OPTIQUE

Velino.0 Recessed

Mud-In - Linear Optics

OPTIQUE

Velino.0 Recessed

Mud-In - Linear Optics

Specification Submittal

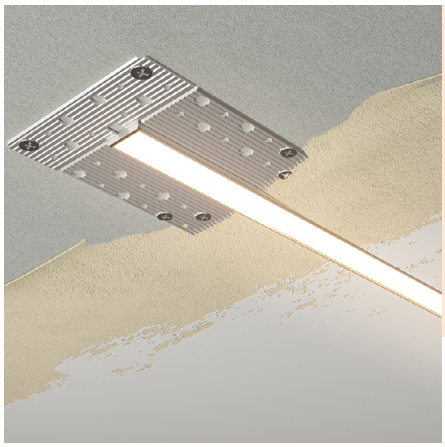
Project Name:

Project Location:

Fixture Type:

SKUs:

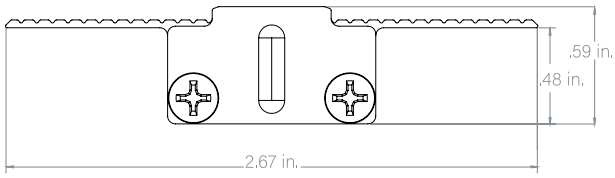
A compact mud-in luminaire engineered for seamless, trimless integration into drywall ceilings or walls. With precision linear optics and an ultra-minimal profile, Velino.0 Recessed Mud-In delivers smooth, uniform illumination that becomes part of the architecture. Its concealed flange-less design provides a clean, uninterrupted plane ideal for modern interiors.



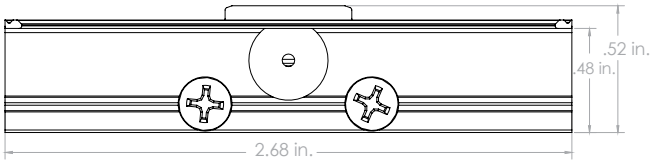
Features & Benefits

- Trimless mud-in recessed design for seamless architectural integration
- Linear optic and diffuser options for precise, comfortable illumination, and glare control
- Ultra-compact profile ideal for clean, modern ceiling or wall applications
- 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 or matte black
- 24V DC operation; compatible with Triac, DALI, ELV, 0-10V, DMX, Casambi, and Silvair 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



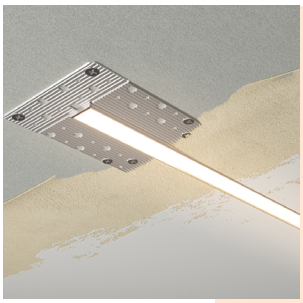
Fixture Cross Section
for Recessed Optics

OPTIQUE

Velino.0 Recessed

Mud-In - Linear Optics

Specification Submittal



Luminaire System Builder

Prefix	Location	Mount	Optics	Output	CCT	Finish	Length	Leads	Lead Length 1	Lead Length 2
OP-REC-V0	I	RM								

Linear Lighting

LDF
Polycarbonate Diffuser (Lambertian) - Flush

LDR *
Polycarbonate Diffuser (Lambertian) - Recessed

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

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

LAF +
Linear Optic Asymmetric - (Asymmetric beam for wall-wash and shelf lighting) - Flush

White Light

L1
100± lm/ft (1.0W)

L2
200± lm/ft (2.0W)

L3
300± lm/ft (3.1W)

L4
400± lm/ft (4.3W)

L6
600± lm/ft (6.6W)

L8
800± lm/ft (7.6W)

L10
1000± lm/ft (9.6W)

L12
1250± lm/ft (12.0W)

L15
1500± lm/ft (15.2W)

RGBW+

RGBW3
300± lm/ft (5.0W)

RGBW4
400± lm/ft (7.7W)

RGBW5
500+ lm/ft (10.2W)

Tunable

L2
200+ lm/ft (3.4W)

L5
500+ lm/ft (6.0W)

COB

RGBW
250+ lm/ft (4.9W)

RGBTW
350+ lm/ft (5.5W)

White Light

2200K
2400K
2700K
3000K
3500K
4000K
5000K

RGBW+

3000K

Tunable

30-18K
40-18K

RGBW

3000K

RGBTW

27-65K

ALU
Anodized Aluminum

GLW
Powder Coated Gloss White

ABL
Anodized Matte Black

RALXXXX
Specify Color

Luminaire lenghts for diffusers

XXX
Length in 1 in. increments

– The fixtures come in segments up to 100 in.

