

OPTIQUE

Velino.0 T-Grid Clip-On

Lay-In 9/16" T-Grid Clip-On - Linear Optics - Surface-Mount



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Specification Submittal

A discreet surface-mount linear luminaire precision-engineered for seamless integration into standard 9/16" Lay-In T-Grid ceilings. With multiple optical options and refined finishes, it delivers controlled, uniform illumination while aligning perfectly with the T-Grid beam to maintain a clean, cohesive ceiling aesthetic.



Project Name:

Project Location:

Fixture Type:

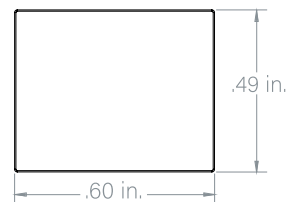
SKUs:



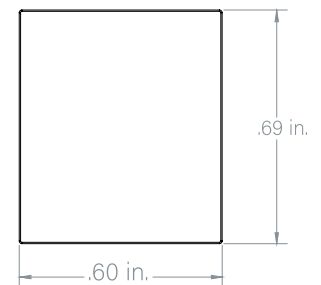
Features & Benefits

- Clip-on system for standard 9/16" Lay-In T-Grid ceilings for a clean, tool-free integration
- Linear optic and diffuser options for precise, comfortable illumination, and glare control
- Available in 4 ft. and 8 ft. lengths, or custom sizes up to 100 in. for continuous runs
- Compatible with static white, RGBW+, and tunable white light engines
- 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
for Flush Optics

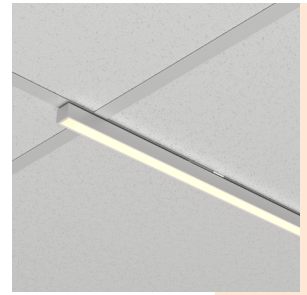


Fixture Cross Section
for Recessed Optics







Velino.0 T-Grid Clip-On

Lay-In 9/16" T-Grid Clip-On - Linear Optics -
Surface-Mount

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 | TGL916 | Linear Lighting | White Light | White Light |  | XXX Length in 1 in. increments | 1LEAD One lead  | XXX 1-120 in. | XXX 1-120 in. |
| | | | LDD † Polycarbonate Diffuser (Surround) - Flush | L1 100± lm/ft (1.0W) L2 200± lm/ft (2.0W) L3 300± lm/ft (3.1W) | 2200K 2400K 2700K 3000K 3500K 4000K 5000K | ALU - Quick Ship Anodized Aluminum | - The fixtures come in segments up to 100 in. | 2LEAD Two leads  | | |
| | | | LDF Polycarbonate Diffuser (Lambertian) - Flush | L4 400± lm/ft (4.3W) L6 600± lm/ft (6.6W) L8 800± lm/ft (7.6W) | <i>RGBW+</i> 3000K <i>Tunable</i> 30-18K 40-18K |  GLW - Quick Ship Powder Coated Gloss White | | | | |
| | | | LDR * Polycarbonate Diffuser (Lambertian) - Recessed | L10 1000± lm/ft (9.6W) L12 1250± lm/ft (12.0W) L15 1500± lm/ft (15.2W) | <i>RGBW</i> 3000K <i>RGBTW</i> 27-65K |  ABL - Quick Ship Anodized Matte Black | | | | |
| | | | LMF Linear Optic Medium - (~40° + 85° wide beam) - Flush | L12 1250± lm/ft (12.0W) L15 1500± lm/ft (15.2W) | <i>RGBW</i> 3000K <i>RGBTW</i> 27-65K |  RALXXXX Specify Color | | | | |
| | | | LMR * Linear Optic Medium - (~40° + 85° wide beam) - Recessed | <i>RGBW+</i> RGBW3 300± lm/ft (5.0W) RGBW4 400± lm/ft (7.7W) RGBW5 500+ lm/ft (10.2W) | <i>RGBW</i> 3000K <i>RGBTW</i> 27-65K | | | | | |
| | | | LAF Linear Optic Asymmetric - (Asymmetric beam for wall-wash and shelf lighting) - Flush | <i>Tunable</i> L2 200+ lm/ft (3.4W) L5 500+ lm/ft (6.0W) | <i>COB</i> RGBW 250+ lm/ft (4.9W) RGBTW 350+ lm/ft (5.5W) | | | | | |
| | | | See next page for details | | | | | | | |

† Surround Optics:
Flush optical element with extended side walls that sit deeper within the luminaire aperture, providing additional visual shielding while maintaining a flush appearance.

* Recessed Optics: optical element positioned deeper within the luminaire aperture using a deeper profile, providing passive glare control through geometric shielding compared to flush optics.

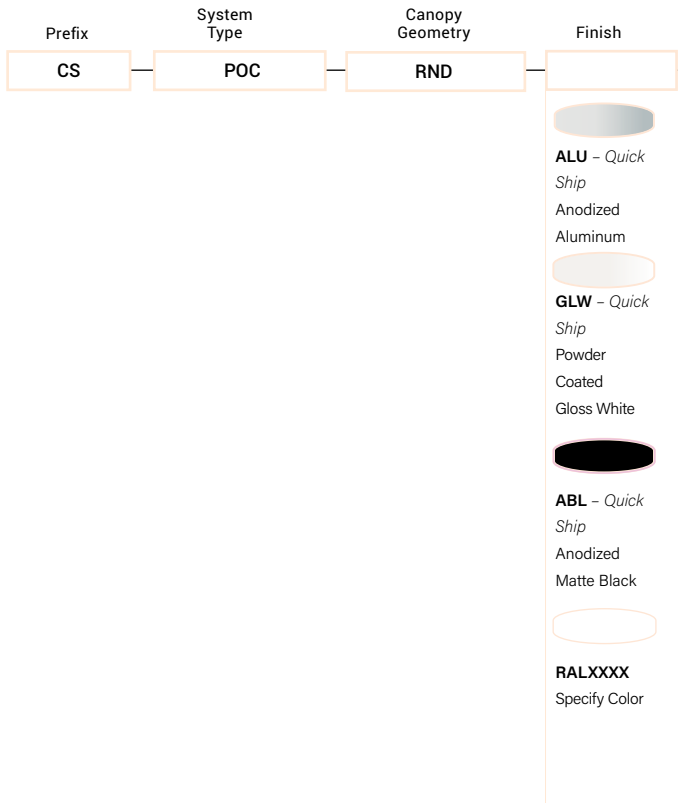
Fixtures are supplied with Optique's remote Universal power supply supporting 0-10, 1-10V, MLV, ELV dimming and voltage input from 100V-277V.

