OPTIQUE

Velino.0 Air Duo

Suspended - Direct/Indirect - Linear Optics

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Suspended - Direct/Indirect Light - Linear Optics

Specification Submittal

Project Name:

Project Location:

Fixture Type:

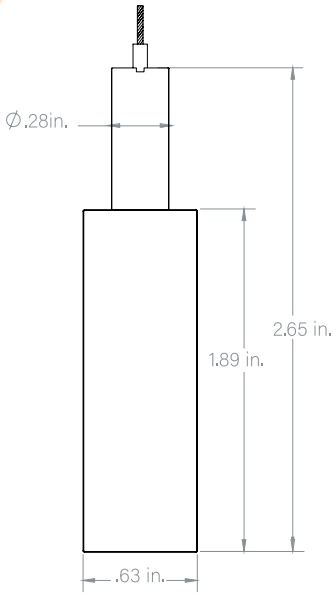
SKUs:

A suspended linear luminaire engineered for balanced direct and indirect illumination. Velino.0 Air Duo delivers clean, uniform direct lighting paired with soft, high-performance indirect light to enhance both task visibility and ambient brightness. Its discreet suspension system—offering ultra-thin power-over-cord or power-over-aircraft-cable—creates a nearly weightless floating appearance.

Features & Benefits

- Direct and indirect illumination for balanced, visually comfortable environments
- Indirect uplight softly brightens ceilings and improves spatial illumination
- Ergonomic linear indirect uplight with broad distribution offers excellent center-to-center spacing ratios for efficient space planning
- Discreet suspension systems with power-over-cord or power-over-aircraft-cable for elegant, streamlined power delivery
- Ultra-thin aircraft cables create an almost invisible floating effect for a refined architectural aesthetic
- Multiple canopy mounting options, including to drywall (with or without J-box), T-Grid tiles, and T-Grid beams, featuring 2.5 in. and 5 in. canopies
- Linear optic and diffuser options for precise, comfortable illumination
- 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, DALI, ELV, 0-10V, DMX, Casambi, and Silvair controls
- Factory-assembled for faster installation and cost-efficient shipping
- Superior color rendering
- High R9 and R13 values
- Complete UL Listed Luminaire

Fixture Dimensions



Fixture Cross Section

(844) 454-2910 | solutions@optique-lighting.com | optique-lighting.com

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Specification Submittal

Luminaire System Builder

Prefix	Location	Mount	Down Optics	Down Outputs	Down CCT	Up Optics	Up Outputs	Up CCT	Finish	Length
OP-SFU-V0	I	DUO								

Linear Lighting

LDD
Linear Drop Diffuser (Lambertian)

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
190+ lm/ft (5W)

RGBTW
500+ lm/ft (6.0W)

White Light

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

RGBW+

3000K

Tunable

30-18K
40-18K

RGBW

3000K

RGBTW

27-65K

Linear Lighting

LU
Linear Uplight Optic - Extra Wide Gullwing (~145° + 100° extra wide beam) - Flush

LD
Polycarbonate Diffuser (Lambertian)

NA
No Uplight

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)

NA
No Uplight

White Light

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

RGBW+

3000K

Tunable

30-18K
40-18K

RGBW

3000K

RGBTW

27-65K

NA
No Uplight

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

** 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.

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Specification Submittal

Canopy System Builder

Prefix	System Type	Canopy Geometry	Suspension Points	Suspension Distribution	Finish	Aircraft cable Drop Length	Cord Drop Length
CS		RND					
	POA Power Over Aircraft Cable **POC** Power Over Power Cord		**2P** Two suspension points **XP** Custom / Engineered Layout	**END** Suspension at ends **CUSTOM** As per drawing	**ALU** Anodized Aluminum **GLW** Powder Coated Gloss White **ABL** Anodized Matte Black **RALXXXX** Specify Color	**120*** Standard Length * 120 in standard. Field-cuttable for shorter drops.	**XXX*** 48-120 in. *This option is just for POC. **NA** Not Applicable

