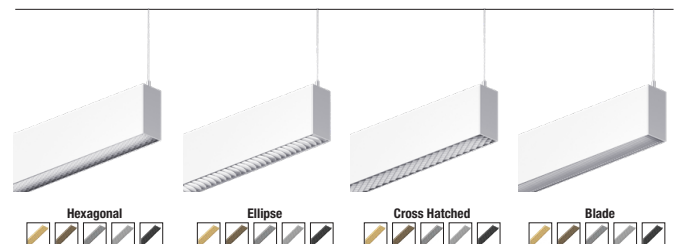




"Stanza" family consists of acoustic suspended linear fixtures. FLEX Acoustic LED Suspended Linear combines high-performance lighting with integrated acoustic functionality. Wrapped in sound-absorbing material, it delivers continuous, uniform, and glare-free illumination while helping to control reverberation in open-plan spaces. Fully illuminated corners and flexible shaping options allow you to design striking, seamless forms that enhance both the visual and acoustic comfort of corporate, educational, commercial, and retail environments.



OPTICS, PERFORMANCE, & OPTICAL ASSEMBLY

Constructed from durable 20-gauge aluminum with precision-mitered corners, the fixture is post-painted using a premium paint with 95% reflectivity. Its high-efficiency LED optical system delivers uniform, glare-free illumination through a high-quality acrylic lens, ensuring optimal light distribution and visual comfort. For assembly of wall wash distribution, reflectors are positioned at an angle.

A UGR (Unified Glare Rating) of less than 19 minimizes the effect of glare, enhancing well-being and reducing discomfort.

DISTRIBUTION PATTERNS & DIFFUSER

Available distributions include direct downlight and wall wash, with louver options in blade, ellipse, crosshatch, and hexagonal patterns — all engineered for zero light leakage.

Standard - A high-quality, smooth white frosted efficient acrylic lens is shipped standard for optimal distribution patterns, for most applications, and provides glare-free, even illumination.

Wall Wash - Provides uniform, vertical illumination from the ceiling down

CRM INSTALLATION

For continuous row mounting, the first luminaire in the row will always be the power supply feed. After plugging in the male and female harnesses, which are supplied with each luminaire, they will easily slide together, then secured with two screws from opposite directions in the connecting brackets.

CONSTRUCTION

One-piece rigid aluminum extrusion, made of T6063-T5 aluminum, with cast aluminum end caps. A precision cut, smooth white extruded frosted lens with snap in design attaches firmly into the grooves of the body and can be easily removed for access to the driver and LED boards.

ACOUSTIC MATERIAL - 9mm / 0.35" Thickness

Due to variations in production batches, slight color differences may occur in the acoustic material. While we strive for consistency, exact color matches cannot be guaranteed.

Our panels come in 4' x 8' and are made from 100% polyethylene terephthalate (PET), with 50% post-consumer recycled material. PET is a moisture resistant green product with no added chemicals, binders, adhesives or dyes.

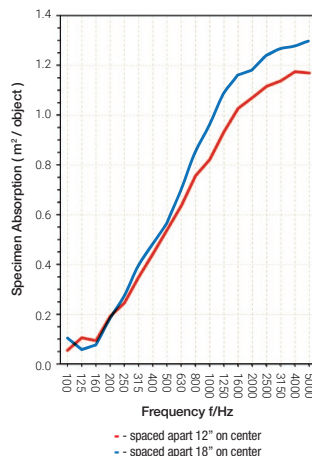
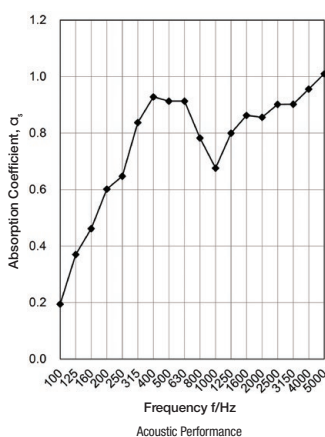
ACOUSTIC PANEL PERFORMANCE - 4' x 8' Panels (below, left)

Acoustic performance of specific fixture / product will greatly vary based on mounting, installation, and configuration in a space.

Noise Reduction Coefficient (NRC) - 0.75

Weighted Sound Absorption Coefficient - $\alpha_w = 0.85$

NRC is a widely used standard to test sound absorption for 2-dimensional objects. It is the average absorption coefficient obtained from four key 1/3 octave frequencies: 250, 500, 1000, 2000 Hz.



DRIVER ELECTRICAL INFORMATION

Powered by high-quality constant-current power LED drivers which are rated for 50 to 60Hz at 120-277V input, produce less than 20% THD, and have a power factor of .90 to 1.00. Male and female 18-gauge 6 wire plug connectors are included with every luminaire to allow for simple hassle-free continuous wiring, and each luminaire must be installed male to female.

LED DYNAMIC PLATFORM OPTIONS / TECHNOLOGY



TWH - Tunable White with Smart White



WDM - Dims to Warm with Smart Dimming



RGBW - RGB + White with Smart Hue

DIMMING & DRIVER INFORMATION

DIM10 - Flicker Free 1% Dimming Standard (DIM10) 0-10V dimming on either MVOLT 120, 277 or 347V.

LUTH - Lutron LDE1 Hi-Lume Eco System. 1% dimming with Soft in Fade to Black dimming technology

ELDO10.1-LIN - EldoLED SoloDrive 0-10V. Dimming down to 0.1%

DALI - DALI DT6, DT8 dimming down to 1%

ELDODMX - EldoLED PowerDrive dimming down to 0.1%

Please see EldoLED website for wiring diagrams and a list of compatible DMX and DALI control systems.

DIMTR - Triac & Electronic low voltage dimming. Available in 120V.

DIM10-0-OFF - Program DIM10 to OFF with linear dimming curve 0.1%

ELDO10-LOG - ELDO10-LOG with logarithmic dimming curve

POE - Power-over-Ethernet depending on the PoE manufacturer selected. The Node will be installed in factory as either integral to the luminaire or as a remote module.

BLE - Luminaires may be controlled, grouped, scheduled, or placed in scenes and or zones via Casambi Bluetooth 4.0 App

XSR - Xitanium SR Dimming

DIM10-AUX - 0-10V with auxiliary power.

SUPPORT CABLE / FEED

Standard suspension is conductive feed/suspension cable. The adjustable power cable comes in a standard 10' length. A 5-conductor cable is standard or a 6-conductor cable for emergency power. Field adjustable length. Max. support every 8 feet. For longer cable, please consult factory.

LISTINGS

c-UL-us - Listed for protected damp locations, indoor use only.

UL Listed for Damp location.

FCC 15 - EMI / RFI emissions per FCC 47CFR part 15 at 120VAC or 277VAC

RoHS - Contains no mercury or lead and RoHS compliant

All LED luminaires are rated and tested to **LM-79** and **LM-80** standards by an independent laboratory.

Photometric testing completed in accordance with IES

LM-79 and **TM-30** standards with calculated Life Time: L70 at 200,000 hrs can be used for **State of California Title 24 high efficacy LED compliance**

DLC® - certified, Listed for DLC, California Title 24 compliant.

BAA - Buy American Act Compliant government procurement requirements under FAR, DFARS and DOT regulations.

Acoustic Portion: **ASTM-E84 Fire Rated**

WARRANTY

Five-year warranty for parts and components. (Labor not included)

MAINTENANCE

Acoustic material can be cleaned with a clean, soft, lint-free cloth or a vacuum.

OPTIONS

Available without a light source.

For just the acoustic sleeve, please consult factory.

SOUND ABSORPTION RESULTS (left)

Felt Fixtures, alternating with / without light fixtures (8 units total)

Example: OLS-D-STANZA-SOFT-2-S-6-8IN-500L-HP-HEX-GD-DIM10-MVOLT-35K-90-BK-GRN

OLS-D-STANZA-SOFT										
SERIES	STYLE	TREATMENT	WIDTH	SHAPE	LENGTH ⁵	HEIGHT	LUMENS PER FOOT	DISTRIBUTION	DIMMING	VOLTAGE
OLS-D-STANZA-SOFT SoftSense Suspended LED Linear	[BLANK] - Standard SQUARE - Square BLADE - Blade CUSHION - Cushion ⁷	[BLANK] - Standard TM-CARVE - Carve TM-STITCH - Stitch TM-SLAT - Slat TM-PEBBLE - Pebble	2 - 2.5" 4 - 4" Luminaire width	S - Single CR - Continuous Run any size up to 18" is a single unit	2 - 2' 4 - 4' 6 - 6' 8 - 8' XX - Custom ¹ unit: feet/inches / example: 12.6 x 137.6mm any size up to 18" is a single unit	5IN - 5" ⁷ 8IN - 8" 12IN - 12" 16IN - 16" XXIN - Custom ¹ unit: inches / example: 10in = 10 inches maximum is 5" 5.5" for "Custom"	500L - 500 Lumens 750L - 750 Lumens 1000L - 1000 Lumens 1250L - 1250 Lumens 1500L - 1500 Lumens 2000L - 2000 Lumens ³ 500L-HP - 500 Lumens ³ 750L-HP - 750 Lumens ³ 1000L-HP - 1000 Lumens ³ 1250L-HP - 1250 Lumens ³ 1500L-HP - 1500 Lumens ³ 2000L-HP - 2000 Lumens ³ NLS - No Light Source ² XXXL - Custom ¹ unit: Lumens per foot / example: 600K - 600 Lumens only available from 2500L - 15500L	[BLANK] - Standard WW - Wall Wash (Asymmetric) BW - Batwing (Symmetric) BLK - Black Design CVX - Convex Design CVXTF - Convex Flat Design DPL05 - 1/2" Drop Lens DPL1 - 1" Drop Lens DPL105 - 1.5" Drop Lens BLR - Blade Louver HEX - Hexagonal Louver CRL - Cross Hatched Louver ELS - Ellipse Louver	DIM10 - 0-10V Dimming LUTH - Lutron HiLum ELD010.1-LIN - EidoLED 0-10V DALI.1 - EidoLED DALI Type 8 ELDDOMX.1 - EidoLED DMX DIMTR - Triac & ELV ⁴ DIM10-0-OFF - Program DIM10 to Off with linear dimming curve POE - Power Over Ethernet ELD010-LOG - EidoLED 0-10V with logarithmic dimming curve BLE - Wireless Bluetooth Control XSR - Xitanium SR Dimming DIM10-AUX - 0-10V with Auxiliary Power	MVOLT 120 277 347 ¹

¹ Consult Factory

² No Light Source, please skip to material color

³ High Performance only available with 3000K, 3500K, and 4000K

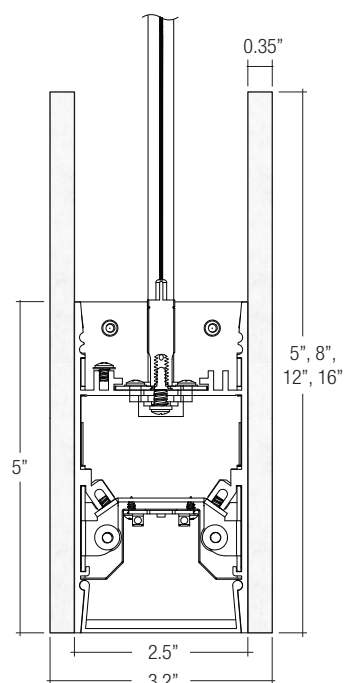
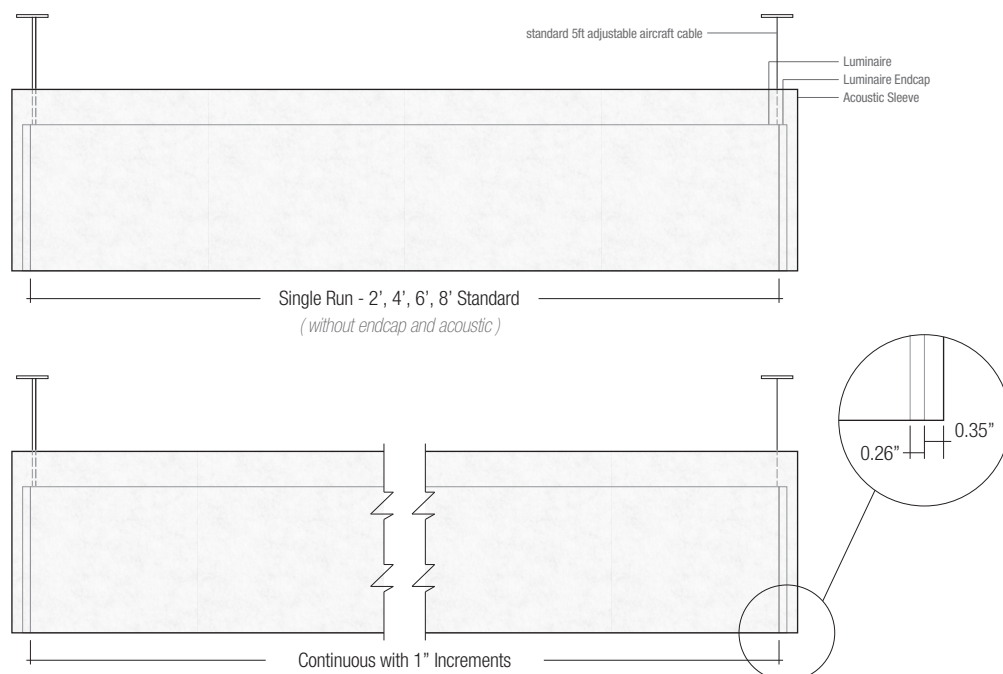
⁴ Available only in 120V

⁵ Length indicates fixture length without endcaps and acoustic wrapping

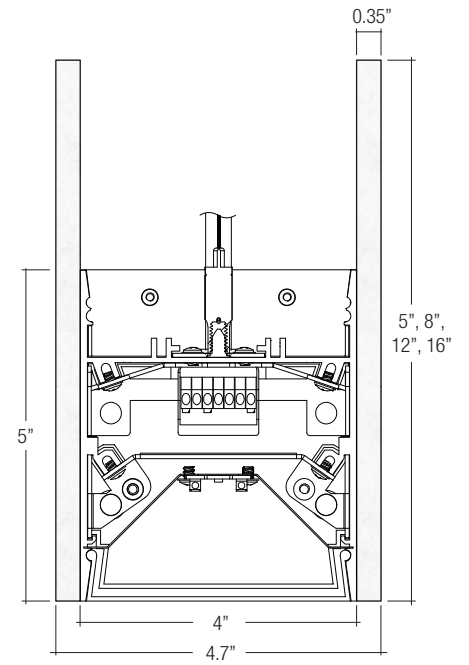
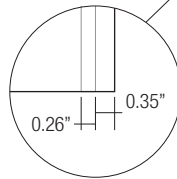
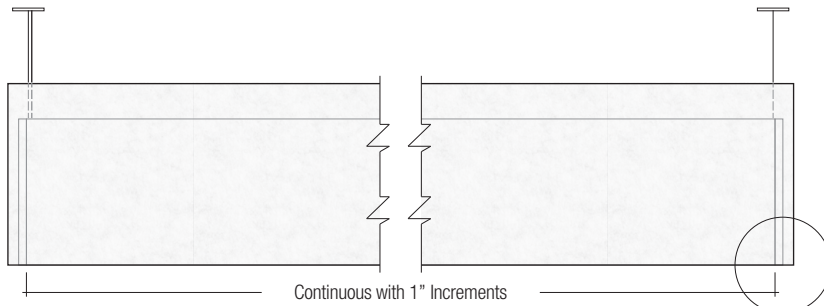
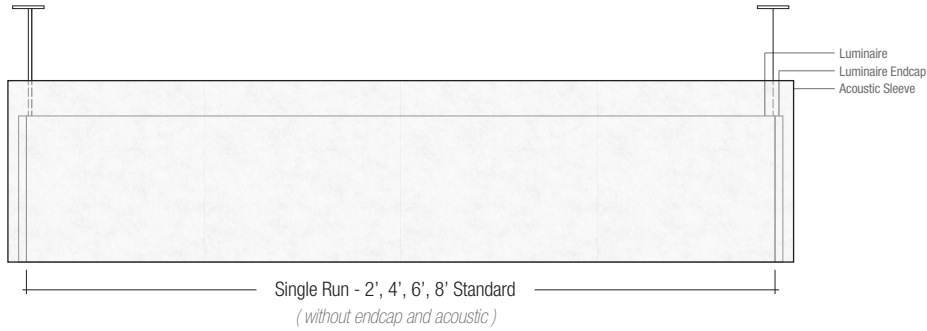
⁶ only available with 4 inch width option

⁷ Minimum Height: 5½ in. due to the unique design of the Cushion. Non-lit versions may be available in smaller sizes by special order. Consult the factory.

