

NEON FLEX

LX-NF-NNR18



IP 65	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, LM80 test proved.
- Process & Material: High light transmittance, food-grade environmental silicone material, integrated extrusion molding technology, High protection level.
- Optical Design: Unique optical light distribution structure design, uniform lighting surface and no shadow.
- Appearance Design: 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.
- Product Certification: 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.



luxio
L I G H T I N G

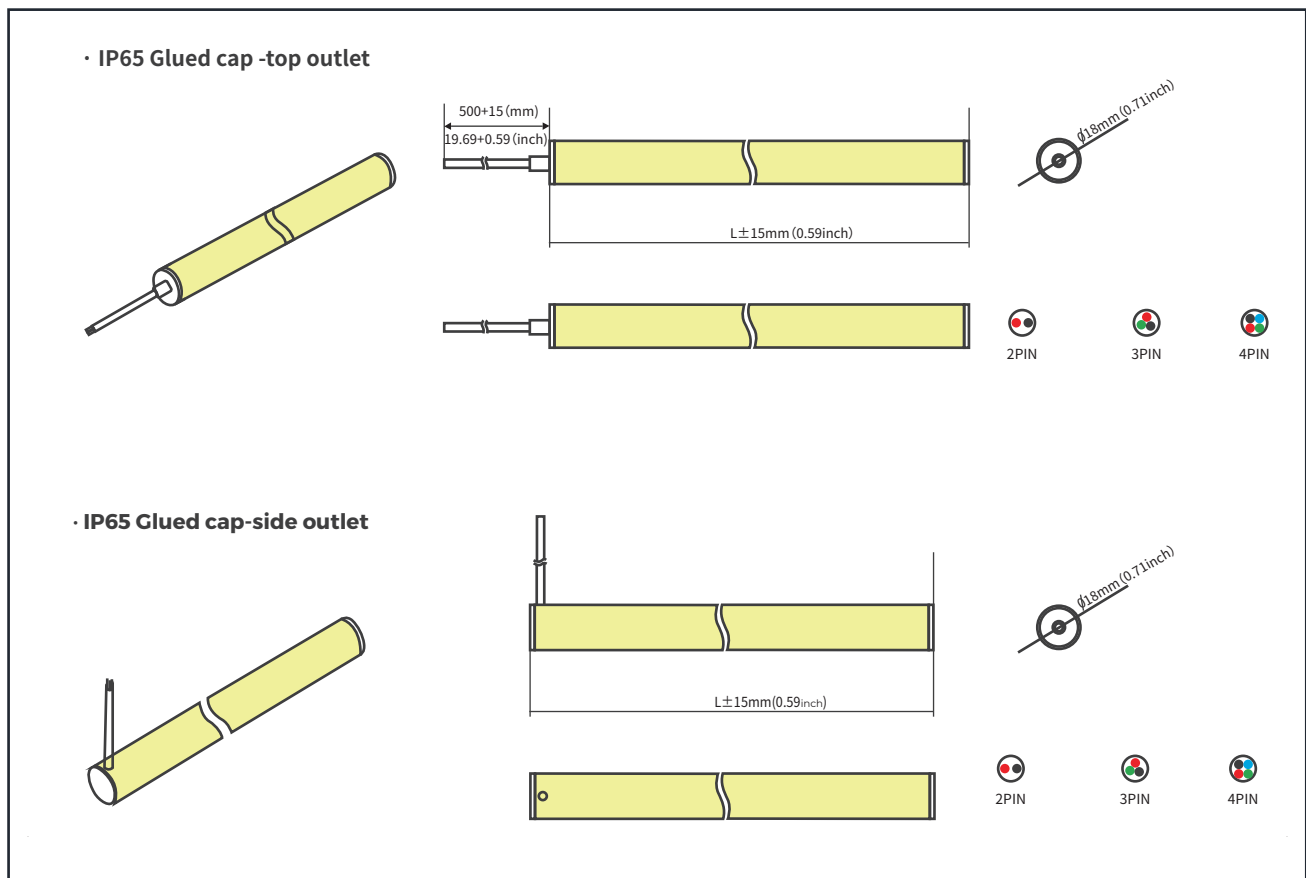
www.luxio-lighting.com

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-NNR18	14.4W	16W	24V	0.6	>90	2300K	700Lm	IP65	5000mm	Arbitrary cutting	
						2700K	700Lm				
						3000K	800Lm				
						4000K	800Lm				
	10W	11W		0.42	/	G 525-530nm B 465-470nm	/				2*7LED/41.67mm
	14.4W	16W		0.6	>90	2300-4000K	/				2*12LED/31.25mm
13W	14.3W	0.54	/	RGB	510Lm	7LED/50mm					

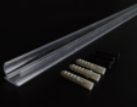
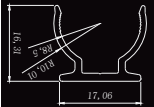

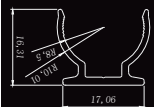

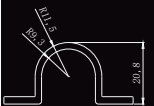

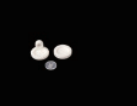

1. The above parameters are tested based on 1m (3.28ft) standard products;
2. The luminous flux is allowed to have an error range of $\pm 10\%$;
3. The above parameters are typical values;

