



Flexible Neon LED Light



IK06



Description

Flexible Neon Lighting

The ultimate linear lighting solution for straight and curved applications. Flexible Neon is a premium, fully dimmable LED neon lighting system designed to deliver seamless, dot-free illumination for both indoor and outdoor environments. Available in a variety of sizes and profiles, Flexible Neon offers top-bend and side-bend options, making it easy to create smooth curves, sharp corners, and continuous linear designs. Perfect for architectural lighting, millwork, façade illumination, signage, landscape features, coves, and custom installations. Flexible Neon combines exceptional flexibility with long-lasting performance and a clean, modern appearance.



Model: LUMIFLEX

Optical:

CCT: 2300-5400 CCT
CRI: ≥90

Electrical:

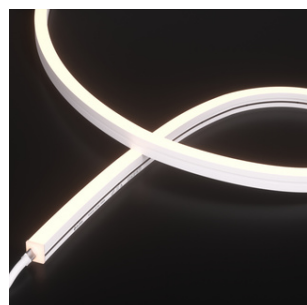
Rated Power: 7.2W / 8.8W
Input voltage: 24V
standard length: 5000 mm (16.4ft)

Life:

Lifespan: Indoor 60,000 Hours / Outdoor 36000
Warranty: 3 Years

General:

Available IP: IP65
Cutting unit: 6LED/50mm
Operating temperature: -25~55°C
Certification: cUL, CE, RoHS

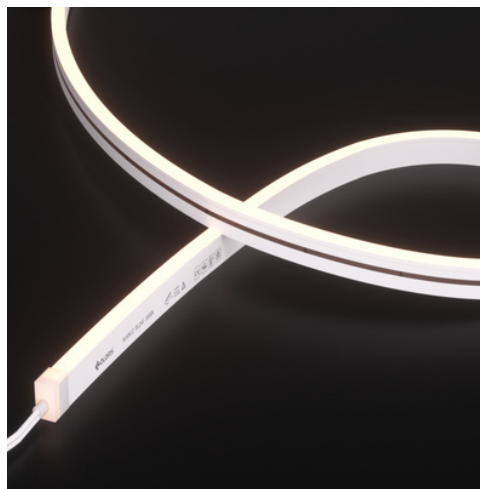
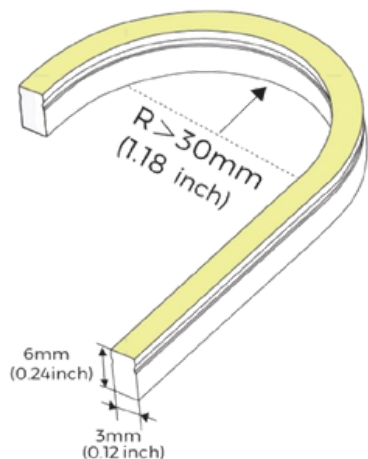




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Basic Parameters

	CCT/colors	Color Range	Input Voltage	CRI	Rated Current (A/M)	Rated Power (w/m)	Maximum Power (w/m)	Lumens (LM/m)	Standard Length	Remark
NEO3X6	2300K	2150-2550k	24	>90	0.6 (0.18A/ft)	7.2 (2.19W/ft)	8.3 (2.53W/ft)	170(51/ft)	5000mm (16.4ft)	3LED/15.6mm
	2700K	2500-2900k	24					170(51/ft)		
	3000K	2750-3250k	24					185(56/ft)		
	4000K	3550-4450k	24					200(60/ft)		
	2300K	2100-2500k	24		0.3 (0.09A/ft)			170(51/ft)		7LED/35.7mm
	2700K	2500-2900k	24					215(65/ft)		
	3000K	2750-3250k	24					235(71/ft)		
	4000K	3600-4500k	24					260(79/ft)		
	2330K+4000K	2200k-4250k	24		0.6 (0.18A/ft)			140(42/ft)		6LED/15.6mm
	2330K+4000K	2200k-4350k	24		0.3 (0.09A/ft)			215(65/ft)		14LED/35.7mm