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Specification Submittal

i Canopy System Builder (Optional)



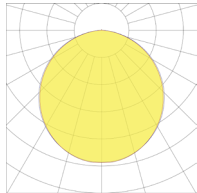
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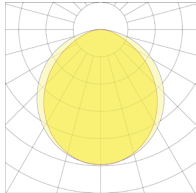
Specification Submittal

i Linear Optics Options

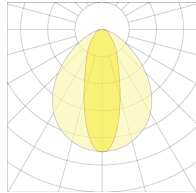
LDD
Polycarbonate Diffuser (Surround) - Flush



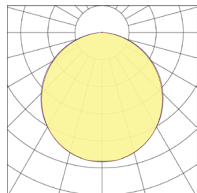
LDR
Polycarbonate Diffuser (Lambertian) - Recessed



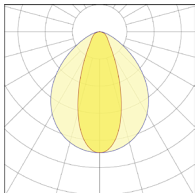
LMR
Linear Optic Medium - (-40° + 85° wide beam) - Recessed



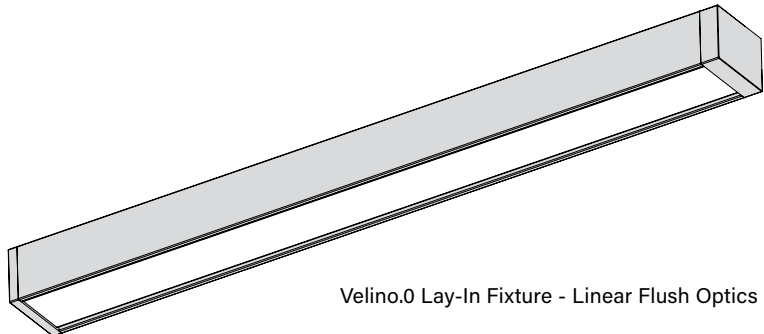
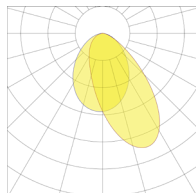
LDF
Polycarbonate Diffuser (Lambertian) - Flush



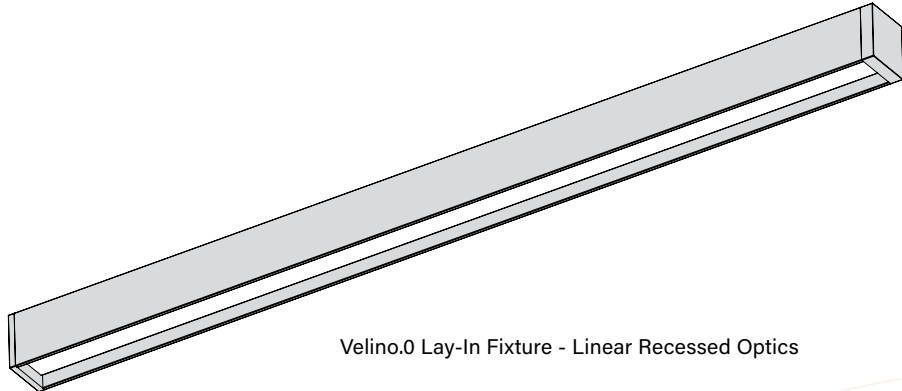
LMF
Linear Optic Medium - (-40° + 85° wide beam) - Flush



LAF
Linear Optic Asymmetric beam for wall-wash - Flush



Velino.0 Lay-In Fixture - Linear Flush Optics



Velino.0 Lay-In Fixture - Linear Recessed Optics

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Specification Submittal



LDF - Downlight Output

LDF = Polycarbonate Diffuser (Lambertian) - Flush

White Light

| L-Level | | L1 | L2 | L3 | L4 | L6 | L8 | L10 | L12 | L15 |
|-------------------|-------|-------|--------|--------|--------|--------|--------|--------|---------|---------|
| Lumens (per ft.) | 2200K | 63.05 | 133.04 | 191.04 | 283.23 | 445.07 | 523.93 | 643.04 | 793.43 | 949.08 |
| | 2400K | 64.26 | 134.31 | 208.13 | 284.37 | 422.59 | 522.85 | 640.28 | 811.06 | 976.67 |
| | 2700K | 70.66 | 160.49 | 248.24 | 333.23 | 502.40 | 611.01 | 742.16 | 803.19 | 1122.08 |
| | 3000K | 73.82 | 154.03 | 240.63 | 330.94 | 483.09 | 633.55 | 796.06 | 977.74 | 1300.14 |
| | 3500K | 78.33 | 160.89 | 251.67 | 351.73 | 518.21 | 613.29 | 710.13 | 931.52 | 1119.46 |
| | 4000K | 80.41 | 167.02 | 253.89 | 350.05 | 525.82 | 647.41 | 821.36 | 1005.67 | 1235.00 |
| | 5000K | 80.48 | 169.37 | 254.36 | 354.15 | 526.69 | 662.48 | 803.19 | 1008.30 | 1230.56 |
| Wattage (per ft.) | | 1.0 | 2.0 | 3.1 | 4.3 | 6.6 | 7.6 | 9.6 | 12 | 15.2 |

RGBW+

| Output (lm/ft) | | RGBW3 | RGBW4 | RGBW5 |
|-------------------|-------|--------|--------|--------|
| Lumens (per ft.) | 3000K | 186.34 | 265.74 | 336.00 |
| Wattage (per ft.) | | 5.0 | 7.7 | 10.2 |

Tunable

| Output (lm/ft) | | L2 | L5 |
|-------------------|-----------------|--------|--------|
| Lumens (per ft.) | 40-18K & 30-18K | 195.45 | 338.70 |
| Wattage (per ft.) | | 3.4 | 6.0 |

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Specification Submittal



LDR - Downlight Output

LDR = Polycarbonate Diffuser (Lambertian) - Recessed

White Light

| L-Level | | L1 | L2 | L3 | L4 | L6 | L8 | L10 | L12 | L15 |
|-------------------|-------|-------|--------|--------|--------|--------|--------|--------|--------|---------|
| Lumens (per ft.) | 2200K | 52.28 | 110.31 | 158.40 | 234.84 | 369.03 | 434.42 | 533.17 | 657.88 | 786.93 |
| | 2400K | 53.28 | 111.37 | 172.57 | 235.79 | 350.39 | 433.52 | 530.89 | 672.49 | 809.80 |
| | 2700K | 58.58 | 133.07 | 205.83 | 276.30 | 416.56 | 506.62 | 615.36 | 665.97 | 930.38 |
| | 3000K | 61.21 | 127.71 | 199.52 | 274.40 | 400.55 | 525.31 | 660.05 | 810.70 | 1078.01 |
| | 3500K | 64.95 | 133.41 | 208.67 | 291.64 | 429.67 | 508.51 | 588.80 | 772.37 | 928.20 |
| | 4000K | 66.67 | 138.48 | 210.51 | 290.24 | 435.98 | 536.80 | 681.03 | 833.85 | 1024.00 |
| | 5000K | 66.73 | 140.44 | 210.90 | 293.65 | 436.71 | 549.30 | 665.97 | 836.03 | 1020.32 |
| Wattage (per ft.) | | 1.0 | 2.0 | 3.1 | 4.3 | 6.6 | 7.6 | 9.6 | 12 | 15.2 |

