

OPTIQUE

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# Velino.0 T-Grid Clip-On

Lay-In or Tegular 15/16" T-Grid Clip-On - Dark Optics - Surface-Mount



## Velino.0 T-Grid Clip-On

*Lay-In or Tegular 15/16" T-Grid Clip-On -  
Dark Optics - Surface-Mount*

### Specification Submittal

A discreet surface-mount linear luminaire precision-engineered for seamless integration into standard 15/16" Lay-In or Tegular T-Grid ceilings. Featuring dark optics and refined finishes, it delivers controlled, glare-free illumination while aligning perfectly with the T-Grid beam to preserve a clean, modern ceiling aesthetic.

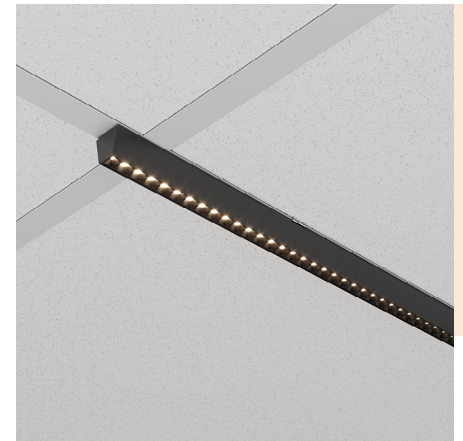


Project Name:

Project Location:

Fixture Type:

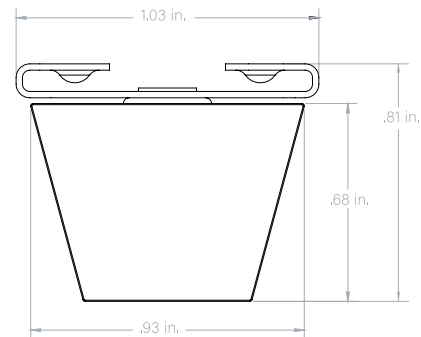
SKUs:



### ⚙️ Features & Benefits

- Clip-on system for standard 15/16" Lay-In or Tegular T-Grid ceilings for a clean, tool-free integration
- Tapered profile matches the width of the 15/16" T-Grid while delivering a compact beam for precise illumination
- Dark Optics deliver clean, glare-free light even at high output
- Dark Optics hide the light source, providing a natural, unobtrusive ambience
- Available in 4 ft. and 8 ft. lengths, or custom sizes up to 100 in. for continuous runs
- Available in anodized aluminum, matte black, gloss white, or special order RAL colors
- 24V DC operation; compatible with Triac, ELV, 0-10V, DMX, Casambi, and Silvar controls
- Factory-assembled up to 100 in. for faster installation and cost-efficient shipping
- Superior color rendering
- High R9 and R13 values
- Complete UL Listed Luminaire

### 📏 Fixture Dimensions



**Fixture Cross Section**







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Specification Submittal

### i Luminaire System Builder

| Prefix    | Location | Mount   | Optics  | Output  | CCT  | Finish  | Length   | Leads  | Lead Length 1                   | Lead Length 2                   |
|-----------|----------|---------|---|---|--|---|--|--|---------------------------------|---------------------------------|
| OP-SFU-V0 | I        | TGL1516 | <p><i>Dark Optics</i></p> <p><b>DN</b><br/>Dark Optic Narrow - (~30° medium beam)</p> <p><b>DW</b><br/>Dark Optic Wide - (~60° wide beam)</p> | <p><i>White Light</i></p> <p><b>L7</b><br/>700± lm/ft (4W)</p> <p><b>L10</b><br/>1000± lm/ft (6W)</p> | <p><i>White Light</i></p> <p><b>2700K</b><br/><b>3000K</b><br/><b>3500K</b><br/><b>4000K</b></p> | <p> <b>ALU</b> - Quick Ship<br/>Anodized Aluminum</p> <p> <b>GLW</b> - Quick Ship<br/>Powder Coated Gloss White</p> <p> <b>ABL</b> - Quick Ship<br/>Anodized Matte Black</p> <p> <b>RALXXXX</b><br/>Specify Color</p> | <p><b>XXX</b><br/>Length in 1 in. increments</p> | <p><b>1LEAD</b><br/>One lead</p> <p></p> <p><b>2LEAD</b><br/>Two leads</p> <p></p> | <p><b>XXX</b><br/>1-120 in.</p> | <p><b>XXX</b><br/>1-120 in.</p> |

