

Neon Side-Bending White Light Engine

Specification Submittal

Neon Side-Bending White Light Engine offers increased flexibility with its rugged, ultra-flexible silicone housing delivering protection, longevity, and a continuous smooth glow of light. It is water-resistant and side-bending for dynamic, curved lighting installations.



Features & Benefits

- Offered in top-bending or side-bending for dynamic, curved lighting installations
- Ultra-flexible silicone housing delivering protection and longevity
- Water-resistant and suitable for any outdoor application
- Superior color rendering
- High R9 and R13 values for superb rendering of warm tones
- UL Listed and Title 24

Technical Information

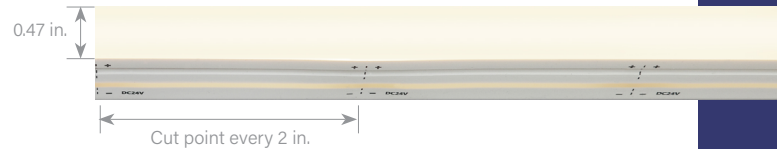
Power Consumption per Foot	3 Watts
Input Voltage	24V DC
Tape Height	0.65 inches
Beam Angle	120°
Bend Radius	>2.36 inches
Field Cuttable (UL 2108)	Every 2 inches
Dimmable	Yes

Project Name:

Project Location:

Fixture Type:

SKUs:



Ambient Temperature	-40° C to 50° C
Environment	Indoor/Outdoor, Dry/Wet, (IP67)
Certifications	UL Listed, UL 2108, CE, RoHS, can be used to comply with Title 24 JAB - 2019
UV Rating	No discoloration
Warranty	5 Year Limited

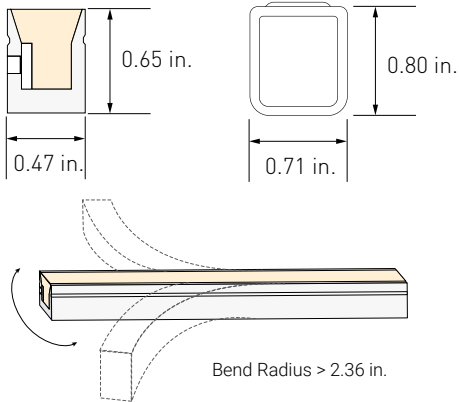
System Builder Choose one option for each step.

Prefix	Width	Location	Output	Voltage	CCT	Length	# of Leads	Lead Length 1	Lead Length 2
OP-01-	N12MMSB	0	100LM 100+ lm/ft. (3W)	24V	2600K 3000K 3500K 4100K RED BLUE	XXX Length in 1 in. increments Total lengths can not exceed the following: • Max run of = 32.8 ft.	1LEAD One lead 2LEAD Two leads (one at each end) By default leads come out the end of the fixture. If the lead length is followed by the letter "B" it means the lead will come out the BACK of the fixture. If the lead length is followed by the letter "R" it means the lead will come out the RIGHT of the fixture. If the lead length is followed by the letter "L" it means the lead will come out the LEFT of the fixture.	XXX 1-120 in.	XXX 1-120 in. Optional

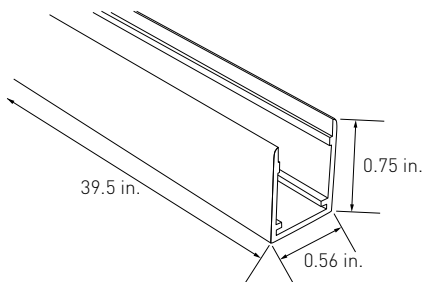
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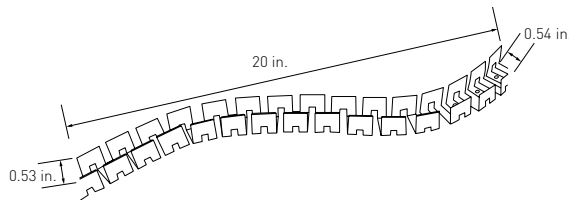
Dimensions



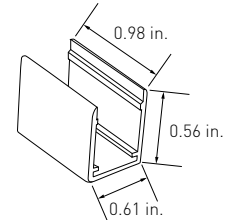
Mounting Accessories



Aluminum Mounting Track



Flexible Mounting Track



Aluminum Mounting Clip/Screws

Output

Output (lm/ft)		100
Lumens (per ft)	2600K	110
	3000K	115
	3500K	115
	4100K	115
	Red	N/A
	Blue	N/A
Wattage* (per ft.)		3.0
Max Run Length** (ft.)		32.8

*Power consumption based on average wattage per foot.

**Maximum run length per power feed.

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Photometry

3500K

LUMEN SUMMARY

Zone	Lumens	% Fixture
0° - 15°	6.69 lm	5.82%
0° - 30°	25.0 lm	21.74%
0° - 45°	49.7 lm	43.22%
0° - 60°	74.7 lm	64.96%
0° - 75°	93.7 lm	81.48%
0° - 90°	104 lm	90.43%

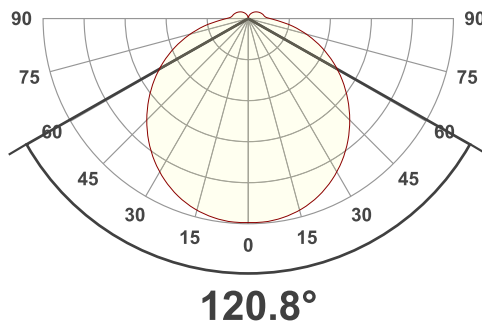
FOOT CANDLES

Distance	Foot Candles
1'	32 fcd
1.5'	14 fcd
2'	8 fcd
2.5'	5 fcd
3'	4 fcd
4'	2 fcd
5'	1 fcd
6'	1 fcd
9'	0 fcd
12'	0 fcd

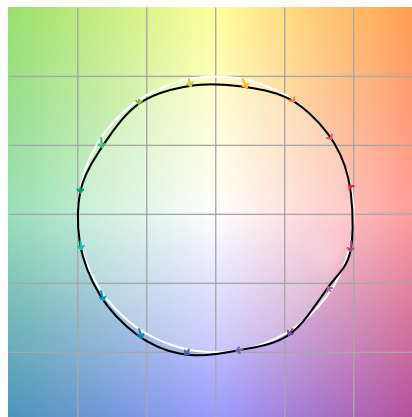
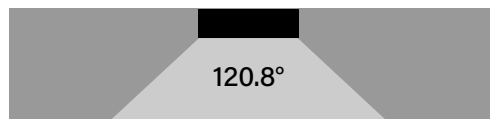
COLOR VECTOR GRAPHIC

Hue Bin	R_f	Graphic shifts (%)	
		Chroma	Hue
1	95	-1%	1%
2	97	0%	-1%
3	96	-1%	-1%
4	91	-5%	-4%
5	94	-5%	0%
6	96	-2%	2%
7	89	-4%	5%
8	95	-1%	4%
9	91	1%	6%
10	90	2%	6%
11	92	4%	5%
12	93	4%	-2%
13	94	0%	-5%
14	93	2%	-4%
15	93	-3%	1%
16	91	1%	-7%

ANGULAR DISTRIBUTION 0 - 90°



BEAM ANGLE



Reference Test



(844) 454-2910



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optique-lighting.com