DIMENSIONS - OLS-D-STANZA-SOFT- 2 inch



DIMENSIONS - OLS-D-STANZA-SOFT- 4 inch



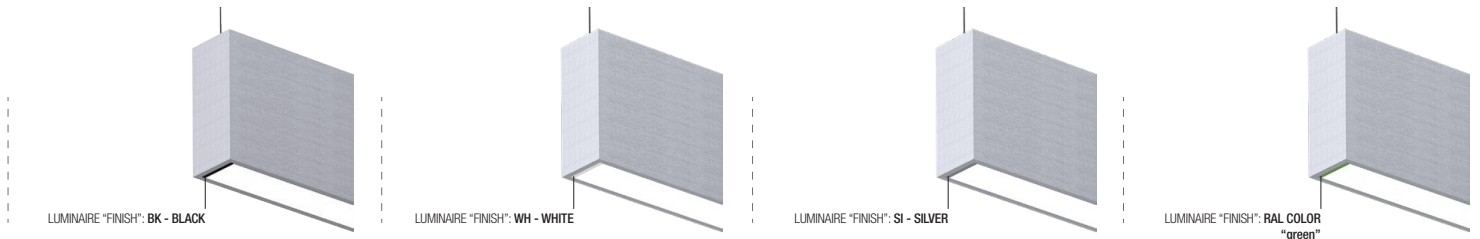
LUMEN DETAILS

Based on 4000K, 90+ CRI.
Actual wattage may vary +/- 5%

DIRECT HIGH PERFORMANCE	
LUMENS / FT	WATTS / FT
2000	14.1
1500	10.3
1250	8.5
1000	7.3
750	5.5
500	3.5

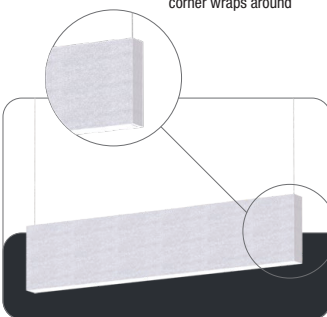
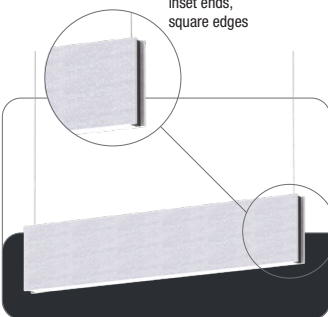
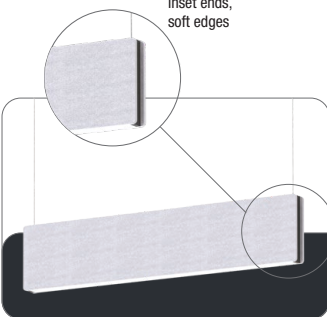
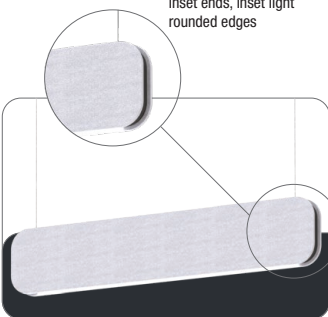
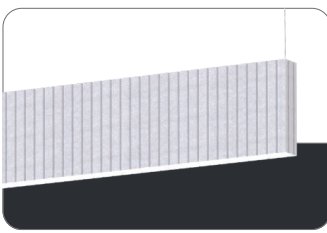
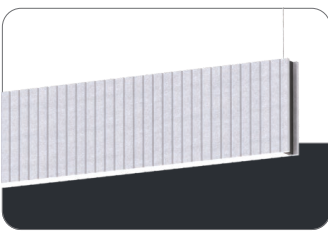
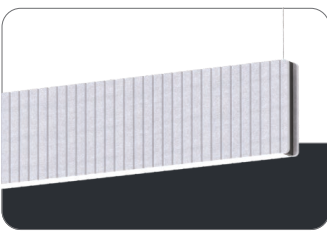
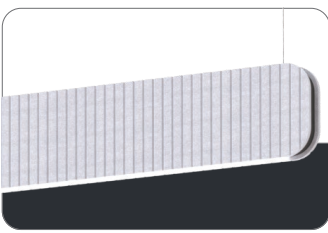
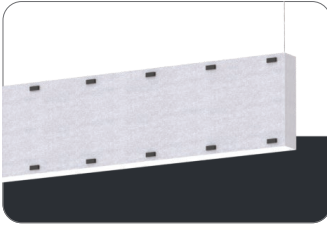
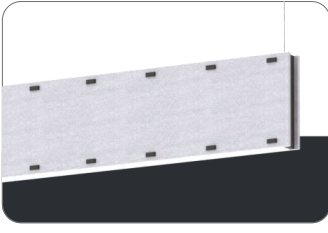
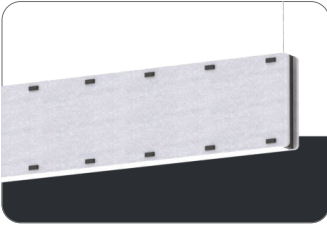
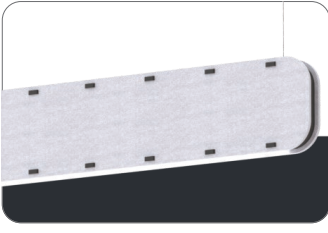
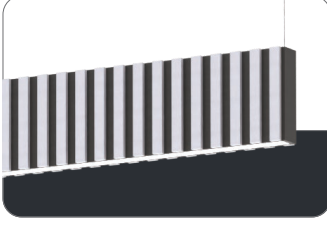
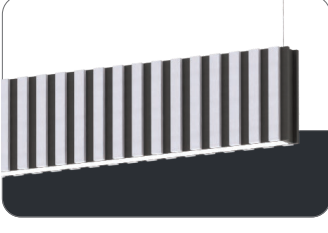
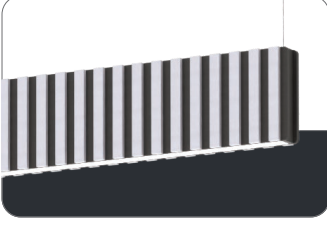
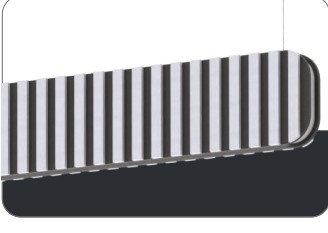
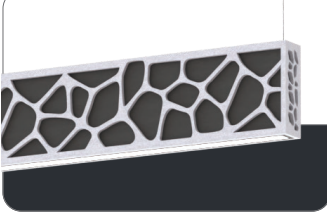
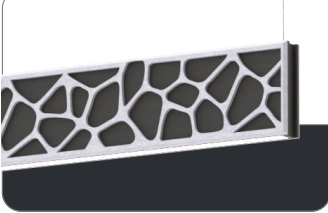
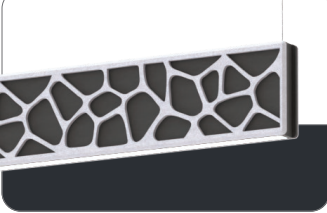
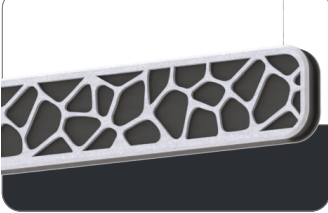
DIRECT STANDARD	
LUMENS / FT	WATTS / FT
2000	17.5
1500	12.7
1250	10.5
1000	8.2
750	6.5
500	4.5

FIXTURE FINISH EXAMPLES

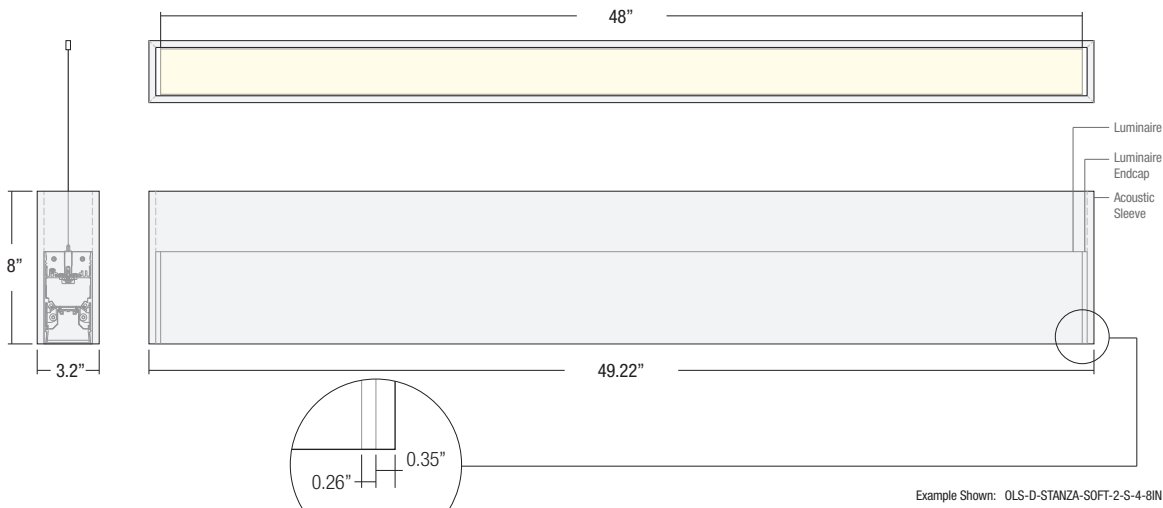


STYLE AND TREATMENT VARIATIONS

ACOUSTIC STYLE

	STANDARD	SQUARE	BLADE	CUSHION
STANDARD				
CARVE				
STITCH				
SLAT				
PEBBLE				

DIMENSIONS - STANDARD with Light

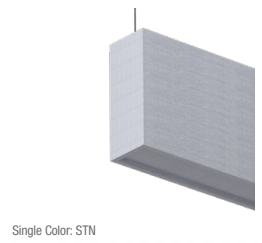
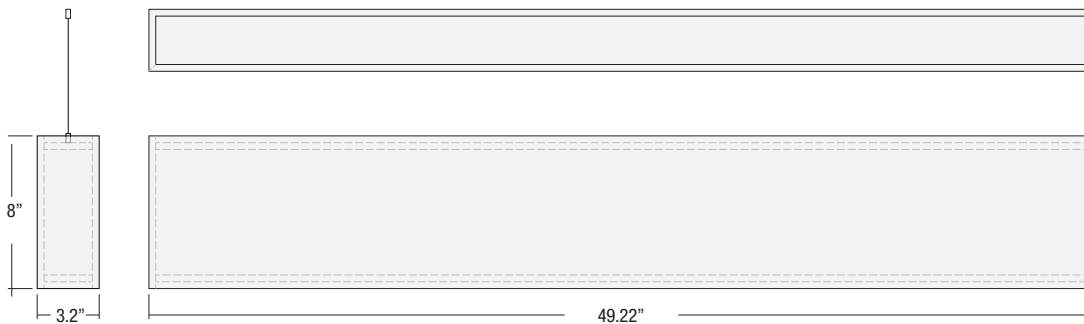


Example Shown: OLS-D-STANZA-SOFT-2-S-4-8IN

Dual Color: ---

DIMENSIONS - STANDARD with No Light Source - Standard Color Panels

- blank acoustic block linear sized to match OLS

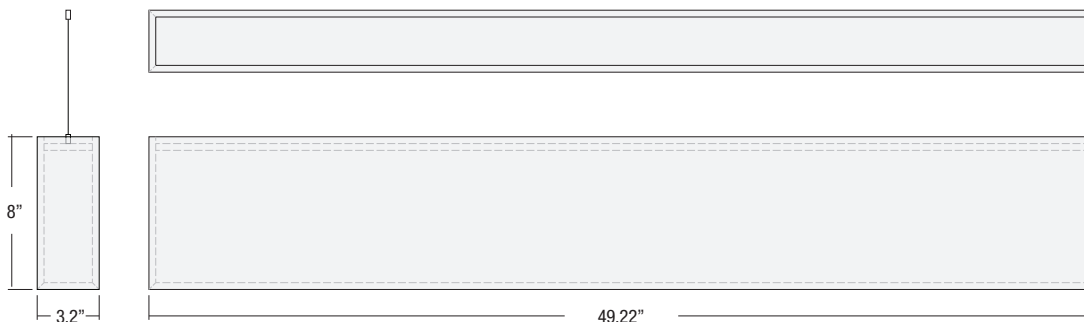


Example Shown: OLS-D-STANZA-SOFT-2-S-4-8IN-NLS

Dual Color: STN-GRV

DIMENSIONS - STANDARD with No Light Source - Printed Panels

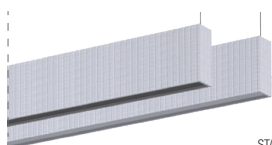
- blank acoustic block linear sized to match OLS



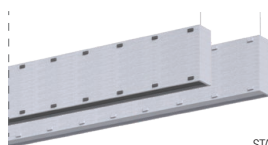
Example Shown: OLS-D-STANZA-SOFT-2-S-4-8IN-NLS

Dual Color: ---

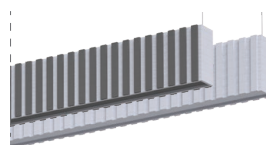
TREATMENTS - STANDARD with No Light Source - Single and Dual Color Examples Shown



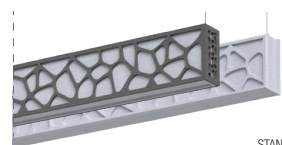
STANDARD - CARVE



STANDARD - STITCH

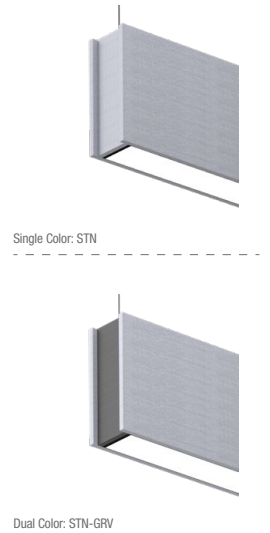
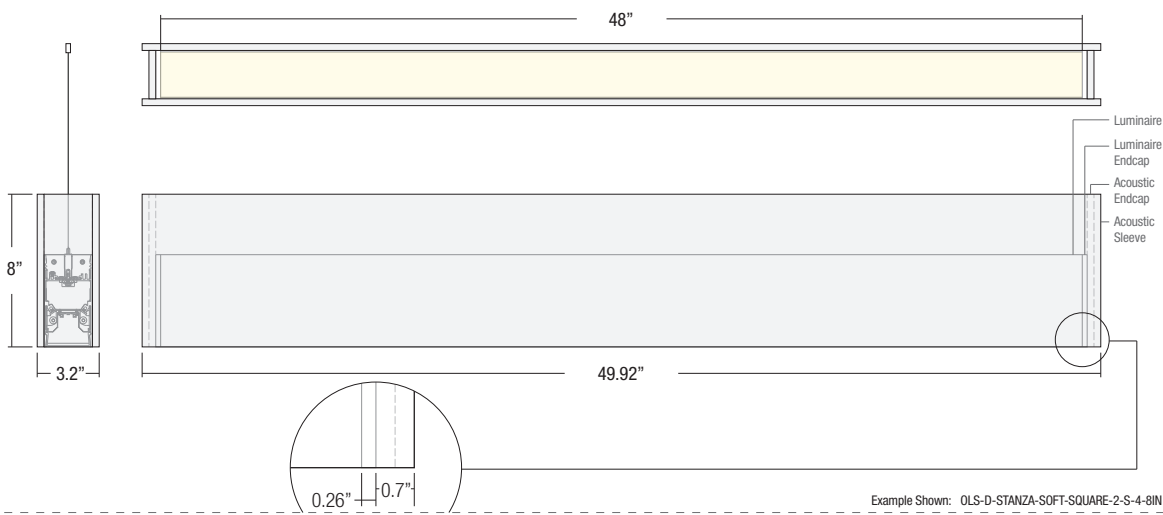


STANDARD - SLAT



STANDARD - PEBBLE

DIMENSIONS - SQUARE with Light

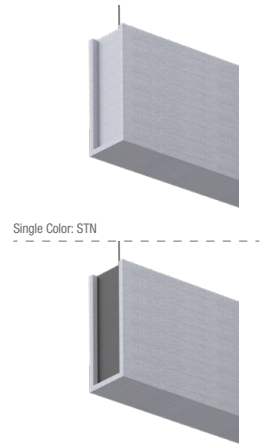
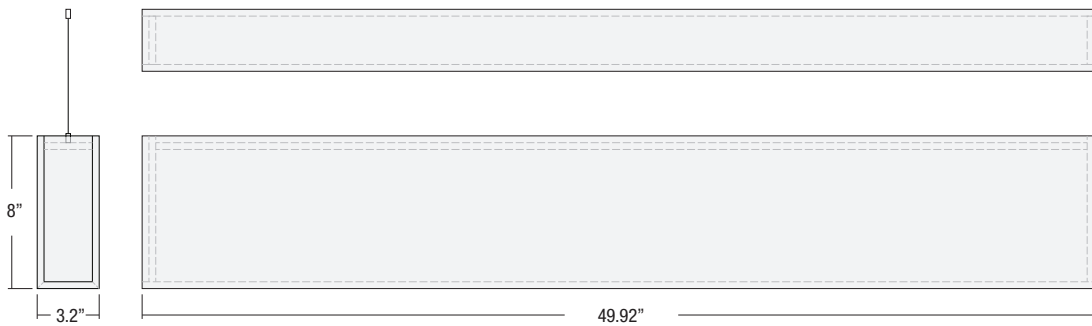


