

## Rettangolo III Nano Linear Fixture

### Specification Submittal

Rettangolo III is a versatile Nano Linear Fixture that combines premium quality with a clean, minimalist look. Illuminate custom residential or commercial spaces with seamless integration into distinctive architecture.

Project Name:

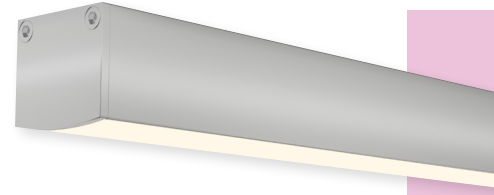
Project Location:

Fixture Type:

SKUs:



Applies to indoor light engines only

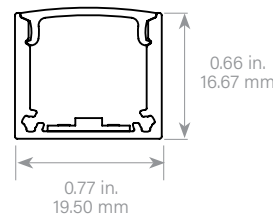


### Features & Benefits

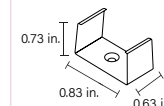
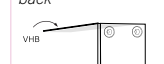
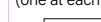
- Continuous lengths up to 8 ft. and longer lengths available using multiple segments
- Lead wire grommets eliminate light leaks
- Countersunk hex hardware for a clean look
- Special order RAL colors available
- High R9 and R13 values
- 2-step MacAdam ellipse for unparalleled quality and consistency
- 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-RET3- | I        | <b>Indoor</b><br><i>White Light</i><br><b>L0.5</b> - 67 lm/ft* (1.0W)<br><b>L1</b> - 140 lm/ft* (2.0W)<br><b>L2</b> - 221 lm/ft* (3.1W)<br><b>L3</b> - 303 lm/ft* (4.3W)<br><b>L4</b> - 454 lm/ft* (6.6W)<br><b>L5</b> - 525 lm/ft* (7.6W)<br><b>L6</b> - 655 lm/ft* (9.6W)<br><b>L7</b> - 813 lm/ft* (12.0W)<br><b>L9</b> - 976 lm/ft* (15.2W)<br><br><i>RGBW+</i><br><b>RGBW2</b> - 153 lm/ft (5.0W)<br><b>RGBW3</b> - 221 lm/ft (7.7W)<br><b>RGBW4</b> - 277 lm/ft (10.2W)<br><br><i>Tunable</i><br><b>L2</b> - 171 lm/ft (3.4W)<br><b>L3</b> - 298 lm/ft (6.0W)<br><br><i>* This is for a 3500K tape light</i> | <b>Indoor</b><br><i>White Light</i><br><b>2200K</b><br><b>2400K</b><br><b>2700K</b> - Quick Ship<br><b>3000K</b> - Quick Ship<br><b>3500K</b> - Quick Ship<br><b>4000K</b><br><b>5000K</b><br><br><i>RGBW+</i><br><b>3000K</b><br><br><i>Tunable</i><br><b>30-18K</b> | <b>FRT</b> | <br><b>ALU</b> - Quick Ship<br>Anodized Aluminum<br><br><br><b>GLW</b> - Quick Ship<br>Powder Coated Gloss White<br><br><br><b>ABL</b> - Quick Ship<br>Anodized Matte Black<br><br><br><b>RALXXXX</b><br>Specify Color | <b>MC</b><br>Mounting Clip<br><br>0.73 in.<br>0.83 in.<br>0.63 in.<br><br><b>VHB</b><br>3M VHB Adhesive<br>- double sided tape is mounted on the back<br><br>VHB<br><br><b>NM</b><br>No Mounts - installer can use own adhesive | <b>XXX</b><br>Length in 1 in. increments<br>- The fixtures come in segments up to 96 in.<br>- Fixtures up to 96 in. will be assembled at the factory<br>- 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 | <b>1LEAD</b><br>One lead<br><br><br><b>2LEAD</b><br>Two leads (one at each end)<br><br>- 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 | <b>XXX</b><br>1-120 in. | <b>XXX</b><br>1-120 in. |

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.