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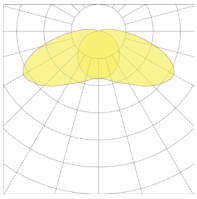
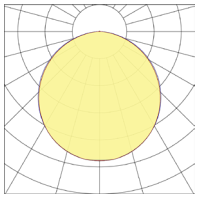
Specification Submittal

Linear Optics Options

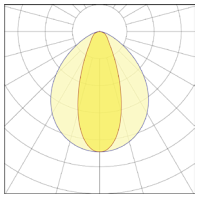
LU
Linear Uplight Optic - Extra Wide Gullwing (~145° + 100° extra wide beam) - Flush



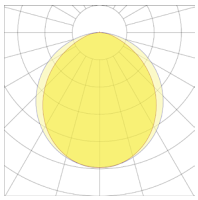
LDF
Polycarbonate Diffuser (Lambertian) - Flush



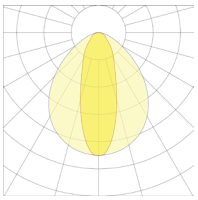
LMF
Linear Optic Medium - (~40° + 85° wide beam) - Flush



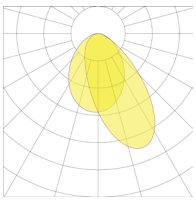
LDR
Polycarbonate Diffuser (Lambertian) - Recessed



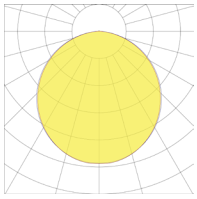
LMR
Linear Optic Medium - (~40° + 85° wide beam) - Recessed



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



LDD
Linear Drop Diffuser



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Suspended - Direct/Indirect Light - 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

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Velino.0 Air Duo

Suspended - Direct/Indirect Light - 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

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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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Suspended - Direct/Indirect Light - 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

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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

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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

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LU - Uplight Output

LU = Linear Uplight Optic (Extra Wide Beam)

White Light

L-Level		**L1**	**L2**	**L3**	**L4**	**L6**	**L8**	**L10**	**L12**	**L15**
Lumens (per ft.)	**2200K**	79.24	167.18	240.08	355.93	559.31	658.41	808.09	997.09	1192.69
	2400K	80.76	168.79	261.56	357.37	531.06	657.06	804.62	1019.25	1227.36
	2700K	88.79	201.68	311.96	418.76	631.35	767.84	932.65	1009.35	1410.10
	3000K	92.77	193.57	302.40	415.88	607.08	796.17	1000.39	1228.71	1633.86
	3500K	98.43	202.19	316.27	442.02	651.23	770.71	892.40	1170.62	1406.80
	4000K	101.05	209.89	319.06	439.90	660.78	813.59	1032.19	1263.81	1552.00
	5000K	101.14	212.85	319.65	445.06	661.88	832.53	1009.35	1267.10	1546.42
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**	194.2
Wattage (per ft.)		4.9

RGBTW

Output (lm/ft)		**RGBTW**
Lumens (per ft.)	**27-65K**	287.9
Wattage (per ft.)		5.5

Tunable White

Output (lm/ft)		**L2**	**L5**
Lumens (per ft.)	**40-18K & 30-18K**	249.5	432.6
Wattage (per ft.)		3.4	6