RGBW+

| Output (lm/ft) | | RGBW3 | RGBW4 | RGBW5 |
|-------------------|-------|--------|--------|--------|
| Lumens (per ft.) | 3000K | 155.61 | 221.94 | 280.60 |
| Wattage (per ft.) | | 5.0 | 7.7 | 10.2 |

Tunable

| Output (lm/ft) | | L2 | L5 |
|-------------------|-----------------|--------|-------|
| Lumens (per ft.) | 40-18K & 30-18K | 162.44 | 281.6 |
| Wattage (per ft.) | | 3.4 | 6.0 |

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Specification Submittal



LMF - Downlight Output

LMF = Linear Optic Medium - (40 degree + 85 degree wide beam) - Flush

White Light

| L-Level | | L1 | L2 | L3 | L4 | L6 | L8 | L10 | L12 | L15 |
|-------------------|-------|--------|--------|--------|--------|--------|--------|---------|---------|---------|
| Lumens (per ft.) | 2200K | 86.05 | 181.56 | 260.73 | 386.54 | 607.41 | 715.05 | 877.60 | 1082.85 | 1295.27 |
| | 2400K | 87.70 | 183.31 | 284.05 | 388.10 | 576.74 | 713.58 | 873.83 | 1106.92 | 1332.93 |
| | 2700K | 96.43 | 219.03 | 338.79 | 454.78 | 685.66 | 833.88 | 1012.87 | 1096.17 | 1531.39 |
| | 3000K | 100.75 | 210.22 | 328.41 | 451.66 | 659.30 | 864.65 | 1086.44 | 1334.40 | 1774.39 |
| | 3500K | 106.90 | 219.58 | 343.47 | 480.03 | 707.24 | 837.01 | 969.16 | 1271.30 | 1527.81 |
| | 4000K | 109.75 | 227.94 | 346.50 | 477.74 | 717.62 | 883.57 | 1120.97 | 1372.51 | 1685.49 |
| | 5000K | 109.84 | 231.15 | 347.15 | 483.34 | 718.81 | 904.14 | 1096.17 | 1376.09 | 1679.43 |
| Wattage (per ft.) | | 1.0 | 2.0 | 3.1 | 4.3 | 6.6 | 7.6 | 9.6 | 12 | 15.2 |

RGBW

| Output (lm/ft) | | RGBW |
|-------------------|-------|-------|
| Lumens (per ft.) | 3000K | 205.2 |
| Wattage (per ft.) | | 4.9 |

RGBTW

| Output (lm/ft) | | RGBTW |
|-------------------|--------|-------|
| Lumens (per ft.) | 27-65K | 299.3 |
| Wattage (per ft.) | | 5.5 |

Tunable White

| Output (lm/ft) | | L2 | L5 |
|-------------------|-----------------|--------|--------|
| Lumens (per ft.) | 40-18K & 30-18K | 260.46 | 451.50 |
| Wattage (per ft.) | | 3.4 | 6.0 |

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Lay-In 9/16" T-Grid Clip-On - Linear Optics - Surface-Mount

Specification Submittal

LMR - Downlight Output

LMR = Linear Optic Medium - (40 degree + 85 degree wide beam) - Recessed

White Light

| L-Level | | L1 | L2 | L3 | L4 | L6 | L8 | L10 | L12 | L15 |
|-------------------|-------|-------|--------|--------|--------|--------|--------|--------|---------|---------|
| Lumens (per ft.) | 2200K | 69.59 | 146.84 | 210.86 | 312.61 | 491.24 | 578.28 | 709.74 | 875.74 | 1047.53 |
| | 2400K | 70.93 | 148.25 | 229.72 | 313.87 | 466.43 | 577.09 | 706.70 | 895.20 | 1077.99 |
| | 2700K | 77.99 | 177.14 | 273.99 | 367.80 | 554.52 | 674.39 | 819.15 | 886.51 | 1238.49 |
| | 3000K | 81.48 | 170.01 | 265.60 | 365.27 | 533.20 | 699.27 | 878.64 | 1079.17 | 1435.01 |
| | 3500K | 86.45 | 177.58 | 277.78 | 388.22 | 571.97 | 676.92 | 783.79 | 1028.15 | 1235.59 |
| | 4000K | 88.76 | 184.34 | 280.23 | 386.36 | 580.36 | 714.57 | 906.57 | 1110.00 | 1363.12 |
| | 5000K | 88.83 | 186.94 | 280.75 | 390.89 | 581.33 | 731.21 | 886.51 | 1112.89 | 1358.22 |
| Wattage (per ft.) | | 1.0 | 2.0 | 3.1 | 4.3 | 6.6 | 7.6 | 9.6 | 12 | 15.2 |

RGBW

| Output (lm/ft) | | RGBW |
|-------------------|-------|-------|
| Lumens (per ft.) | 3000K | 158.7 |
| Wattage (per ft.) | | 4.9 |

RGBTW

| Output (lm/ft) | | RGBTW |
|-------------------|--------|-------|
| Lumens (per ft.) | 27-65K | 237.6 |
| Wattage (per ft.) | | 5.5 |

RGBW+

| Output (lm/ft) | | RGBW3 | RGBW4 | RGBW5 |
|-------------------|-------|--------|--------|--------|
| Lumens (per ft.) | 3000K | 216.80 | 309.20 | 390.93 |
| Wattage (per ft.) | | 5.0 | 7.7 | 10.2 |

Tunable White

| Output (lm/ft) | | L2 | L5 |
|-------------------|-----------------|--------|--------|
| Lumens (per ft.) | 40-18K & 30-18K | 213.90 | 370.80 |
| Wattage (per ft.) | | 3.4 | 6.0 |

