OPTIQUE

Velino.0 Air Duo

Suspended - Direct/Indirect - Dark Optics

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Specification Submittal

Project Name:

Project Location:

Fixture Type:

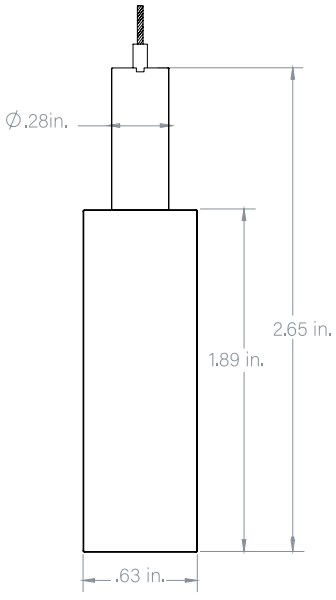
SKUs:

A suspended linear luminaire combining direct glare-free illumination with soft, diffused uplight for a balanced, comfortable lighting experience. Velino.0 Air Duo's advanced dark optics minimize visual brightness while delivering high-performance downlighting. Its discreet suspension options—power-over-cord or power-over-aircraft-cable—enable an exceptionally clean floating aesthetic.

Features & Benefits

- Direct and indirect illumination for balanced, visually comfortable environments
- Dark optics provide clean, glare-free downlight with concealed light sources
- Indirect uplight softly brightens ceilings and improves spatial illumination
- Ergonomic linear 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 2.375 in. and 5 in. canopies
- Available up to 8 ft. Custom lengths upon request.
- Finished in anodized aluminum, anodized 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 CRI 95+
- 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								

*Dark Optics**

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

DW
Dark Optic Wide - (~60° wide beam)

White Light

L7
700± lm/ft (4W)

L10
1000± lm/ft (6W)

White Light

2700K
3000K
3500K
4000K

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)

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)

White Light

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

RGBW+

3000K

Tunable

30-18K
40-18K

NA
No Uplight

ALU
Anodized Aluminum

GLW
Powder Coated Gloss White

ABL
Anodized Matte Black

RALXXXX
Specify Color

*Standard Fixture Lengths***

XX
Length in 1 ft. increments

– The fixtures come in segments up to 8 ft.

XXX
Module-length multiples

**Dark optic modules are based on a fixed module length of 11.02" (280 mm).*

*** Standard fixtures are ordered in 1 ft increments and may include non-illuminated sections (covers). Custom configurations can be specified in module-length multiples for continuous runs.*

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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Canopy Suspension 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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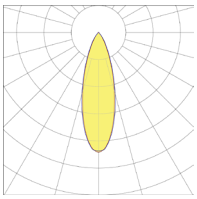
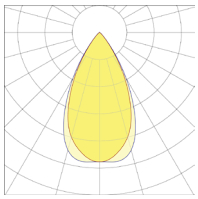
Specification Submittal

Downlight Dark Optics Options

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

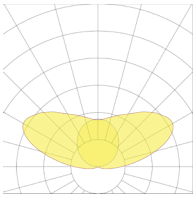


DW
Dark Optic "Wide" - (60° wide beam)

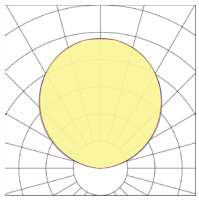


Uplight Linear Optics Options

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



LD
Polycarbonate Diffuser (Lambertian)



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Specification Submittal

DN - Downlight Output

DN = 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

Output (CD)		**L7**	**L10**
Candelas	**2700K**	1245.51	1751.73
	3000K	1340.11	1914.00
	3500K	1469.80	2095.69
	4000K	1520.55	2132.03
Wattage (per ft.)		4.36	6.52

**Maximum individual fixture per power feed.*

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Suspended - Direct/Indirect Light - Dark Optics

Specification Submittal

DW - Wide Downlight Output

DW = 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

Output (CD)		**L7**	**L10**
Candelas	**2700K**	544.47	765.77
	3000K	585.83	836.70
	3500K	642.52	916.12
	4000K	664.70	932.01
Wattage (per ft.)		4.36	6.52

**Maximum individual fixture per power feed.*

OPTIQUE

Velino.0 Air Duo

Suspended - Direct/Indirect Light - Dark Optics

Specification Submittal

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 (RLX 4.9 COB)

Output (lm/ft)		**RGBW**
Lumens (per ft.)	**3000K**	194.2
Wattage (per ft.)		5.0

RGBTW (RLX 5.5 COB)

Output (lm/ft)		**RGBTW**
Lumens (per ft.)	**27-65K**	287.9
Wattage (per ft.)		5.0

