

**OPTIQUE**

---

# **Velino.0 T-Grid Clip-On**

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



## Velino.0 T-Grid Clip-On

*Tegular 9/16" T-Grid Clip-On - Linear Optics - Surface-Mount*

### Specification Submittal

A discreet surface-mount linear luminaire precision-engineered for seamless integration into 9/16" Tegular 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.

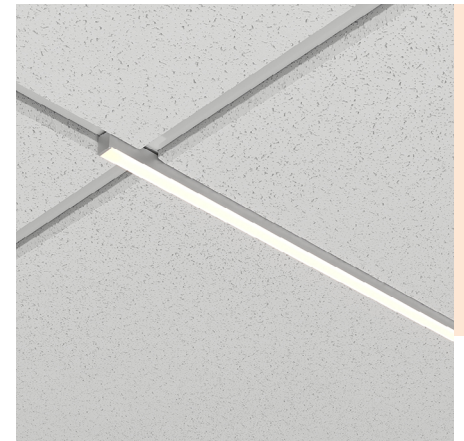


Project Name:

Project Location:

Fixture Type:

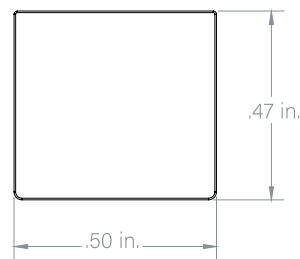
SKUs:



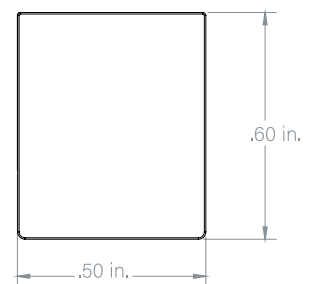
### ⚙️ Features & Benefits

- Clip-on system for 9/16" tegular t-grid ceilings for a clean, tool-free integration
- Narrow 1/2 in. luminaire profile that fits between tegular ceiling tiles
- 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 light engines.
- Available in anodized aluminum, matte black, gloss white, or special order RAL colors
- 24V DC operation; compatible with Triac, ELV and 0-10V.
- 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**

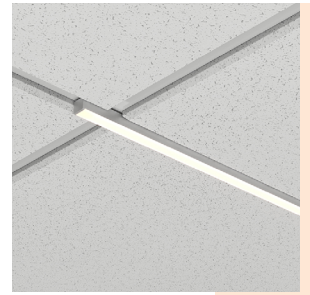


**Fixture Cross Section for Surround Optics**

## Velino.0 T-Grid Clip-On

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

Specification Submittal



### i System Builder

Prefix	Location	Mount	Optics	Output	CCT	Finish	Length	Leads	Lead Length 1	Lead Length 2
OP-SFU-V0	I	TGT916	<p><i>Linear Lighting</i></p> <p><b>LDD †</b> Polycarbonate Diffuser (Surround) - Flush</p> <p><b>LDF</b> Polycarbonate Diffuser (Lambertian) - Flush</p> <p><b>LMF</b> Linear Optic Medium - (~40° + 85° wide beam) - Flush</p> <p><b>LAF</b> Linear Optic Asymmetric - (Asymmetric beam for wall-wash and shelf lighting) - Flush</p>	<p><i>White Light</i></p> <p><b>L1</b> 100± lm/ft (1.0W)</p> <p><b>L2</b> 200± lm/ft (2.0W)</p> <p><b>L3</b> 300± lm/ft (3.1W)</p> <p><b>L4</b> 400± lm/ft (4.3W)</p> <p><b>L6</b> 600± lm/ft (6.6W)</p> <p><b>L8</b> 800± lm/ft (7.6W)</p> <p><b>L10</b> 1000± lm/ft (9.6W)</p> <p><b>L12</b> 1250± lm/ft (12.0W)</p> <p><b>L15</b> 1500± lm/ft (15.2W)</p>	<p><i>White Light</i></p> <p><b>2700K</b></p> <p><b>3000K</b></p> <p><b>3500K</b></p> <p><b>4000K</b></p>	<p><b>ALU</b> - Quick Ship Anodized Aluminum</p> <p><b>GLW</b> - Quick Ship Powder Coated Gloss White</p> <p><b>ABL</b> - Quick Ship Anodized Matte Black</p> <p><b>RALXXXX</b> Specify Color</p>	<p><b>XXX</b> Length in 1 in. increments</p> <p>- The fixtures come in segments up to 100 in.</p>	<p><b>1LEAD</b> One lead</p> <p><b>2LEAD</b> Two leads</p>	<p><b>XXX</b> 1-120 in.</p>	<p><b>XXX</b> 1-120 in.</p>

