserved outlet slot			LX-NMT1515A1-1000	48	0.202	9.696	11.1	1140*140*130	Size： L1000*W17.4*H26mm with screw
Moldable carrier	Moldable groovez			LX-NM3D1515M-500	100	0.045	4.5	7.3	500*290*290	Size：L500*W16.4*H16mm with screw Cannot be used upside down

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Accessory Information

Name	Describe	Accessories Picture	Section size	Order model	Quantity/ case	Net weight	Per box net weight (kg)	Gross weight	Gross weight	Remark
Glue	588G acidic glue		/	LX-PG-0002	150	0.014	2.1	2.4	250*250*150	10ml/pcs
Wire	2P PVC wire（0.5M)		/	LX-WS-0001	150	0.01541	2.31	2.61	250*250*150	Suitable for single color strip
Wire	2P PVC wire（2M)			LX-WS-0002	125	0.0616	7.7	8		
Wire	3P PVC wire（0.5M)			LX-WS-0015	150	0.0154	2.31	2.61		Suitable for SWW strip
Wire	3P PVC wire（2M)			LX-WS-0016	125	0.0616	7.7	8		
Wire	4P PVC wire（0.5M)		/	LX-WS-0003	150	0.0194	2.91	3.21	250*250*150	Suitable for RGB strip
Wire	4P PVC wire（2M)			LX-WS-0004	125	0.0776	9.7	10		
Connector	2PIN IP68 waterproof connector		/	LX-FC-0001	512	0.016	8.192	9.5	365x365x190	Suitable for single color strip
Connector	3PIN IP68 Waterproof connector			LX-FC-0002	512	0.018	9.216	10.2		Suitable for SWW strip
Connector	4PIN IP68 waterproof connector			LX-FC-0003	288	0.03	8.64	9.6		Suitable for RGB strip

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Precautions

·Please use an isolated power supply to drive the LED light bar, and the ripple of the constant voltage source is less than 5%. Do not use resistance-capacitance step-down, non-isolated power supplies to drive the LED light ba

·In actual applications, the power supply should reserve 20% of the margin (it is recommended to use only 80% of the power) to ensure sufficient voltage to drive the product.

· Please operate carefully, do not touch the AC power terminal when the power is on to prevent electric shock.

·Pay attention to the positive and negative poles of the power cord, and do not connect it wrongly. Whether the voltage of the power supply and the product are the same, so as to avoid damage to the product.

·During the installation process, please avoid scratching, twisting and irregular bending of the product, otherwise it may cause irreparable damage to the product.

· In order to ensure the life and reliability of the light strip, please do not bend it in an arc with a radius of less than 60mm. A too small bending radius will damage the product itself.

·If the actual application length exceeds the specified use length, it will cause the lamp belt to overload and heat, and the brightness is uneven.

·In order to prevent your eyes from being hurt, try to avoid staring at the light-emitting surface of the light bar for a long time.

· Non-professionals are prohibited from installing, disassembling and repairing the product.

· It is strictly forbidden to use any acidic or alkaline adhesives to fix products (including but not limited to glass glue, etc.).

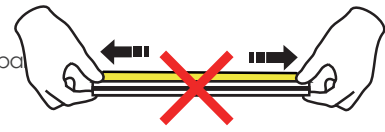· IP67 protection products are not suitable for swimming pool underwater.

· Products of different sizes and specifications under the same color temperature value due to structural differences, the final color of the product is slightly deviated, and it must be confirmed before use.

· When the IP67 protection product is installed and applied, the waterproof level needs to be downgraded after self-processing and cutting.

· Please use professional cutting tools when cutting.

· Engineering packaging neon light belt (20~50m), please use pay-off rack during construction to avoid damage to the product caused by pulling force.
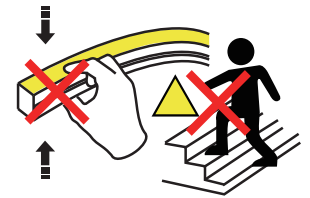
· Attention,there are 2 soldering parts per reel (5m/reel) at most when mass production.

No stretching

No distortion

No trampling

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