Quick Ship= Shipped within 10 business days

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### Output

Indoor

White Light

| L-Level                |       | L0.5 | L1  | L2  | L3  | L4  | L5  | L6  | L7   | L9   |
|------------------------|-------|------|-----|-----|-----|-----|-----|-----|------|------|
| Lumens<br>(per ft)     | 2200K | 54   | 116 | 163 | 244 | 385 | 445 | 559 | 689  | 836  |
|                        | 2400K | 55   | 115 | 179 | 245 | 366 | 430 | 568 | 710  | 859  |
|                        | 2700K | 65   | 123 | 214 | 291 | 434 | 517 | 653 | 806  | 972  |
|                        | 3000K | 63   | 134 | 209 | 282 | 420 | 548 | 694 | 862  | 1039 |
|                        | 3500K | 67   | 140 | 221 | 303 | 454 | 525 | 655 | 813  | 976  |
|                        | 4000K | 67   | 141 | 222 | 285 | 452 | 559 | 701 | 870  | 1073 |
|                        | 5000K | 69   | 144 | 223 | 305 | 455 | 567 | 709 | 877  | 1088 |
| 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 | 153  | 221  | 277  |
| Wattage* (per ft.)     |       | 5    | 7.7  | 10.2 |
| Max Run Length** (ft.) |       | 19   | 12   | 9    |

Tunable

| Output (lm/ft)         |        | L2  | L3  |
|------------------------|--------|-----|-----|
| Lumens (per ft.)       | 30-18K | 171 | 298 |
| Wattage* (per ft.)     |        | 3.4 | 6   |
| 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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### Photometry

1 ft., 3000K Rettangolo III Nano Linear Fixture

#### LUMEN SUMMARY

| Zone     | Lumens  | % Fixture |
|----------|---------|-----------|
| 0° - 15° | 51.7 lm | 7.45%     |
| 0° - 30° | 190 lm  | 27.38%    |
| 0° - 45° | 371 lm  | 53.46%    |
| 0° - 60° | 543 lm  | 78.24%    |
| 0° - 75° | 656 lm  | 94.52%    |
| 0° - 90° | 690 lm  | 99.42%    |

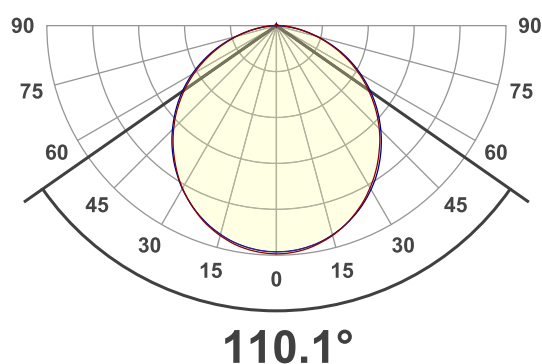
#### FOOT CANDLES

| Distance | Foot Candles |
|----------|--------------|
| 1'       | 247 fcd      |
| 1.5'     | 110 fcd      |
| 2'       | 62 fcd       |
| 2.5'     | 40 fcd       |
| 3'       | 27 fcd       |
| 4'       | 15 fcd       |
| 5'       | 10 fcd       |
| 6'       | 7 fcd        |
| 9'       | 3 fcd        |
| 12'      | 2 fcd        |

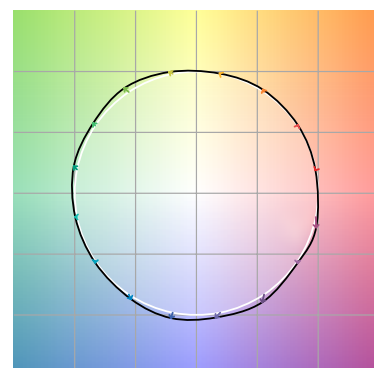
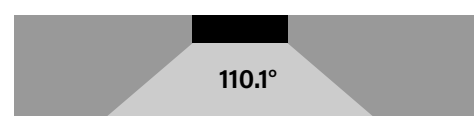
#### COLOR VECTOR GRAPHIC

| Hue Bin | $R_f$ | Graphic shifts (%) |     |
|---------|-------|--------------------|-----|
|         |       | Chroma             | Hue |
| 1       | 96    | 0%                 | -1% |
| 2       | 97    | 0%                 | 0%  |
| 3       | 95    | 1%                 | 2%  |
| 4       | 96    | 0%                 | 1%  |
| 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%                 | -4% |
| 14      | 92    | 4%                 | -5% |
| 15      | 95    | 1%                 | -2% |
| 16      | 89    | 2%                 | -8% |

#### ANGULAR DISTRIBUTION 0 - 90°



#### BEAM ANGLE



Reference Test