† 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.

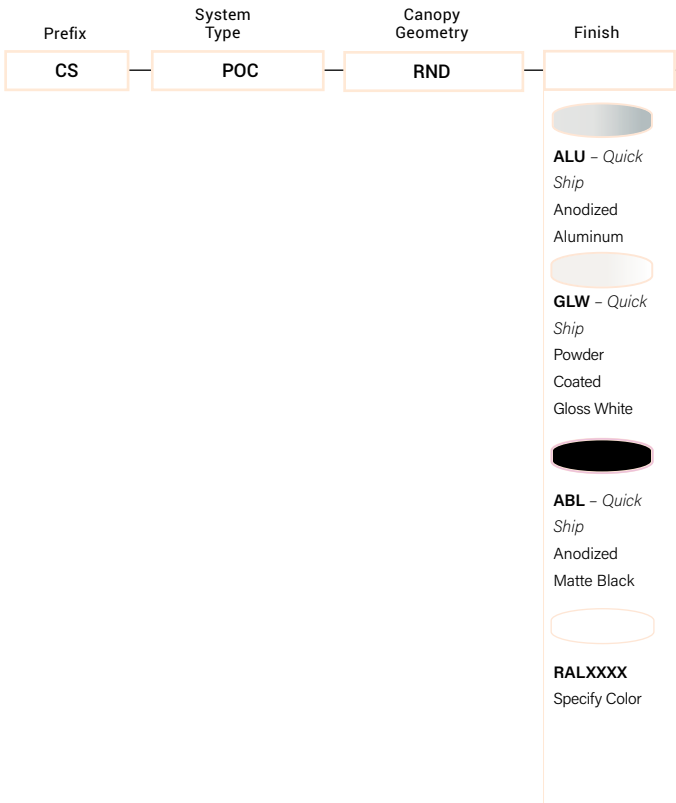
Fixtures are supplied with Optique's remote Universal power supply supporting 0-10, 1-10V, MLV, ELV dimming and voltage input from 100V-277V.

# Velino.0 T-Grid Clip-On

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

Specification Submittal

**i** Canopy System Builder (Optional)



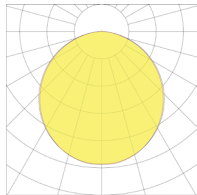
# Velino.0 T-Grid Clip-On

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

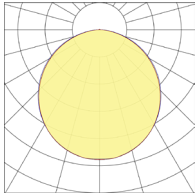
Specification Submittal

## i Linear Optics Options

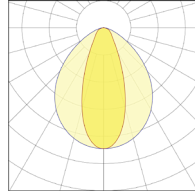
**LDD**  
Polycarbonate Diffuser (Surround) - Flush



