

NEON FLEX

LX-NF-NNT1615-PRO



IP 67	IK 08	CRI >90	DC24V
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UV RESISTANT	FLAME RESISTANT	SALTWATER RESISTANT	SOLVENT RESISTANT
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5 YEAR WARRANTY	CE	RoHS	36000h
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NEON FLEX

- Light source: high luminous efficiency 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 lighting surface and no shadow.
- Appearance Design: Standard ESD oil spray,anti-dust; compared with the traditional neon tube or PVC guardrail tube, the silicone material has good flexibility, the simple and stylish appearance, which is exquisite and unique.
- ProductCertification:UL、CE、ROHS、UKCA、CB.
- Environmental Features: Resistance to saline solutions, acids & alkali, corrosive gases and UV.
- Working/Storage Temperature: Ta:-25~55°C / 0°C~60°C.
- Application:Furniture supporting lighting,Outdoor/indoor lighting,Indoor general lighting
- White/RGB with 3 years warranty or working life =36000H,whichever comes first..



luxio
L I G H T I N G

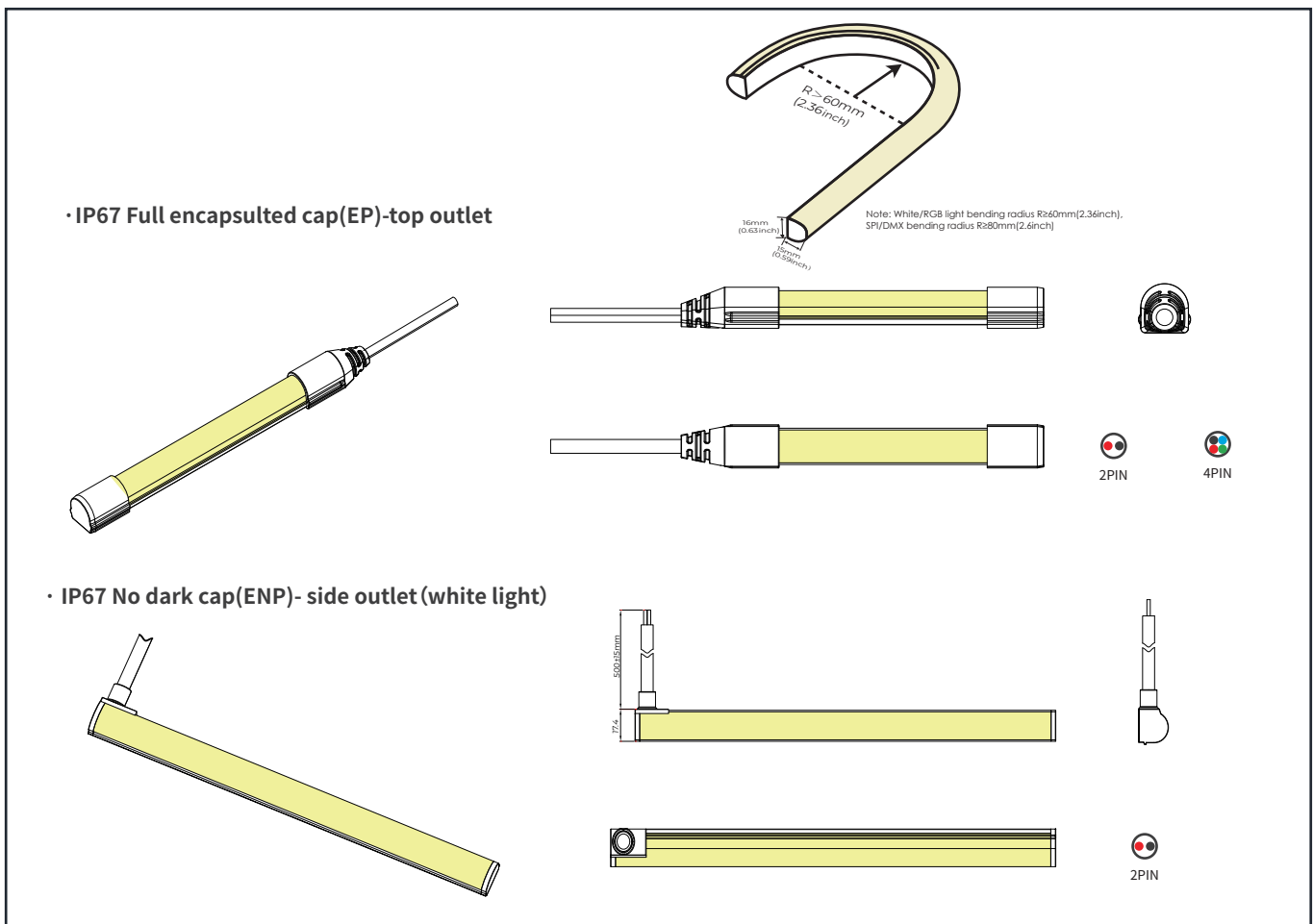
www.luxio-lighting.com

References

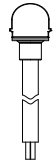
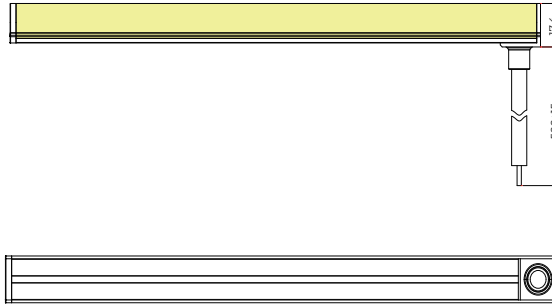
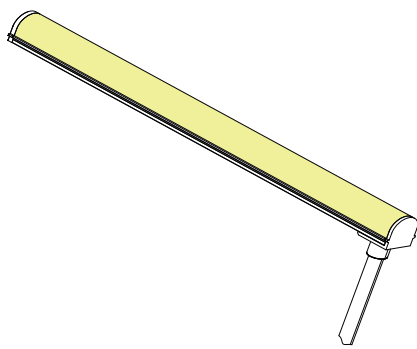