Velino.0 T-Grid Clip-On

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Specification Submittal



LDD - Downlight Output

LDD = Polycarbonate Drop Diffuser - Surround

White Light

| L-Level | | L1 | L2 | L3 | L4 | L6 | L8 | L10 | L12 | L15 |
|-------------------|-------|-------|--------|--------|--------|--------|--------|--------|--------|---------|
| Lumens (per ft.) | 2200K | 50.00 | 105.50 | 151.50 | 224.61 | 352.95 | 415.50 | 509.95 | 629.22 | 752.65 |
| | 2400K | 50.96 | 106.52 | 165.06 | 225.52 | 335.13 | 414.64 | 507.76 | 643.20 | 774.53 |
| | 2700K | 56.03 | 127.27 | 196.86 | 264.26 | 398.42 | 484.55 | 588.56 | 636.96 | 889.85 |
| | 3000K | 58.54 | 122.15 | 190.83 | 262.45 | 383.10 | 502.43 | 631.30 | 775.39 | 1031.06 |
| | 3500K | 62.12 | 127.59 | 199.58 | 278.94 | 410.96 | 486.36 | 563.16 | 738.73 | 887.77 |
| | 4000K | 63.77 | 132.45 | 201.34 | 277.60 | 416.99 | 513.42 | 651.37 | 797.53 | 979.40 |
| | 5000K | 63.82 | 134.32 | 201.72 | 280.86 | 417.68 | 525.37 | 636.96 | 799.61 | 975.88 |
| Wattage (per ft.) | | 1.0 | 2.0 | 3.1 | 4.3 | 6.6 | 7.6 | 9.6 | 12 | 15.2 |

RGBW+

| Output (lm/ft) | | RGBW3 | RGBW4 | RGBW5 |
|-------------------|-------|--------|--------|--------|
| Lumens (per ft.) | 3000K | 148.40 | 211.65 | 267.60 |
| Wattage (per ft.) | | 5.0 | 7.7 | 10.2 |

Tunable

| Output (lm/ft) | | L2 | L5 |
|-------------------|-----------------|--------|-------|
| Lumens (per ft.) | 40-18K & 30-18K | 156.04 | 270.5 |
| Wattage (per ft.) | | 3.4 | 6.0 |

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Specification Submittal



LAF - Downlight Output

LAF = Linear Optic Asymmetric - Flush

White Light

| L-Level | | L1 | L2 | L3 | L4 | L6 | L8 | L10 | L12 | L15 |
|-------------------|-------|--------|--------|--------|--------|--------|--------|---------|---------|---------|
| Lumens (per ft.) | 2200K | 83.58 | 176.34 | 253.23 | 375.42 | 589.94 | 694.47 | 852.35 | 1051.70 | 1258.01 |
| | 2400K | 85.18 | 178.03 | 275.88 | 376.94 | 560.15 | 693.05 | 848.69 | 1075.07 | 1294.58 |
| | 2700K | 93.65 | 212.73 | 329.04 | 441.69 | 665.93 | 809.89 | 983.73 | 1064.63 | 1487.33 |
| | 3000K | 97.85 | 204.17 | 318.96 | 438.66 | 640.33 | 839.77 | 1055.18 | 1296.01 | 1723.34 |
| | 3500K | 103.82 | 213.27 | 333.59 | 466.22 | 686.89 | 812.93 | 941.28 | 1234.73 | 1483.85 |
| | 4000K | 106.59 | 221.38 | 336.53 | 463.99 | 696.97 | 858.15 | 1088.72 | 1333.02 | 1637.00 |
| | 5000K | 106.68 | 224.50 | 337.16 | 469.43 | 698.13 | 878.13 | 1064.63 | 1336.50 | 1631.11 |
| Wattage (per ft.) | | 1.0 | 2.0 | 3.1 | 4.3 | 6.6 | 7.6 | 9.6 | 12 | 15.2 |

RGBW

| Output (lm/ft) | | RGBW |
|-------------------|-------|-------|
| Lumens (per ft.) | 3000K | 196.5 |
| Wattage (per ft.) | | 4.9 |

RGBTW

| Output (lm/ft) | | RGBTW |
|-------------------|--------|-------|
| Lumens (per ft.) | 27-65K | 293.6 |
| Wattage (per ft.) | | 5.5 |

Tunable White

| Output (lm/ft) | | L2 | L5 |
|-------------------|-----------------|--------|-------|
| Lumens (per ft.) | 40-18K & 30-18K | 257.39 | 446.2 |
| Wattage (per ft.) | | 3.4 | 6 |

Velino.0 T-Grid Clip-On

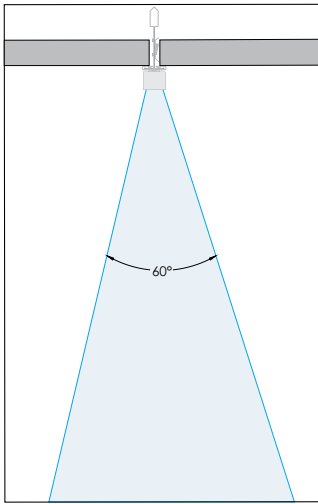
Lay-In 9/16" T-Grid Clip-On - Linear Optics - Surface-Mount