Example Shown: OLS-D-STANZA-SOFT-SQUARE-2-S-4-8IN

Dual Color: STN-GRV

DIMENSIONS - SQUARE with No Light Source - Standard Color Panels

- blank acoustic block linear sized to match OLS

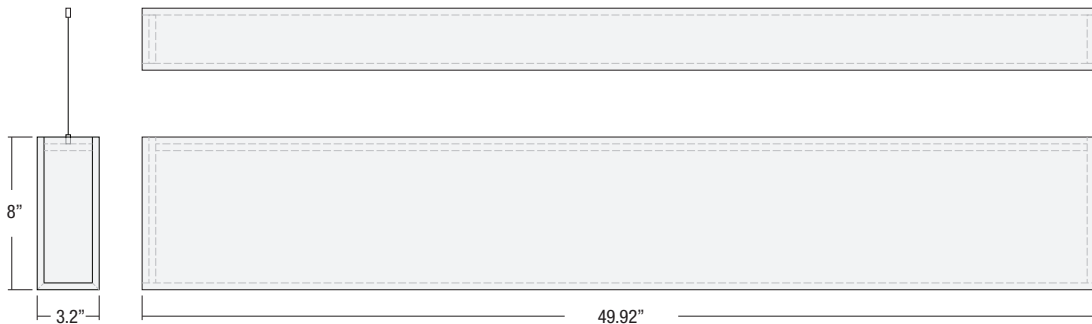


Example Shown: OLS-D-STANZA-SOFT-SQUARE-2-S-4-8IN-NLS

Dual Color: STN-GRV

DIMENSIONS - SQUARE with No Light Source - Printed Panels

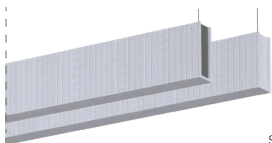
- blank acoustic block linear sized to match OLS



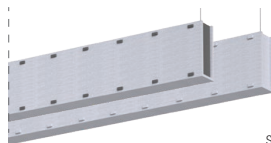
Example Shown: OLS-D-STANZA-SOFT-SQUARE-2-S-4-8IN-NLS

Dual Color: WD-DRF-ABS

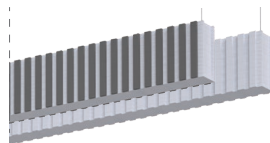
TREATMENTS - STANDARD with No Light Source - Single and Dual Color Examples Shown



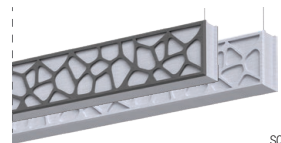
SQUARE - CARVE



SQUARE - STITCH

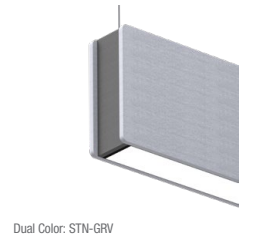
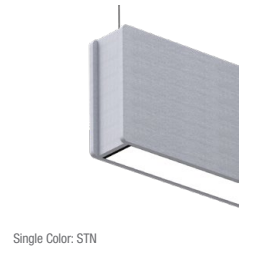
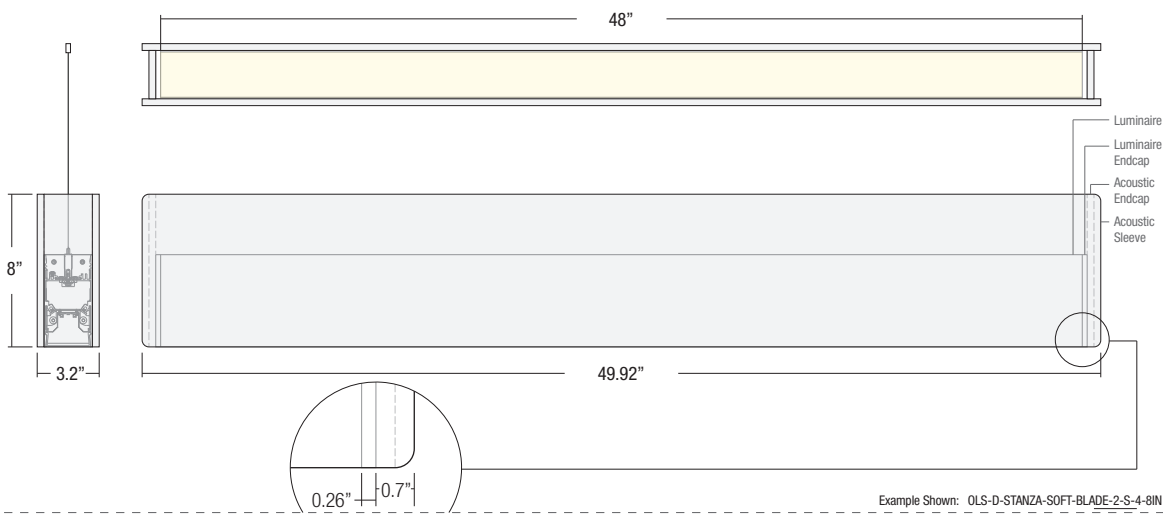


SQUARE - SLAT



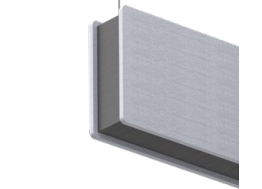
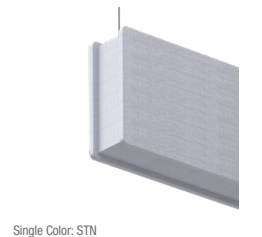
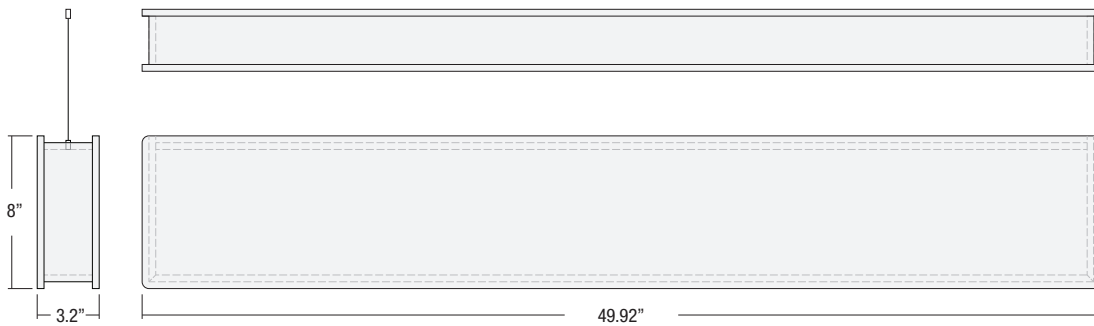
SQUARE - PEBBLE

DIMENSIONS - BLADE with Light



DIMENSIONS - BLADE with No Light Source - Standard Color Panels

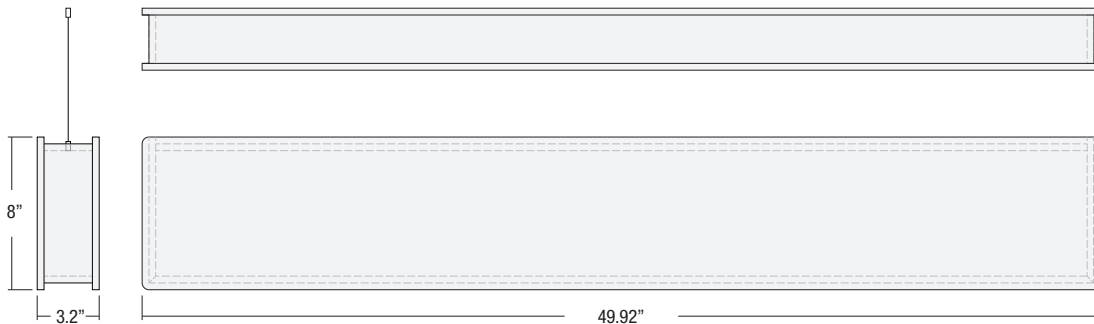
- blank acoustic block linear sized to match OLS



Example Shown: OLS-D-STANZA-SOFT-BLADE-2-S-4-8IN-NLS

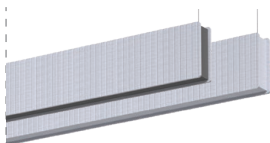
DIMENSIONS - BLADE with No Light Source - Printed Panels

- blank acoustic block linear sized to match OLS

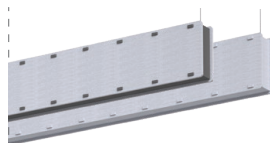


Example Shown: OLS-D-STANZA-SOFT-BLADE-2-S-4-8IN-NLS

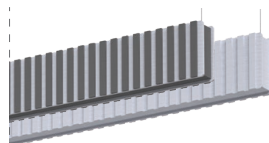
TREATMENTS - BLADE with No Light Source - Single and Dual Color Examples Shown



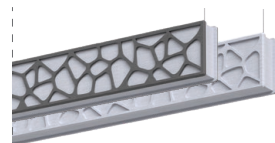
BLADE - CARVE



BLADE - STITCH

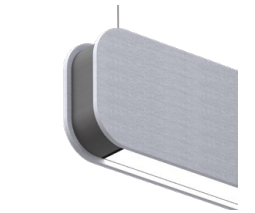
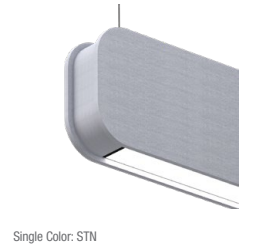
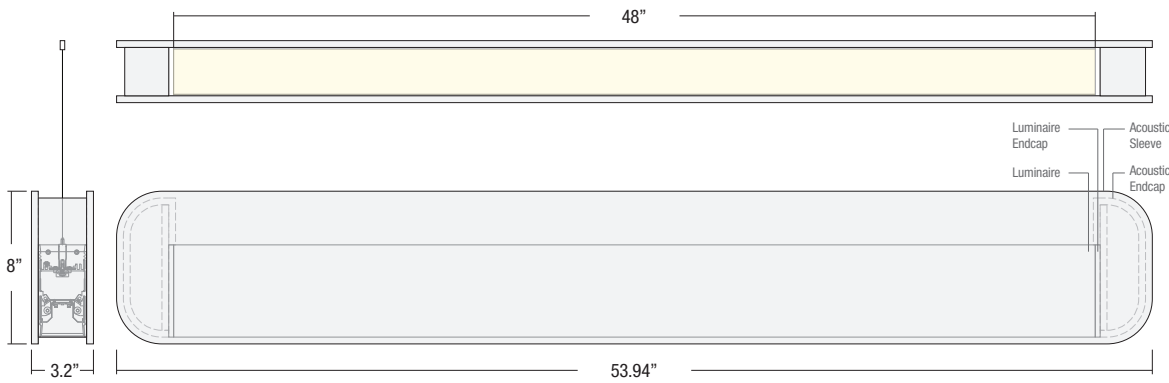


BLADE - SLAT



BLADE - PEBBLE

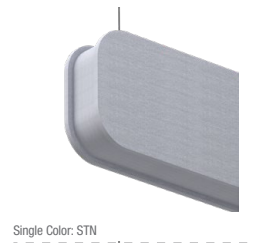
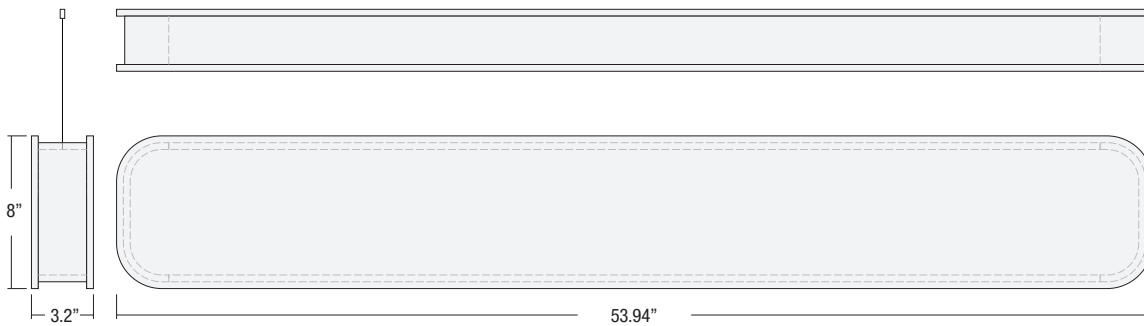
DIMENSIONS - CUSHION with Light



Example Shown: OLS-D-STANZA-SOFT-BLADE-2-S-4-8IN

DIMENSIONS - CUSHION with No Light Source - Standard Color Panels

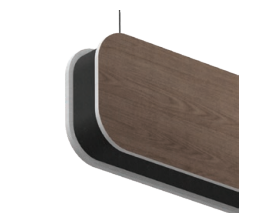
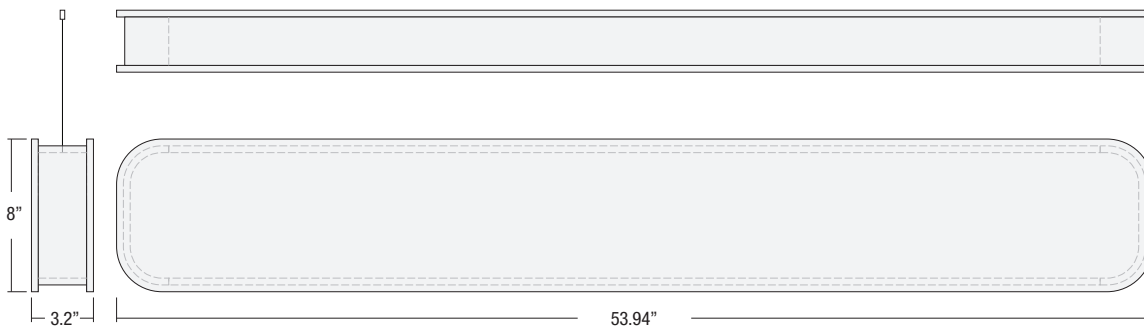
- blank acoustic block linear sized to match OLS



Example Shown: OLS-D-STANZA-SOFT-BLADE-2-S-4-8IN-NLS

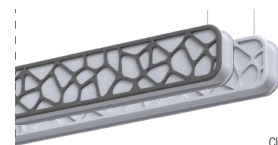
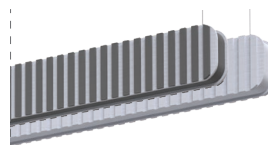
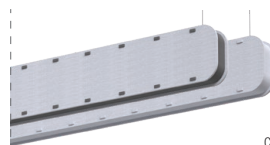
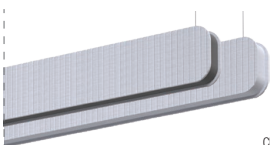
DIMENSIONS - CUSHION with No Light Source - Printed Panels

- blank acoustic block linear sized to match OLS

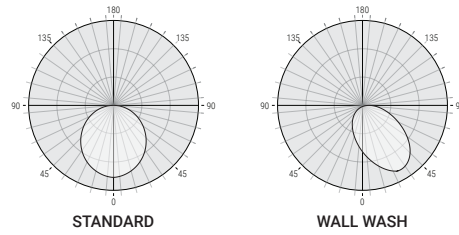


Example Shown: OLS-D-STANZA-SOFT-BLADE-2-S-4-8IN-NLS

TREATMENTS - CUSHION with No Light Source - Single and Dual Color Examples Shown

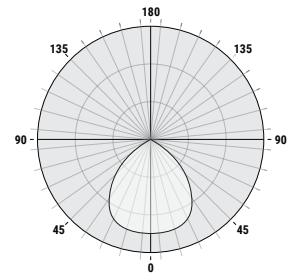
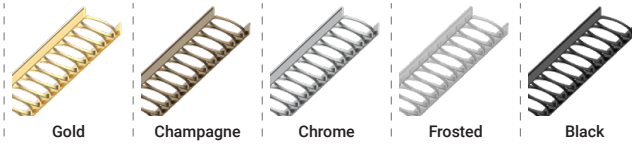
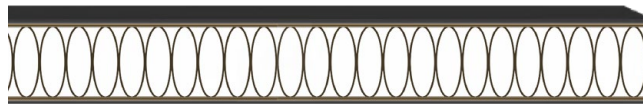
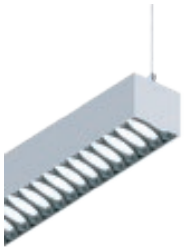