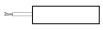
*Standard Fixture Lengths for Optics***

4ft

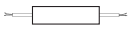
6ft

8ft

1LEAD
One lead



2LEAD
Two leads



XXX
1-120 in.

XXX
1-120 in.

** 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.*

+ LMF, LMR, and LAF optics are configured based on module lengths and may vary depending on fixture length and configuration.

***Standard fixture lengths: 2 ft, 4 ft, 6 ft, and 8 ft. Custom lengths available depending on product configuration.*
Length refers to luminaire length without endcaps. Optical modules and accessories may not align exactly with the final luminaire dimensions.
End caps add additional length to the overall fixture.

OPTIQUE

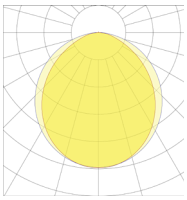
Velino.0 Recessed

Mud-In - Linear Optics

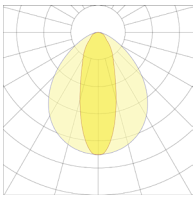
Specification Submittal

Linear Optics Options

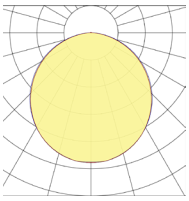
LDR
Polycarbonate Diffuser (Lambertian) - Recessed



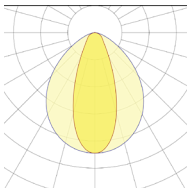
LMR
Linear Optic Medium - (~40° + 85° wide beam) - Recessed



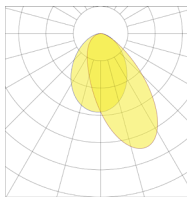
LDF
Polycarbonate Diffuser (Lambertian) - Flush

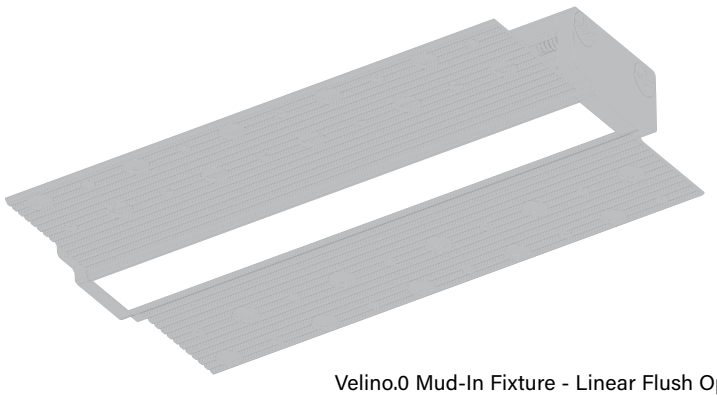


LMF
Linear Optic Medium - (~40° + 85° wide beam) - Flush



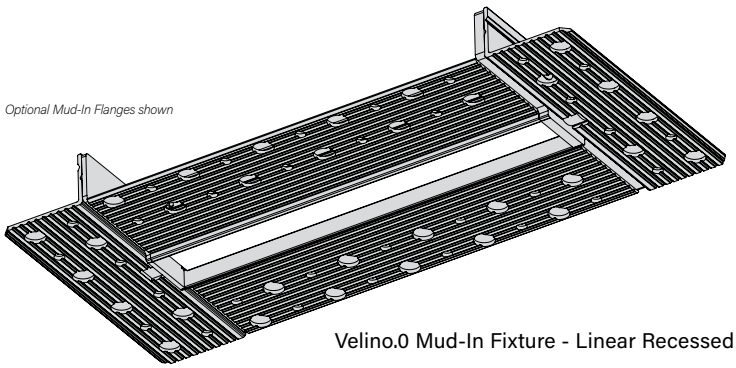
LAF
Linear Optic Asymmetric beam for wall-wash - Flush