Specification Submittal

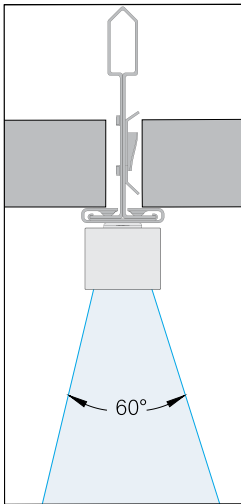
◆ Photometry

LIGHT DISTRIBUTION

Velino.0 Lay-In 9/16 T-Grid Clip-On - Surface Mount

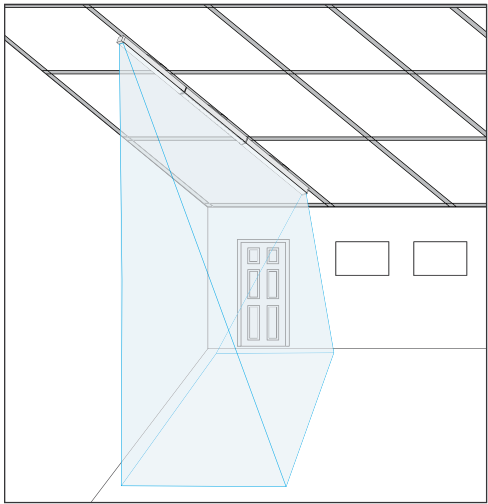


Side view



LIGHT DISTRIBUTION

Velino.0 Lay-In 9/16 T-Grid Clip-On - Surface Mount



Light spread representation

Velino.0 T-Grid Clip-On

Lay-In 9/16" T-Grid Clip-On - Linear Optics - Surface-Mount

Specification Submittal

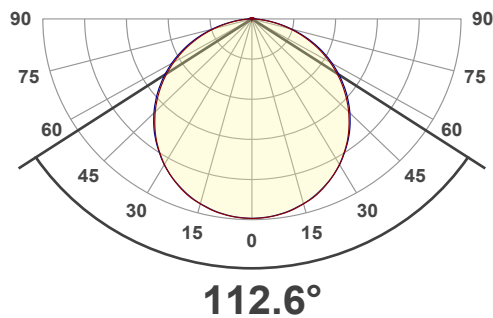
◆ Photometry

LDF = Polycarbonate Diffuser (Lambertian), L1 - 3500K

LUMEN SUMMARY

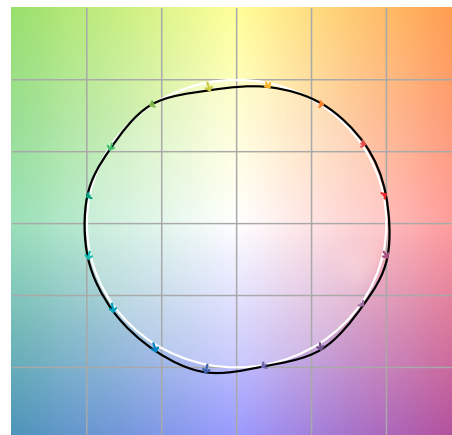
| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 75° - 90° | 3.65 lm | 4.77% |
| 60° - 75° | 12.7 lm | 16.60% |
| 45° - 60° | 19.1 lm | 24.97% |
| 30° - 45° | 20.0 lm | 26.14% |
| 15° - 30° | 15.0 lm | 19.61% |
| 0° - 15° | 5.57 lm | 7.28% |

ANGULAR DISTRIBUTION



COLOR VECTOR GRAPHIC

| Hue Bin | R_f | Graphic shifts (%) | |
|---------|-------|--------------------|-----|
| | | Chroma | Hue |
| 1 | 95 | 2% | 0% |
| 2 | 95 | 2% | -2% |
| 3 | 94 | 1% | -2% |
| 4 | 93 | -3% | -3% |
| 5 | 93 | -6% | 0% |
| 6 | 96 | 0% | 2% |
| 7 | 93 | -1% | 4% |
| 8 | 96 | 2% | 1% |
| 9 | 93 | 2% | 5% |
| 10 | 92 | 2% | 5% |
| 11 | 91 | 4% | 4% |
| 12 | 92 | 5% | 0% |
| 13 | 96 | 1% | -3% |
| 14 | 94 | 4% | -2% |
| 15 | 92 | 2% | 0% |
| 16 | 90 | 3% | -3% |



□ Reference ■ Test

Velino.0 T-Grid Clip-On

Lay-In 9/16" T-Grid Clip-On - Linear Optics - Surface-Mount

Specification Submittal

◆ Photometry

LDF = Polycarbonate Diffuser (Lambertian) - Flush, L1 - 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 | 13.5 | 14.7 | 13.8 | 15.1 | 15.3 |
| | 3H | 14.6 | 15.9 | 15.0 | 16.1 | 16.4 |
| | 4H | 15.0 | 16.2 | 15.4 | 16.5 | 16.8 |
| | 6H | 15.3 | 16.3 | 15.6 | 16.6 | 17.0 |
| | 8H | 15.3 | 16.3 | 15.6 | 16.6 | 17.1 |
| | 12H | 15.3 | 16.3 | 15.7 | 16.6 | 17.1 |
| 4H | 2H | 14.1 | 15.3 | 14.5 | 15.6 | 15.9 |
| | 3H | 15.5 | 16.5 | 15.8 | 16.8 | 17.3 |
| | 4H | 15.9 | 16.8 | 16.3 | 17.2 | 17.8 |
| | 6H | 16.2 | 17.0 | 16.7 | 17.4 | 17.8 |
| | 8H | 16.2 | 17.0 | 16.7 | 17.4 | 17.8 |
| | 12H | 16.2 | 16.9 | 16.7 | 17.3 | 17.8 |
| 8H | 4H | 16.1 | 16.9 | 16.6 | 17.3 | 17.7 |
| | 6H | 16.5 | 17.1 | 17.0 | 17.6 | 18.1 |
| | 8H | 16.6 | 17.2 | 17.1 | 17.7 | 18.3 |
| | 12H | 16.7 | 17.1 | 17.3 | 17.6 | 18.2 |
| 12H | 4H | 16.1 | 16.8 | 16.6 | 17.2 | 17.7 |
| | 6H | 16.6 | 17.1 | 17.1 | 17.6 | 18.3 |
| | 8H | 16.7 | 17.1 | 17.3 | 17.6 | 18.3 |
| Variations with the observer position for the luminaire spacings, S: | | | | | | |
| S = 1.0H | | 0.1 / -0.2 | | | | |
| S = 1.5H | | 0.3 / -0.5 | | | | |
| S = 2.0H | | 0.7 / -0.9 | | | | |

Velino.0 T-Grid Clip-On

Lay-In 9/16" T-Grid Clip-On - Linear Optics - Surface-Mount

Specification Submittal

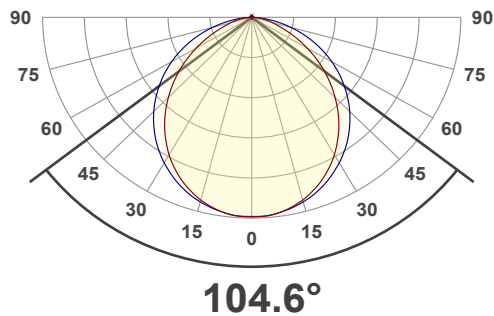
◆ Photometry

LDR = Polycarbonate Diffuser (Lambertian) - Recessed, L2 - 3500K

LUMEN SUMMARY

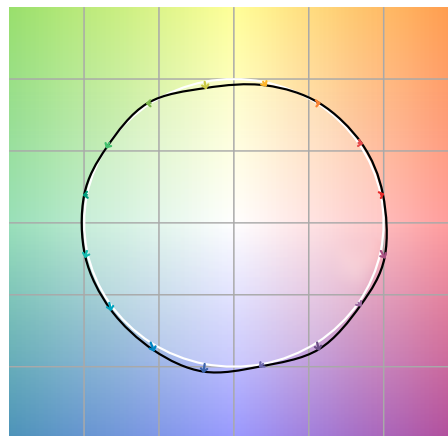
| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 75° - 90° | 4.40 lm | 3.33% |
| 60° - 75° | 18.6 lm | 14.09% |
| 45° - 60° | 32.6 lm | 24.70% |
| 30° - 45° | 36.6 lm | 27.73% |
| 15° - 30° | 28.5 lm | 21.59% |
| 0° - 15° | 10.7 lm | 8.11% |