DIRECT DISTRIBUTION PATTERNS

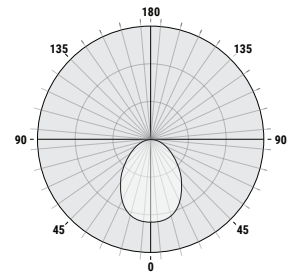
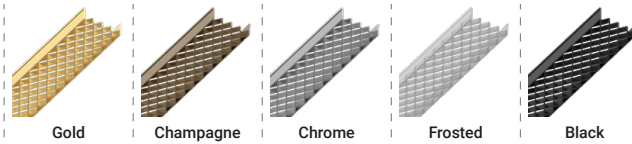
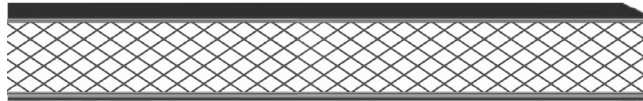


LOUVER OPTIONS

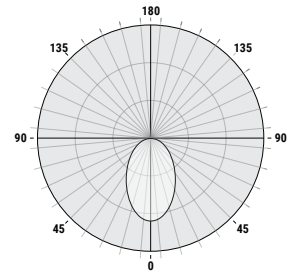
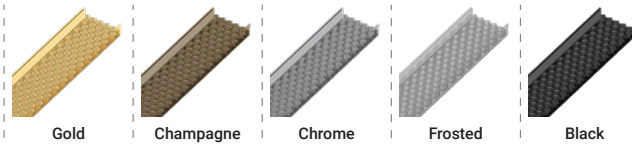
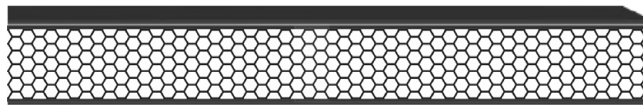
Ellipse Louver



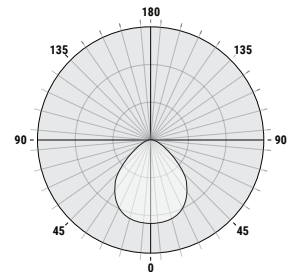
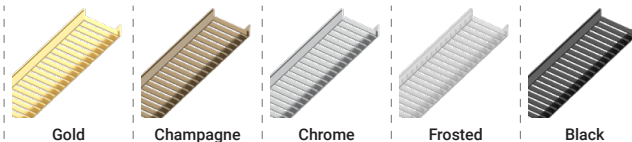
Cross Hatched Louver



Hexagonal Louver

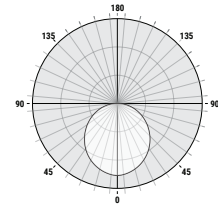
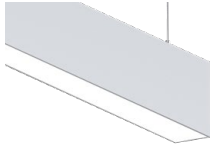


Blade Louver

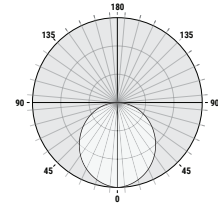
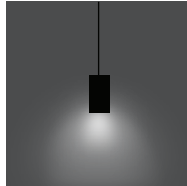


LENS OPTIONS

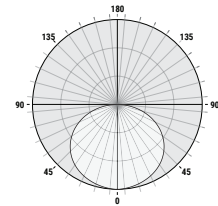
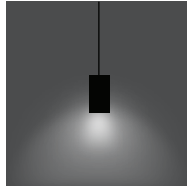
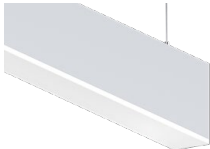
STANDARD - Flat Diffuse Lens



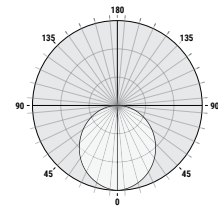
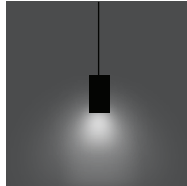
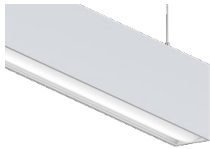
CVXFT - Convex Flat Design



BLK - Block Design

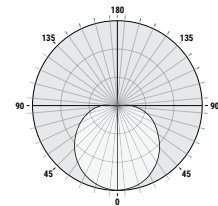
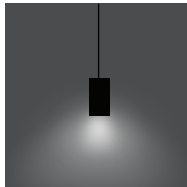
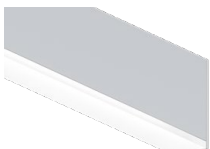


CVX - Convex Design

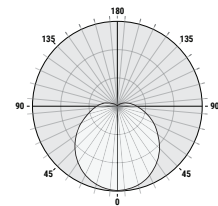
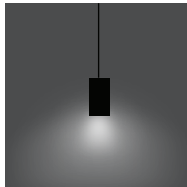


DROP LENS OPTIONS

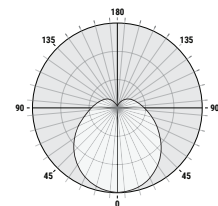
DPL05 - 1/2" Drop Lens



DPL1 - 1" Drop Lens



DPL105 - 1 1/2" Drop Lens



STANDARD COLORS

Panel Thickness: 9 mm / 0.35" (+/- 0.25 mm)



All panels ASTM E84-16 Fire Rated

STANDARD PRINTS

Panel Thickness: 8.5 mm / 0.34" (+/- 0.5 mm)



prints shown at 12% scale

Declare.
Label Pending



quick ship available for any color depending on order quantity
*all colors are ASTM E84-16 fire rated, select colors are available as Class A

*** OLS-D-LED-4-S-4-1500L-DIM10-MVOLT-40K-85**

TEST NO.: **EL03052606**

INPUT WATTS: **48.1**

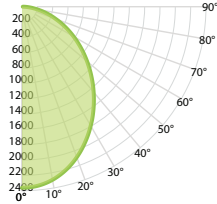
LUMENS: **5977**

EFFICACY: **124**

BEAM ANGLE: **96**

SPACING CRITERIA: **1.13**

CANDELA DISTRIBUTION



CANDELA TABLE

	0°	90°
0°	2362	2362
10°	2293	2300
20°	2089	2134
30°	1792	1883
40°	1454	1571
50°	1108	1226
60°	777	890
70°	469	539
80°	204	224
90°	11	4

LUMINANCE (cd/sq.m)

	0.00°	90.00°
0.00°	19258	19258
45.00°	14754	16149
55.00°	13357	14928
65.00°	11953	13754
75.00°	10478	11782
85.00°	9056	9714

LUMENS PER ZONE

ZONE	LUMENS
0° - 10°	224
10° - 20°	625
20° - 30°	915
30° - 40°	1054
40° - 50°	1039
50° - 60°	897
60° - 70°	665
70° - 80°	380
80° - 90°	118

ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LUMINAIRE
0° - 20°	850	14%
0° - 30°	1765	30%
0° - 40°	2818	47%
0° - 60°	4754	80%
0° - 80°	5799	97%
0° - 90°	5917	99%

CONE OF LIGHT

MOUNTING HEIGHT	FC AT BEAM CENTER	BEAM DIA. 0° -180°	BEAM DIA. 90° -270°
6.0 ft	65.6 fc	13.2 ft	15.2 ft
8.0 ft	36.9 fc	17.7 ft	20.3 ft
10.0 ft	23.6 fc	22.1 ft	25.4 ft
12.0 ft	16.4 fc	26.5 ft	30.5 ft
14.0 ft	12.0 fc	30.9 ft	35.6 ft
16.0 ft	9.2 fc	35.3 ft	40.6 ft
18.0 ft	7.3 fc	39.7 ft	45.7 ft
20.0 ft	5.9 fc	44.1 ft	50.8 ft

INDOOR COEFFICIENTS OF UTILIZATION

pw	70%			80%			70%			50%			30%			10%			0%		
	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	106	101	101	101	101	99	0%
1	109	104	100	96	106	102	98	94	97	94	91	93	91	88	89	87	85	85	83	83	0%
2	99	91	84	79	96	89	83	78	85	80	76	82	78	74	79	75	72	70	70	70	0%
3	91	80	72	66	88	79	71	65	75	69	64	73	67	63	70	65	62	59	59	59	0%
4	83	71	63	56	81	70	62	56	67	60	55	65	59	54	63	57	53	51	51	51	0%
5	77	64	55	49	74	63	54	48	61	53	48	58	52	47	57	51	46	44	44	44	0%
6	71	58	49	43	69	57	48	42	55	47	42	53	47	42	51	46	41	39	39	39	0%
7	66	53	44	38	64	52	43	38	50	43	37	49	42	37	47	41	37	35	35	35	0%
8	61	48	40	34	60	47	39	34	46	39	33	45	38	33	43	37	33	31	31	31	0%
9	57	44	36	31	56	44	36	30	42	35	30	41	35	30	40	34	30	28	28	28	0%
10	54	41	33	28	53	40	33	28	39	32	28	38	32	27	37	31	27	26	26	26	0%

*** OLS-D-LED-4-S-4-1500L-WW-DIM10-MVOLT-40K-85**

TEST NO.: **EL03052606**

INPUT WATTS: **48.1**

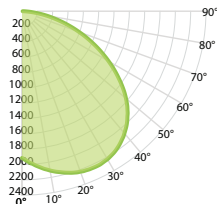
LUMENS: **5903**

EFFICACY: **123**

BEAM ANGLE: **104**

SPACING CRITERIA: **1.65**

CANDELA DISTRIBUTION



CANDELA TABLE

	0°	90°
0°	1915	1915
10°	2110	1883
20°	2227	1780
30°	2229	1603
40°	2079	1364
50°	1771	1085
60°	1304	802
70°	792	499
80°	316	210
90°	9	10

LUMINANCE (cd/sq.m)

	0.00°	90.00°
0.00°	15613	15613
45.00°	22423	14164
55.00°	22003	13335
65.00°	20266	12545
75.00°	17108	11053
85.00°	11199	8293

LUMENS PER ZONE

ZONE	LUMENS
0° - 10°	182
10° - 20°	523
20° - 30°	808
30° - 40°	998
40° - 50°	1061
50° - 60°	977
60° - 70°	751
70° - 80°	431
80° - 90°	113

ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LUMINAIRE
0° - 20°	705	12%
0° - 30°	1513	26%
0° - 40°	2511	43%
0° - 60°	4549	77%
0° - 80°	5732	97%
0° - 90°	5845	99%

CONE OF LIGHT

MOUNTING HEIGHT	FC AT BEAM CENTER	BEAM DIA. 0° -180°	BEAM DIA. 90° -270°
6.0 ft	53.2 fc	17.2 ft	13.2 ft
8.0 ft	29.9 fc	22.9 ft	17.6 ft
10.0 ft	19.1 fc	28.6 ft	22.0 ft
12.0 ft	13.3 fc	34.4 ft	26.5 ft
14.0 ft	9.8 fc	40.1 ft	30.9 ft
16.0 ft	7.5 fc	45.8 ft	35.3 ft
18.0 ft	5.9 fc	51.6 ft	39.7 ft
20.0 ft	4.8 fc	57.3 ft	44.1 ft

INDOOR COEFFICIENTS OF UTILIZATION

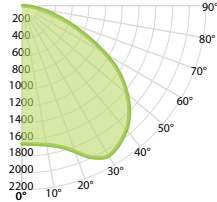
pw	70%			80%			70%			50%			30%			10%			0%		
	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	106	101	101	101	101	99	0%
1	108	103	99	95	105	101	97	93	97	93	90	92	90	87	89	87	85	85	82	82	0%
2	98	90	83	77	95	88	81	76	84	79	74	81	76	72	77	74	70	68	68	68	0%
3	89	79	70	64	87	77	69	63	74	67	62	71	65	60	68	63	59	57	57	57	0%
4	82	69	60	54	79	68	60	53	65	58	52	63	57	51	61	55	51	48	48	48	0%
5	75	62	53	46	73	61	52	46	58	51	45	56	50	44	54	49	44	42	42	42	0%
6	69	56	46	40	67	55	46	40	53	45	39	51	44	39	49	43	38	36	36	36	0%
7	64	50	41	35	62	49	41	35	48	40	35	46	39	34	45	39	34	32	32	32	0%
8	60	46	37	31	58	45	37	31	44	36	31	42	36	31	41	35	30	28	28	28	0%
9	56	42	34	28	54	41	33	28	40	33	28	39	32	27	38	32	27	25	25	25	0%
10	52	39	31	25	51	38	30	25	37	30	25	36	30	25	35	29	25	23	23	23	0%

*** OLS-D-LED-4-S-4-1500L-BW-DIM10-MVOLT-40K-85**

TEST NO.: **EL03052606**

INPUT WATTS: **48.1** LUMENS: **6196** EFFICACY: **129** BEAM ANGLE: **124** SPACING CRITERIA: **1.72**

CANDELA DISTRIBUTION



CANDELA TABLE

	0°	90°
0°	1652	1652
10°	1687	1627
20°	1855	1548
30°	2072	1415
40°	1940	1233
50°	1638	1008
60°	1154	759
70°	583	472
80°	210	195
90°	9	8

LUMINANCE (cd/sq.m)

	0.00°	90.00°
0.00°	13470	13470
10°	20903	12981
20°	20332	12739
30°	16275	11906
40°	11966	10402
50°	7357	7408

LUMENS PER ZONE

ZONE	LUMENS
0° - 10°	158
10° - 20°	471
20° - 30°	789
30° - 40°	1059
40° - 50°	1180
50° - 60°	1098
60° - 70°	818
70° - 80°	449
80° - 90°	113

ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LUMINAIRE
0° - 20°	629	10%
0° - 30°	1418	23%
0° - 40°	2477	40%
0° - 60°	4755	77%
0° - 80°	6022	97%
0° - 90°	6135	99%

CONE OF LIGHT

MOUNTING HEIGHT	FC AT BEAM CENTER	BEAM DIA. 0° -180°	BEAM DIA. 90° -270°
6.0 ft	45.9 fc	22.5 ft	13.4 ft
8.0 ft	25.8 fc	30.0 ft	17.9 ft
10.0 ft	16.5 fc	37.5 ft	22.4 ft
12.0 ft	11.5 fc	45.0 ft	26.9 ft
14.0 ft	8.4 fc	52.5 ft	31.4 ft
16.0 ft	6.5 fc	60.0 ft	35.8 ft
18.0 ft	5.1 fc	67.5 ft	40.3 ft
20.0 ft	4.1 fc	75.1 ft	44.8 ft

INDOOR COEFFICIENTS OF UTILIZATION

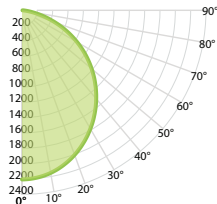
pf	20%																0%
pc																	0%
pw	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	101	101	99
1	108	103	99	95	105	101	97	93	96	93	90	92	90	87	89	86	84
2	98	89	82	76	95	87	81	75	84	78	73	80	76	72	77	73	68
3	89	78	69	63	86	76	68	62	73	66	61	70	64	60	67	63	58
4	81	68	59	52	78	67	59	52	64	57	51	62	56	50	60	54	47
5	74	61	51	45	72	60	51	44	57	50	44	55	48	43	53	47	40
6	68	54	45	38	66	53	45	38	51	44	38	50	43	37	48	42	35
7	63	49	40	34	61	48	40	33	46	39	33	45	38	33	43	37	30
8	58	44	36	30	57	44	35	30	42	35	29	41	34	29	40	33	27
9	54	41	32	26	53	40	32	26	39	31	26	38	31	26	36	30	24
10	51	37	29	24	50	37	29	24	36	28	24	35	28	23	34	28	21

*** OLS-D-LED-4-S-4-1500L-BLR-FR-DIM10-MVOLT-40K-85**

TEST NO.: **EL01232459**

INPUT WATTS: **48.1** LUMENS: **4981** EFFICACY: **104** BEAM ANGLE: **106** SPACING CRITERIA: **1.20**

CANDELA DISTRIBUTION



CANDELA TABLE

	0°	90°
0°	2206	2206
10°	2154	2089
20°	2006	1832
30°	1784	1515
40°	1506	1155
50°	1185	788
60°	830	525
70°	456	317
80°	129	143
90°	7	3

LUMINANCE (cd/sq.m)

	0.00°	90.00°
0.00°	29679	29679
10°	25684	18345
20°	23729	14997
30°	20471	13273
40°	14506	11752
50°	5988	10621

LUMENS PER ZONE

ZONE	LUMENS
0° - 10°	207
10° - 20°	571
20° - 30°	820
30° - 40°	922
40° - 50°	874
50° - 60°	707
60° - 70°	489
70° - 80°	259
80° - 90°	71

ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LUMINAIRE
0° - 20°	778	16%
0° - 30°	1597	32%
0° - 40°	2520	51%
0° - 60°	4101	82%
0° - 80°	4850	97%
0° - 90°	4921	99%

CONE OF LIGHT

MOUNTING HEIGHT	FC AT BEAM CENTER	BEAM DIA. 0° -180°	BEAM DIA. 90° -270°
6.0 ft	61.3 fc	15.9 ft	10.6 ft
8.0 ft	34.5 fc	21.2 ft	14.1 ft
10.0 ft	22.1 fc	26.5 ft	17.7 ft
12.0 ft	15.3 fc	31.8 ft	21.2 ft
14.0 ft	11.3 fc	37.1 ft	24.7 ft
16.0 ft	8.6 fc	42.4 ft	28.2 ft
18.0 ft	6.8 fc	47.6 ft	31.8 ft
20.0 ft	5.5 fc	52.9 ft	35.3 ft