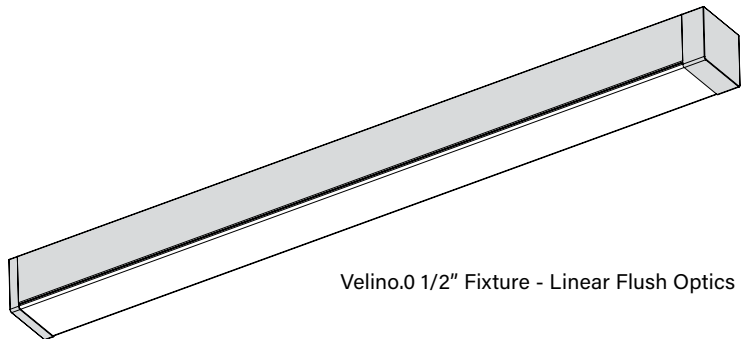
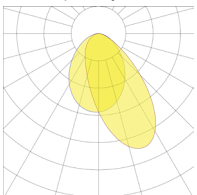
**LDF**  
Polycarbonate Diffuser (Lambertian) - Flush



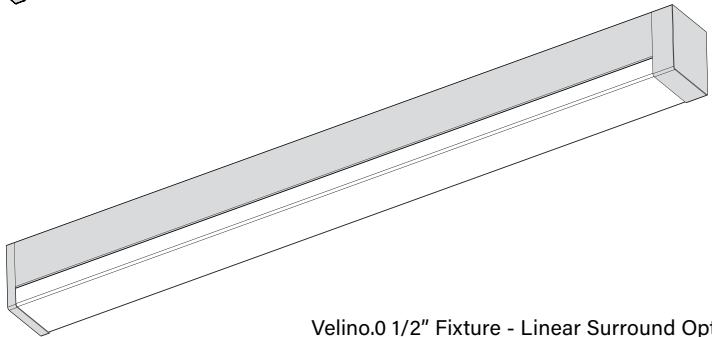
**LMF**  
Linear Optic Medium - (~40° + 85° wide beam) - Flush



**LAF**  
Linear Optic Asymmetric beam for wall-wash - Flush



Velino.0 1/2" Fixture - Linear Flush Optics



Velino.0 1/2" Fixture - Linear Surround Optics

# Velino.0 T-Grid Clip-On

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

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.)	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
Wattage (per ft.)		1.0	2.0	3.1	4.3	6.6	7.6	9.6	12	15.2

## Velino.0 T-Grid Clip-On

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

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.)	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
Wattage (per ft.)		1.0	2.0	3.1	4.3	6.6	7.6	9.6	12	15.2

## Velino.0 T-Grid Clip-On

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

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.)	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
Wattage (per ft.)		1.0	2.0	3.1	4.3	6.6	7.6	9.6	12	15.2

# Velino.0 T-Grid Clip-On

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

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.)	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
Wattage (per ft.)		1.0	2.0	3.1	4.3	6.6	7.6	9.6	12	15.2

# Velino.0 T-Grid Clip-On

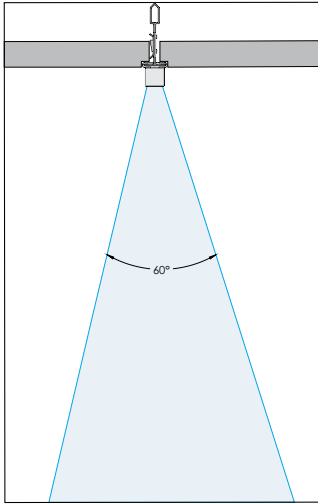
Tegular 9/16" T-Grid Clip-On - Linear Optics - Surface-Mount