Reference	Rated power (w/m)	Maximum power (w/m)	Input Voltage	Rated current (A/m)	CRI	CCT/K	Luminous flux	IP Rating	Dimensions	Remark
LX-NF-NNT1615-PRO	9.6W	10.6W	24V	0.4	>90	2200K	680Lm	IP67	10000mm	7LED/50mm
						2700K	780Lm			
						3000K	820Lm			
						4500K	810Lm			
	12W	13.2W		0.5		RGB	/		5000mm	6LED/50mm
	18W	20.7W		0.75		2200K	1010Lm			
						3000K	1350Lm			
						3500K	1280Lm			
						4500K	1210Lm			
									RGB	/

1. The above data is the testing result of 1M standard product;
2. The luminous flux is allowed to have an error range of $\pm 10\%$;
3. The above parameters are all typical values.

Product mechanical parameters





· IP67 No dark cap(ENP)- bottom outlet








Product mechanical parameters

name	Description	Image	Sectional size	Ordering code	Quantity case (PCS)	Net weight (kg)	Net weight (kg)	Gross weight (kg)	Packing (mm)	Remark
Alumina carrier	Flat mounting aluminum groove			LX- NNT1615A-1000	100	0.098	9.8	10.8	1180*125*115	Size : L1000 *W 17.8*H 7.9mm with screws
Aluminum clip	Flat mounting of clip			LX- NNT1615A-25	800	0.0047	3.76	4.06	250*250*150	Size : L25 *W 17.8 *H 7.9mm with screws
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 light strip
Wire	2P PVC Wire (2M)		/	LX-WS-0002	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 light strip
Wire	4P PVC Wire (2M)		/	LX-WS-0004	125	0.0776	9.7	10		

