

Trapezio Nano Linear Fixture

Specification Submittal

Trapezio is a low-profile Nano Linear fixture that features a patented design that provides a minimalist look with thoughtfully designed hidden hardware. This fixture is perfect for use in both residential and commercial lighting settings.

Project Name:

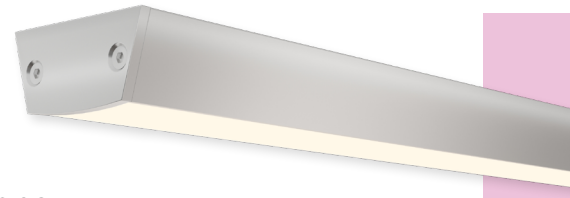
Project Location:

Fixture Type:

SKUs:



Applies to indoor light engines only

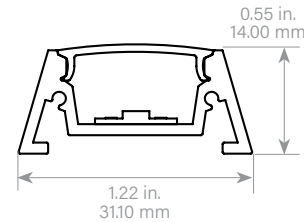


Features & Benefits

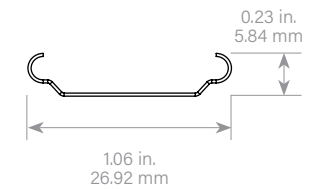
- Continuous lengths up to 8 ft. and longer lengths available using multiple segments
- Lead wire grommets eliminate light leaks
- Countersunk hex hardware for a clean look
- Special order RAL colors available
- Hidden mounting hardware
- High R9 and R13 values
- 2-step MacAdam ellipse for unparalleled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

Dimensions Actual size shown.

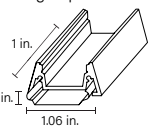


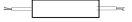
Fixture Cross Section



Mounting Hardware




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-TRAP- | | | | FRT | | | | | | |
| | I Indoor | Indoor <i>White Light</i> L0.5 - 91 lm/ft* (1.0W) L1 - 189 lm/ft* (2.0W) L2 - 295 lm/ft* (3.1W) L3 - 400 lm/ft* (4.3W) L5 - 596 lm/ft* (6.6W) L6 - 697 lm/ft* (7.6W) L7 - 860 lm/ft* (9.6W) L9 - 1083 lm/ft* (12.0W) L10 - 1294 lm/ft* (15.2W) | Indoor <i>White Light</i> 2200K 2400K 2700K 3000K 3500K 4000K 5000K | | ALU Anodized Aluminum | MC Mounting Clip  | XXX Length in 1 in. increments <i>- The fixtures come in segments up to 96 in.</i> <i>- Fixtures up to 96 in. will be assembled at the factory</i> | 1LEAD One lead  | XXX 1-120 in. | XXX 1-120 in. |
| | O Outdoor | <i>RGBW+</i> RGBW2 - 198 lm/ft (5.0W) RGBW3 - 281 lm/ft (7.7W) RGBW4 - 355 lm/ft (10.2W) <i>Tunable</i> L2 - 223 lm/ft (3.4W) L3 - 384 lm/ft (6.0W) <i>* This is for a 3500K tape light</i> | <i>RGBW+</i> 3000K <i>Tunable</i> 30-18K | | GLW Powder Coated Gloss White ABL Anodized Matte Black RALXXXX Specify Color | VHB 3M VHB Adhesive <i>- double sided tape is mounted on the back</i>  NM No Mounts - <i>installer can use own adhesive</i> | <i>- 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</i> | 2LEAD Two leads (one at each end)  <i>- 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</i> | | |
| | | Outdoor <i>White Light</i> L1 - 140 lm/ft* (2.0W) L2 - 215 lm/ft* (3.1W) L3 - 298 lm/ft* (4.3W) <i>RGBW+</i> RGB1 - 156 lm/ft (5.0W) RGB2 - 233 lm/ft (7.7W) RGB3 - 283 lm/ft (10.2W) <i>* This is for a 3000K tape light</i> | Outdoor <i>White Light</i> 2700K 3000K 4000K <i>RGBW+</i> 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 | 74 | 156 | 220 | 324 | 514 | 598 | 737 | 901 | 1098 |
| | 2400K | 75 | 156 | 244 | 328 | 487 | 609 | 739 | 922 | 1114 |
| | 2700K | 89 | 166 | 289 | 392 | 581 | 700 | 852 | 1064 | 1306 |
| | 3000K | 87 | 181 | 277 | 379 | 561 | 737 | 905 | 1106 | 1397 |
| | 3500K | 91 | 189 | 295 | 400 | 596 | 697 | 860 | 1083 | 1294 |
| | 4000K | 92 | 192 | 298 | 374 | 601 | 748 | 923 | 1157 | 1429 |
| | 5000K | 95 | 196 | 298 | 409 | 615 | 755 | 938 | 1164 | 1409 |
| 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 | 198 | 281 | 355 |
| 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 | 384 |
| 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.

Trapezio

Nano Linear Fixture

Specification Submittal

Output

Outdoor

White Light

| Output (lm/ft) | L1 | L2 | L3 |
|-------------------------------|-----|-----|-----|
| 2700K | 130 | 202 | 273 |
| 3000K | 140 | 215 | 233 |
| 4000K | 153 | 222 | 283 |
| Wattage* (per ft.) | 2.0 | 3.1 | 4.3 |
| Max Run Length** (ft.) | 42 | 30 | 22 |

RGBW+

| Output (lm/ft) | RGB1 | RGB2 | RGB3 |
|-------------------------------------|------|------|------|
| Lumens (per ft) 3000K | 198 | 281 | 355 |
| Wattage* (per ft.) | 5.0 | 7.7 | 10.2 |
| Max Run Length** (ft.) | 19 | 12 | 9 |

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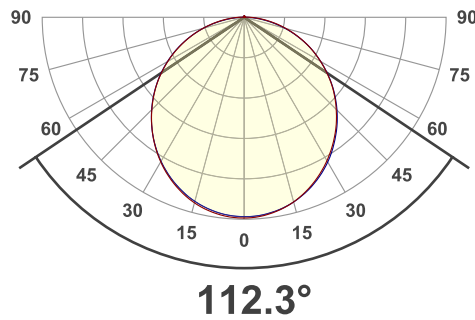
◆ Photometry

1 ft., 3000K Trapezio Nano Linear Fixture

LUMEN SUMMARY

| Zone | Lumens | % Fixture |
|----------|---------|-----------|
| 0° - 15° | 64.9 lm | 7.17% |
| 0° - 30° | 239 lm | 26.41% |
| 0° - 45° | 468 lm | 51.71% |
| 0° - 60° | 689 lm | 76.13% |
| 0° - 75° | 843 lm | 93.15% |
| 0° - 90° | 897 lm | 99.12% |

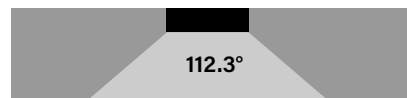
ANGULAR DISTRIBUTION 0 - 90°



FOOT CANDLES

| Distance | Foot Candles |
|----------|--------------|
| 1' | 310 fcd |
| 1.5' | 138 fcd |
| 2' | 78 fcd |
| 2.5' | 50 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% | -1% |
| 2 | 98 | 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% | -1% |
| 10 | 97 | 1% | 1% |
| 11 | 94 | 2% | 4% |
| 12 | 91 | 4% | 0% |
| 13 | 93 | 3% | -4% |
| 14 | 92 | 4% | -5% |
| 15 | 95 | 1% | -1% |
| 16 | 89 | 2% | -8% |