OPTIQUE

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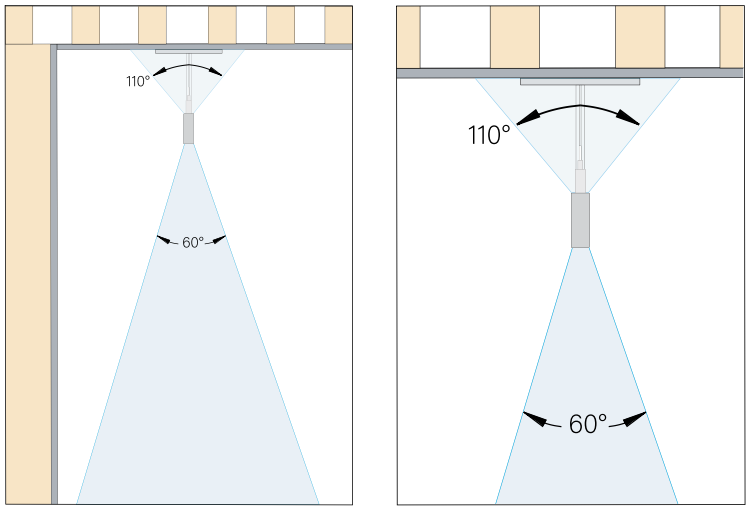
Suspended - Direct/Indirect Light - Linear Optics

Specification Submittal

✦ Photometry

LIGHT DISTRIBUTION

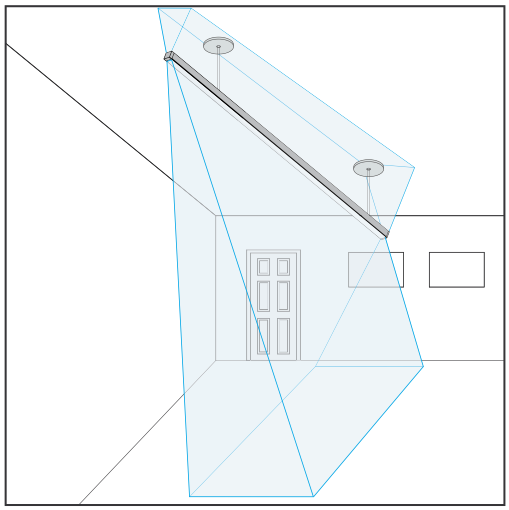
Velino.0 Suspended - Direct/Indirect Light - Linear Optics



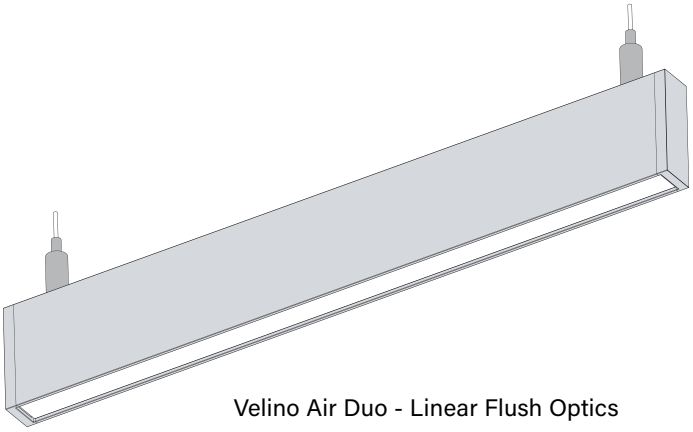
Side view

LIGHT DISTRIBUTION

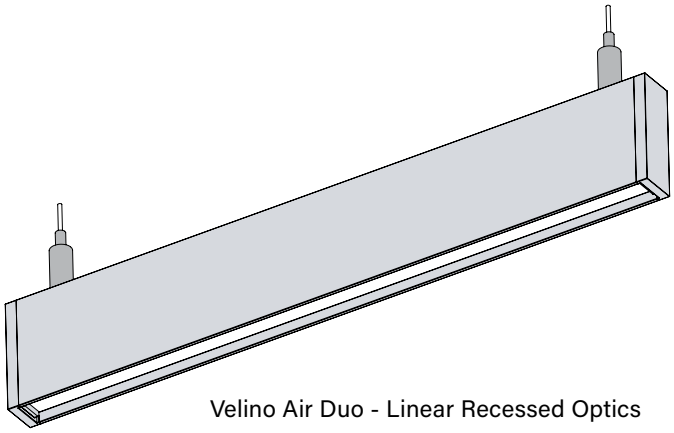
Velino.0 Suspended - Direct/Indirect Light - Linear Optics