Product mechanical parameters

name	Description	Image	Sectional size	Ordering code	Quantity case (PCS)	Net weight (kg)	Net weight (kg)	Gross weight (kg)	Packing (mm)	Remark
Connector	2PIN IP68 waterproof connector		/	LX-FC-0001	512	0.016	8.192	9.5	365*365*190	Suitable for single light strip
Connector	4PIN IP68 waterproof connector			LX-FC-0003	288	0.03	8.64	9.6		Suitable for RGB light strip
wire	4P T-type PVC wire (0.15M*2)		/	LX-FC-0004	20	0.075	1.5	1.95	250*250*150	Suitable for SPI&DMX512 lamp with cascade connection,IP67
wire	4P female connector wire (0.25M)		/	LX-FC-0005	50	0.025	1.25	1.7	250*250*150	Suitable for SPI&DMX512 lamp with cascade connection,IP67

Product control system solutions

Product Image	Product name	Product number	Order code	Product specifications	Applicable Products
	Monochrome remote	LX-CK1-GBA	402-02-000000-00001	output signal : RF Working voltage: 3VDC(CR2032) Remote control distance : 30m Working temperature:Ta:0-30°C-0+55°C	Monochrome light strip (Use with LX-CR1-GBA)
	Monochrome light controller	LX-CR1-GBA	402-01-000000-00001	Input voltage : DC12-48V Output current : 15A@12V/24V,10A@36V/48V Output Power:Max 180W@12V/Max 360W @24V/Max 360W@36V/Max 480W@48V Working temperature:-30°C— +55°C	Monochrome light strip (Use with LX-CR1-GBA)
	RGB/RGBW remote control	LX-CK4-GBA	402-02-000000-00003	output signal : RF Working voltage: 3VDC(CR2032) Remote control distance : 30m Working temperature:Ta:0-30°C-0+55°C	RGB/RGBW light strip (Use with LX-CR3-GBA)
	RGB controller	LX-CR3-GBA	402-01-000000-00003	Input voltage : DC12-48V Output current:18A Output Power : Max 216W@12V/Max 432W @24V/Max 648W@36V/Max 864W@48V Working temperature:-30°C— +55°C	RGB light strip (Use with LX-CK4-GBA)
	Symphony Controller	LX-K-8000C	23-01-00-0050	Power supply : DC 5V-24V input Power consumption: 5W Working temperature: Ta:0-20°C-0+85°C	DMX/SPI magic lights with universal

Precautions

· Use a 24V DC isolated power supply to drive the neon lamp strip and the ripple wave of constant voltage source shall be less than 5%. It is not allowed to use RC voltage reduction or non-isolated power supply to drive the neon lamp strip.



· In actual applications, 20% of the power supply shall be kept (only 80% of the power is used) to guarantee that sufficient voltage is available to drive the product.

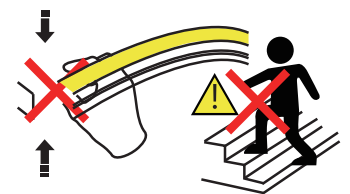
· Attention shall be paid to safe operation. After powering on, it is not allowed to touch the AC power supply to avoid an electric shock.



· Attention shall be paid to the positive and negative poles of the wires during installation and whether the power supply conforms to required voltages to avoid damages.

· Avoid scratching, distortion and irregular bending of the product during installation; otherwise it may cause irreparable damage to the product.

· Please do not bend the strip into an arc with a diameter less than 30mm to ensure the longevity and reliability, the bending diameter too small will damage the product itself.



· If the actual length of application exceeds the specified using length, it will lead to overload heating and uneven brightness.

· To keep the eyes from being harmed, try to avoid staring at the glowing side of the LED strip for a long time.

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

· Do not use any acid or alkaline adhesive to fix products (including not limited to glass cement, etc.)

· Products with different IP grade should be used in different environments, the product with IP65 is not suitable for use in water-immersed environment .

· The final color of products with different sizes and specifications is slightly deviated due to structural differences under the same color temperature, which should be confirmed before use.

· Please use professional cutting tools when cutting.

· Attention, there are 2 soldering parts per reel (5m/reel) at most when mass production.