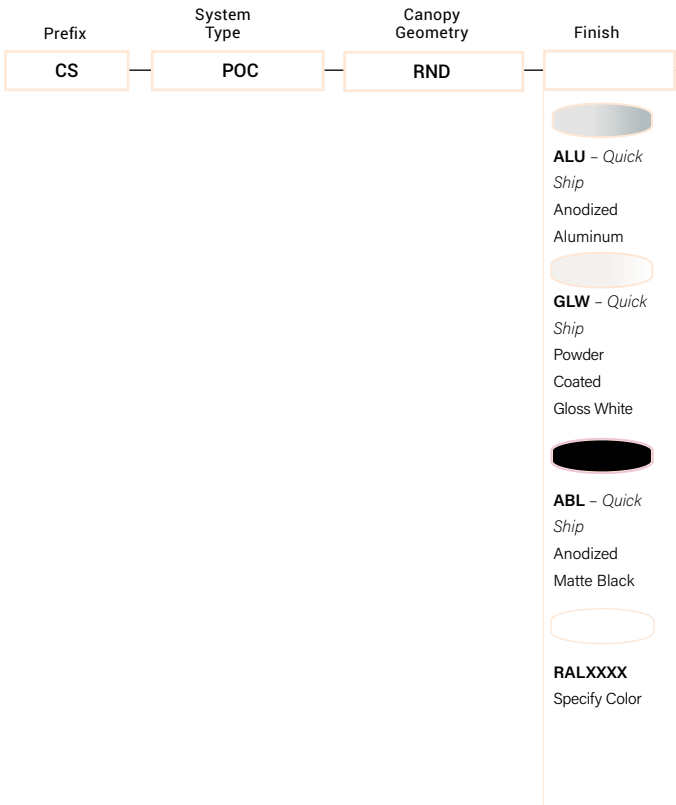
*Fixtures are supplied with Optique's remote Universal power supply supporting 0-10, 1-10V, MLV, ELV dimming and voltage input from 100V-277V.*

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Specification Submittal

**i** Canopy System Builder (Optional)



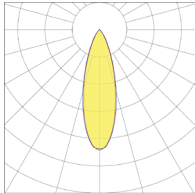
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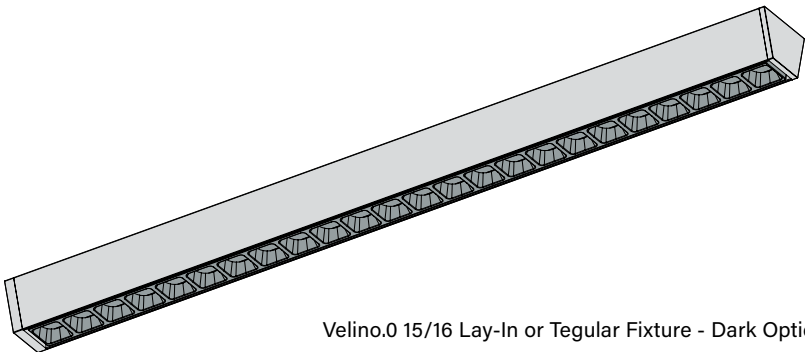
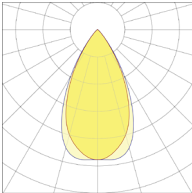
Specification Submittal

## Dark Optics Options

**DN**  
Dark Optic "Narrow"- (30° medium beam)



**DW**  
Dark Optic "Wide" - (60° wide beam)



Velino.0 15/16 Lay-In or Tegular Fixture - Dark Optics

## Velino.0 T-Grid Clip-On

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Specification Submittal

### Output, DN & DW

Indoor, Dark Optic "Narrow"- (30° medium beam)

| Output (lm/ft)      |       | L7     | L10    |
|---------------------|-------|--------|--------|
| Lumens<br>(per ft.) | 2700K | 437.27 | 615.13 |
|                     | 3000K | 471.27 | 671.00 |
|                     | 3500K | 517.20 | 740.11 |
|                     | 4000K | 536.80 | 754.01 |
| Wattage (per ft.)   |       | 4.36   | 6.52   |

Indoor, Dark Optic "Wide" - (60° wide beam)

| Output (lm/ft)      |       | L7     | L10    |
|---------------------|-------|--------|--------|
| Lumens<br>(per ft.) | 2700K | 474.80 | 667.93 |
|                     | 3000K | 511.73 | 728.60 |
|                     | 3500K | 561.60 | 803.64 |
|                     | 4000K | 582.88 | 818.73 |
| Wattage (per ft.)   |       | 4.36   | 6.52   |