INDOOR COEFFICIENTS OF UTILIZATION

pf	20%																0%
pc																	0%
pw	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%
0	119	119	119	119	116	116	116	116	110	110	110	105	105	105	101	101	99
1	109	105	101	97	106	103	99	96	98	95	92	94	92	89	90	88	84
2	100	92	86	81	97	90	85	80	87	82	78	83	79	76	80	77	74
3	92	82	74	68	89	80	73	67	77	71	66	74	69	65	72	67	61
4	84	73	65	58	82	72	64	58	69	62	57	67	61	56	64	59	53
5	78	66	57	51	76	65	57	51	62	55	50	60	54	49	58	53	47
6	72	60	51	45	70	59	50	45	57	49	44	55	49	44	53	48	41
7	67	54	46	40	65	53	45	40	52	45	39	50	44	39	49	43	37
8	63	50	42	36	61	49	41	36	48	41	35	46	40	35	45	39	33
9	59	46	38	33	57	45	38	32	44	37	32	43	37	32	42	36	30
10	55	42	35	30	54	42	35	30	41	34	29	40	34	29	39	33	27

*** OLS-D-LED-4-S-4-1500L-CRL-FR-DIM10-MVOLT-40K-85**

TEST NO.: **EL01232459**

INPUT WATTS: **48.1**

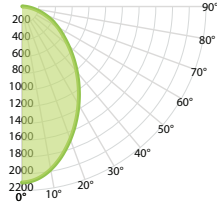
LUMENS: **4449**

EFFICACY: **92**

BEAM ANGLE: **79**

SPACING CRITERIA: **1.00**

CANDELA DISTRIBUTION



CANDELA TABLE

	0°	90°
0°	2104	2104
10°	1977	2041
20°	1688	1849
30°	1351	1574
40°	1019	1255
50°	722	930
60°	492	602
70°	293	340
80°	124	145
90°	6	4

LUMINANCE (cd/sq.m)

	0.00°	90.00°
0.00°	28313	28313
45.00°	16436	20708
55.00°	14020	17954
65.00°	12554	14606
75.00°	10611	12327
85.00°	8336	10212

LUMENS PER ZONE

ZONE	LUMENS
0° - 10°	197
10° - 20°	536
20° - 30°	751
30° - 40°	821
40° - 50°	757
50° - 60°	600
60° - 70°	422
70° - 80°	238
80° - 90°	72

ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LUMINAIRE
0° - 20°	733	16%
0° - 30°	1484	33%
0° - 40°	2305	52%
0° - 60°	3663	82%
0° - 80°	4323	97%
0° - 90°	4395	99%

CONE OF LIGHT

MOUNTING HEIGHT	FC AT BEAM CENTER	BEAM DIA. 0° -180°	BEAM DIA. 90° -270°
6.0 ft	58.5 fc	9.9 ft	12.4 ft
8.0 ft	32.9 fc	13.2 ft	16.6 ft
10.0 ft	21.0 fc	16.5 ft	20.7 ft
12.0 ft	14.6 fc	19.8 ft	24.9 ft
14.0 ft	10.7 fc	23.1 ft	29.0 ft
16.0 ft	8.2 fc	26.4 ft	33.1 ft
18.0 ft	6.5 fc	29.7 ft	37.3 ft
20.0 ft	5.3 fc	33.0 ft	41.4 ft

INDOOR COEFFICIENTS OF UTILIZATION

pf	pc	20%																0%	
		70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%
0	119	119	119	119	116	116	116	116	110	110	105	105	105	105	101	101	101	101	99
1	109	105	101	97	106	102	99	96	98	95	92	94	92	89	90	88	87	84	84
2	100	92	86	81	97	91	85	80	87	82	78	83	79	76	80	77	74	72	72
3	92	82	75	68	89	80	73	68	77	71	66	75	69	65	72	68	64	62	62
4	85	73	65	59	82	72	64	58	69	63	58	67	61	57	65	60	56	54	54
5	78	66	58	51	76	65	57	51	63	56	51	61	55	50	59	54	49	47	47
6	73	60	52	46	71	59	51	45	57	50	45	55	49	44	54	48	44	42	42
7	68	55	47	41	66	54	46	40	52	45	40	51	45	40	49	44	39	37	37
8	63	50	42	37	62	50	42	36	48	41	36	47	41	36	46	40	36	34	34
9	59	46	39	33	58	46	38	33	45	38	33	43	37	33	42	37	32	31	31
10	56	43	35	30	54	42	35	30	41	35	30	40	34	30	40	34	30	28	28

*** OLS-D-LED-4-S-4-1500L-ELS-FR-DIM10-MVOLT-40K-85**

TEST NO.: **EL01232459**

INPUT WATTS: **48.1**

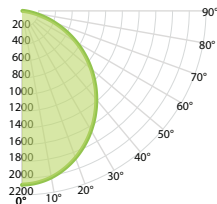
LUMENS: **5316**

EFFICACY: **111**

BEAM ANGLE: **103**

SPACING CRITERIA: **1.18 x 1.18**

CANDELA DISTRIBUTION



CANDELA TABLE

	0°	90°
0°	2081	2081
10°	2021	2042
20°	1870	1883
30°	1650	1656
40°	1381	1384
50°	1078	1080
60°	750	776
70°	415	457
80°	119	175
90°	5	4

LUMINANCE (cd/sq.m)

	0.00°	90.00°
0.00°	27999	27999
45.00°	23462	23501
55.00°	21501	21835
65.00°	18522	19570
75.00°	13339	16093
85.00°	5403	11915

LUMENS PER ZONE

ZONE	LUMENS
0° - 10°	196
10° - 20°	552
20° - 30°	814
30° - 40°	950
40° - 50°	948
50° - 60°	822
60° - 70°	593
70° - 80°	310
80° - 90°	69

ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LUMINAIRE
0° - 20°	748	14%
0° - 30°	1563	29%
0° - 40°	2513	47%
0° - 60°	4283	81%
0° - 80°	5186	98%
0° - 90°	5255	99%

CONE OF LIGHT

MOUNTING HEIGHT	FC AT BEAM CENTER	BEAM DIA. 0° -180°	BEAM DIA. 90° -270°
6.0 ft	57.8 fc	15.0 ft	14.8 ft
8.0 ft	32.5 fc	20.0 ft	19.7 ft
10.0 ft	20.8 fc	25.0 ft	24.6 ft
12.0 ft	14.5 fc	30.0 ft	29.6 ft
14.0 ft	10.6 fc	35.0 ft	34.5 ft
16.0 ft	8.1 fc	40.0 ft	39.4 ft
18.0 ft	6.4 fc	45.0 ft	44.4 ft
20.0 ft	5.2 fc	50.0 ft	49.3 ft

INDOOR COEFFICIENTS OF UTILIZATION

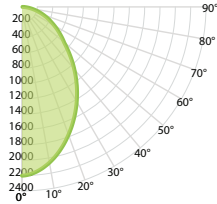
pf	pc	20%																0%	
		70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%
0	119	119	119	119	116	116	116	116	110	110	106	106	106	106	101	101	101	101	99
1	109	104	100	97	106	102	98	95	98	95	92	94	91	89	90	88	86	84	84
2	99	92	85	79	97	90	83	78	86	81	76	82	78	74	79	76	73	70	70
3	91	81	73	66	88	79	72	66	76	70	64	73	68	63	70	66	62	60	60
4	83	72	63	57	81	70	62	56	68	61	55	65	59	54	63	58	54	51	51
5	77	64	55	49	75	63	55	49	61	54	48	59	52	47	57	51	47	45	45
6	71	58	49	43	69	57	49	43	55	48	42	53	47	42	52	46	41	39	39
7	66	53	44	38	64	52	44	38	50	43	37	49	42	37	47	41	37	35	35
8	61	48	40	34	60	47	39	34	46	39	34	45	38	33	43	38	33	31	31
9	57	44	36	31	56	44	36	31	42	35	30	41	35	30	40	34	30	28	28
10	54	41	33	28	53	40	33	28	39	32	28	38	32	27	37	31	27	26	26

*** OLS-D-LED-4-S-4-1500L-HEX-FR-DIM10-MVOLT-40K-85**

TEST NO.: **EL01232459**

INPUT WATTS: **48.1** LUMENS: **4396** EFFICACY: **91** BEAM ANGLE: **79** SPACING CRITERIA: **1.00**

CANDELA DISTRIBUTION



CANDELA TABLE

	0°	90°
0°	2201	2201
10°	2063	2094
20°	1774	1838
30°	1427	1508
40°	1061	1140
50°	717	809
60°	488	541
70°	292	324
80°	125	143
90°	6	4

LUMINANCE (cd/sq.m)

	0.00°	90.00°
0.00°	29610	29610
10°	45.00°	16771
20°	55.00°	14050
30°	65.00°	12379
40°	75.00°	10618
50°	85.00°	8566
60°		10541
70°		
80°		
90°		

LUMENS PER ZONE

ZONE	LUMENS
0° - 10°	204
10° - 20°	551
20° - 30°	759
30° - 40°	810
40° - 50°	723
50° - 60°	573
60° - 70°	411
70° - 80°	236
80° - 90°	74

ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LUMINAIRE
0° - 20°	755	17%
0° - 30°	1515	34%
0° - 40°	2324	53%
0° - 60°	3620	82%
0° - 80°	4267	97%
0° - 90°	4341	99%

CONE OF LIGHT

MOUNTING HEIGHT	FC AT BEAM CENTER	BEAM DIA. 0° -180°	BEAM DIA. 90° -270°
6.0 ft	61.1 fc	9.9 ft	10.4 ft
8.0 ft	34.4 fc	13.2 ft	13.9 ft
10.0 ft	22.0 fc	16.6 ft	17.4 ft
12.0 ft	15.3 fc	19.9 ft	20.9 ft
14.0 ft	11.2 fc	23.2 ft	24.4 ft
16.0 ft	8.6 fc	26.5 ft	27.8 ft
18.0 ft	6.8 fc	29.8 ft	31.3 ft
20.0 ft	5.5 fc	33.1 ft	34.8 ft

INDOOR COEFFICIENTS OF UTILIZATION

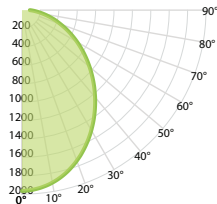
pf	20%																0%
pc																	0%
pw	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%
0	119	119	119	119	116	116	116	116	110	110	110	105	105	105	101	101	99
1	109	105	101	97	107	103	99	96	98	95	92	94	92	89	90	88	84
2	100	93	86	81	98	91	85	80	87	82	78	84	80	76	80	77	72
3	92	82	75	69	90	81	74	68	78	72	67	75	70	65	72	68	62
4	85	74	66	59	83	72	65	59	70	63	58	67	62	57	65	60	54
5	79	67	58	52	77	65	58	52	63	56	51	61	55	50	59	54	48
6	73	61	52	46	71	60	52	46	58	51	45	56	50	45	54	49	42
7	68	55	47	41	66	54	47	41	53	46	41	51	45	40	50	44	38
8	64	51	43	37	62	50	42	37	49	42	37	47	41	37	46	41	36
9	60	47	39	34	58	46	39	34	45	38	34	44	38	33	43	37	31
10	56	44	36	31	55	43	36	31	42	35	31	41	35	31	40	34	29

*** OLS-D-LED-4-S-4-1500L-BLK-DIM10-MVOLT-40K-85**

TEST NO.: **EL03052606**

INPUT WATTS: **48.1** LUMENS: **5388** EFFICACY: **112** BEAM ANGLE: **99** SPACING CRITERIA: **1.14**

CANDELA DISTRIBUTION



CANDELA TABLE

	0°	90°
0°	1965	1965
10°	1904	1911
20°	1742	1771
30°	1507	1560
40°	1236	1300
50°	958	1015
60°	692	737
70°	445	450
80°	237	195
90°	85	12

LUMINANCE (cd/sq.m)

	0.00°	90.00°
0.00°	16025	16025
10°	45.00°	12643
20°	55.00°	11701
30°	65.00°	10918
40°	75.00°	10659
50°	85.00°	14320
60°		9037
70°		
80°		
90°		

LUMENS PER ZONE

ZONE	LUMENS
0° - 10°	185
10° - 20°	521
20° - 30°	765
30° - 40°	885
40° - 50°	879
50° - 60°	773
60° - 70°	586
70° - 80°	360
80° - 90°	152

ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LUMINAIRE
0° - 20°	706	13%
0° - 30°	1471	27%
0° - 40°	2355	44%
0° - 60°	4007	74%
0° - 80°	4954	92%
0° - 90°	5106	95%

CONE OF LIGHT

MOUNTING HEIGHT	FC AT BEAM CENTER	BEAM DIA. 0° -180°	BEAM DIA. 90° -270°
6.0 ft	54.6 fc	13.9 ft	15.1 ft
8.0 ft	30.7 fc	18.6 ft	20.2 ft
10.0 ft	19.7 fc	23.2 ft	25.2 ft
12.0 ft	13.6 fc	27.9 ft	30.3 ft
14.0 ft	10.0 fc	32.5 ft	35.3 ft
16.0 ft	7.7 fc	37.2 ft	40.4 ft
18.0 ft	6.1 fc	41.8 ft	45.4 ft
20.0 ft	4.9 fc	46.5 ft	50.5 ft

INDOOR COEFFICIENTS OF UTILIZATION

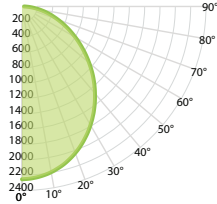
pf	20%																0%
pc																	0%
pw	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%
0	118	118	118	118	114	114	114	114	108	108	108	102	102	102	97	97	95
1	107	102	98	94	104	100	96	92	94	91	88	90	87	85	85	83	79
2	98	89	83	77	94	87	81	75	83	77	73	79	74	70	75	71	66
3	89	79	70	64	86	77	69	63	73	67	61	69	64	60	66	62	56
4	82	70	61	54	79	68	60	54	65	58	52	62	56	51	59	54	48
5	75	62	54	47	73	61	53	46	58	51	46	56	49	45	53	48	41
6	70	56	47	41	67	55	47	41	53	45	40	51	44	39	49	43	36
7	65	51	42	36	62	50	42	36	48	41	35	46	40	35	44	39	32
8	60	47	38	33	58	46	38	32	44	37	32	42	36	31	41	35	29
9	56	43	35	29	55	42	34	29	41	34	29	39	33	28	38	32	26
10	53	40	32	27	51	39	31	26	38	31	26	36	30	26	35	30	24

*** OLS-D-LED-4-S-4-1500L-CVX-DIM10-MVOLT-40K-85**

TEST NO.: **EL03052606**

INPUT WATTS: **48.0** LUMENS: **6006** EFFICACY: **125** BEAM ANGLE: **101** SPACING CRITERIA: **1.18**

CANDELA DISTRIBUTION



CANDELA TABLE

	0°	90°
0°	2254	2254
10°	2195	2195
20°	2033	2043
30°	1787	1812
40°	1481	1524
50°	1143	1201
60°	804	880
70°	495	539
80°	233	225
90°	26	8

LUMINANCE (cd/sq.m)

	0.00°	90.00°
0.00°	18379	18379
10°	45.00°	15177
20°	55.00°	13794
30°	65.00°	12434
40°	75.00°	11391
50°	85.00°	10977
60°		9346
70°		
80°		
90°		

LUMENS PER ZONE

ZONE	LUMENS
0° - 10°	213
10° - 20°	602
20° - 30°	894
30° - 40°	1046
40° - 50°	1047
50° - 60°	915
60° - 70°	687
70° - 80°	405
80° - 90°	135

ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LUMINAIRE
0° - 20°	815	14%
0° - 30°	1709	28%
0° - 40°	2755	46%
0° - 60°	4717	79%
0° - 80°	5809	97%
0° - 90°	5944	99%

CONE OF LIGHT

MOUNTING HEIGHT	FC AT BEAM CENTER	BEAM DIA. 0° -180°	BEAM DIA. 90° -270°
6.0 ft	62.6 fc	14.6 ft	15.8 ft
8.0 ft	35.2 fc	19.5 ft	21.1 ft
10.0 ft	22.5 fc	24.4 ft	26.4 ft
12.0 ft	15.7 fc	29.2 ft	31.7 ft
14.0 ft	11.5 fc	34.1 ft	37.0 ft
16.0 ft	8.8 fc	39.0 ft	42.2 ft
18.0 ft	7.0 fc	43.8 ft	47.5 ft
20.0 ft	5.6 fc	48.7 ft	52.8 ft

