

Rettangolo I Nano Linear Fixture

Specification Submittal

Rettangolo I is a high-performing, premium Nano Linear fixture that provides a clean, minimalist look to seamlessly integrate into distinctive architecture. These modern light fixtures are great for both residential lighting and commercial spaces.



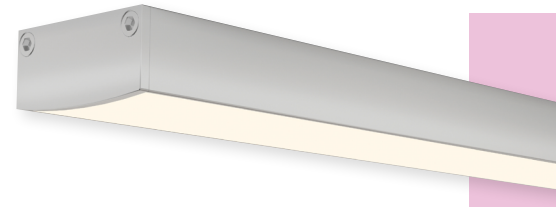
Applies to indoor light engines only

Project Name:

Project Location:

Fixture Type:

SKUs:

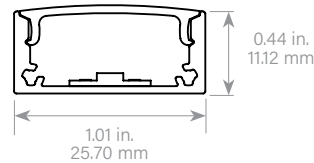


Features & Benefits

- Continuous lengths up to 8 ft. and longer lengths available using multiple segments
- Lead wire grommets eliminate light leaks
- Countersunk hex hardware for a clean look
- Special order RAL colors available
- High R9 and R13 values
- 2-step MacAdam ellipse for unparalleled quality and consistency
- UL Listed and Title 24
- Superior color rendering

Dimensions Actual size shown.

Fixture Cross Section




System Builder Choose one option for each step.

Prefix	Location	Output	CCT**	Lens	Finish	Mounting	Length	# of Leads	Lead Length 1	Lead Length 2
OP-SFU-RET1-				FRT						
	I Indoor	Indoor White Light L0.5 - 89 lm/ft* (1.0W) L1 - 185 lm/ft* (2.0W) L2 - 295 lm/ft* (3.1W) L3 - 400 lm/ft* (4.3W) L5 - 601 lm/ft* (6.6W) L6 - 701 lm/ft* (7.6W) L7 - 877 lm/ft* (9.6W) L9 - 1098 lm/ft* (12.0W) L10 - 1315 lm/ft* (15.2W) RGBW+ RGBW2 - 202 lm/ft (5.0W) RGBW3 - 284 lm/ft (7.7W) RGBW4 - 362 lm/ft (10.2W) Tunable L2 - 223 lm/ft (3.4W) L3 - 381 lm/ft (6.0W) <i>*This is for a 3500K tape light</i>	Indoor White Light 2200K 2400K 2700K 3000K 3500K 4000K 5000K RGBW+ 3000K Tunable 30-18K		ALU Anodized Aluminum GLW Powder Coated Gloss White ABL Anodized Matte Black RALXXXX Specify Color	MC Mounting Clip 0.51 in. 1.07 in. 0.63 in. VHB 3M VHB Adhesive - double sided tape is mounted on the back NM No Mounts - installer can use own adhesive	XXX Length in 1 in. increments - The fixtures come in segments up to 96 in. - Fixtures up to 96 in. will be assembled at the factory - If over 96 in., multiple segments of the profile will be supplied. The light engine will be cut to length with desired lead length(s) that can be easily installed in the field	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	XXX 1-120 in.	XXX 1-120 in.
	O Outdoor	Outdoor White Light L1 - 143 lm/ft* (2.0W) L2 - 218 lm/ft* (3.1W) L3 - 305 lm/ft* (4.3W) RGBW+ RGB1 - 155 lm/ft (5.0W) RGB2 - 232 lm/ft (7.7W) RGB3 - 283 lm/ft (10.2W) <i>*This is for a 3000K tape light</i>	Outdoor White Light 2700K 3000K 4000K RGBW+ 3000K							

Fixtures are supplied with Optique's remote Universal power supply supporting 0-10, 1-10V, MLV, ELV dimming and voltage input from 100V-277V. Includes integrated junction box.

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 Output

Indoor

White Light

L-Level		L0.5	L1	L2	L3	L5	L6	L7	L9	L10
Lumens (per ft)	2200K	72	154	215	324	514	593	738	915	1119
	2400K	73	154	239	329	487	603	755	935	1127
	2700K	87	164	286	389	578	700	876	1069	1313
	3000K	84	179	277	375	565	736	927	1142	1410
	3500K	89	185	295	400	601	701	877	1098	1315
	4000K	90	188	297	373	597	750	940	1175	1438
	5000K	93	191	300	407	610	762	948	1179	1404
Wattage* (per ft.)		1.0	2.0	3.1	4.3	6.6	7.6	9.6	12.0	15.2
Max Run Length** (ft.)		68	42	30	22	14	12	10	8	6
Closet Rated		✓	✓	✓	✓	✓	✓	-	-	-

RGBW+

Output (lm/ft)		RGB2	RGB3	RGB4
Lumens (per ft)	3000K	202	284	362
Wattage* (per ft.)		5.0	7.7	10.2
Max Run Length** (ft.)		19	12	9

Tunable

Output (lm/ft)		L2	L3
Lumens (per ft.)	30-18K	223	381
Wattage* (per ft.)		3.4	6.0
Max Run Length** (ft.)		20	12
Closet Rated		✓	✓

*Power consumption based on average wattage per foot.

**Maximum run length per power feed.

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Output

Outdoor

White Light

Output (lm/ft)	L1	L2	L3
2700K	133	204	278
3000K	143	218	305
4000K	155	241	321
Wattage* (per ft.)	2.0	3.1	4.3
Max Run Length** (ft.)	40	30	22

RGBW+

Output (lm/ft)	RGB1	RGB2	RGB3
Lumens (per ft) 3000K	155	232	283
Wattage* (per ft.)	5.0	7.7	10.2
Max Run Length** (ft.)	19	12	9

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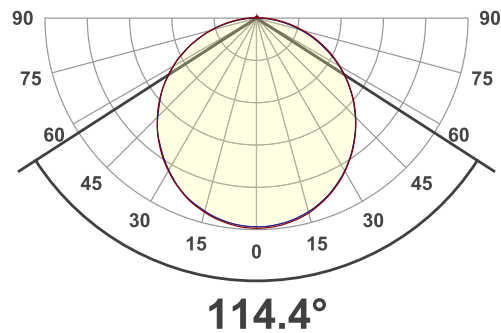
◆ Photometry

1 ft., 3000K Rettangolo I Nano Linear Fixture

LUMEN SUMMARY

Zone	Lumens	% Fixture
0° - 15°	64.7 lm	6.98%
0° - 30°	239 lm	25.78%
0° - 45°	472 lm	50.92%
0° - 60°	698 lm	75.30%
0° - 75°	858 lm	92.56%
0° - 90°	917 lm	98.92%

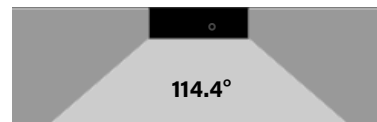
ANGULAR DISTRIBUTION 0 - 90°



FOOT CANDLES

Distance	Foot Candles
1'	309 fcd
1.5'	137 fcd
2'	77 fcd
2.5'	49 fcd
3'	34 fcd
4'	19 fcd
5'	12 fcd
6'	9 fcd
9'	4 fcd
12'	2 fcd

BEAM ANGLE



COLOR VECTOR GRAPHIC

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

