

OPTIQUE

Velino.0 T-Grid Clip-On

Lay-In 9/16" T-Grid Clip-On - Dark 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. 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:

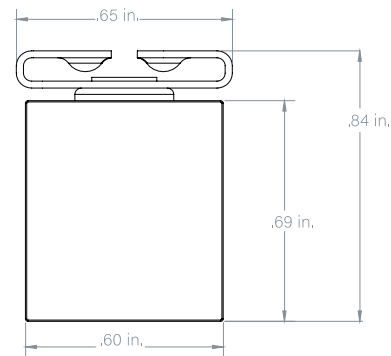
SKUs:



Features & Benefits

- Clip-on system for standard 9/16" Lay-In T-Grid ceilings for a clean, tool-free integration
- 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

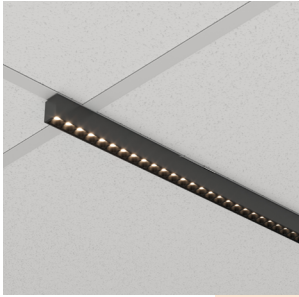


Fixture Cross Section







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Luminaire System Builder

Prefix	Location	Mount	Optics	Output	CCT	Finish	Length	Leads	Lead Length 1	Lead Length 2
OP-SFU-V0	I	TGL916	<p><i>Dark Optics</i></p> <p>DN Dark Optic Narrow - (~30° medium beam)</p> <p>DW Dark Optic Wide - (~60° wide beam)</p>	<p><i>White Light</i></p> <p>L7 700± lm/ft (4W)</p> <p>L10 1000± lm/ft (6W)</p>	<p><i>White Light</i></p> <p>2700K 3000K 3500K 4000K</p>	<p> ALU - Quick Ship Anodized Aluminum</p> <p> GLW - Quick Ship Powder Coated Gloss White</p> <p> ABL - Quick Ship Anodized Matte Black</p> <p> RALXXXX Specify Color</p>	<p>XXX Length in 1 in. increments</p> <p>- The fixtures come in segments up to 100 in.</p>	<p>1LEAD One lead</p> <p></p> <p>2LEAD Two leads</p> <p></p>	<p>XXX 1-120 in.</p>	<p>XXX 1-120 in.</p>

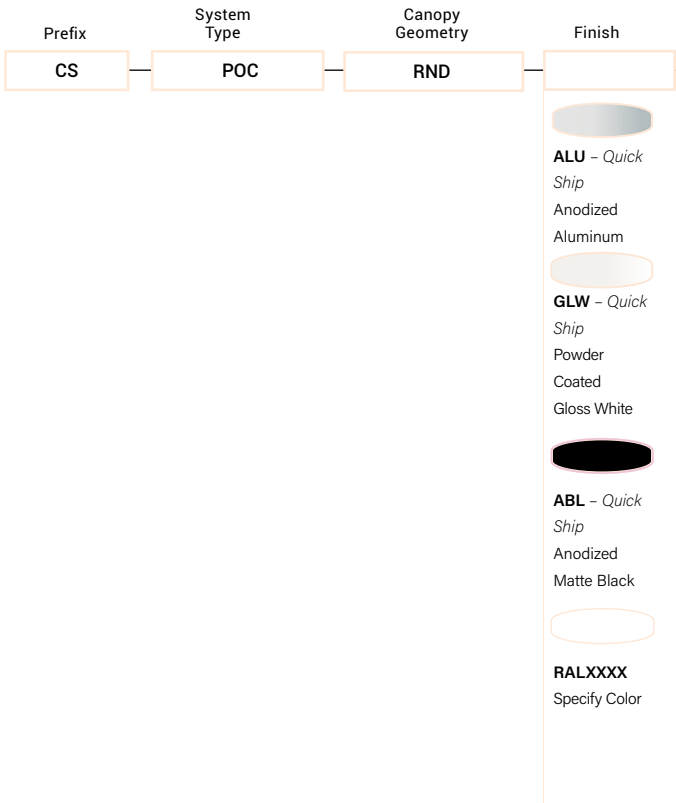
Fixtures are supplied with Optique's remote Universal power supply supporting 0-10, 1-10V, MLV, ELV dimming and voltage input from 100V-277V.

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i Canopy System Builder (Optional)



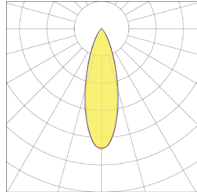
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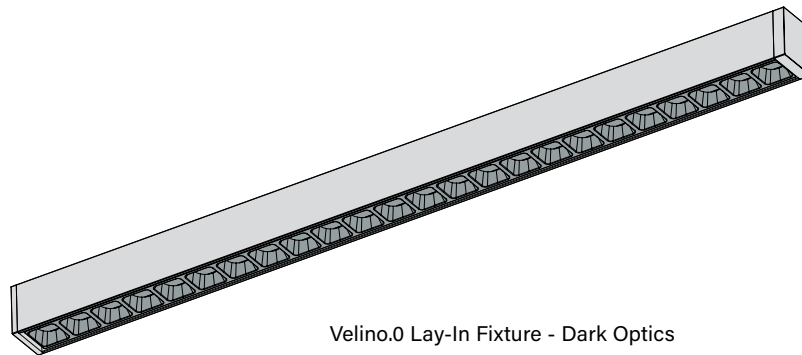
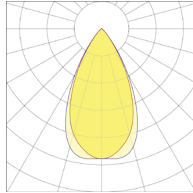
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Dark Optics Options