Product mechanical parameters









Accessory Information

Installation schematic	Accessories Picture	name	Order model	quantity/ case (PCS)	net weight (kg)	Per box net weight	Gross weight (kg)	Gross weight (mm)	Remark
		Hang the top vertically Outlet installation accessory kit (1m)	LX-NNR18VHD-1000	23	0.21	4.83	5.72	1285*160*160	LX-NNR18-XXXXBC0100 Round tube 3M Wire rope 2M
		Vertical hanging from the top Install accessory kit (2.5m)	LX-NNR18VHD-2500	28	0.35	9.8	11.52	2580*165*165	LX-NNR18-XXXXBC0250; Round tube 2.5M Wire rope 2M
		Vertical hanging side outlet Install accessory kit (1m)	LX-NNR18VHS-1000	23	0.19	4.37	5.26	1285*160*160	LX-NNR18-XXXXBC0100 Round tube 3M Wire rope 2M
		Vertical hanging side outlet Install accessory kit (2.5m)	LX-NNR18VHS-2500	28	0.33	9.24	10.96	2580*165*165	LX-NNR18-XXXXBC0250 Round tube 2.5M Wire rope 2M
		Single-ended vertical ceiling Install accessory kit (1m)	LX-NNR18VCC-1000	23	0.14	3.22	4.11	1285*160*160	LX-NNR18-XXXXBC0100 Round tube 3M ;
		Single-ended vertical ceiling Install accessory kit (2.5m)	LX-NNR18VCC-2500	28	0.28	7.84	9.56	2580*165*165	LX-NNR18-XXXXBC0250 Round tube 2.5M ;
		Double-ended vertical ceiling Kits	LX-NNR18VCC-XX-2	48	0.16	7.68	8.28	365*365*190	LX-NNR18-XXXXBC0100 LX-NNR18-XXXXBC0250 LX-NNR18-XXXXBC0500
		Horizontal ceiling installation components	LX-NNR18LCX-1000	20	0.06	1.20	1.80	1180*125*115	LX-NNR18-XXXXBC0100 LX-NNR18-XXXXBC0500 PC slot 3M ;

Name	Description	Image	Sectional size	Ordering code	Quantity case (PCS)	net weight (kg)	Per box net weight (kg)	Gross weight (kg)	Packing (mm)	Remark
PC carrier	Flat mounting PC groove			LX-NNR18P-1000	48	0.08	3.84	4.84	1180*125*115	Size: L1000*W19*H16.3mm with screws
PC carrier	Flat mounting PC groove			LX-NNR18P-60	200	0.008	1.6	1.8	250*250*150	Size: L60*W19*H16.3mm with screws
PC carrier	Flat mounting PC groove			LX-NNR18P1-25	200	0.005	1	1.2	250*250*150	Size: L25*W44.6*H20.8mm with screws
Glued cap	Glued cap		/	LX-NNR18GH0-EC	500	0.0003	0.15	0.8	250*250*150	/
Glued cap	Glued cap		/	LX-NNR18GS0-EC	500	0.0003	0.15	0.8	250*250*150	/
connector	2PIN IP68 Waterproof connector		/	LX-FC-0001	512	0.016	8.192	9.5	365*365*190	Suitable for single color strip
connector	3PIN IP68 Waterproof connector		/	LX-FC-0002	512	0.018	9.216	10.2	365*365*190	Suitable for SWW strip
connector	4PIN IP68 Waterproof connector		/	LX-FC-0003	512	0.018	9.216	10.2	365*365*190	Suitable for RGB strip

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)
	CCT remote control	LX-CK2-GBA	402-02-000000-00002	output signal:RF Working voltage:3VDC(CR2032) Remote control distance:30m Working temperature:Ta:0-30°C-0+55°C	CCT light strip (Use with LX-CR2-GBA)

Product Image	product name	Product number	Order code	Product specifications	Applicable Products
	Color temperature controller	LX-CR2-GBA	402-01-000000-00002	Input voltage :DC12-48V Output current : 8A Output Power : Max 192W@12V/Max 284W @24V/Max 576W@36V/Max 768W@48V Working temperature:-30°C— +55°C	CCT light strip (Use with LX-CK2-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)

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 bar.

·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 120mm or less. 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.).

· Different IP grades are used in different scenarios, and IP65 is not suitable for immersed environments.

· 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 needs to be confirmed before use.

· Light strips that can be cut arbitrarily need to be glued or plugged after cutting. Colored light and color temperature are strictly prohibited to be cut to avoid damage to the lamp due to cutting.

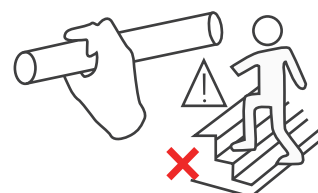
· Please use professional cutting tools when cutting.



It is forbidden to wrap objects less than 150mm



NO stretching



No trampling