Velino.0 Mud-In Fixture - Linear Flush Optics

Optional Mud-In Flanges shown



Velino.0 Mud-In Fixture - Linear Recessed Optics

OPTIQUE

Velino.0 Recessed

Mud-In - Linear Optics

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

OPTIQUE

Velino.0 Recessed

Mud-In - Linear Optics

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

OPTIQUE

Velino.0 Recessed

Mud-In - Linear Optics

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

OPTIQUE

Velino.0 Recessed

Mud-In - Linear Optics

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

OPTIQUE

Velino.0 Recessed

Mud-In - Linear Optics

Specification Submittal

LDD - Downlight Output

LDD = Linear Drop Diffuser

White Light

L-Level		**L1**	**L2**	**L3**	**L4**	**L6**	**L8**	**L10**	**L12**	**L15**
Lumens (per ft.)	**2200K**	62.05	130.93	188.01	278.74	438.01	515.63	632.85	780.86	934.04
	2400K	63.25	132.19	204.83	279.87	415.89	514.57	630.13	798.21	961.19
	2700K	69.54	157.95	244.30	327.95	494.44	601.32	730.40	790.46	1104.30
	3000K	72.65	151.59	236.82	325.70	475.43	623.51	783.44	962.25	1279.54
	3500K	77.09	158.34	247.68	346.16	510.00	603.58	698.87	916.75	1101.72
	4000K	79.14	164.37	249.87	344.50	517.48	637.15	808.34	989.74	1215.43
	5000K	79.21	166.69	250.33	348.54	518.34	651.99	790.46	992.32	1211.06
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**	193.38	275.80	348.70
Wattage (per ft.)		5.0	7.7	10.2

Tunable

Output (lm/ft)		**L2**	**L5**
Lumens (per ft.)	**40-18K & 30-18K**	201.67	349.6
Wattage (per ft.)		3.4	6.0

OPTIQUE

Velino.0 Recessed

Mud-In - Linear Optics

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

OPTIQUE

Velino.0 Recessed

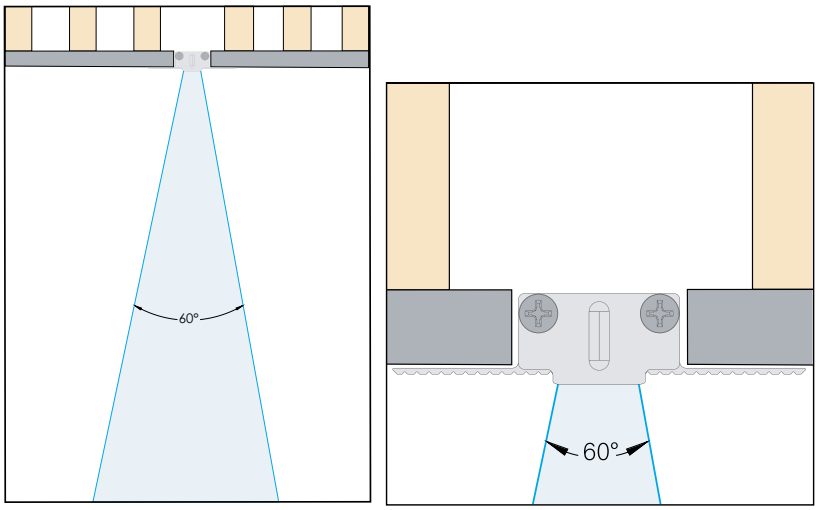
Mud-In - Linear Optics

Specification Submittal

Photometry

LIGHT DISTRIBUTION

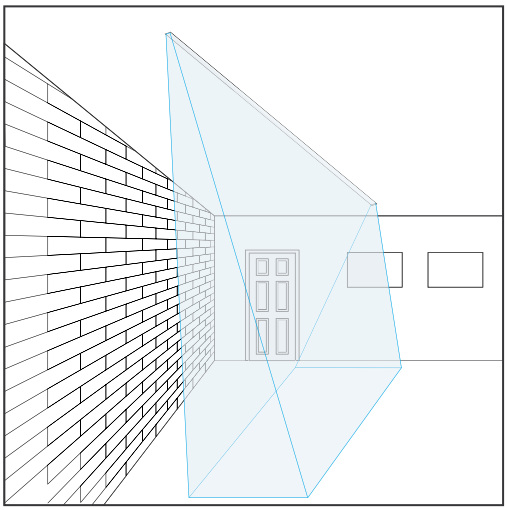
Velino.0 Recessed Mud-In - Linear Optics