# Velino.0 T-Grid Clip-On

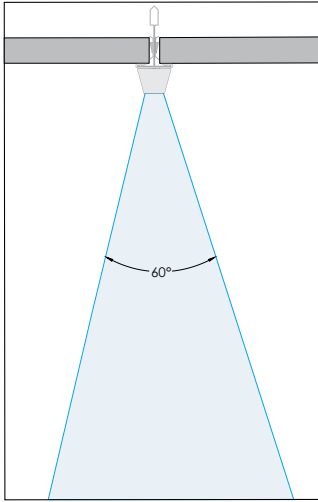
Lay-In or Tegular 15/16" T-Grid Clip-On - Dark Optics - Surface-Mount

Specification Submittal

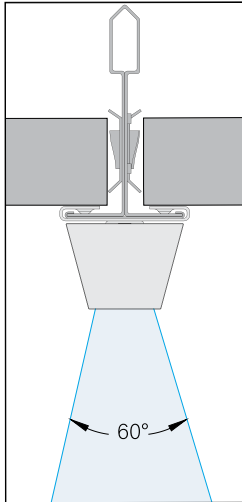
◆ Photometry

LIGHT DISTRIBUTION

Velino.0 Lay-In 15/16" T-Grid Clip-On - Surface Mount

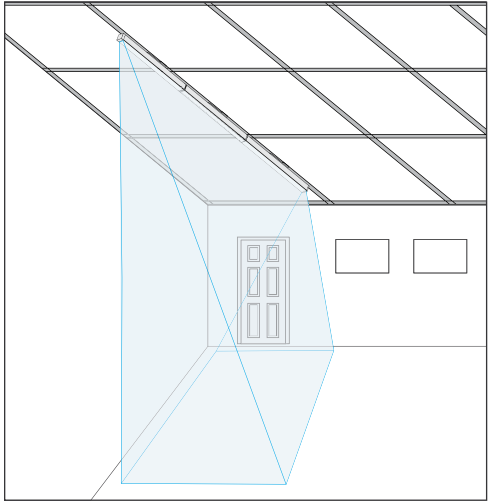


Side view



LIGHT DISTRIBUTION

Velino.0 Lay-In 15/16" T-Grid Clip-On - Surface Mount



Light spread representation

## Velino.0 T-Grid Clip-On

Lay-In or Tegular 15/16" T-Grid Clip-On - Dark Optics - Surface-Mount

Specification Submittal

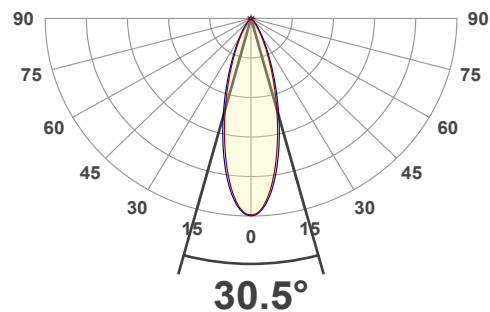
### ◆ Photometry

DN = Dark Optic "Narrow"- (30° medium beam), L10 - 3500K

#### LUMEN SUMMARY

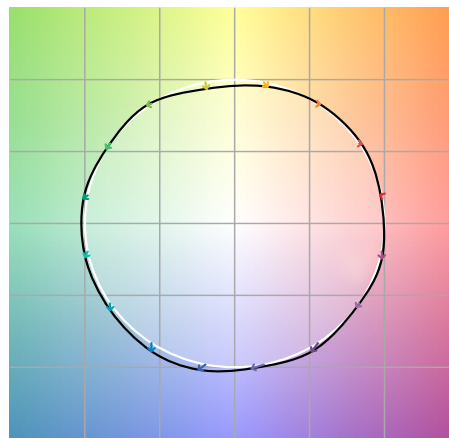
| Zone      | Lumens   | % Fixture |
|-----------|----------|-----------|
| 75° - 90° | 0.321 lm | 0.04%     |
| 60° - 75° | 1.91 lm  | 0.27%     |
| 45° - 60° | 12.4 lm  | 1.73%     |
| 30° - 45° | 95.2 lm  | 13.26%    |
| 15° - 30° | 305 lm   | 42.48%    |
| 0° - 15°  | 299 lm   | 41.64%    |