Light spread representation



Velino Air Duo - Linear Flush Optics



Velino Air Duo - Linear Recessed Optics

OPTIQUE

Velino.0 Air Duo

Suspended - Direct/Indirect Light - Linear Optics

Specification Submittal

Photometry

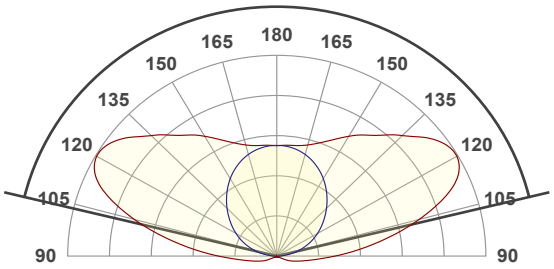
LU = Linear Uplight Optic (Extra Wide Beam), L6 -3500K

LUMEN SUMMARY

Zone	Lumens	% Fixture
90° – 105°	95.4 lm	14.45%
105° - 120°	163 lm	24.70%
120° - 135°	156 lm	23.64%
135° - 150°	112 lm	16.97%
150° - 165°	66.5 lm	10.08%
165° - 180°	22.4 lm	3.39%

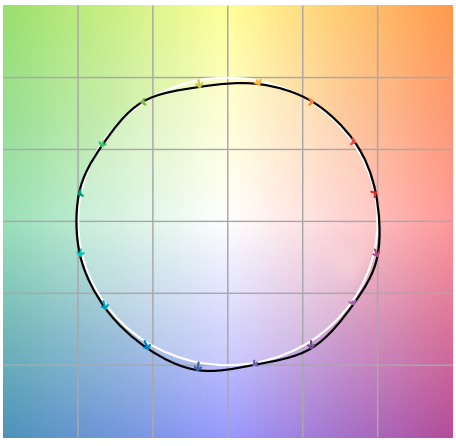
ANGULAR DISTRIBUTION

152.6°



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	91	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 Air Duo

Suspended - Direct/Indirect Light - Linear Optics

Specification Submittal

Photometry

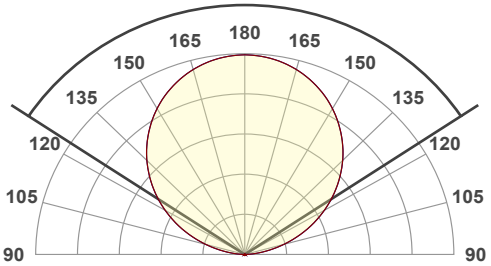
LD = Polycarbonate Diffuser, L1 - 3500K

LUMEN SUMMARY

Zone	Lumens	% Fixture
90° – 105°	3.65 lm	4.77%
105° - 120°	12.7 lm	16.60%
120° - 135°	19.1 lm	24.97%
135° - 150°	20.0 lm	26.14%
150° - 165°	15.0 lm	19.61%
165° - 180°	5.57 lm	7.28%