Side view

LIGHT DISTRIBUTION

Velino.0 Recessed Mud-In - Linear Optics



Light spread representation

OPTIQUE

Velino.0 Recessed

Mud-In - Linear Optics

Specification Submittal

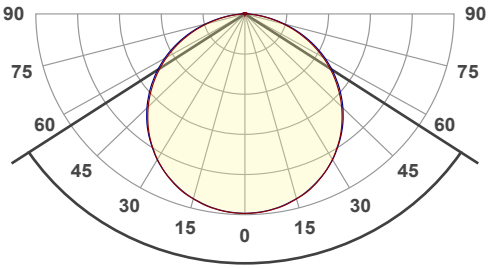
Photometry

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%

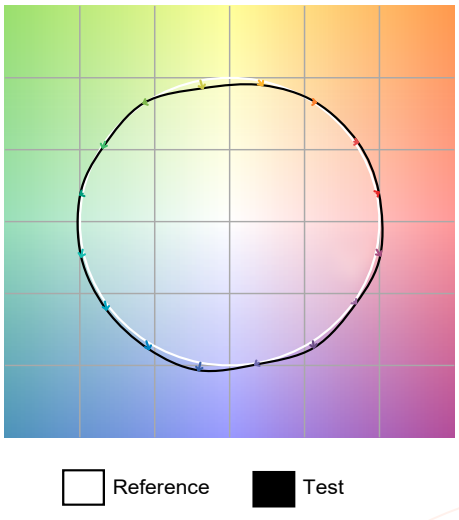
ANGULAR DISTRIBUTION



112.6°

COLOR VECTOR GRAPHIC

		Graphic shifts (%)	
Hue Bin	R_f	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%



OPTIQUE

Velino.0 Recessed

Mud-In - Linear Optics

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 H = mounting height above eye level		**Viewed Crosswise** (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

OPTIQUE

Velino.0 Recessed

Mud-In - Linear Optics

Specification Submittal

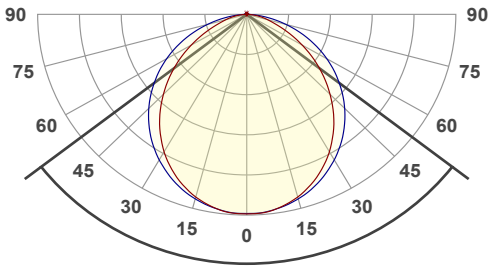
Photometry

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%

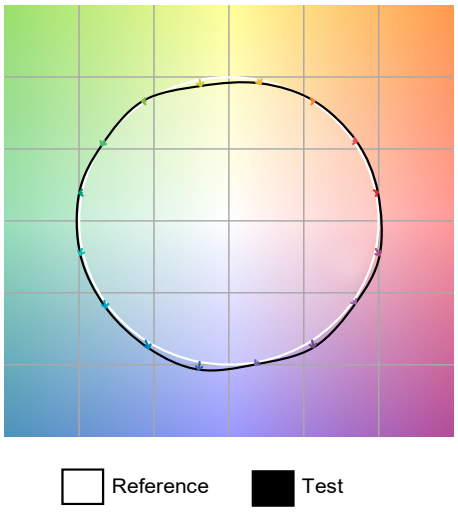
ANGULAR DISTRIBUTION



104.6°

COLOR VECTOR GRAPHIC

		Graphic shifts (%)	
Hue Bin	R_f	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%



OPTIQUE

Velino.0 Recessed

Mud-In - Linear Optics

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 H = mounting height above eye level		**Viewed Crosswise** (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

OPTIQUE

Velino.0 Recessed

Mud-In - Linear Optics

Specification Submittal

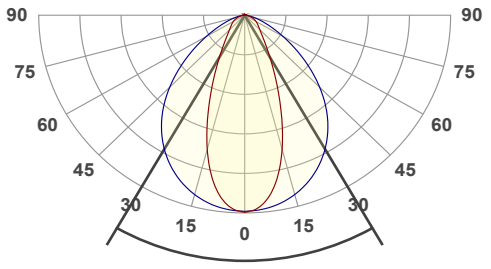
Photometry

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%

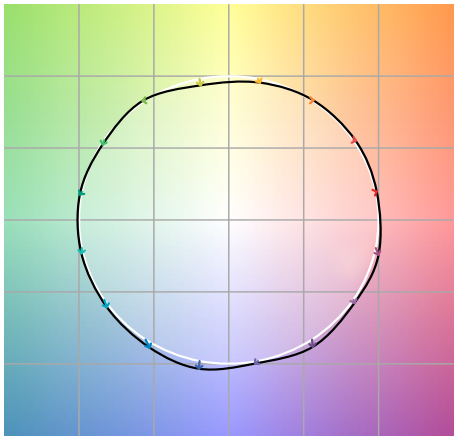
ANGULAR DISTRIBUTION



59.9°

COLOR VECTOR GRAPHIC

		Graphic shifts (%)	
Hue Bin	R_f	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%



OPTIQUE

Velino.0 Recessed

Mud-In - Linear Optics

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 H = mounting height above eye level		**Viewed Crosswise** (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