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



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



Velino.0 Lay-In Fixture - Dark Optics

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Output, DN & DW

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

Output (lm/ft)		L7	L10
Lumens (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 (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

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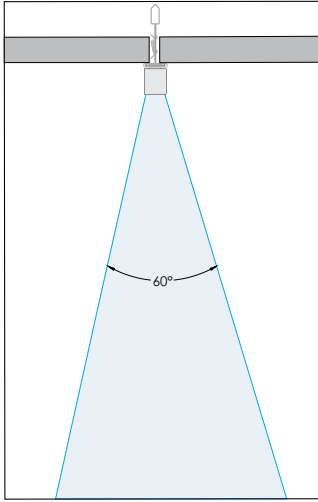
Lay-In 9/16" T-Grid Clip-On - Dark Optics - Surface-Mount

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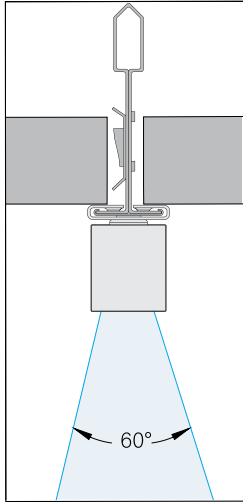
◆ Photometry

LIGHT DISTRIBUTION

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

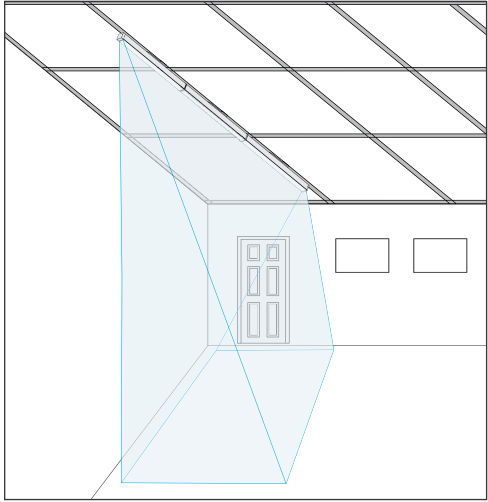


Side view



LIGHT DISTRIBUTION

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Light spread representation

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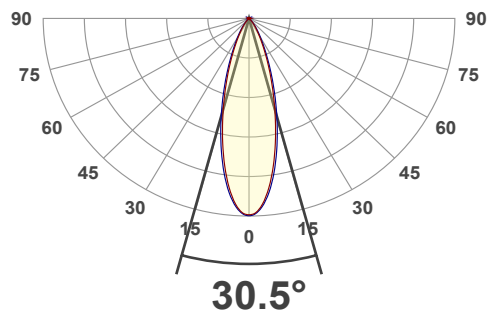
◆ Photometry

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

LUMEN SUMMARY

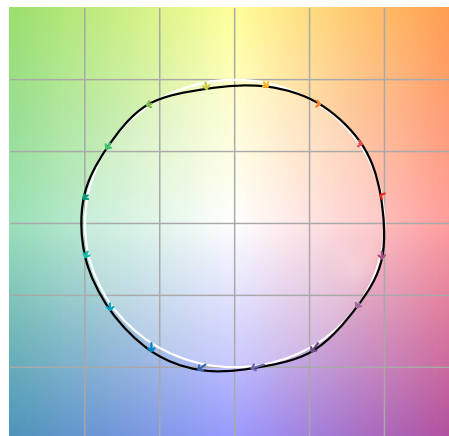
Zone	Lumens	% Fixture
75° - 90°	0.321 lm	0.04%
60° - 75°	1.91 lm	0.27%
45° - 60°	12.4 lm	1.73%
30° - 45°	95.2 lm	13.26%
15° - 30°	305 lm	42.48%
0° - 15°	299 lm	41.64%

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%



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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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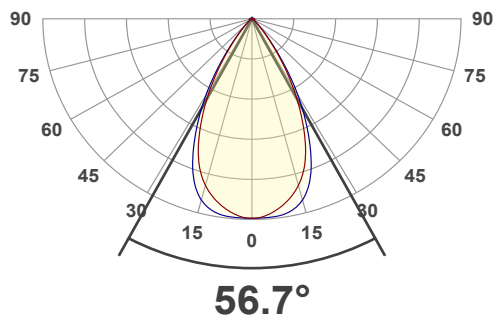
◆ Photometry

DW = Dark Optic "Wide" - (60° wide beam), L10 - 3500K

LUMEN SUMMARY

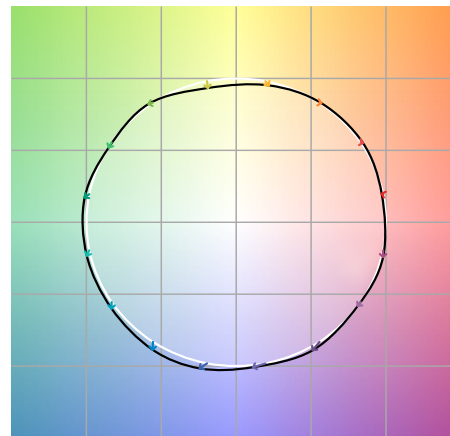
Zone	Lumens	% Fixture
75° - 90°	0.265 lm	0.03%
60° - 75°	1.40 lm	0.18%
45° - 60°	20.8 lm	2.63%
30° - 45°	178 lm	22.53%
15° - 30°	395 lm	50.00%
0° - 15°	190 lm	24.05%

ANGULAR DISTRIBUTION



COLOR VECTOR GRAPHIC

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



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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				