

NEON FLEX

LX-NF-NNS1224-PRO



IP 67/68	IK 08	CRI >80/90	DC24V
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UV RESISTANT	FLAME RESISTANT	SALTWATER RESISTANT	SOLVENT RESISTANT
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5 YEAR WARRANTY	bridgelux	CE	RoHS	36000h
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NEON FLEX

- Light source: High luminous efficiency, LM80 test proved.
- Process & Material: three-color silicone extrusion technique is applied, Cutting mark more clear; integrated extrusion molding technology, IP68.
- 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.
- Product Certification: UL, CE, ROHS, UCKA, CA.
- Environmental Features: Resistance to saline solutions, acids & alkali, corrosive gases and UV.
- Working/Storage Temperature: Ta: -20~55°C / 0°C~60°C;
- Symphony working/storage temperature: Ta: -20~40°C / 0°C~60°C;
- Application: Signage Lighting, Outdoor/indoor decorative lighting, Architectural Contour lighting, Waterproof lighting.
- White/RGB with 3 years warranty or working life =36000H, whichever comes first; SPI/DMX512 with warranty 2 years or working life=20000H, whichever comes first.



www.luxio-lighting.com

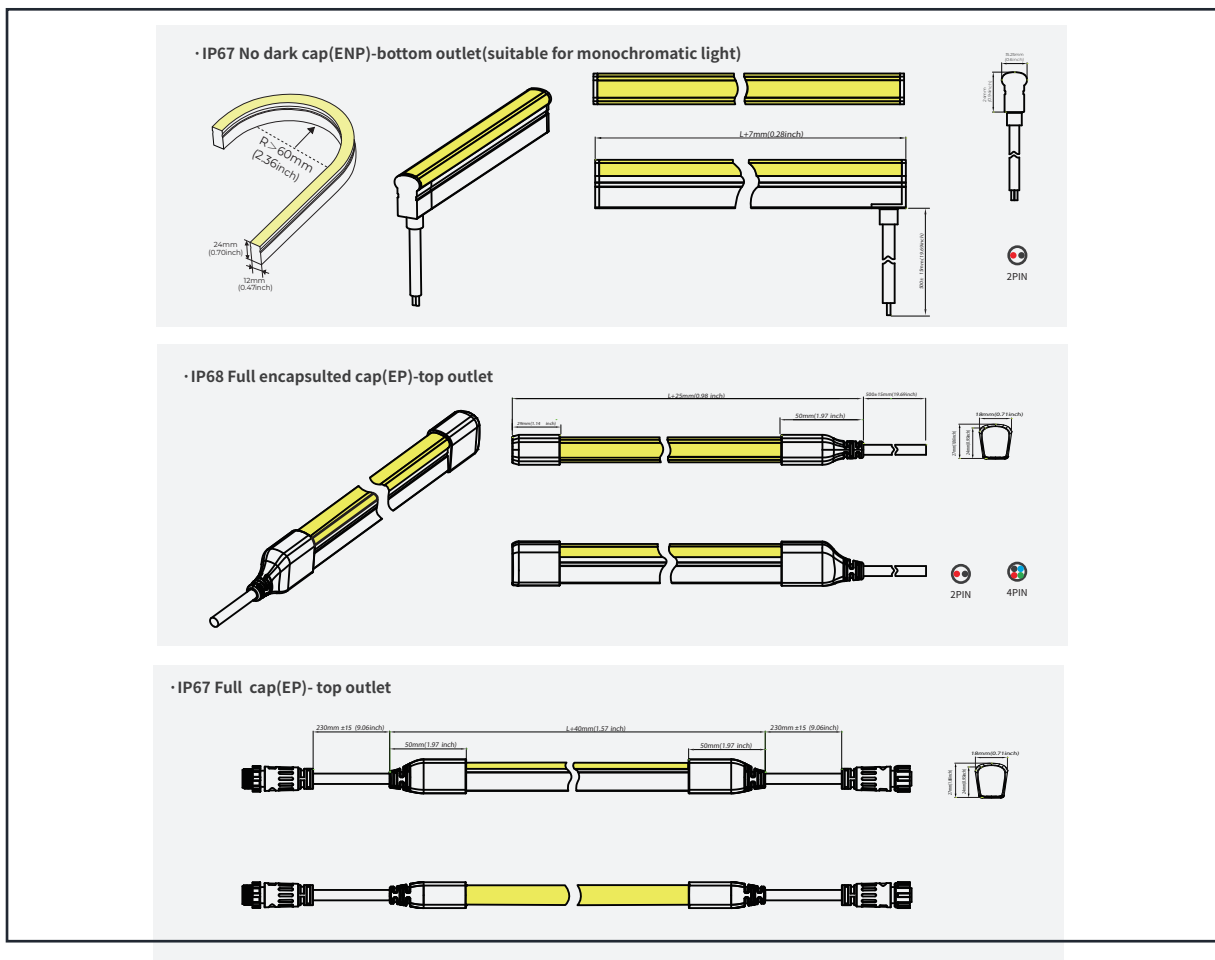
References

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-NNS1224-PRO	9.6W	10.6W	24V	0.4A	>90	2200K	360Lm	IP67/IP68	W12H24mm/ 5000mm 10 000mm	7LED/50mm
						2700K	420Lm			
						3000K	440Lm			
						4000K	430Lm			
						5000K	430Lm			
	12W	13.2W		0.5A	—	RGB	—		W12H24mm/ 5000mm	7LED/125mm
	15W	17.25W		0.63A	—	RGB+2700K	140Lm			
						RGB+3000K	150Lm			
						RGB+3500K	340Lm			
						RGB+5000K	350Lm			