#### ANGULAR DISTRIBUTION



#### COLOR VECTOR GRAPHIC

| Hue Bin | $R_f$ | Graphic shifts (%) |     |
|---------|-------|--------------------|-----|
|         |       | Chroma             | Hue |
| 1       | 95    | -1%                | 1%  |
| 2       | 96    | 1%                 | -1% |
| 3       | 94    | 1%                 | -1% |
| 4       | 94    | -2%                | -3% |
| 5       | 93    | -5%                | 0%  |
| 6       | 95    | 1%                 | 3%  |
| 7       | 93    | 0%                 | 4%  |
| 8       | 93    | 2%                 | 3%  |
| 9       | 94    | 2%                 | 3%  |
| 10      | 93    | 3%                 | 4%  |
| 11      | 92    | 5%                 | 3%  |
| 12      | 88    | 4%                 | -4% |
| 13      | 89    | 1%                 | -8% |
| 14      | 90    | 3%                 | -7% |
| 15      | 90    | 0%                 | -3% |
| 16      | 90    | 1%                 | -5% |



Reference Test

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Specification Submittal

### ✦ Photometry

DN = Dark Optic "Narrow"- (30° medium beam), L10 - 3500K

UGR

### Light Planning – UGR table

*Uncorrected, comprehensive UGR table according to 117-1995*

| Reflectances   |           |  |      |     |      |      |
|--|-----------|--|------|-----|------|------|
|  | ρ Ceiling | 70   | 70   | 50  | 50   | 30   |
|  | ρ Walls   | 50   | 30   | 50  | 30   | 30   |
|  | ρ Floor   | 20   | 20   | 20  | 20   | 20   |
| Room size  |           | Viewed Crosswise                                   |      |     |      |      |
| H = mounting height above eye level                                  |           | (Viewing direction orthogonal to lamp length axis) |      |     |      |      |
| X  | Y         |  |      |     |      |      |
| 2H   | 2H        | 9.5  | 10.0 | 9.6 | 10.2 | 10.4 |
|  | 3H        | 9.2  | 9.8  | 9.5 | 10.0 | 10.2 |
|  | 4H        | 9.1  | 9.7  | 9.5 | 10.0 | 10.2 |
|  | 6H        | 9.1  | 9.6  | 9.4 | 9.9  | 10.3 |
|  | 8H        | 9.0  | 9.5  | 9.3 | 9.9  | 10.3 |
|  | 12H       | 9.0  | 9.5  | 9.3 | 9.8  | 10.2 |
| 4H   | 2H        | 9.1  | 9.7  | 9.5 | 10.0 | 10.2 |
|  | 3H        | 9.0  | 9.5  | 9.3 | 9.8  | 10.3 |
|  | 4H        | 8.8  | 9.3  | 9.3 | 9.7  | 10.2 |
|  | 6H        | 8.8  | 9.3  | 9.3 | 9.6  | 10.0 |
|  | 8H        | 8.7  | 9.2  | 9.2 | 9.5  | 9.9  |
|  | 12H       | 8.6  | 9.0  | 9.1 | 9.4  | 9.9  |
| 8H   | 4H        | 8.7  | 9.2  | 9.2 | 9.5  | 9.9  |
|  | 6H        | 8.6  | 8.9  | 9.1 | 9.4  | 9.9  |
|  | 8H        | 8.6  | 8.9  | 9.1 | 9.4  | 10.0 |
|  | 12H       | 8.6  | 8.8  | 9.2 | 9.3  | 9.9  |
| 12H  | 4H        | 8.6  | 9.0  | 9.1 | 9.4  | 9.9  |
|  | 6H        | 8.6  | 8.9  | 9.1 | 9.4  | 10.0 |
|  | 8H        | 8.6  | 8.8  | 9.2 | 9.3  | 9.9  |
| Variations with the observer position for the luminaire spacings, S: |           |  |      |     |      |      |
| S = 1.0H   |           | 4.7 / -10.8  |      |     |      |      |
| S = 1.5H   |           | 7.2 / -14.4  |      |     |      |      |
| S = 2.0H   |           | 9.1 / -18.9  |      |     |      |      |