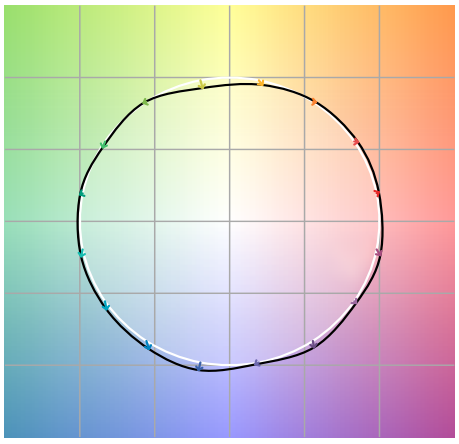
ANGULAR DISTRIBUTION

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%



Reference Test

OPTIQUE

Velino.0 Air Duo

Suspended - Direct/Indirect Light - Linear Optics

Specification Submittal

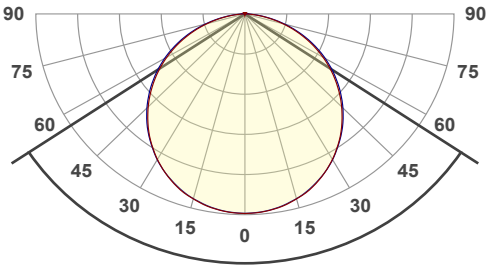
Photometry

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%

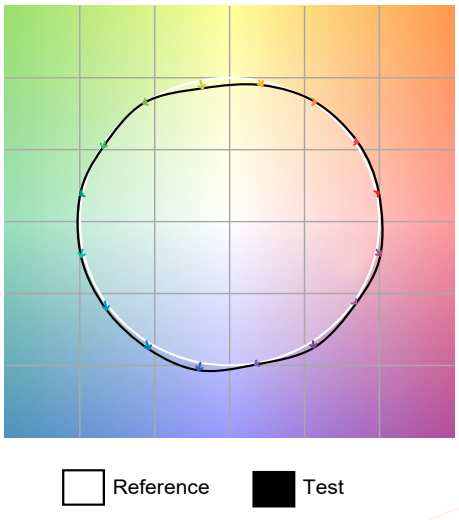
ANGULAR DISTRIBUTION



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 Air Duo

Suspended - Direct/Indirect Light - 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 Air Duo

Suspended - Direct/Indirect Light - Linear Optics

Specification Submittal

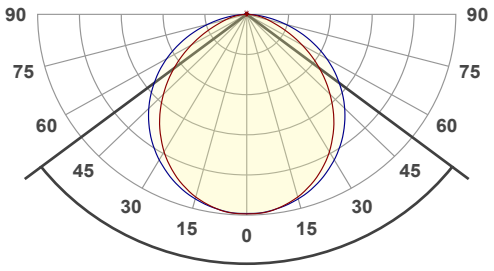
Photometry

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%

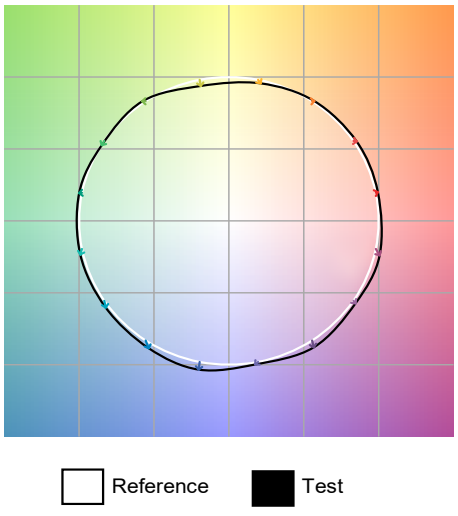
ANGULAR DISTRIBUTION



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 Air Duo

Suspended - Direct/Indirect Light - 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 Air Duo

Suspended - Direct/Indirect Light - Linear Optics

Specification Submittal

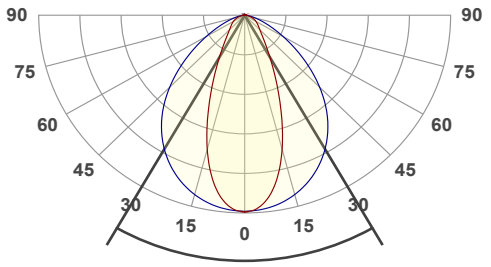
Photometry

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%

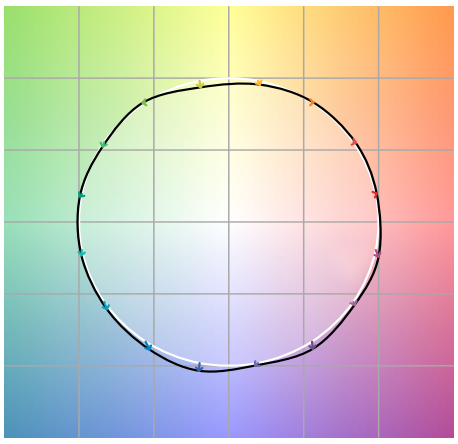
ANGULAR DISTRIBUTION



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 Air Duo

Suspended - Direct/Indirect Light - 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 Air Duo