ANGULAR DISTRIBUTION



COLOR VECTOR GRAPHIC

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



□ Reference ■ Test

Velino.0 T-Grid Clip-On

Lay-In 9/16" T-Grid Clip-On - Linear Optics - Surface-Mount

Specification Submittal

✦ Photometry

LDR = Polycarbonate Diffuser (Lambertian) - Recessed, L2 - 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 | 14.7 | 15.9 | 14.9 | 16.2 | 16.4 |
| | 3H | 15.3 | 16.5 | 15.7 | 16.8 | 17.0 |
| | 4H | 15.4 | 16.6 | 15.9 | 16.9 | 17.1 |
| | 6H | 15.6 | 16.6 | 15.9 | 16.9 | 17.3 |
| | 8H | 15.6 | 16.6 | 16.0 | 16.9 | 17.3 |
| | 12H | 15.6 | 16.5 | 16.0 | 16.9 | 17.3 |
| 4H | 2H | 15.3 | 16.4 | 15.7 | 16.7 | 17.0 |
| | 3H | 16.1 | 17.0 | 16.4 | 17.4 | 17.8 |
| | 4H | 16.2 | 17.1 | 16.7 | 17.5 | 18.1 |
| | 6H | 16.4 | 17.2 | 16.9 | 17.6 | 17.9 |
| | 8H | 16.4 | 17.2 | 16.9 | 17.5 | 17.9 |
| | 12H | 16.4 | 17.0 | 16.9 | 17.4 | 17.9 |
| 8H | 4H | 16.4 | 17.1 | 16.9 | 17.5 | 17.9 |
| | 6H | 16.6 | 17.2 | 17.1 | 17.6 | 18.2 |
| | 8H | 16.7 | 17.2 | 17.2 | 17.7 | 18.3 |
| | 12H | 16.7 | 17.1 | 17.3 | 17.6 | 18.2 |
| 12H | 4H | 16.4 | 17.0 | 16.9 | 17.4 | 17.9 |
| | 6H | 16.6 | 17.1 | 17.2 | 17.7 | 18.3 |
| | 8H | 16.7 | 17.1 | 17.3 | 17.6 | 18.2 |
| Variations with the observer position for the luminaire spacings, S: | | | | | | |
| S = 1.0H | | 0.2 / -0.4 | | | | |
| S = 1.5H | | 0.5 / -1.0 | | | | |
| S = 2.0H | | 1.2 / -2.0 | | | | |

Velino.0 T-Grid Clip-On

Lay-In 9/16" T-Grid Clip-On - Linear Optics - Surface-Mount

Specification Submittal

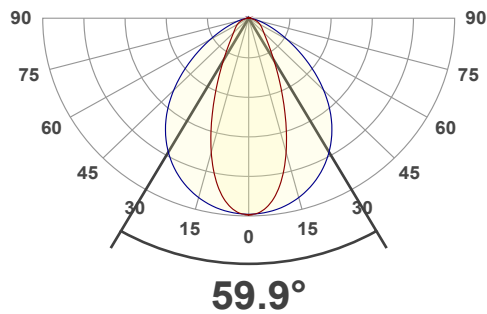
◆ Photometry

LMF = Linear Optic Medium - (40 degree + 85 degree wide beam) - Flush, L6 - 3500K

LUMEN SUMMARY

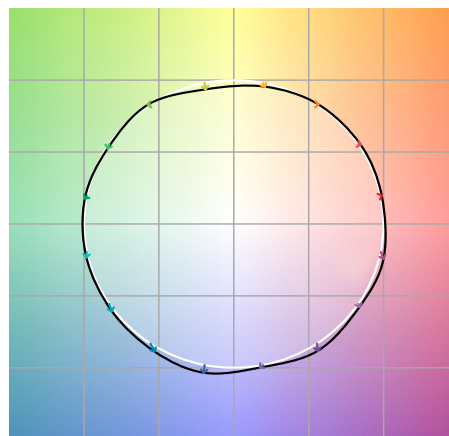
| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 75° - 90° | 13.3 lm | 1.93% |
| 60° - 75° | 54.9 lm | 7.98% |
| 45° - 60° | 115 lm | 16.72% |
| 30° - 45° | 182 lm | 26.45% |
| 15° - 30° | 213 lm | 30.96% |
| 0° - 15° | 106 lm | 15.41% |

ANGULAR DISTRIBUTION



COLOR VECTOR GRAPHIC

| Hue Bin | R _i | Graphic shifts (%) | |
|---------|----------------|--------------------|-----|
| | | Chroma | Hue |
| 1 | 96 | 1% | 0% |
| 2 | 97 | 1% | -1% |
| 3 | 96 | 0% | -1% |
| 4 | 95 | -2% | -2% |
| 5 | 93 | -5% | 0% |
| 6 | 96 | 1% | 2% |
| 7 | 94 | -1% | 3% |
| 8 | 96 | 1% | 2% |
| 9 | 95 | 1% | 4% |
| 10 | 92 | 1% | 5% |
| 11 | 90 | 3% | 5% |
| 12 | 92 | 5% | 1% |
| 13 | 96 | 1% | -2% |
| 14 | 93 | 4% | -2% |
| 15 | 92 | 2% | -1% |
| 16 | 91 | 3% | -4% |



□ Reference ■ Test

Velino.0 T-Grid Clip-On

Lay-In 9/16" T-Grid Clip-On - Linear Optics - Surface-Mount

Specification Submittal

◆ Photometry

LMF = Linear Optic Medium - (40 degree + 85 degree wide beam) - Flush, L6 - 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 | 15.0 | 15.9 | 15.2 | 16.2 | 16.4 |
| | 3H | 15.6 | 16.7 | 16.0 | 16.9 | 17.1 |
| | 4H | 15.9 | 16.9 | 16.3 | 17.2 | 17.4 |
| | 6H | 16.1 | 17.0 | 16.4 | 17.3 | 17.6 |
| | 8H | 16.1 | 17.0 | 16.5 | 17.3 | 17.7 |
| | 12H | 16.1 | 16.9 | 16.5 | 17.2 | 17.7 |
| 4H | 2H | 15.8 | 16.8 | 16.3 | 17.1 | 17.3 |
| | 3H | 16.7 | 17.5 | 17.1 | 17.9 | 18.3 |
| | 4H | 17.0 | 17.7 | 17.4 | 18.1 | 18.7 |
| | 6H | 17.1 | 17.9 | 17.7 | 18.2 | 18.6 |
| | 8H | 17.2 | 17.8 | 17.7 | 18.2 | 18.6 |
| | 12H | 17.2 | 17.7 | 17.7 | 18.1 | 18.6 |
| 8H | 4H | 17.2 | 17.9 | 17.8 | 18.3 | 18.7 |
| | 6H | 17.5 | 18.0 | 18.0 | 18.5 | 19.0 |
| | 8H | 17.6 | 18.0 | 18.1 | 18.5 | 19.2 |
| | 12H | 17.6 | 17.9 | 18.2 | 18.4 | 19.1 |
| 12H | 4H | 17.2 | 17.8 | 17.8 | 18.2 | 18.7 |
| | 6H | 17.6 | 18.0 | 18.1 | 18.5 | 19.1 |
| | 8H | 17.6 | 18.0 | 18.2 | 18.5 | 19.1 |
| Variations with the observer position for the luminaire spacings, S: | | | | | | |
| S = 1.0H | | 0.6 / -0.6 | | | | |
| S = 1.5H | | 1.1 / -1.1 | | | | |
| S = 2.0H | | 1.6 / -1.7 | | | | |

