

Nano Linear Outdoor White Light Engines

Specification Submittal

Nano Linear Outdoor White Light Engines are designed and engineered to provide premium light for many applications. Optique's outdoor-rated light engines feature superior waterproofing by providing full silicone infill around the LEDs, avoiding air pockets and ensuring the best protection against the elements.

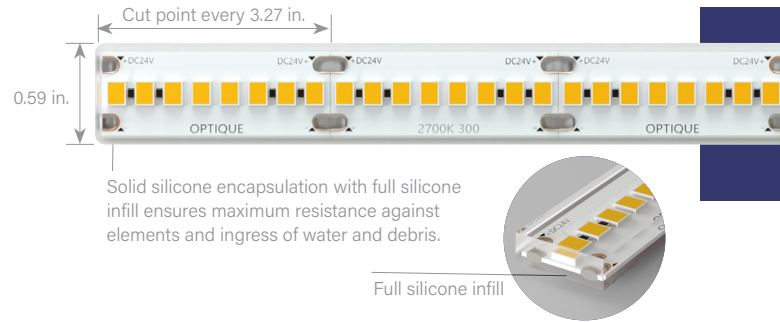


Project Name:

Project Location:

Fixture Type:

SKUs:



Features & Benefits

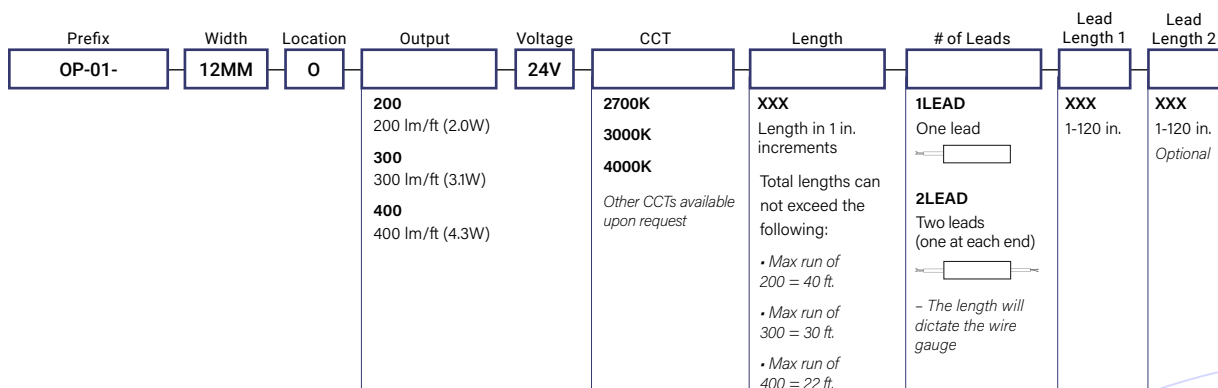
- Offered in color temperatures options from a warm 2700K to a cool 4000K
- Superior encasement featuring full silicone infill around LEDs
- Output ranges from 200 lumens per foot to 400 lumens per foot
- Superior color rendering
- High R9 and R13 values for superb rendering of warm tones
- 2-Step MacAdam ellipse for unparalleled quality and consistency
- UL Listed and Title 24
- Perfect for many applications, including accent lighting, task lighting, cove lighting, under-cabinet lighting, exterior perimeter, and other outdoor applications

Technical Information

Power Consumption Per Foot	2.0W (200 lm/ft.), 3.1W (300 lm/ft.), 4.3W (400 lm/ft.)
Input Voltage	24V DC
Diodes per Foot	72
Tape Height	0.197 inches
Beam Angle	123°
Field Cuttable (UL 2108)	Every 3.27 in.
Dimmable	Yes

Diode Type	2835
Mounting	3M™ Self-Adhesive Tape (Non-porous)
Operating Temperature	-25° C to 60° C
Ambient Temperature	-40° C to 80° C
Environment	Wet location (IP68)
Certifications	UL 2108 Listed, CE, RoHS, can be used to comply with Title 24 JA8 - 2019
Warranty	6 Year Limited

System Builder Choose one option for each step.



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Power Supplies

Include Power Supplies In Quote?

Yes, Include Power Supplies:

Optique Lighting will provide a universal power supply supporting 0-10, 1-10V, MLV, ELV dimming and voltage input from 100V-277V. Includes integrated junction box.

No Power Supplies Required:

No power supplies will be included.

*Note: If nothing is selected, we will assume power supplies should be included.

Output

Output (lm/ft)	200	300	400
2700K	196.1	300.6	415.4
3000K	209.0	329.7	452.4
4000K	230.5	360.4	425.0
Wattage* (per ft.)	2.0	3.1	4.3
Max Run Length** (ft.)	40	30	22

*Power consumption based on average wattage per foot.

**Maximum run length per power feed.

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Photometry

1 ft., 400 lm/ft, 3000K, Nano Linear Outdoor White Light Engine

LUMEN SUMMARY

Zone	Lumens	% Fixture
0° - 15°	27.0 lm	5.97%
0° - 30°	101 lm	22.35%
0° - 45°	203 lm	44.91%
0° - 60°	304 lm	67.26%
0° - 75°	385 lm	85.18%
0° - 90°	419 lm	92.70%

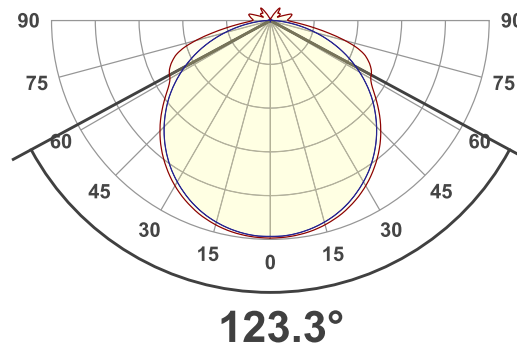
FOOT CANDLES

Distance	Foot Candles
1'	128 fcd
1.5'	57 fcd
2'	32 fcd
2.5'	20 fcd
3'	14 fcd
4'	8 fcd
5'	5 fcd
6'	4 fcd
9'	2 fcd
12'	1 fcd

COLOR VECTOR GRAPHIC

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

ANGULAR DISTRIBUTION 0 - 90°



BEAM ANGLE