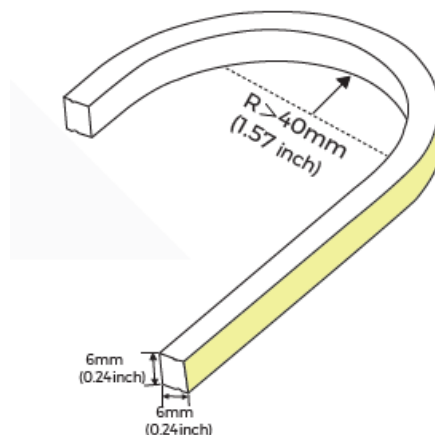
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Basic Parameters

Model	CCT/colors	Color Range	Input Voltage (V)	CRI	Rated Current (A/M)	Rated Power (W/m)	Maximum Power (W/m)	Lumens (LM/m)	Standard Length	Remark
NEO6X6	2300K	2100-2500K	24	>90	0.3 (0.09A/ft)	7.2 (2.19W/ft)	8.3 (2.53W/ft)	350 (107LM/ft)	5000mm (16.4ft)	7LED/25mm
	2700K	2550-2950K	24					400 (122LM/ft)		
	3000K	2950-3350K	24					400 (122LM/ft)		
	4400K	4200-4600K	24					440 (134LM/ft)		

Notes:

1. Values shown are typical test results for a 1 m standard product.
2. Lumen output may vary by up to +/-15%.

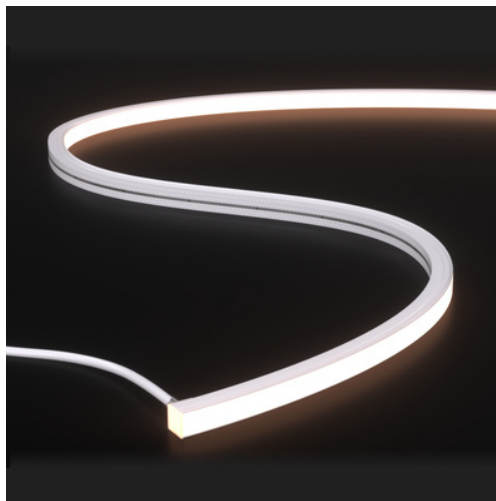
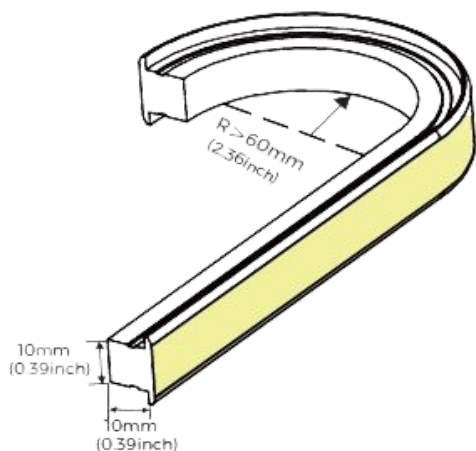




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Basic Parameters

Model	CCT/colors	Color Range	CRI	Input Voltage (V)	Rated Current (A/M)	Rated Power (w/m)	Maximum Power (w/m)	Lumens (LM/m)	Standard Length	Remark
NEO10X10	2700K	2600-2900K	>80	24	0.37 (0.11A/ft)	8.8 (2.7W/ft)	9.6 (2.93W/ft)	530 (162LM/ft)	5000mm (16.4ft)	6LED/38.46mm
	3000K	2900-3300K						530 (162LM/ft)		
	3500K	3300-3700K						560 (171LM/ft)		
	5200K	5000-5500K						550 (168LM/ft)		