OPTIQUE

Velino.0 Recessed

Mud-In - Linear Optics

Specification Submittal

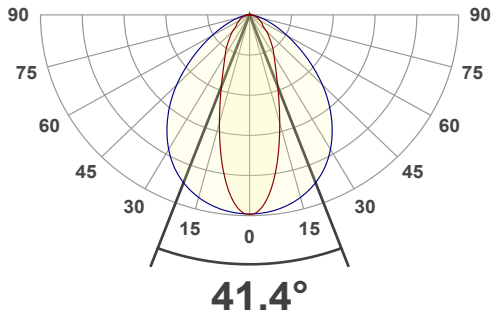
Photometry

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

LUMEN SUMMARY

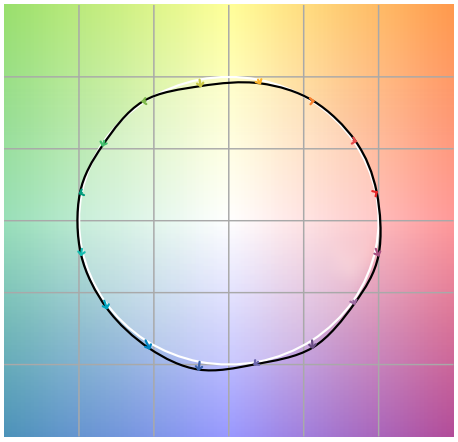
Zone	Lumens	% Fixture
75° – 90°	11.8 lm	2.10%
60° - 75°	49.3 lm	8.77%
45° - 60°	99.6 lm	17.72%
30° - 45°	148 lm	26.33%
15° - 30°	165 lm	29.36%
0° - 15°	85.7 lm	15.25%

ANGULAR DISTRIBUTION



COLOR VECTOR GRAPHIC

		Graphic shifts (%)	
Hue Bin	R_f	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%



OPTIQUE

Velino.0 Recessed

Mud-In - Linear Optics

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 H = mounting height above eye level		**Viewed Crosswise** (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

OPTIQUE

Velino.0 Recessed

Mud-In - Linear Optics

Specification Submittal

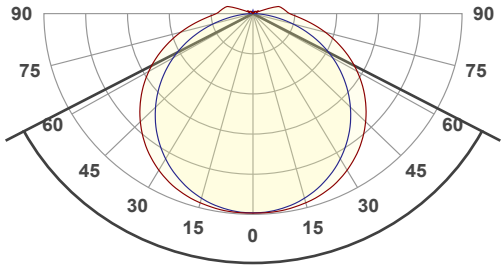
Photometry

LDD = Linear Drop Diffuser, L6 - 3500K

LUMEN SUMMARY

Zone	Lumens	% Fixture
75° – 90°	44.9 lm	8.81%
60° - 75°	89.7 lm	17.61%
45° - 60°	117 lm	22.97%
30° - 45°	115 lm	22.58%
15° - 30°	83.7 lm	16.43%
0° - 15°	30.4 lm	5.97%

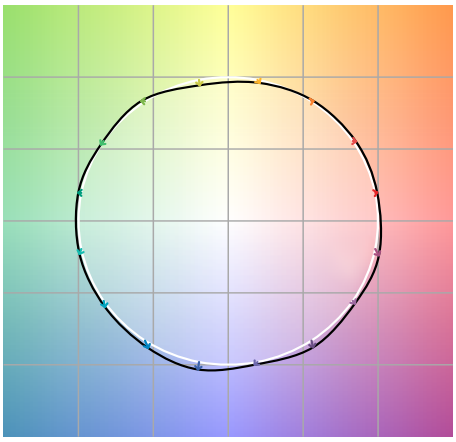
ANGULAR DISTRIBUTION 0 – 90°



123.7°

COLOR VECTOR GRAPHIC

		Graphic shifts (%)	
Hue Bin	R_f	Chroma	Hue
1	96	1%	0%
2	96	2%	-1%
3	95	1%	-1%
4	95	-2%	-2%
5	94	-4%	0%
6	96	2%	2%
7	94	0%	3%
8	96	2%	0%
9	95	2%	3%
10	94	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%



OPTIQUE

Velino.0 Recessed

Mud-In - Linear Optics

Specification Submittal

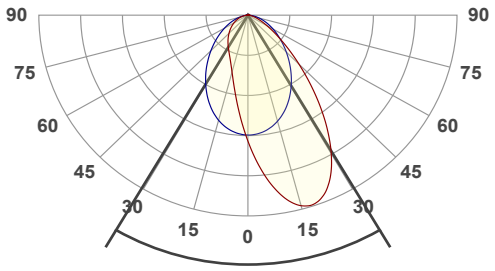
Photometry

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



61°

COLOR VECTOR GRAPHIC

		Graphic shifts (%)	
Hue Bin	R_f	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%