Specification Submittal

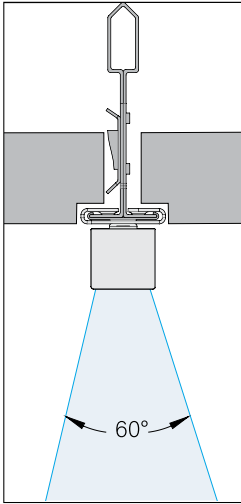
## ◆ Photometry

### LIGHT DISTRIBUTION

Velino.0 Tegular 9/16" T-Grid Clip-On - Surface Mount

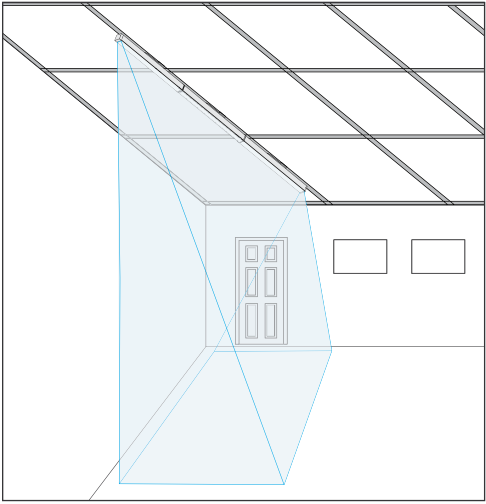


Side view



### LIGHT DISTRIBUTION

Velino.0 Tegular 9/16" T-Grid Clip-On - Surface Mount



Light spread representation

## Velino.0 T-Grid Clip-On

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

Specification Submittal

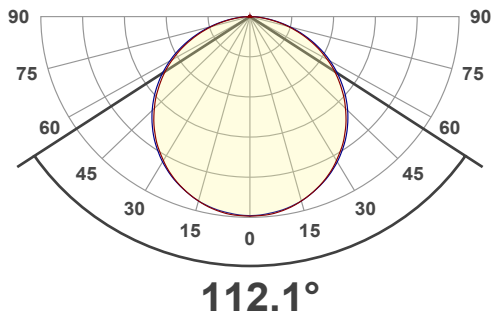
### ✦ Photometry

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

#### LUMEN SUMMARY

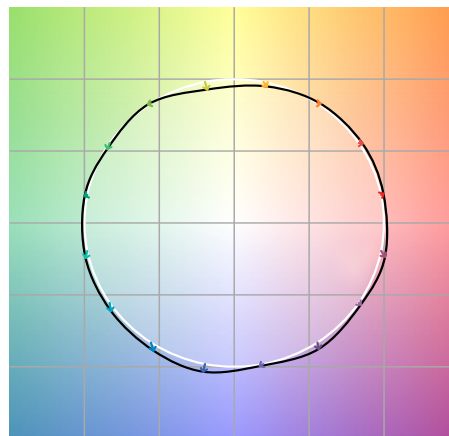
Zone	Lumens	% Fixture
75° - 90°	2.93 lm	4.86%
60° - 75°	10.0 lm	16.58%
45° - 60°	15.0 lm	24.88%
30° - 45°	15.7 lm	26.04%
15° - 30°	11.8 lm	19.57%
0° - 15°	4.41 lm	7.31%

#### 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

Tegular 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

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

Specification Submittal

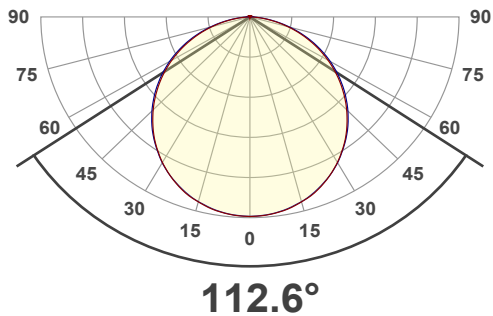
### ◆ Photometry

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

#### LUMEN SUMMARY

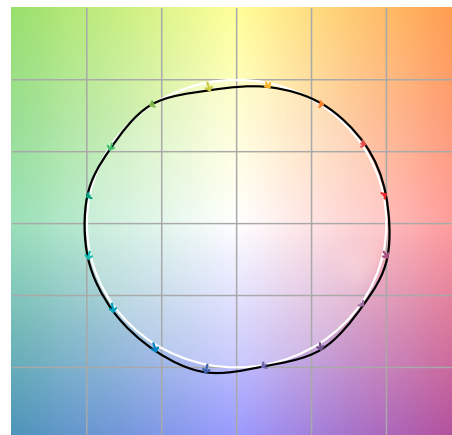
Zone	Lumens	% Fixture
75° - 90°	3.65 lm	4.77%
60° - 75°	12.7 lm	16.60%
45° - 60°	19.1 lm	24.97%
30° - 45°	20.0 lm	26.14%
15° - 30°	15.0 lm	19.61%
0° - 15°	5.57 lm	7.28%