INDOOR COEFFICIENTS OF UTILIZATION

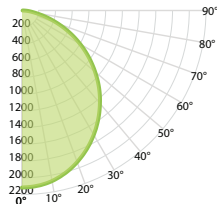
pf	pc	70%	80%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%
pw		70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	0%
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	101	101	101	99
1	108	104	99	96	106	101	97	94	97	94	91	93	90	88	89	87	85	83
2	99	91	84	78	96	89	82	77	85	80	75	81	77	73	78	75	71	69
3	90	80	72	65	88	78	70	64	75	68	63	72	66	62	69	65	61	58
4	83	71	62	55	80	69	61	55	67	60	54	64	58	53	62	57	52	50
5	76	63	54	48	74	62	54	47	60	52	47	58	51	46	56	50	46	44
6	70	57	48	42	68	56	48	42	54	47	41	52	46	41	51	45	40	38
7	65	52	43	37	63	51	43	37	49	42	37	48	41	36	46	40	36	34
8	61	47	39	33	59	47	39	33	45	38	33	44	37	32	43	37	32	30
9	57	44	35	30	55	43	35	30	42	35	30	41	34	29	39	33	29	27
10	53	40	32	27	52	40	32	27	39	32	27	38	31	27	37	31	27	25

*** OLS-D-LED-4-S-4-1500L-CVXFT-DIM10-MVOLT-40K-85**

TEST NO.: **EL03052606**

INPUT WATTS: **48.0** LUMENS: **5791** EFFICACY: **121** BEAM ANGLE: **105** SPACING CRITERIA: **1.20**

CANDELA DISTRIBUTION



CANDELA TABLE

	0°	90°
0°	2117	2117
10°	2071	2069
20°	1929	1943
30°	1716	1748
40°	1450	1499
50°	1141	1211
60°	804	911
70°	456	572
80°	160	242
90°	8	7

LUMINANCE (cd/sq.m)

	0.00°	90.00°
0.00°	17265	17265
10°	45.00°	15015
20°	55.00°	13855
30°	65.00°	12151
40°	75.00°	9250
50°	85.00°	7297
60°		9908
70°		
80°		
90°		

LUMENS PER ZONE

ZONE	LUMENS
0° - 10°	200
10° - 20°	568
20° - 30°	849
30° - 40°	1008
40° - 50°	1030
50° - 60°	916
60° - 70°	687
70° - 80°	375
80° - 90°	101

ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LUMINAIRE
0° - 20°	768	13%
0° - 30°	1618	28%
0° - 40°	2626	45%
0° - 60°	4572	79%
0° - 80°	5633	97%
0° - 90°	5734	99%

CONE OF LIGHT

MOUNTING HEIGHT	FC AT BEAM CENTER	BEAM DIA. 0° -180°	BEAM DIA. 90° -270°
6.0 ft	58.8 fc	15.5 ft	17.4 ft
8.0 ft	33.1 fc	20.7 ft	23.1 ft
10.0 ft	21.2 fc	25.9 ft	28.9 ft
12.0 ft	14.7 fc	31.0 ft	34.7 ft
14.0 ft	10.8 fc	36.2 ft	40.5 ft
16.0 ft	8.3 fc	41.4 ft	46.3 ft
18.0 ft	6.5 fc	46.6 ft	52.1 ft
20.0 ft	5.3 fc	51.7 ft	57.9 ft

INDOOR COEFFICIENTS OF UTILIZATION

pf	20%																		0%		
pc	80%				70%				50%				30%				10%				0%
pw	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%			
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	101	101	101	99			
1	109	104	100	96	106	102	98	94	97	94	91	93	91	88	89	87	85	83			
2	99	91	84	78	96	89	83	77	85	80	75	82	77	73	78	75	72	69			
3	90	80	72	65	88	78	71	65	75	69	63	72	67	62	69	65	61	59			
4	83	71	62	55	80	69	61	55	67	60	54	64	58	53	62	57	52	50			
5	76	63	54	48	74	62	54	47	60	52	47	58	51	46	56	50	46	43			
6	70	57	48	42	68	56	48	41	54	47	41	52	46	41	51	45	40	38			
7	65	52	43	37	63	51	43	37	49	42	36	48	41	36	46	40	36	34			
8	61	47	39	33	59	46	38	33	45	38	32	44	37	32	42	36	32	30			
9	57	43	35	30	55	43	35	29	41	34	29	40	34	29	39	33	29	27			
10	53	40	32	27	52	39	32	27	38	31	27	37	31	26	36	31	26	25			

*** OLS-D-LED-4-S-4-1500L-HP-DIM10-MVOLT-40K-85**

TEST NO.: **EL03052606**

INPUT WATTS: **42.3**

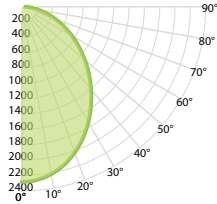
LUMENS: **5826**

EFFICACY: **138**

BEAM ANGLE: **96**

SPACING CRITERIA: **1.13**

CANDELA DISTRIBUTION



CANDELA TABLE

	0°	90°
0°	2284	2284
10°	2216	2230
20°	2022	2073
30°	1737	1831
40°	1408	1526
50°	1073	1188
60°	756	858
70°	466	515
80°	219	210
90°	47	5

LUMINANCE (cd/sq.m)

	0.00°	90.00°
0.00°	18626	18626
10°	45.00°	14288
20°	55.00°	12960
30°	65.00°	11713
40°	75.00°	10663
50°	85.00°	11085
60°		9038
70°		
80°		
90°		

LUMENS PER ZONE

ZONE	LUMENS
0° - 10°	218
10° - 20°	604
20° - 30°	884
30° - 40°	1017
40° - 50°	1001
50° - 60°	864
60° - 70°	641
70° - 80°	371
80° - 90°	127

ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LUMINAIRE
0° - 20°	822	14%
0° - 30°	1706	29%
0° - 40°	2723	47%
0° - 60°	4588	79%
0° - 80°	5600	96%
0° - 90°	5727	98%

CONE OF LIGHT

MOUNTING HEIGHT	FC AT BEAM CENTER	BEAM DIA. 0° -180°	BEAM DIA. 90° -270°
6.0 ft	63.4 fc	13.3 ft	15.0 ft
8.0 ft	35.7 fc	17.7 ft	20.0 ft
10.0 ft	22.8 fc	22.1 ft	25.0 ft
12.0 ft	15.9 fc	26.5 ft	30.1 ft
14.0 ft	11.7 fc	30.9 ft	35.1 ft
16.0 ft	8.9 fc	35.4 ft	40.1 ft
18.0 ft	7.0 fc	39.8 ft	45.1 ft
20.0 ft	5.7 fc	44.2 ft	50.1 ft

INDOOR COEFFICIENTS OF UTILIZATION

pf	20%																0%
pc																	0%
pw	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%
0	119	119	119	119	116	116	116	116	110	110	110	105	105	105	100	100	98
1	108	104	100	96	106	101	97	94	97	94	91	93	90	88	89	87	85
2	99	91	84	78	96	89	83	77	85	80	75	81	77	73	78	75	71
3	90	80	72	66	88	78	71	65	75	69	64	72	67	62	69	65	61
4	83	71	63	56	80	70	62	55	67	60	55	64	58	54	62	57	53
5	76	64	55	48	74	63	54	48	60	53	47	58	52	47	56	51	46
6	71	58	49	42	69	57	48	42	55	47	42	53	46	41	51	45	41
7	66	52	44	38	64	51	43	37	50	42	37	48	42	37	47	41	36
8	61	48	39	34	60	47	39	34	46	38	33	44	38	33	43	37	33
9	57	44	36	30	56	43	36	30	42	35	30	41	34	30	40	34	30
10	54	41	33	28	52	40	33	28	39	32	27	38	32	27	37	31	25

*** OLS-D-LED-4-S-4-1500L-HP-BW-DIM10-MVOLT-40K-85**

TEST NO.: **EL03052606**

INPUT WATTS: **42.3**

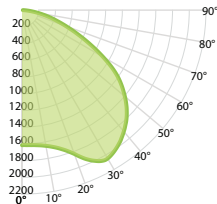
LUMENS: **5954**

EFFICACY: **141**

BEAM ANGLE: **123**

SPACING CRITERIA: **1.72**

CANDELA DISTRIBUTION



CANDELA TABLE

	0°	90°
0°	1615	1615
10°	1648	1589
20°	1830	1509
30°	2049	1377
40°	1894	1195
50°	1605	970
60°	1119	720
70°	561	436
80°	197	164
90°	10	3

LUMINANCE (cd/sq.m)

	0.00°	90.00°
0.00°	13169	13169
10°	45.00°	20428
20°	55.00°	19955
30°	65.00°	15743
40°	75.00°	11420
50°	85.00°	6611
60°		5279
70°		
80°		
90°		

LUMENS PER ZONE

ZONE	LUMENS
0° - 10°	154
10° - 20°	460
20° - 30°	773
30° - 40°	1030
40° - 50°	1133
50° - 60°	1050
60° - 70°	779
70° - 80°	413
80° - 90°	97

ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LUMINAIRE
0° - 20°	615	10%
0° - 30°	1388	23%
0° - 40°	2418	41%
0° - 60°	4602	77%
0° - 80°	5794	97%
0° - 90°	5891	99%

CONE OF LIGHT

MOUNTING HEIGHT	FC AT BEAM CENTER	BEAM DIA. 0° -180°	BEAM DIA. 90° -270°
6.0 ft	44.9 fc	22.2 ft	13.1 ft
8.0 ft	25.2 fc	29.6 ft	17.4 ft
10.0 ft	16.1 fc	37.1 ft	21.8 ft
12.0 ft	11.2 fc	44.5 ft	26.2 ft
14.0 ft	8.2 fc	51.9 ft	30.5 ft
16.0 ft	6.3 fc	59.3 ft	34.9 ft
18.0 ft	5.0 fc	66.7 ft	39.3 ft
20.0 ft	4.0 fc	74.1 ft	43.6 ft

INDOOR COEFFICIENTS OF UTILIZATION

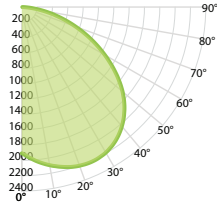
pf	20%																0%
pc																	0%
pw	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	101	101	99
1	108	103	99	95	105	101	97	93	97	93	90	92	90	87	89	87	85
2	98	90	83	77	95	88	81	76	84	78	74	80	76	72	77	73	70
3	89	78	70	63	86	76	69	62	73	67	61	70	65	60	68	63	59
4	81	69	60	53	79	67	59	52	65	57	52	62	56	51	60	54	50
5	74	61	52	45	72	60	51	45	58	50	44	56	49	44	54	48	43
6	68	55	45	39	66	54	45	39	52	44	38	50	43	38	48	42	37
7	63	49	40	34	61	48	40	34	47	39	33	45	38	33	44	38	33
8	59	45	36	30	57	44	36	30	43	35	30	41	34	29	40	34	29
9	55	41	32	27	53	40	32	27	39	32	26	38	31	26	37	31	26
10	51	38	29	24	50	37	29	24	36	29	24	35	28	24	34	28	22

*** OLS-D-LED-4-S-4-1500L-HP-WW-DIM10-MVOLT-40K-85**

TEST NO.: **EL03052606**

INPUT WATTS: **42.3** LUMENS: **5733** EFFICACY: **136** BEAM ANGLE: **103** SPACING CRITERIA: **1.62**

CANDELA DISTRIBUTION



CANDELA TABLE

	0°	90°
0°	1908	1908
10°	2095	1864
20°	2202	1747
30°	2192	1557
40°	2030	1306
50°	1716	1020
60°	1252	739
70°	749	443
80°	288	167
90°	7	3

LUMINANCE (cd/sq.m)

	0.00°	90.00°
0.00°	15555	15555
10°	21835	13437
20°	21244	12635
30°	19311	11390
40°	15972	9448
50°	9673	5357

LUMENS PER ZONE

ZONE	LUMENS
0° - 10°	181
10° - 20°	519
20° - 30°	798
30° - 40°	980
40° - 50°	1036
50° - 60°	946
60° - 70°	718
70° - 80°	401
80° - 90°	97

ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LUMINAIRE
0° - 20°	700	12%
0° - 30°	1498	26%
0° - 40°	2478	43%
0° - 60°	4461	78%
0° - 80°	5580	97%
0° - 90°	5677	99%

CONE OF LIGHT

MOUNTING HEIGHT	FC AT BEAM CENTER	BEAM DIA. 0° -180°	BEAM DIA. 90° -270°
6.0 ft	53.0 fc	16.7 ft	13.1 ft
8.0 ft	29.8 fc	22.2 ft	17.4 ft
10.0 ft	19.1 fc	27.8 ft	21.8 ft
12.0 ft	13.2 fc	33.4 ft	26.2 ft
14.0 ft	9.7 fc	38.9 ft	30.5 ft
16.0 ft	7.5 fc	44.5 ft	34.9 ft
18.0 ft	5.9 fc	50.1 ft	39.2 ft
20.0 ft	4.8 fc	55.6 ft	43.6 ft

INDOOR COEFFICIENTS OF UTILIZATION

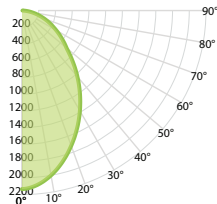
pf	20%																0%	
pc	50%																0%	
pw	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	101	101	101	99
1	108	104	99	95	106	101	97	94	97	94	91	93	90	88	89	87	85	83
2	98	90	83	77	96	88	82	76	84	79	74	81	77	73	78	74	71	69
3	90	79	71	64	87	77	70	63	74	68	62	71	66	61	69	64	60	58
4	82	70	61	54	80	68	60	54	66	59	53	63	57	52	61	56	51	49
5	75	62	53	46	73	61	52	46	59	51	46	57	50	45	55	49	44	42
6	69	56	47	40	67	55	46	40	53	45	40	51	44	39	50	44	39	37
7	64	51	42	36	62	50	41	35	48	41	35	47	40	35	45	39	34	32
8	60	46	38	32	58	45	37	31	44	37	31	43	36	31	41	35	31	29
9	56	42	34	28	54	42	34	28	40	33	28	39	33	28	38	32	28	26
10	52	39	31	26	51	38	31	26	37	30	25	36	30	25	35	29	25	23

*** OLS-D-LED-4-S-4-1500L-HP-HEX-FR-DIM10-MVOLT-40K-85**

TEST NO.: **EL03052606**

INPUT WATTS: **42.3** LUMENS: **4264** EFFICACY: **101** BEAM ANGLE: **79** SPACING CRITERIA: **1.00**

CANDELA DISTRIBUTION



CANDELA TABLE

	0°	90°
0°	2135	2135
10°	2001	2032
20°	1721	1783
30°	1385	1463
40°	1029	1106
50°	695	784
60°	473	525
70°	284	315
80°	121	139
90°	6	4

LUMINANCE (cd/sq.m)

	0.00°	90.00°
0.00°	28702	28702
10°	16257	17715
20°	13619	15090
30°	11999	13204
40°	10292	11563
50°	8304	10218

LUMENS PER ZONE

ZONE	LUMENS
0° - 10°	198
10° - 20°	534
20° - 30°	737
30° - 40°	785
40° - 50°	701
50° - 60°	556
60° - 70°	399
70° - 80°	229
80° - 90°	72

ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LUMINAIRE
0° - 20°	733	17%
0° - 30°	1469	34%
0° - 40°	2255	53%
0° - 60°	3511	82%
0° - 80°	4139	97%
0° - 90°	4211	99%

CONE OF LIGHT

MOUNTING HEIGHT	FC AT BEAM CENTER	BEAM DIA. 0° -180°	BEAM DIA. 90° -270°
6.0 m	59.3 lx	9.9 m	10.4 m
8.0 m	33.4 lx	13.2 m	13.9 m
10.0 m	21.3 lx	16.6 m	17.4 m
12.0 m	14.8 lx	19.9 m	20.9 m
14.0 m	10.9 lx	23.2 m	24.4 m
16.0 m	8.3 lx	26.5 m	27.8 m
18.0 m	6.6 lx	29.8 m	31.3 m
20.0 m	5.3 lx	33.1 m	34.8 m

INDOOR COEFFICIENTS OF UTILIZATION

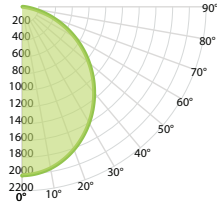
pf	20%																		0%		
pc	50%																		0%		
pw	80%				70%				50%				30%				10%				0%
	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%			
0	119	119	119	119	116	116	116	116	110	110	110	105	105	105	101	101	101	99			
1	109	105	101	97	107	103	99	96	98	95	92	94	92	89	90	88	87	84			
2	100	93	86	81	98	91	85	80	87	82	78	84	80	76	80	77	74	72			
3	92	82	75	69	90	81	74	68	78	72	67	75	70	65	72	68	64	62			
4	85	74	66	59	83	72	65	59	70	63	58	67	62	57	65	60	56	54			
5	79	67	58	52	77	65	58	52	63	56	51	61	55	50	59	54	50	48			
6	73	61	52	46	71	60	52	46	58	51	45	56	50	45	54	49	44	42			
7	68	55	47	41	66	54	47	41	53	46	41	51	45	40	50	44	40	38			
8	64	51	43	37	62	50	42	37	49	42	37	47	41	37	46	41	36	34			
9	60	47	39	34	58	46	39	34	45	38	34	44	38	33	43	37	33	31			
10	56	44	36	31	55	43	36	31	42	35	31	41	35	31	40	34	30	29			