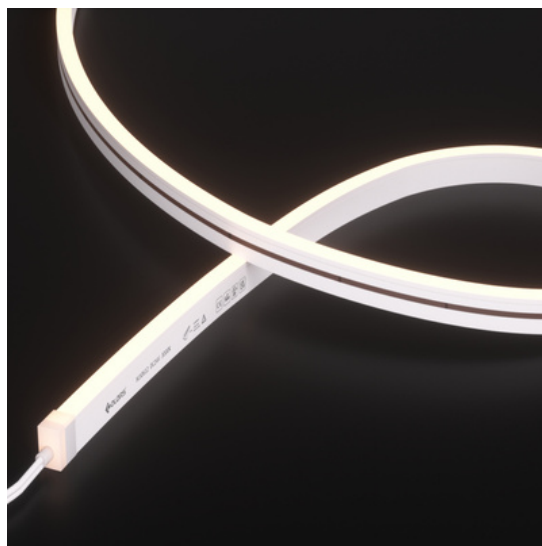
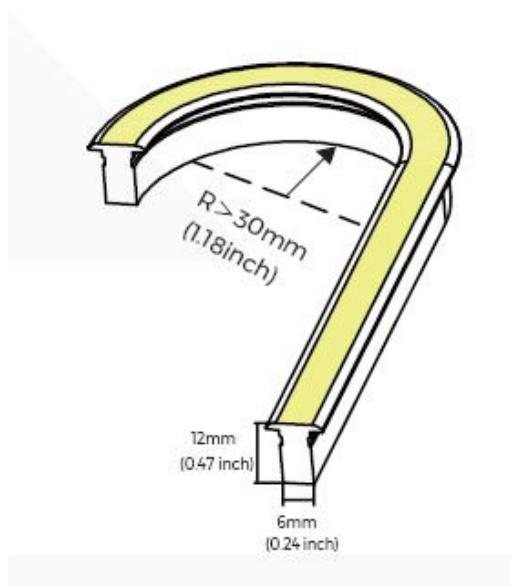




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Basic Parameters

NEO6X12	CCT/colors	Color Range	CRI	Input Voltage (V)	Rated Current (A/M)	Rated Power (w/m)	Maximum Power (w/m)	Lumens (LM/m)	Standard Length	Remark
	2700K	2550-2850K	>80	24	0.37 (0.11A/ft)	8.8 (2.7W/ft)	9.6 (2.93W/ft)	216 (66LM/ft)	5000mm (16.4ft)	6LED/50mm
	3000K	2860-3250K						226 (69LM/ft)		
	3500K	3500-3900K						233 (71LM/ft)		
	5200K	4900-5400K						232 (71LM/ft)		
	2700K	2550-2850K	>80	24	0.37 (0.11A/ft)	8.8 (2.7W/ft)	9.6 (2.93W/ft)	216 (66LM/ft)	5000mm (16.4ft)	6LED/50mm
	3000K	2860-3250K						226 (69LM/ft)		
	3500K	3500-3900K						233 (71LM/ft)		
	5200K	4900-5400K						232 (71LM/ft)		





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Ordering Table

Model	Size W X H	CCT K	Bend	Lip	Roll Length	Accessories
36: NEO 3X6 66: NEO6X6 612: NEO6X12 1010: NEO10X10	3x6 mm 6x6 mm 6x12 mm 10x10 mm	23:2300 27:2700 30:3000 40:4000 DW:2300-4400	T: Top Bend S: Side Bend	T: With lip None : no lip	5m: 5 meters 10m :10 meter	CH: Aluminum Extrusion ENDM: Metal end cap kit ENDW: End cap set G: Glue W: Wire W2: Wire 2meter

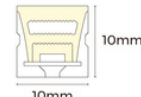
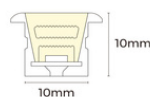
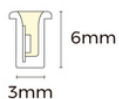
① only available on NEO3x6

