NEON FLEX

LX-NF-NJT1010T

IP 65	IK 08	CRI >80	DC24V

UV RESISTANT	FLAME RESISTANT	SALTWATER RESISTANT	SOLVENT RESISTANT

5 GARANTIE	CE	RoHS	36000h

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· Light source: Reel-to-reel process, SMD2835, LM80 proved.

· Process & Material: High light transmittance, environmental silicone material, integrated extrusion molding technology，IP44/IP65.

· 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.

· Environmental Features: Resistance to saline solutions, acids & alkali, corrosive gases and UV.

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

- Application:Interior outline, auxiliary lighting.

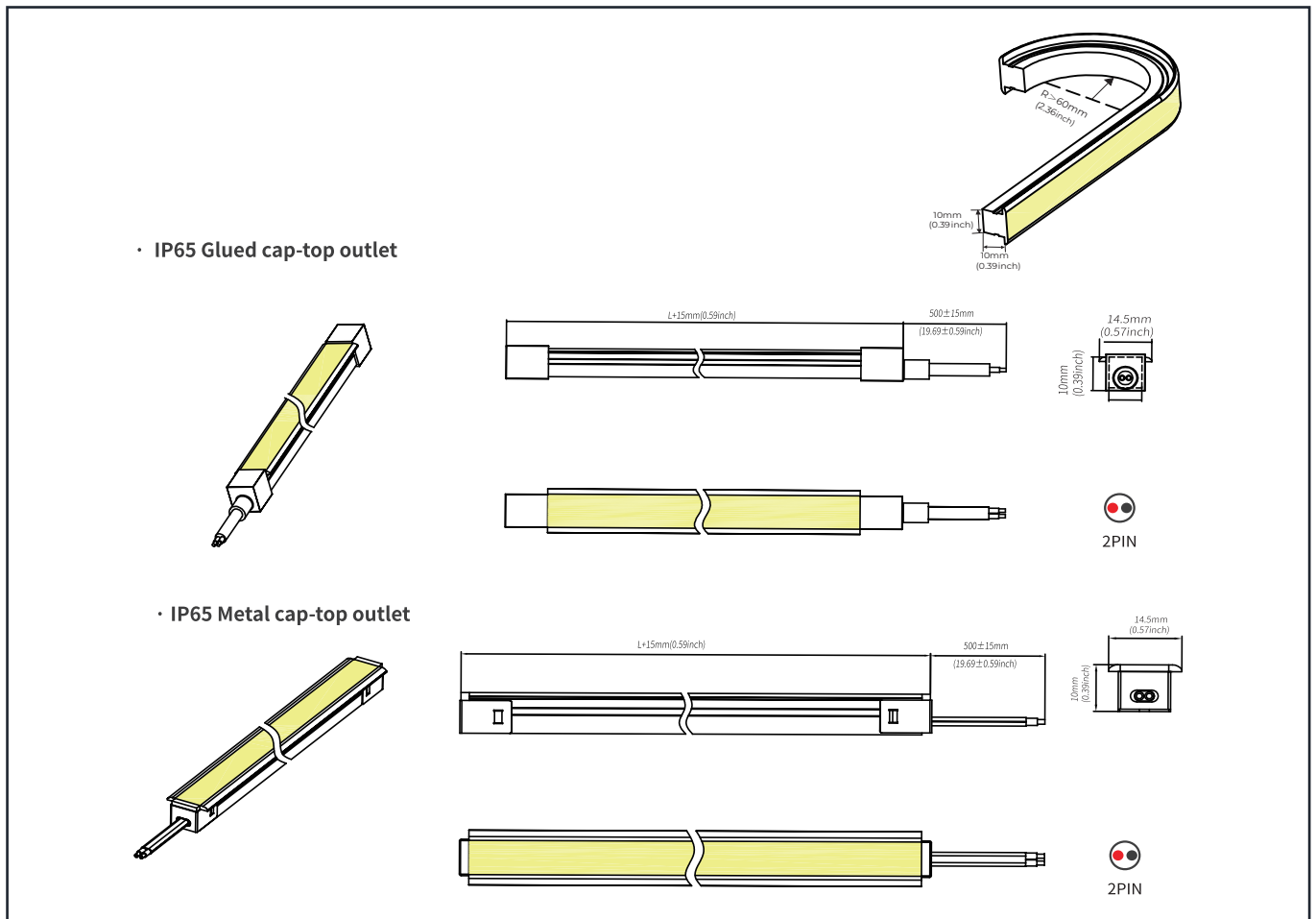| 2700 K	3000 K	3700 K	5000 K

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References

Reference	Rated power (w/m)	Maximum power (w/m)	Input Voltage	Rated current (A/m)	CRI	CCT/colors	CCT range	Luminous flux	IP Rating	Dimensions	Remark
LX-NF-NJT1010T	8.8W	9.6W	24V	0.37	>80	2700K	2650-2950K	650Lm	IP65	5000mm	6LED/50mm
						3000K	3000-3400K	710Lm			
						4000K	3800-4250K	710Lm			
						5000K	4700-5300K	700Lm			

1、The above data is the testing result of 1M standard product;
2、The lumens of output data can be vary up to ±10%;
3、The above parameters are all typical values；
4、Standard glue plugs are shipped.

Product mechanical parameters

· **IP65 Glued cap-top outlet**

· **IP65 Metal cap-top outlet**

Accessory Information

Name	Description	Imgae	Sectional size	Ordering code	Quantity case (PCS)	Net weight (kg)	Per box net weight (kg)	Gross weight (kg)	Packing (mm)	Remark
Alumina carrier	Flat mounting slot			LX-NMT1010A-1000	98	0.18	17.64	18.64	1180*135*130	Size: L1000*W12*H11mm with screws
Aluminium clip	Flat mounting clip		12.1	LX-NMT1010A-20	800	0.06	4.8	4.95	250*250*150	Size: L20*W12*H11mm with screws
End cap set	End cap set, including end cap and plug (outlet from the top)			LX-NMT1010GH0-EC	800	0.003	2.4	2.7	250*250*150	/
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 white light strip
Wire	2P PVC Wire (2M)			LX-WS-0002	125	0.0616	7.7	8	250*250*150	
Connector	2PIN IP68 waterproof connector		/	LX-FC-0001	512	0.016	8.192	9.5	365*365*190	Suitable for white light strip
Metal end cap kit	Metal end cap kit		/	LX-NJT1010TSH0-EC	1500	0.00065	0.975	1.275	250*250*150	Suitable for NJT1010T
Gray wire	2PIN Gray wire (0.5M)		/	LX-WS-0009	200	0.0077	1.54	1.84	250*250*150	Suitable for metal plugs
Gray wire	2PIN Gray wire (2M)			LX-WS-0010	100	0.031	3.1	3.4		

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Solution of controll system

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℃~0+55℃	Monochrome light strip (Use with LX-CR1-GBA)
	Monotone 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℃— +55℃	Monochrome light strip (Use with LX-CR1-GBA)

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.

No stretching

·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.

No distortion

·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.

·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.)

·Product is not suitable for use in swimming pools and fountains.

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

No trampling

·When IP65 protective products are installed and applied, the waterproofing grade should be degraded after self-processing and cutting.

·In mass production, 1-2 splices are allowed within every 5 meters.

·Please use professional cutting tools when cutting.

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