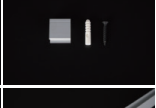

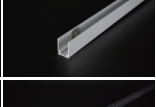





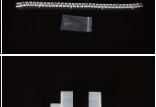



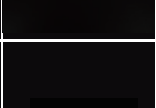
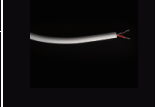
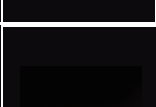

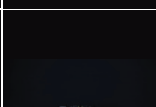
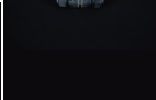

Order code : Reference - Power - Luminous flux - CCT/K - Optic

Important : All the specification can be customized as per the project request .









Product mechanical parameters



Product mechanical parameters

name	describe	Accessories Picture	Section size	Order model	quantity/ case (PCS)	net weight (kg)	Per box net weight (kg)	Gross weight (kg)	Gross weight (mm)	Remark
Alumina carrier	Flat mounting aluminum groove			LX-NMS1217A-1000	60	0.1755	10.53	11.53	1180*125*115	size :L1000*W14.4*H18.85mm With screws
Aluminum clip	Flat mounting of clip			LX-NMS1217A-25	300	0.0044	2.01	2.16	250*250*150	size :L25*W14.4*H18.85mm With screws
Alumina carrier	Aluminum groove reserved outlet position			LX-NMS1217A1-1000	48	0.1755	8.424	9.5	1180*125*115	size :L1000*W14.4*H24.85mm With screws
Aluminum clip	Clip of reserved outlet position			LX-NMS1217A1-25	300	0.0044	2.01	2.16	250*250*150	size :L25*W14.4*H24.85mm With screws
Alumina carrier	Pre-installed aluminum groove			LX-NMS1217A2-1000	48	0.17	8.16	9.16	1180*125*115	size : L1000*W15.8*H21mm With screws, One meter with 5 clips
PC carrier	Flat mounting PC groove			LX-NMS1217P-1000	60	0.08	4.8	5.8	1180*125*115	size :L1000*W14.6*H19.35mm With screws
PC carrier	Flat mounting of PC clip			LX-NMS1217P-25	350	0.004	1.505	1.655	250*250*150	size :L25*W14.6*H19.35mm With screws
Moldable carrier	Moldable groovez			LX-NMS1217M-500	100	0.0377	3.77	6.49	500*290*290	size :L500*W13.1*H11.9mm With screws
End-Cap set	Silicon End-Cap Set (End-Cap and Plus)			LX-NNS1224GH0-EC	400	0.0035	1.4	1.7	250*250*150	/
Glue	588G acidic glue		/	LX-PG-0002	150	0.014	21	2.4	250*250*150	10m/pcs
Wire	2P PVC wire (0.5M)		/	LX-WS-0001	150	0.0154	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	250*250*150	Suitable for single color strip
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	250*250*150	Suitable for RGB strip
Connector	2PIN IP68 waterproof connector		/	LX-FC-0001	512	0.016	8.192	9.5	365*365*190	Suitable for single color strip
Connector	4PIN IP68 waterproof connector		/	LX-FC-0003	288	0.03	8.64	9.6	365*365*190	Suitable for RGB strip Suitable for RGBX strip

Product control system solutions

Product Image	product name	Product number	Order code	Product specifications	Applicable Products
	Monochrome remote	LX-K1-GBA	02-02-000000-00001	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 CR1-GBA)
	Monotone light controller	LX-R1-GBA	02-01-000000-00001	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 CR1-GBA)
	CCT remote control	LX-K2-GBA	02-02-000000-00002	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 CR2-GBA)
	Color temperature controller	LX-R2-GBA	02-01-000000-00002	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 CK2-GBA)
	RGB/RGBW remote control	LX-K4-GBA	02-02-000000-00003	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 CR3-GBA)
	RGB controller	LX-R3-GBA	02-01-000000-00003	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 CK4-GBA)
	RGBW controller	LX-R4-GBA	02-01-000000-00004	Input voltage :DC12-48V Output current:20A Output Power :Max 240W@12V/Max 480W @24V/Max 720W@36V/Max 960W@48V Working temperature:-30°C — +55°C	RGBW light strip (Use with CK4-GBA)
	Symphony Controller	LX--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 60mm 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.)

· Please confirmed before usage as products of varied sizes show slight differences in their color under same color temperature due to their structural differences.

· When IP68 protective products are installed and applied, the waterproofing grade should be degraded after self-processing and cutting.

· Please use professional cutting tools when cutting.

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