Tunable White

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

**Maximum individual fixture per power feed.*

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LD - Uplight Output

LD = Polycarbonate Diffuser

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

**Maximum individual fixture per power feed.*

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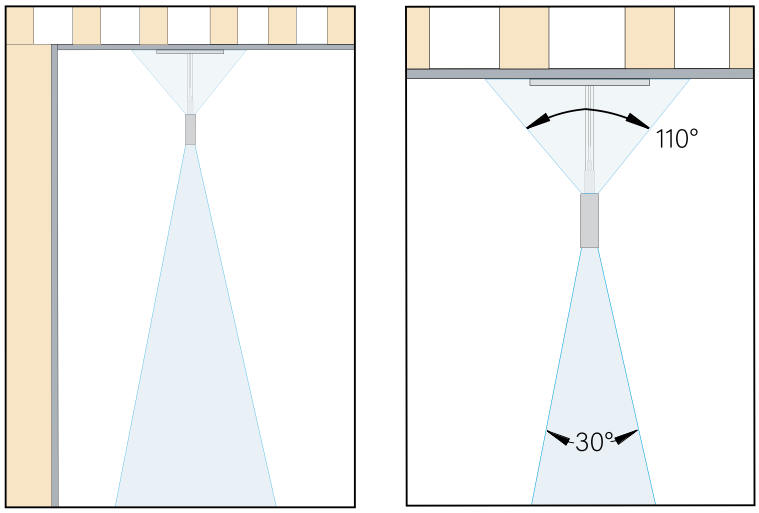
Specification Submittal

Photometry

LIGHT DISTRIBUTION

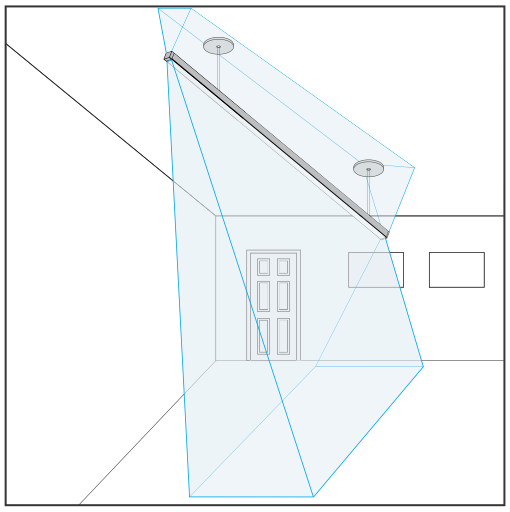
Velino.0 Suspended - Direct/Indirect Light - Dark Optics



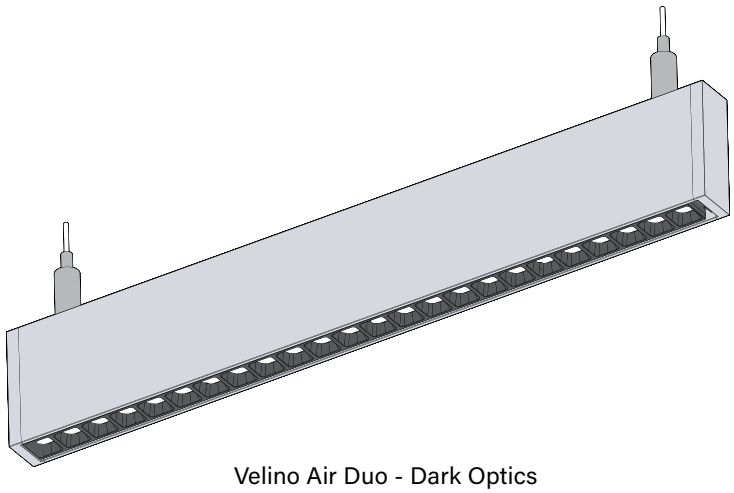
*Side view

LIGHT DISTRIBUTION

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



*Light spread representation



Velino Air Duo - Dark Optics

**Light distribution diagrams are simplified representations*

OPTIQUE

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Specification Submittal

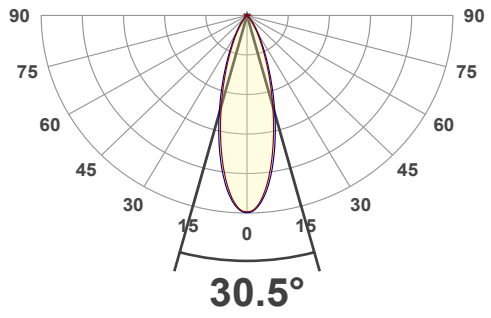
Photometry

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

LUMEN SUMMARY

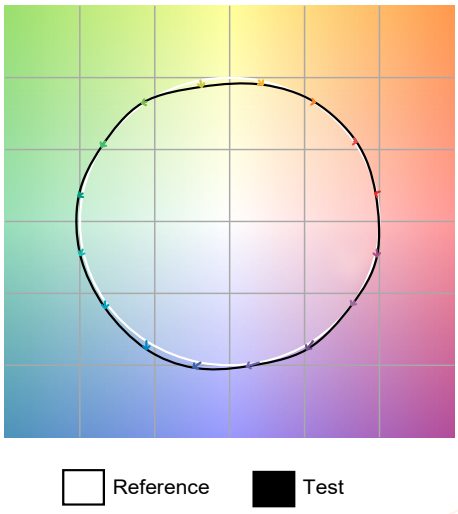
Zone	Lumens	% Fixture
75° – 90°	0.321 lm	0.04%
60° - 75°	1.91 lm	0.27%
45° - 60°	12.4 lm	1.73%
30° - 45°	95.2 lm	13.26%
15° - 30°	305 lm	42.48%
0° - 15°	299 lm	41.64%