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Specification Submittal

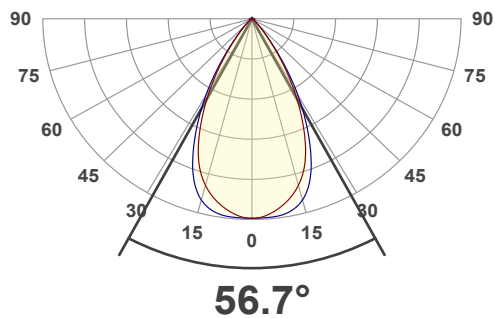
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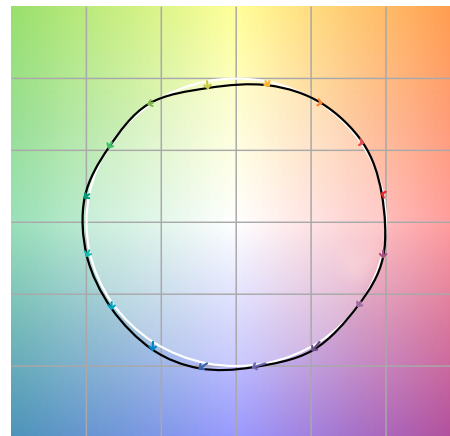
| Zone      | Lumens   | % Fixture |
|-----------|----------|-----------|
| 75° - 90° | 0.265 lm | 0.03%     |
| 60° - 75° | 1.40 lm  | 0.18%     |
| 45° - 60° | 20.8 lm  | 2.63%     |
| 30° - 45° | 178 lm   | 22.53%    |
| 15° - 30° | 395 lm   | 50.00%    |
| 0° - 15°  | 190 lm   | 24.05%    |

#### ANGULAR DISTRIBUTION



#### COLOR VECTOR GRAPHIC

| Hue Bin | $R_f$ | Graphic shifts (%) |     |
|---------|-------|--------------------|-----|
|         |       | Chroma             | Hue |
| 1       | 95    | -1%                | 0%  |
| 2       | 96    | 1%                 | -1% |
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| 11      | 92    | 5%                 | 3%  |
| 12      | 88    | 4%                 | -4% |
| 13      | 89    | 1%                 | -9% |
| 14      | 90    | 2%                 | -7% |
| 15      | 90    | 0%                 | -3% |
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Reference Test

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### ◆ Photometry

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### Light Planning – UGR table

*Uncorrected, comprehensive UGR table according to 117-1995*

| Reflectances   |           |  |      |      |      |      |
|--|-----------|--|------|------|------|------|
|  | ρ Ceiling | 70   | 70   | 50   | 50   | 30   |
|  | ρ Walls   | 50   | 30   | 50   | 30   | 30   |
|  | ρ Floor   | 20   | 20   | 20   | 20   | 20   |
| Room size  |           | Viewed Crosswise                                   |      |      |      |      |
| H = mounting height above eye level                                  |           | (Viewing direction orthogonal to lamp length axis) |      |      |      |      |
| X  | Y         |  |      |      |      |      |
| 2H   | 2H        | 13.6   | 14.2 | 13.7 | 14.5 | 14.7 |
|  | 3H        | 13.3   | 14.1 | 13.7 | 14.3 | 14.5 |
|  | 4H        | 13.2   | 14.0 | 13.6 | 14.2 | 14.4 |
|  | 6H        | 13.2   | 13.8 | 13.5 | 14.1 | 14.5 |
|  | 8H        | 13.2   | 13.8 | 13.5 | 14.1 | 14.5 |
|  | 12H       | 13.1   | 13.7 | 13.5 | 14.0 | 14.5 |
| 4H   | 2H        | 13.2   | 14.0 | 13.6 | 14.2 | 14.4 |
|  | 3H        | 13.1   | 13.7 | 13.5 | 14.0 | 14.5 |
|  | 4H        | 13.0   | 13.5 | 13.4 | 13.9 | 14.5 |
|  | 6H        | 12.9   | 13.5 | 13.4 | 13.8 | 14.1 |
|  | 8H        | 12.8   | 13.3 | 13.4 | 13.7 | 14.1 |
|  | 12H       | 12.8   | 13.2 | 13.3 | 13.6 | 14.1 |
| 8H   | 4H        | 12.8   | 13.3 | 13.4 | 13.7 | 14.1 |
|  | 6H        | 12.8   | 13.1 | 13.3 | 13.6 | 14.1 |
|  | 8H        | 12.8   | 13.0 | 13.3 | 13.6 | 14.2 |
|  | 12H       | 12.7   | 12.9 | 13.3 | 13.4 | 14.1 |
| 12H  | 4H        | 12.8   | 13.2 | 13.3 | 13.6 | 14.1 |
|  | 6H        | 12.8   | 13.0 | 13.3 | 13.6 | 14.2 |
|  | 8H        | 12.7   | 12.9 | 13.3 | 13.4 | 14.1 |
| Variations with the observer position for the luminaire spacings, S: |           |  |      |      |      |      |
| S = 1.0H   |           | 4.9 / -13.0  |      |      |      |      |
| S = 1.5H   |           | 7.5 / -21.5  |      |      |      |      |
| S = 2.0H   |           | 9.5 / -24.6  |      |      |      |      |