Suspended - Direct/Indirect Light - Linear Optics

Specification Submittal

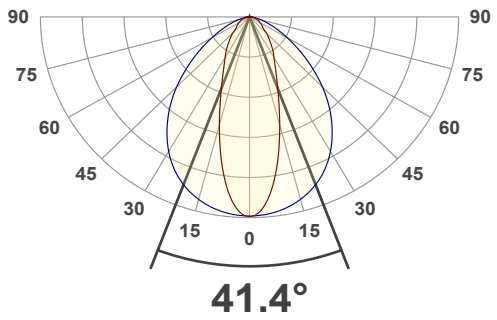
Photometry

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

LUMEN SUMMARY

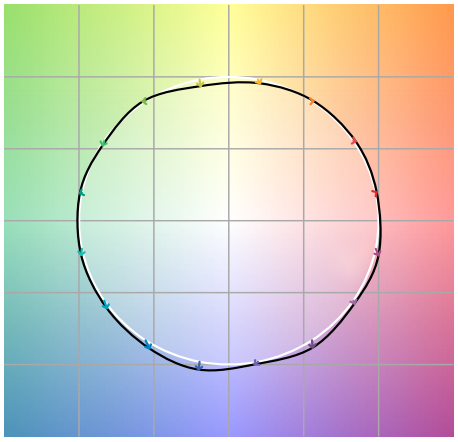
Zone	Lumens	% Fixture
75° – 90°	11.8 lm	2.10%
60° - 75°	49.3 lm	8.77%
45° - 60°	99.6 lm	17.72%
30° - 45°	148 lm	26.33%
15° - 30°	165 lm	29.36%
0° - 15°	85.7 lm	15.25%

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 Air Duo

Suspended - Direct/Indirect Light - 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 Air Duo

Suspended - Direct/Indirect Light - Linear Optics

Specification Submittal

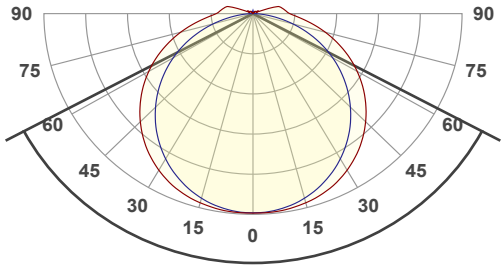
Photometry

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%

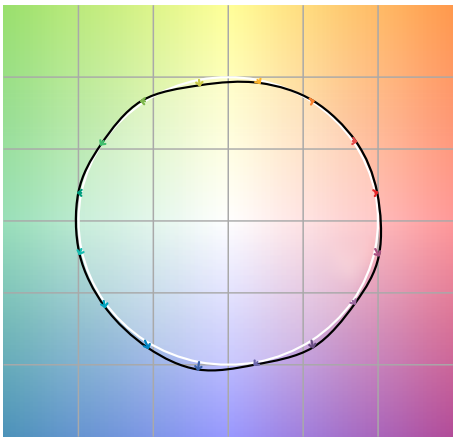
ANGULAR DISTRIBUTION 0 – 90°



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%



Reference Test

OPTIQUE

Velino.0 Air Duo

Suspended - Direct/Indirect Light - Linear Optics

Specification Submittal

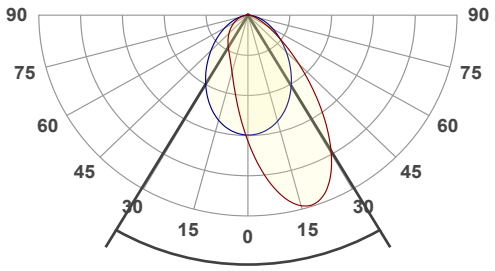
Photometry

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%