ANGULAR DISTRIBUTION



COLOR VECTOR GRAPHIC

		Graphic shifts (%)	
Hue Bin	R_f	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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Specification Submittal

Photometry

DN = Dark Optic “Narrow”- (30° medium beam), L10 - 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	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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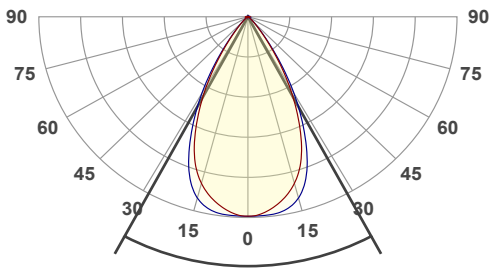
Photometry

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%

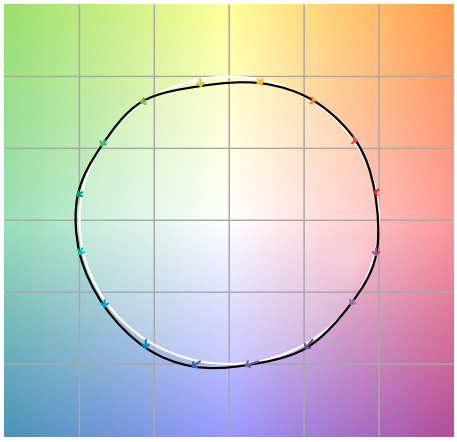
ANGULAR DISTRIBUTION



56.7°

COLOR VECTOR GRAPHIC

		Graphic shifts (%)	
Hue Bin	R_f	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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Photometry

DW = Dark Optic “Wide” - (60° wide beam), L10 - 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	13.6	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

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Photometry

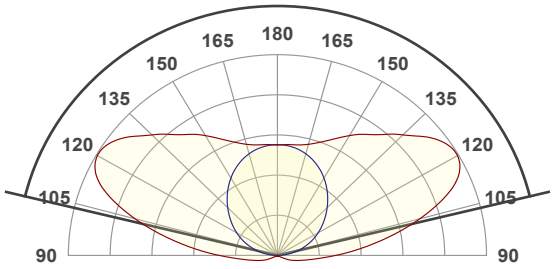
LU = Linear Uplight Optic (Extra Wide Beam), L6 - 3500K

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 (%)	
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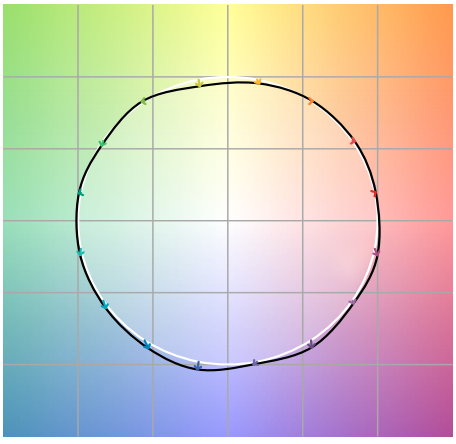
1	96	1%	0%
2	97	1%	-1%
3	96	1%	-1%
4	95	-2%	-2%
5	93	-5%	0%
6	96	1%	2%
7	94	-1%	3%
8	97	1%	1%
9	94	1%	4%
10	92	2%	5%
11	91	3%	5%
12	92	5%	0%
13	96	1%	-3%
14	93	4%	-2%
15	92	2%	-1%
16	91	3%	-4%



Reference Test

OPTIQUE

Velino.0 Air Duo

Suspended - Direct/Indirect Light - Dark Optics

Specification Submittal

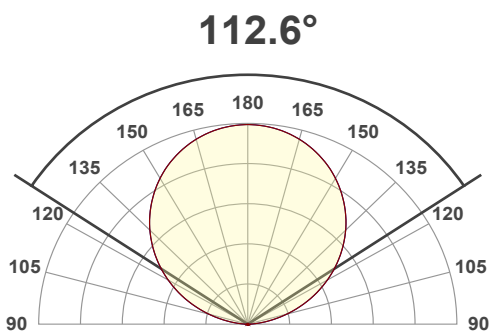
Photometry

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



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%