3x6 mm With Lip

3x6 mm NO Lip

10x10 mm With Lip

10x10 mm NO Lip



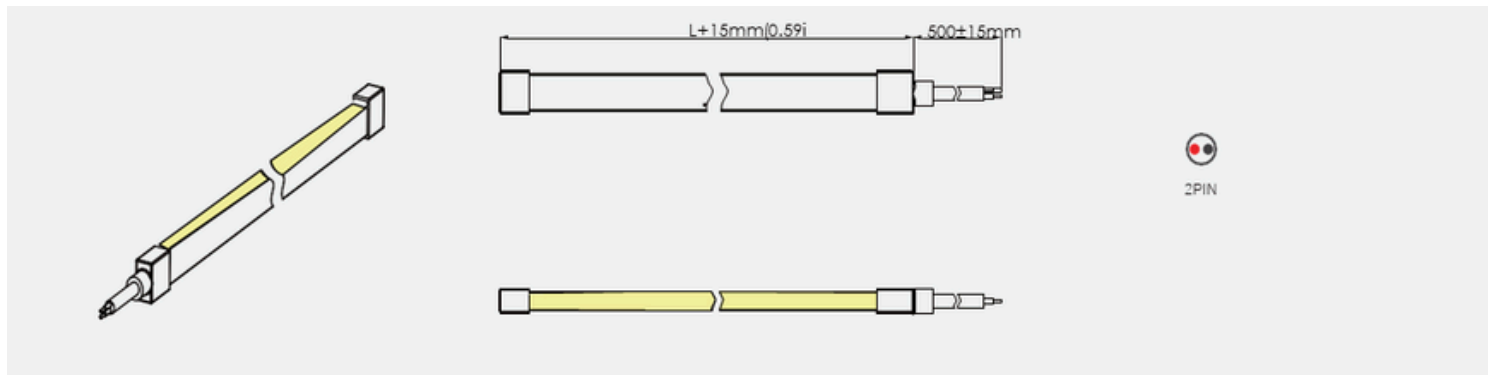
Accessories information

Name	Description	Sectional Size
CH: Aluminum Carrier	Flat mounting Aluminum groove	6.6 mm x 4.8 mm
ENDM : Metal End Cap Kit	Metal end cap kit	3.6mm x 9.16mm
WNDW : End Cap Set	End cap set, including end cap and plug (outlet from the top direction)	3.2mm x 6.3mm x 8 mm
G: Glue	588G Acidic glue	
W : Gray Wire	2PIN Gray Wire (0.5M)	
W2 : Gray Wire	2PIN Gray Wire (2M)	

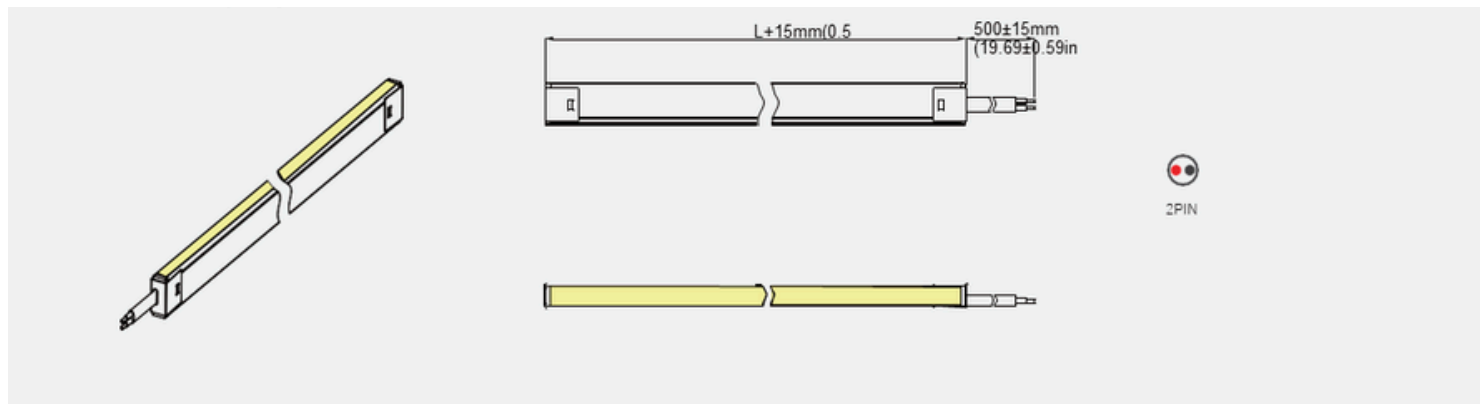


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Glued Cap-top outlet



Metal Cap-top outlet



Application photo