Velino.0 T-Grid Clip-On

Lay-In 9/16" T-Grid Clip-On - Linear Optics - Surface-Mount

Specification Submittal

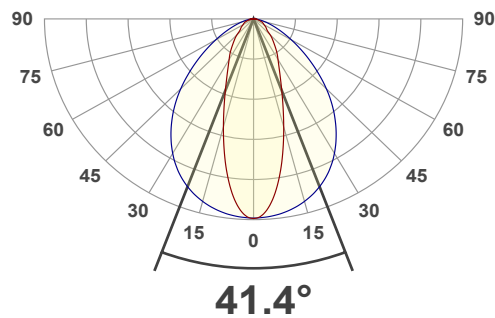
◆ Photometry

LMR = Linear Optic Medium - (40 degree + 85 degree wide beam) - Recessed, L6 - 3500K

LUMEN SUMMARY

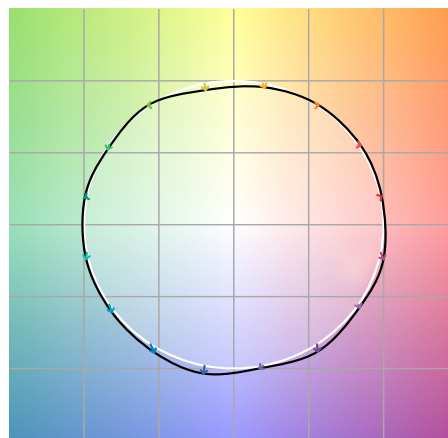
| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 75° - 90° | 11.8 lm | 2.10% |
| 60° - 75° | 49.3 lm | 8.77% |
| 45° - 60° | 99.6 lm | 17.72% |
| 30° - 45° | 148 lm | 26.33% |
| 15° - 30° | 165 lm | 29.36% |
| 0° - 15° | 85.7 lm | 15.25% |

ANGULAR DISTRIBUTION



COLOR VECTOR GRAPHIC

| Hue Bin | R _t | Graphic shifts (%) | |
|---------|----------------|--------------------|-----|
| | | Chroma | Hue |
| 1 | 96 | 1% | 0% |
| 2 | 97 | 1% | -1% |
| 3 | 96 | 1% | -1% |
| 4 | 95 | -2% | -2% |
| 5 | 93 | -5% | 0% |
| 6 | 96 | 1% | 2% |
| 7 | 94 | -1% | 3% |
| 8 | 97 | 1% | 1% |
| 9 | 94 | 1% | 4% |
| 10 | 92 | 1% | 5% |
| 11 | 90 | 3% | 5% |
| 12 | 92 | 5% | 0% |
| 13 | 96 | 1% | -3% |
| 14 | 93 | 4% | -2% |
| 15 | 92 | 2% | -1% |
| 16 | 91 | 3% | -4% |



□ Reference ■ Test

Velino.0 T-Grid Clip-On

Lay-In 9/16" T-Grid Clip-On - Linear Optics - Surface-Mount

Specification Submittal

◆ Photometry

LMR = Linear Optic Medium - (40 degree + 85 degree wide beam) - Recessed, L6 - 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 | 14.4 | 15.4 | 14.6 | 15.7 | 15.9 |
| | 3H | 15.2 | 16.2 | 15.6 | 16.5 | 16.7 |
| | 4H | 15.5 | 16.5 | 15.9 | 16.7 | 17.0 |
| | 6H | 15.7 | 16.6 | 16.1 | 16.9 | 17.3 |
| | 8H | 15.8 | 16.6 | 16.1 | 16.9 | 17.3 |
| | 12H | 15.8 | 16.6 | 16.1 | 16.9 | 17.3 |
| 4H | 2H | 15.2 | 16.2 | 15.6 | 16.4 | 16.7 |
| | 3H | 16.1 | 16.9 | 16.5 | 17.3 | 17.7 |
| | 4H | 16.4 | 17.1 | 16.8 | 17.6 | 18.1 |
| | 6H | 16.7 | 17.4 | 17.2 | 17.7 | 18.1 |
| | 8H | 16.7 | 17.4 | 17.2 | 17.7 | 18.1 |
| | 12H | 16.7 | 17.2 | 17.2 | 17.7 | 18.1 |
| 8H | 4H | 16.6 | 17.3 | 17.2 | 17.7 | 18.0 |
| | 6H | 17.0 | 17.4 | 17.5 | 17.9 | 18.5 |
| | 8H | 17.1 | 17.5 | 17.6 | 18.0 | 18.6 |
| | 12H | 17.1 | 17.4 | 17.7 | 18.0 | 18.6 |
| 12H | 4H | 16.6 | 17.2 | 17.1 | 17.6 | 18.1 |
| | 6H | 17.0 | 17.4 | 17.5 | 17.9 | 18.6 |
| | 8H | 17.1 | 17.4 | 17.7 | 17.9 | 18.6 |
| Variations with the observer position for the luminaire spacings, S: | | | | | | |
| S = 1.0H | | 0.6 / -0.6 | | | | |
| S = 1.5H | | 1.0 / -1.2 | | | | |
| S = 2.0H | | 1.5 / -1.6 | | | | |

Velino.0 T-Grid Clip-On

Lay-In 9/16" T-Grid Clip-On - Linear Optics - Surface-Mount

Specification Submittal

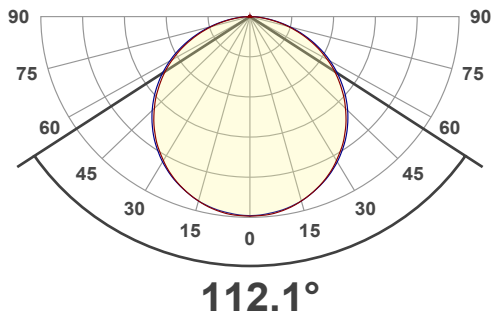
✦ Photometry

LDD = Polycarbonate Drop Diffuser - Surround, L1 - 3500K

LUMEN SUMMARY

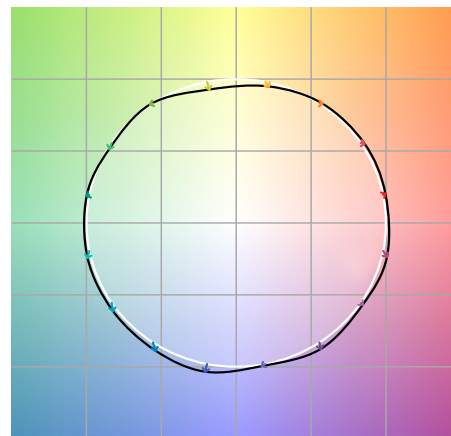
| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 75° - 90° | 2.93 lm | 4.86% |
| 60° - 75° | 10.0 lm | 16.58% |
| 45° - 60° | 15.0 lm | 24.88% |
| 30° - 45° | 15.7 lm | 26.04% |
| 15° - 30° | 11.8 lm | 19.57% |
| 0° - 15° | 4.41 lm | 7.31% |