#### 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

Tegular 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

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

Specification Submittal

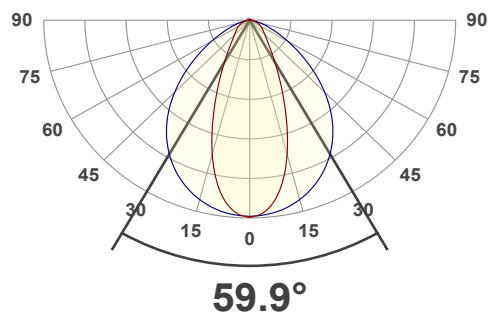
### ◆ Photometry

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

#### LUMEN SUMMARY

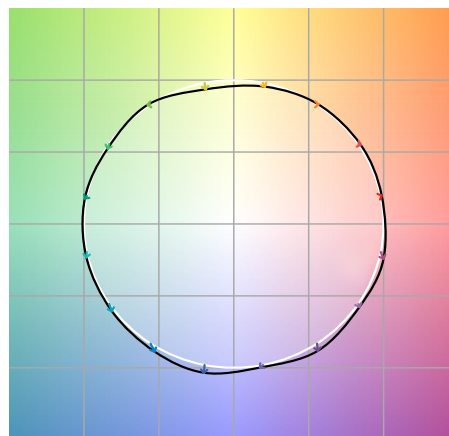
Zone	Lumens	% Fixture
75° - 90°	13.3 lm	1.93%
60° - 75°	54.9 lm	7.98%
45° - 60°	115 lm	16.72%
30° - 45°	182 lm	26.45%
15° - 30°	213 lm	30.96%
0° - 15°	106 lm	15.41%

#### ANGULAR DISTRIBUTION



#### COLOR VECTOR GRAPHIC

Hue Bin	R <sub>i</sub>	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

Tegular 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

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

Specification Submittal

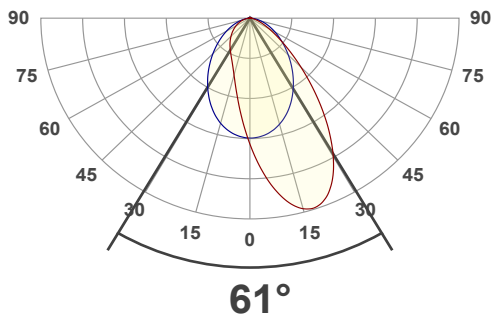
### ✦ Photometry

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

#### LUMEN SUMMARY

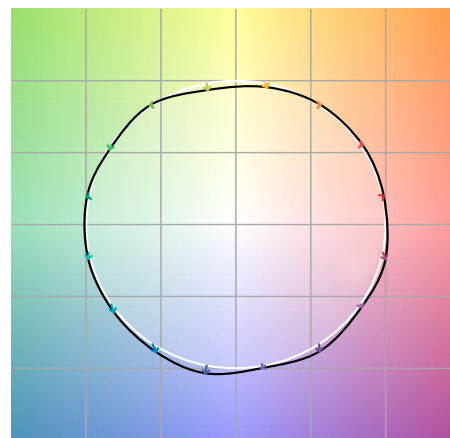
Zone	Lumens	% Fixture
75° - 90°	18.2 lm	2.72%
60° - 75°	68.4 lm	10.24%
45° - 60°	141 lm	21.11%
30° - 45°	198 lm	29.64%
15° - 30°	173 lm	25.90%
0° - 15°	64.9 lm	9.72%

#### ANGULAR DISTRIBUTION



#### COLOR VECTOR GRAPHIC

Hue Bin	R <sub>f</sub>	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