*** OLS-D-LED-4-S-4-1500L-HP-ELS-FR-DIM10-MVOLT-40K-85**

TEST NO.: **EL03052606**

INPUT WATTS: **42.3** LUMENS: **5156** EFFICACY: **122** BEAM ANGLE: **103** SPACING CRITERIA: **1.18 x 1.18**

CANDELA DISTRIBUTION



CANDELA TABLE

	0°	90°
0°	2018	2018
10°	1960	1981
20°	1814	1826
30°	1601	1606
40°	1340	1342
50°	1045	1048
60°	728	752
70°	403	443
80°	115	170
90°	5	4

LUMINANCE (cd/sq.m)

	0.00°	90.00°
0.00°	27140	27140
45.00°	22740	22777
55.00°	20839	21163
65.00°	17952	18967
75.00°	12928	15598
85.00°	5237	11548

LUMENS PER ZONE

ZONE	LUMENS
0° - 10°	190
10° - 20°	536
20° - 30°	790
30° - 40°	921
40° - 50°	920
50° - 60°	797
60° - 70°	576
70° - 80°	300
80° - 90°	67

ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LUMINAIRE
0° - 20°	726	14%
0° - 30°	1516	29%
0° - 40°	2437	47%
0° - 60°	4154	81%
0° - 80°	5030	98%
0° - 90°	5097	99%

CONE OF LIGHT

MOUNTING HEIGHT	FC AT BEAM CENTER	BEAM DIA. 0° -180°	BEAM DIA. 90° -270°
6.0 m	56.1 lx	15.0 m	14.8 m
8.0 m	31.5 lx	20.0 m	19.7 m
10.0 m	20.2 lx	25.0 m	24.6 m
12.0 m	14.0 lx	30.0 m	29.6 m
14.0 m	10.3 lx	35.0 m	34.5 m
16.0 m	7.9 lx	40.0 m	39.4 m
18.0 m	6.2 lx	45.0 m	44.4 m
20.0 m	5.0 lx	50.0 m	49.3 m

INDOOR COEFFICIENTS OF UTILIZATION

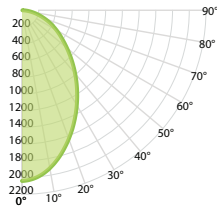
pw	70%			80%			10%			70%			50%			20%			50%			30%			10%			0%		
	70%	50%	30%	10%	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%
0	119	119	119	119	116	116	116	116	110	110	110	106	106	106	106	106	106	101	101	101	99	99	99	99	99	99	99	99	99	99
1	109	104	100	97	106	102	98	95	98	95	92	94	91	89	90	88	86	84	84	84	84	84	84	84	84	84	84	84	84	84
2	99	92	85	79	97	90	83	78	86	81	76	82	78	74	79	76	73	70	70	70	70	70	70	70	70	70	70	70	70	70
3	91	81	73	66	88	79	72	66	76	70	64	73	68	63	70	66	62	60	60	60	60	60	60	60	60	60	60	60	60	60
4	83	72	63	57	81	70	62	56	68	61	55	65	59	54	63	58	54	51	51	51	51	51	51	51	51	51	51	51	51	51
5	77	64	55	49	75	63	55	49	61	54	48	59	52	47	57	51	47	45	45	45	45	45	45	45	45	45	45	45	45	45
6	71	58	49	43	69	57	49	43	55	48	42	53	47	42	52	46	41	39	39	39	39	39	39	39	39	39	39	39	39	39
7	66	53	44	38	64	52	44	38	50	43	37	49	42	37	47	41	37	35	35	35	35	35	35	35	35	35	35	35	35	35
8	61	48	40	34	60	47	39	34	46	39	34	45	38	33	43	38	33	31	31	31	31	31	31	31	31	31	31	31	31	31
9	57	44	36	31	56	44	36	31	42	35	30	41	35	30	40	34	30	28	28	28	28	28	28	28	28	28	28	28	28	28
10	54	41	33	28	53	40	33	28	39	32	28	38	32	27	37	31	27	26	26	26	26	26	26	26	26	26	26	26	26	26

*** OLS-D-LED-4-S-4-1500L-HP-CRL-FR-DIM10-MVOLT-40K-85**

TEST NO.: **EL03052606**

INPUT WATTS: **42.3** LUMENS: **4315** EFFICACY: **102** BEAM ANGLE: **79** SPACING CRITERIA: **1.00**

CANDELA DISTRIBUTION



CANDELA TABLE

	0°	90°
0°	2041	2041
10°	1917	1980
20°	1637	1793
30°	1310	1526
40°	988	1218
50°	700	902
60°	477	584
70°	284	330
80°	120	141
90°	5	4

LUMINANCE (cd/sq.m)

	0.00°	90.00°
0.00°	27441	27441
45.00°	15930	20070
55.00°	13588	17401
65.00°	12167	14156
75.00°	10284	11948
85.00°	8080	9897

LUMENS PER ZONE

ZONE	LUMENS
0° - 10°	191
10° - 20°	520
20° - 30°	728
30° - 40°	796
40° - 50°	735
50° - 60°	582
60° - 70°	409
70° - 80°	231
80° - 90°	70

ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LUMINAIRE
0° - 20°	711	16%
0° - 30°	1439	33%
0° - 40°	2236	52%
0° - 60°	3552	82%
0° - 80°	4193	97%
0° - 90°	4263	99%

CONE OF LIGHT

MOUNTING HEIGHT	FC AT BEAM CENTER	BEAM DIA. 0° -180°	BEAM DIA. 90° -270°
6.0 m	56.7 lx	9.9 m	12.4 m
8.0 m	31.9 lx	13.2 m	16.6 m
10.0 m	20.4 lx	16.5 m	20.7 m
12.0 m	14.2 lx	19.8 m	24.9 m
14.0 m	10.4 lx	23.1 m	29.0 m
16.0 m	8.0 lx	26.4 m	33.1 m
18.0 m	6.3 lx	29.7 m	37.3 m
20.0 m	5.1 lx	33.0 m	41.4 m

INDOOR COEFFICIENTS OF UTILIZATION

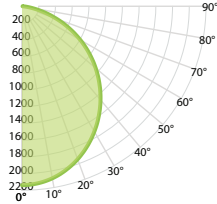
pw	70%			80%			10%			70%			50%			20%			50%			30%			10%			0%		
	70%	50%	30%	10%	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%
0	119	119	119	119	116	116	116	116	110	110	110	105	105	105	105	105	105	101	101	101	99	99	99	99	99	99	99	99	99	99
1	109	105	101	97	106	102	99	96	98	95	92	94	92	89	90	88	87	84	84	84	84	84	84	84	84	84	84	84	84	84
2	100	93	86	81	97	91	85	80	87	82	78	83	79	76	80	77	74	72	72	72	72	72	72	72	72	72	72	72	72	72
3	92	82	75	68	89	80	73	68	77	71	66	75	69	65	72	68	64	62	62	62	62	62	62	62	62	62	62	62	62	62
4	85	73	65	59	82	72	64	58	69	63	58	67	61	57	65	60	56	54	54	54	54	54	54	54	54	54	54	54	54	54
5	78	66	58	51	76	65	57	51	63	56	51	61	55	50	59	54	49	47	47	47	47	47	47	47	47	47	47	47	47	47
6	73	60	52	46	71	59	51	45	57	50	45	55	49	44	54	48	44	42	42	42	42	42	42	42	42	42	42	42	42	42
7	68	55	47	41	66	54	46	40	52	45	40	51	45	40	49	44	40	37	37	37	37	37	37	37	37	37	37	37	37	37
8	63	50	42	37	62	50	42	36	48	41	36	47	41	36	46	40	36	34	34	34	34	34	34	34	34	34	34	34	34	34
9	59	46	39	33	58	46	38	33	45	38	33	43	37	33	42	37	32	31	31	31	31	31	31	31	31	31	31	31	31	31
10	56	43	35	30	54	43	35	30	41	35	30	40	34	30	40	34	30	28	28	28	28	28	28	28	28	28	28	28	28	28

*** OLS-D-LED-4-S-4-1500L-HP-BLR-FR-DIM10-MVOLT-40K-85**

TEST NO.: **EL03052606**

INPUT WATTS: **42.3** LUMENS: **4831** EFFICACY: **114** BEAM ANGLE: **106** SPACING CRITERIA: **1.20**

CANDELA DISTRIBUTION



CANDELA TABLE

	0°	90°
0°	2139	2139
10°	2089	2026
20°	1946	1777
30°	1730	1469
40°	1460	1120
50°	1150	765
60°	805	509
70°	442	308
80°	125	138
90°	7	3

LUMINANCE (cd/sq.m)

	0.00°	90.00°
0.00°	28764	28764
45.00°	24893	17779
55.00°	22998	14535
65.00°	19841	12864
75.00°	14059	11390
85.00°	5804	10294

LUMENS PER ZONE

ZONE	LUMENS
0° - 10°	200
10° - 20°	554
20° - 30°	795
30° - 40°	895
40° - 50°	848
50° - 60°	686
60° - 70°	475
70° - 80°	251
80° - 90°	68

ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LUMINAIRE
0° - 20°	754	16%
0° - 30°	1549	32%
0° - 40°	2444	51%
0° - 60°	3977	82%
0° - 80°	4704	97%
0° - 90°	4772	99%

CONE OF LIGHT

MOUNTING HEIGHT	FC AT BEAM CENTER	BEAM DIA. 0° -180°	BEAM DIA. 90° -270°
6.0 m	59.4 lx	15.9 m	10.6 m
8.0 m	33.4 lx	21.2 m	14.1 m
10.0 m	21.4 lx	26.5 m	17.7 m
12.0 m	14.9 lx	31.8 m	21.2 m
14.0 m	10.9 lx	37.1 m	24.7 m
16.0 m	8.4 lx	42.4 m	28.2 m
18.0 m	6.6 lx	47.6 m	31.8 m
20.0 m	5.3 lx	52.9 m	35.3 m

INDOOR COEFFICIENTS OF UTILIZATION

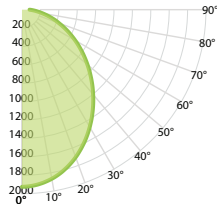
pw	70%			80%			10%			70%			50%			20%			50%			30%			10%			0%		
	70%	50%	30%	10%	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%
0	119	119	119	119	116	116	116	116	110	110	110	105	105	105	105	105	105	101	101	101	99	99	99	99	99	99	99	99	99	99
1	109	105	101	97	106	103	99	96	98	95	92	94	92	89	90	88	87	84	84	84	84	84	84	84	84	84	84	84	84	84
2	100	92	86	81	97	90	85	80	87	82	78	83	79	76	80	77	74	72	72	72	72	72	72	72	72	72	72	72	72	72
3	92	82	74	68	89	80	73	67	77	71	66	74	69	65	72	67	64	61	61	61	61	61	61	61	61	61	61	61	61	61
4	84	73	65	58	82	72	64	58	69	62	57	67	61	56	64	59	55	53	53	53	53	53	53	53	53	53	53	53	53	53
5	78	66	57	51	76	65	57	51	62	55	50	60	54	49	58	53	49	47	47	47	47	47	47	47	47	47	47	47	47	47
6	72	60	51	45	70	59	50	45	57	49	44	55	49	44	53	48	43	41	41	41	41	41	41	41	41	41	41	41	41	41
7	67	54	46	40	65	53	45	40	52	45	39	50	44	39	49	43	39	37	37	37	37	37	37	37	37	37	37	37	37	37
8	63	50	42	36	61	49	41	36	48	41	35	46	40	35	45	39	35	33	33	33	33	33	33	33	33	33	33	33	33	33
9	59	46	38	33	57	45	38	32	44	37	32	43	37	32	42	36	32	30	30	30	30	30	30	30	30	30	30	30	30	30
10	55	42	35	30	54	42	35	30	41	34	29	40	34	29	39	33	29	27	27	27	27	27	27	27	27	27	27	27	27	27

*** OLS-D-LED-4-S-4-1500L-HP-BLK-DIM10-MVOLT-40K-85**

TEST NO.: **EL03052606**

INPUT WATTS: **42.3** LUMENS: **5211** EFFICACY: **123** BEAM ANGLE: **98** SPACING CRITERIA: **1.14**

CANDELA DISTRIBUTION



CANDELA TABLE

	0°	90°
0°	1925	1925
10°	1866	1877
20°	1707	1741
30°	1473	1531
40°	1203	1272
50°	929	988
60°	667	713
70°	427	430
80°	225	180
90°	82	7

LUMINANCE (cd/sq.m)

	0.00°	90.00°
0.00°	15701	15701
45.00°	12282	13046
55.00°	11307	12210
65.00°	10494	10990
75.00°	10170	9402
85.00°	13608	7899

LUMENS PER ZONE

ZONE	LUMENS
0° - 10°	182
10° - 20°	510
20° - 30°	747
30° - 40°	861
40° - 50°	853
50° - 60°	746
60° - 70°	561
70° - 80°	341
80° - 90°	140

ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LUMINAIRE
0° - 20°	691	13%
0° - 30°	1438	28%
0° - 40°	2300	44%
0° - 60°	3899	75%
0° - 80°	4800	92%
0° - 90°	4940	95%

CONE OF LIGHT

MOUNTING HEIGHT	FC AT BEAM CENTER	BEAM DIA. 0° -180°	BEAM DIA. 90° -270°
6.0 ft	53.5 fc	13.7 ft	14.9 ft
8.0 ft	30.1 fc	18.3 ft	19.9 ft
10.0 ft	19.3 fc	22.9 ft	24.9 ft
12.0 ft	13.4 fc	27.4 ft	29.9 ft
14.0 ft	9.8 fc	32.0 ft	34.8 ft
16.0 ft	7.5 fc	36.6 ft	39.8 ft
18.0 ft	5.9 fc	41.2 ft	44.8 ft
20.0 ft	4.8 fc	45.7 ft	49.8 ft

INDOOR COEFFICIENTS OF UTILIZATION

pw	70%			80%			10%			70%			50%			20%			50%			30%			10%			0%		
	70%	50%	30%	10%	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%
0	118	118	118	118	114	114	114	114	108	108	108	103	103	103	103	103	103	97	97	97	95	95	95	95	95	95	95	95	95	95
1	107	103	98	94	104	100	96	92	95	91	88	90	87	85	85	85	83	81	81	81	81	81	81	81	81	81	81	81	81	81
2	98	90	83	77	95	87	81	76	83	78	73	79	74	71	75	72	68	66	66	66	66	66	66	66	66	66	66	66	66	66
3	89	79	71	64	86	77	69	63	73	67	62	70	64	60	67	62	58	56	56	56	56	56	56	56	56	56	56	56	56	56
4	82	70	61	55	79	68	60	54	65	58	53	62	56	51	60	54	50	48	48	48	48	48	48	48	48	48	48	48	48	48
5	75	63	54	47	73	61	53	47	59	51	46	56	50	45	54	48	44	42	42	42	42	42	42	42	42	42	42	42	42	42
6	70	57	48	41	67	55	47	41	53	46	40	51	44	39	49	43	39	37	37	37	37	37	37	37	37	37	37	37	37	37
7	65	51	43	37	63	50	42	36	48	41	36	46	40	35	45	39	35	33	33	33	33	33	33	33	33	33	33	33	33	33
8	60	47	39	33	58	46	38	33	44	37	32	43	36	32	41	35	31	29	29	29	29	29	29	29	29	29	29	29	29	29
9	56	43	35	30	55	42	35	29	41	34	29	39	33	29	38	32	28	26	26	26	26	26	26	26	26	26	26	26	26	26
10	53	40	32	27	51	39	32	27	38	31	26	37	30	26	35	30	26	24	24	24	24	24	24	24	24	24	24	24	24	24

*** OLS-D-LED-4-S-4-1500L-HP-CVX-DIM10-MVOLT-40K-85**

TEST NO.: **EL03052606**

INPUT WATTS: **42.3**

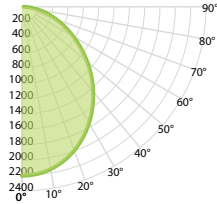
LUMENS: **5813**

EFFICACY: **137**

BEAM ANGLE: **101**

SPACING CRITERIA: **1.18**

CANDELA DISTRIBUTION



CANDELA TABLE

	0°	90°
0°	2205	2205
10°	2150	2154
20°	1994	2010
30°	1749	1784
40°	1444	1498
50°	1107	1178
60°	771	860
70°	469	521
80°	215	212
90°	21	4

LUMINANCE (cd/sq.m)

	0.00°	90.00°
0.00°	17979	17979
45.00°	14761	15470
55.00°	13300	14389
65.00°	11866	13301
75.00°	10691	11334
85.00°	9793	8488

LUMENS PER ZONE

ZONE	LUMENS
0° - 10°	208
10° - 20°	589
20° - 30°	873
30° - 40°	1019
40° - 50°	1017
50° - 60°	884
60° - 70°	659
70° - 80°	384
80° - 90°	122

ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LUMINAIRE
0° - 20°	797	14%
0° - 30°	1670	29%
0° - 40°	2689	46%
0° - 60°	4589	79%
0° - 80°	5632	97%
0° - 90°	5754	99%

CONE OF LIGHT

MOUNTING HEIGHT	FC AT BEAM CENTER	BEAM DIA. 0° -180°	BEAM DIA. 90° -270°
6.0 ft	61.2 fc	14.4 ft	15.6 ft
8.0 ft	34.5 fc	19.2 ft	20.8 ft
10.0 ft	22.0 fc	24.1 ft	26.0 ft
12.0 ft	15.3 fc	28.9 ft	31.2 ft
14.0 ft	11.2 fc	33.7 ft	36.4 ft
16.0 ft	8.6 fc	38.5 ft	41.7 ft
18.0 ft	6.8 fc	43.3 ft	46.9 ft
20.0 ft	5.5 fc	48.1 ft	52.1 ft

INDOOR COEFFICIENTS OF UTILIZATION

pw	70%			80%			10%			70%			50%			20%			50%			30%			10%			0%		
	70%	50%	30%	10%	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	30%	10%	50%	10%	30%	10%	10%	0%	0%
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	106	106	106	101	101	101	99	106	106	101	101	101	101	101	99	0%
1	109	104	100	96	106	101	98	94	97	94	91	93	90	88	89	87	85	83	83	83	83	83	83	83	83	83	83	83	83	0%
2	99	91	84	78	96	89	83	77	85	80	75	82	77	73	78	75	72	69	69	69	69	69	69	69	69	69	69	69	69	0%
3	90	80	72	65	88	78	71	65	75	69	63	72	67	62	70	65	61	59	59	59	59	59	59	59	59	59	59	59	59	0%
4	83	71	62	56	80	70	61	55	67	60	54	64	58	53	62	57	53	50	50	50	50	50	50	50	50	50	50	50	50	0%
5	76	64	55	48	74	62	54	48	60	53	47	58	52	47	56	50	46	44	44	44	44	44	44	44	44	44	44	44	44	0%
6	70	57	48	42	69	56	48	42	54	47	41	53	46	41	51	45	41	38	38	38	38	38	38	38	38	38	38	38	38	0%
7	65	52	43	37	64	51	43	37	50	42	37	48	41	36	47	41	36	34	34	34	34	34	34	34	34	34	34	34	34	0%
8	61	48	39	33	59	47	39	33	45	38	33	44	37	33	43	37	32	30	30	30	30	30	30	30	30	30	30	30	30	0%
9	57	44	36	30	56	43	35	30	42	35	30	41	34	30	40	34	29	28	28	28	28	28	28	28	28	28	28	28	28	0%
10	53	40	33	27	52	40	32	27	39	32	27	38	31	27	37	31	27	25	25	25	25	25	25	25	25	25	25	25	25	0%

*** OLS-D-LED-4-S-4-1500L-HP-CVXFT-DIM10-MVOLT-40K-85**

TEST NO.: **EL03052606**

INPUT WATTS: **42.3**

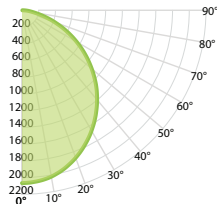
LUMENS: **5593**

EFFICACY: **132**

BEAM ANGLE: **104**

SPACING CRITERIA: **1.19**

CANDELA DISTRIBUTION



CANDELA TABLE

	0°	90°
0°	2067	2067
10°	2020	2023
20°	1877	1901
30°	1662	1710
40°	1397	1464
50°	1088	1178
60°	754	881
70°	417	546
80°	140	224
90°	5	4

LUMINANCE (cd/sq.m)

	0.00°	90.00°
0.00°	16855	16855
45.00°	14407	15281
55.00°	13121	14564
65.00°	11264	13797
75.00°	8205	11985
85.00°	6346	8867

LUMENS PER ZONE

ZONE	LUMENS
0° - 10°	196
10° - 20°	554
20° - 30°	828
30° - 40°	980
40° - 50°	997
50° - 60°	883
60° - 70°	656
70° - 80°	353
80° - 90°	91

ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LUMINAIRE
0° - 20°	750	13%
0° - 30°	1578	28%
0° - 40°	2558	46%
0° - 60°	4438	79%
0° - 80°	5447	97%
0° - 90°	5538	99%

CONE OF LIGHT

MOUNTING HEIGHT	FC AT BEAM CENTER	BEAM DIA. 0° -180°	BEAM DIA. 90° -270°
6.0 ft	57.4 fc	15.3 ft	17.1 ft
8.0 ft	32.3 fc	20.4 ft	22.8 ft
10.0 ft	20.7 fc	25.5 ft	28.4 ft
12.0 ft	14.4 fc	30.6 ft	34.1 ft
14.0 ft	10.5 fc	35.7 ft	39.8 ft
16.0 ft	8.1 fc	40.8 ft	45.5 ft
18.0 ft	6.4 fc	45.9 ft	51.2 ft
20.0 ft	5.2 fc	51.0 ft	56.9 ft

INDOOR COEFFICIENTS OF UTILIZATION

pw	70%			80%			10%			70%			50%			20%			50%			30%			10%			0%		
	70%	50%	30%	10%	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	30%	10%	50%	10%	30%	10%	10%	0%	0%
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	106	106	106	101	101	101	99	106	106	101	101	101	101	101	99	0%
1	109	104	100	96	106	102	98	94	97	94	91	93	91	88	89	87	85	83	83	83	83	83	83	83	83	83	83	83	83	0%
2	99	91	84	79	96	89	83	78	85	80	76	82	77	74	79	75	72	70	70	70	70	70	70	70	70	70	70	70	70	0%
3	90	80	72	65	88	78	71	65	75	69	64	72	67	62	70	65	61	59	59	59	59	59	59	59	59	59	59	59	59	0%
4	83	71	62	56	80	70	61	55	67	60	54	64	58	53	62	57	53	50	50	50	50	50	50	50	50	50	50	50	50	0%
5	76	63	55	48	74	62	54	48	60	53	47	58	51	46	56	50	46	44	44	44	44	44	44	44	44	44	44	44	44	0%
6	70	57	48	42	68	56	48	42	54	47	41	52	46	41	51	45	40	38	38	38	38	38	38	38	38	38	38	38	38	0%
7	65	52	43	37	64	51	43	37	49	42	37	48	41	36	46	40	36	34	34	34	34	34	34	34	34	34	34	34	34	0%
8	61	47	39	33	59	47	39	33	45	38	33	44	37	32	43	37	32	30	30	30	30	30	30	30	30	30	30	30	30	0%
9	57	43	35	30	55	43	35	30	42	34	29	41	34	29	39	33	29	27	27	27	27	27	27	27	27	27	27	27	27	0%
10	53	40	32	27	52	40	32	27	39	32	27	38	31	27	37	31	27	25	25	25	25	25	25	25	25	25	25	25	25	0%

ANSI/IES TM-30-24 Color Rendition Report

Source: LED Fixture

Make: ELITE

Date: 3/19/2026

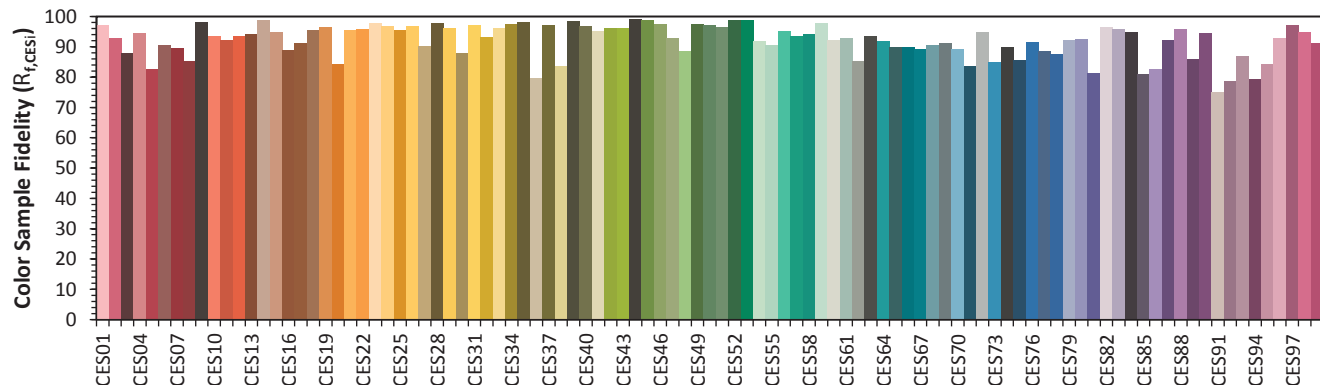
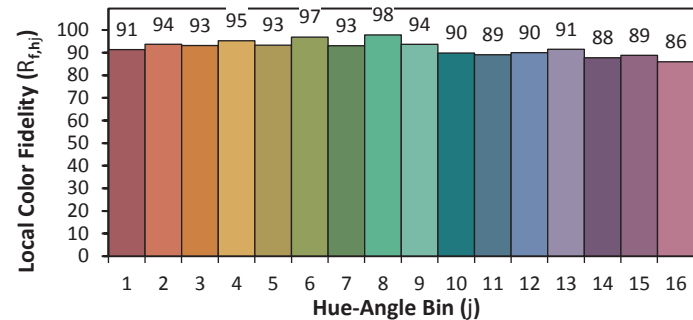
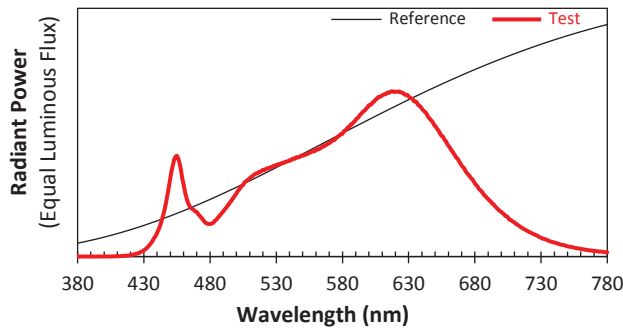
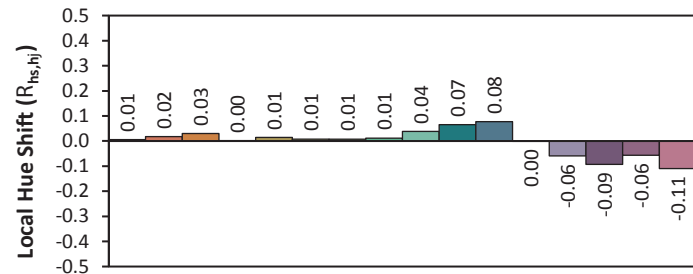
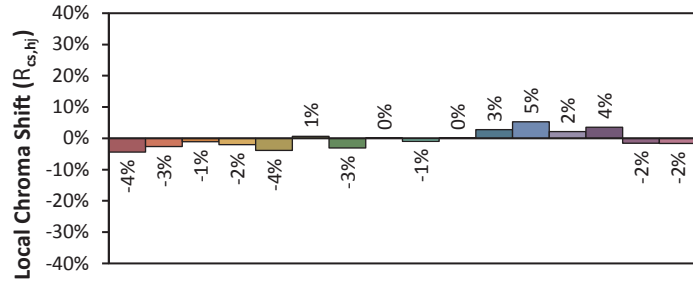
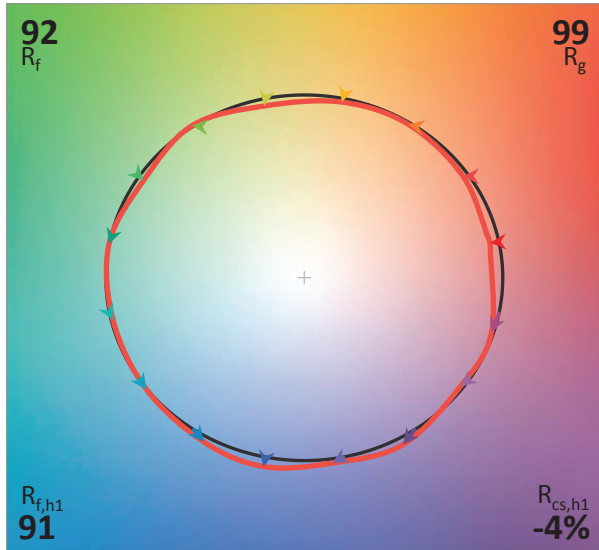
Model: OLS-30K-90 CRI

Notes: 3/19/2026

Other: N/A

CCT: 3013 K
D_{uv}: 0.0002

P2 V- F2



TM-30 Advanced Calculator Version 2.04

Created

3/19/2026

- 1 - Luminaire will be shipped with powerpacks pre-installed, ready to be integrated to designated control systems.
- 2 - Luminaire will be shipped with sensors pre-installed allowing for individual luminaire control and ready to be integrated to designated control systems
- 3 - Luminaire will be shipped with sensors to be remotely installed on the ceiling and ready to be integrated to designated control systems

BRAND	EASYFIT by EnOcean			ENCELIUM	PHILIPS	legrand®		IntelliCast
CONTROL UNIT	☐ NXFM-1R2D-O-UNV NX Fixture Module, Offset, 1 Relay, 2 0-10V Dimming Channels, 120-347VAC, Blue	☐ FCJS-010 LutronVive 0-10V Individual Pow Pak (Luminare is shipped Vive Enabled) ^{1,4} ☐ FCJS-ECO Lutron Vive Eco-system Pow Pak (Luminare is shipped Enabled) ☐ A-WN-D01-RF-WH Athena wireless node (RF only) (White) ☐ A-WN-D01-OCC-WH Athena wireless node with sensor (White)	☐ ZL027 NOW Intellect Power Control Module ^{1,6} ☐ ZL027 NOW Intellect Power Control Module ¹⁶	☐ EN-WCM2-ZB-DR Wireless Control Module ^{1,7} ☐ EN-ALC-ZB-BK-DR Wireless Area Lighting Control Module ^{1,7} ☐ ZBHA-CLM-DIM-ENC Connected Lighting Module DIM ^{1,7}	☐ SBR-BS Xitanium SR Bridge ^{1,8}	☐ LMFC-011 ON/OFF/0-10V dimming fixture controller ^{1,9}	☐ CBU-A2D Bluetooth Controllable	☐ INT-BLE-CO-DIM10-102 6A Fixture Controller power pack
INTEGRATED SENSOR	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
*WIRELESS OCCUPANCY SENSOR	☐ NXSMP2-SMI NX Slide Mount Indoor Sensor Module	N/A	N/A	N/A	N/A	☐ LMDC-100 Dual technology PIR Ceiling Mount Occupancy Sensor ³	☐ SR-CS9030A-PIR-V CASAMBI wireless PIR= daylight sensor	☐ INT-BLE-PIR-107E-WH Wireless PIR ceiling mount occupancy and daylight sensor
*WIRELESS DAYLIGHT SENSOR	☐ LUXSTATLS Luxstat Light Sensor for Luxstat Control Modules, 3 to 6000 FC	N/A	N/A	N/A	N/A	☐ LMLS-400 Single zone switching and dimming digital photosensor ³	☐ SR-CS9030A-PIR-V	☐ INT-BLE-PIR-107E-WH Wireless PIR ceiling mount occupancy and daylight sensor
*WIRELESS OCCUPANCY & DAYLIGHT SENSOR	☐ NXSMDT Indoor Ceiling Mount Sensor - OMNI	N/A	☐ ZL00J-T0W Intellect Intelligent Fixture Control System ³ (Must be specified with ZL027 - NOW Control Unit)	☐ EN-CLM-PIR-DD-ZB SensILUM™ Wireless Integrated Sensor ☐ EN-SCPPH-1500-ZB Wireless Passive Infrared Occupancy and Photo Sensors ³ (Must be specified with EN-WCM2-ZB-DR or EN-ALC-ZB-BK-DR Control Unit)	☐ NSN212 EasyAir Daylight and Occupancy sensor	N/A	☐ SR-CS9030A-PIR-V CASAMBI wireless PIR= daylight sensor	☐ INT-BLE-PIR-107E-WH Wireless PIR ceiling mount occupancy and daylight sensor
ACCESORIES	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
NOTES	N/A	4- Luminaire will be compatible with Lutron LRF2-OCR2B-P-WH Ceiling mount360° occupancy/va-cancy sensor & LRF2-DCRB-WH Ceiling-mount daylight sensor. Sensors must be ordered through Lutron	6- Luminaire will be compatible with Leviton Intellect App & Keypad Room Controller	7- Luminaire will be compatible with EN-SCPPH-1500-ZB Wireless Passive Infrared Occupancy and Photo Sensors	8- Luminaire will be compatible with Philips field and wireless switch.	9- Luminaire will be compatible with DLM Room control system LMPB-100. DLM control system must be orderd through Legrand	☐ 10- Luminaire will be compatible with CASAMBI app & keypad room controller	☐ 11- Luminaire will be compatible with intellicast app & keypad room controller