ANGULAR DISTRIBUTION 0 - 90°



COLOR VECTOR GRAPHIC

| Hue Bin | R_f | Graphic shifts (%) | |
|---------|-------|--------------------|-----|
| | | Chroma | Hue |
| 1 | 95 | 2% | 1% |
| 2 | 95 | 2% | -2% |
| 3 | 94 | 1% | -2% |
| 4 | 93 | -3% | -3% |
| 5 | 93 | -5% | 0% |
| 6 | 96 | 0% | 2% |
| 7 | 93 | -1% | 4% |
| 8 | 96 | 2% | 1% |
| 9 | 93 | 2% | 5% |
| 10 | 92 | 2% | 5% |
| 11 | 91 | 4% | 4% |
| 12 | 92 | 5% | 0% |
| 13 | 96 | 1% | -3% |
| 14 | 94 | 4% | -2% |
| 15 | 92 | 2% | 0% |
| 16 | 90 | 3% | -3% |



□ Reference ■ Test

Velino.0 T-Grid Clip-On

Lay-In 9/16" T-Grid Clip-On - Linear Optics - Surface-Mount

Specification Submittal

✦ Photometry

LDD = Polycarbonate Drop Diffuser - Surround, L1 - 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 | 12.7 | 13.9 | 12.9 | 14.2 | 14.4 |
| | 3H | 13.7 | 15.0 | 14.2 | 15.3 | 15.5 |
| | 4H | 14.2 | 15.4 | 14.6 | 15.6 | 15.9 |
| | 6H | 14.4 | 15.5 | 14.8 | 15.8 | 16.2 |
| | 8H | 14.5 | 15.5 | 14.8 | 15.8 | 16.2 |
| | 12H | 14.5 | 15.5 | 14.8 | 15.8 | 16.3 |
| 4H | 2H | 13.3 | 14.5 | 13.7 | 14.8 | 15.0 |
| | 3H | 14.6 | 15.6 | 15.0 | 16.0 | 16.4 |
| | 4H | 15.0 | 16.0 | 15.5 | 16.4 | 16.9 |
| | 6H | 15.3 | 16.2 | 15.9 | 16.6 | 17.0 |
| | 8H | 15.4 | 16.2 | 15.9 | 16.6 | 17.0 |
| | 12H | 15.4 | 16.1 | 15.9 | 16.5 | 17.0 |
| 8H | 4H | 15.3 | 16.1 | 15.8 | 16.5 | 16.9 |
| | 6H | 15.7 | 16.3 | 16.2 | 16.8 | 17.3 |
| | 8H | 15.8 | 16.4 | 16.3 | 16.9 | 17.5 |
| | 12H | 15.9 | 16.3 | 16.5 | 16.8 | 17.4 |
| 12H | 4H | 15.3 | 16.0 | 15.8 | 16.4 | 16.9 |
| | 6H | 15.7 | 16.3 | 16.3 | 16.8 | 17.5 |
| | 8H | 15.9 | 16.3 | 16.5 | 16.8 | 17.5 |
| Variations with the observer position for the luminaire spacings, S: | | | | | | |
| S = 1.0H | | 0.1 / -0.2 | | | | |
| S = 1.5H | | 0.3 / -0.5 | | | | |
| S = 2.0H | | 0.6 / -0.9 | | | | |

Velino.0 T-Grid Clip-On

Lay-In 9/16" T-Grid Clip-On - Linear Optics - Surface-Mount

Specification Submittal

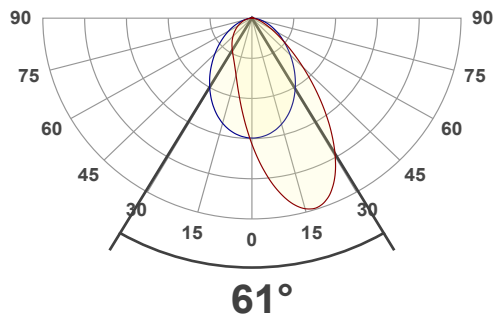
✦ Photometry

LAF = Linear Optic Asymmetric - Flush, L6 - 3500K

LUMEN SUMMARY

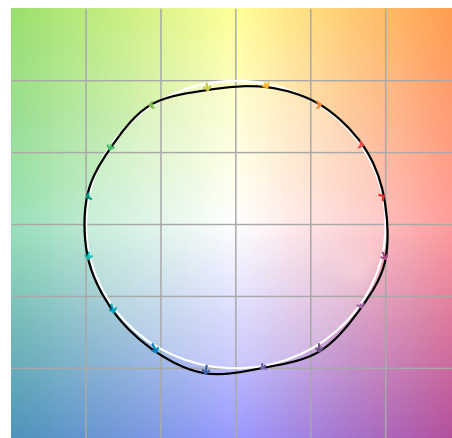
| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 75° - 90° | 18.2 lm | 2.72% |
| 60° - 75° | 68.4 lm | 10.24% |
| 45° - 60° | 141 lm | 21.11% |
| 30° - 45° | 198 lm | 29.64% |
| 15° - 30° | 173 lm | 25.90% |
| 0° - 15° | 64.9 lm | 9.72% |

ANGULAR DISTRIBUTION



COLOR VECTOR GRAPHIC

| Hue Bin | R _f | Graphic shifts (%) | |
|---------|----------------|--------------------|-----|
| | | Chroma | Hue |
| 1 | 96 | 1% | 0% |
| 2 | 97 | 1% | -1% |
| 3 | 96 | 1% | -1% |
| 4 | 95 | -2% | -2% |
| 5 | 93 | -5% | 0% |
| 6 | 96 | 1% | 2% |
| 7 | 94 | -1% | 3% |
| 8 | 97 | 1% | 1% |
| 9 | 94 | 1% | 4% |
| 10 | 92 | 2% | 5% |
| 11 | 90 | 3% | 5% |
| 12 | 92 | 5% | 0% |
| 13 | 96 | 1% | -3% |
| 14 | 93 | 4% | -3% |
| 15 | 92 | 2% | -1% |
| 16 | 91 | 3% | -4% |



Reference Test