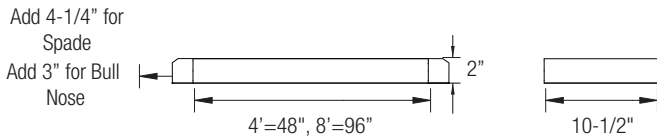




FEATURES

Architectural LED Suspended Linear combines a slim profile with the ultimate in flexibility and creativity, with continuous, uniform and glare-free illumination. Available in many combinations of direct and indirect, with high lumen outputs. Available in single pendant or continuous mounting for a seamless connection from luminaire to luminaire, with adjustable mounting heights and spacings. Create a long-lasting impression with unique designs that complement corporate offices, educational, healthcare, commercial, and retail spaces.

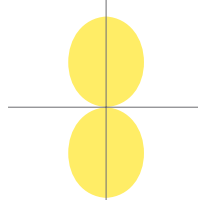
LUMENS	6000, 8000, 12000, 14000
CCT & DYNAMIC PLATFORMS	27K, 30K, 35K, 40K, 50K, Tunable White, Dims to Warm, RGB + White
CRI	90+
COLOR QUALITY	3 Step MacAdam Ellipse
LENGTHS	4', 8' and Continuous
DISTRIBUTION PATTERNS	70U30D (70% up, 30% down), 60U40D (60% up, 40% down), and 50U50D (50% up, 50% down)
MOUNTING	Suspended
FINISH	WH (White), BK (Black), SI (Silver), Custom RAL
DIMMING & CONTROLS	0-10V Flicker Free 1% Dimming Standard (DIM10), LUTH, LUTFTB, LUT2W, DIMST, ELDO10.1, ELDO2MX.1, DALI.1
EMERGENCY	10W - Up to 1000L Output (Bodine BSL310) 20W - Up to 2000L Output P20W (Bodine BSL20)
LIFETIME	L70 at 50,000 hours
PHOTOMETRIC TESTS	In Accordance with IES LM79-08, LM80 and TM-30, TM-21



NOMINAL LUMENS	DELIVERED LUMENS	WATTAGE
14000	13440	102 W
12000	12382	92 W
8000	9184	70 W
6000	6986	46 W

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

DISTRIBUTION : STANDARD
Candlepower Distribution (Candelas)



OPTICS AND PERFORMANCE

Fabricated from 20-gauge aluminum, and post-painted with 95% reflective premium paint. The optical system delivers high efficiency LED light that passes through a high-quality acrylic overlay for optimal distribution patterns, creating a glare-free and even distribution. Indirect distribution options available in medium or batwing, with standard distribution options available in 70U30D (70% up, 30% down), 60U40D (60% up, 40% down), and 50U50D (50% up, 50% down), with zero light leakage.

CONSTRUCTION

Body is constructed of heavy-duty 18-gauge cold rolled steel, and die-cast end caps, and post-painted with 95% reflective premium paint. Joiners will accept sterns, single cable, "Y" cable and power cords.

FINISH

Aluminum electrostatic painted in White or custom RAL colors.

MOUNTING

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.

LENGTHS

All luminaires are supplied in nominal lengths to ensure even illumination. Runs and configurations are available in continuous or 4' and 8' lengths.

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.

OPTIONS

Luminaires can be shipped pre-installed with daylight harvesting controls, occupancy sensors, and/or power packs for individual or room control solutions.

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. Each luminaire must be installed male to female.

DIMMING & DRIVER INFORMATION

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

LUT2W - Lutron LTEA2W Hi-Lume 1%. 2-wire LED Driver Forward Phase Control, 1% dimming in 120V only. Available on all luminaires up to 40 watts.

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

ELD010.1 - EldoLED SoloDrive 0-10V. Dimming down to 0.1%. Available on all luminaires up to 100 watts.

DALI - DALI DT6, DT8 dimming down to 1%. Available on all luminaires up to 100 watts.

ELDODMX - EldoLED PowerDrive dimming down to 0.1%. Available on all luminaires up to 100 watts.

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

DIMST - Step Dimming

WARRANTY

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



LED DYNAMIC PLATFORM OPTIONS

Tunable White with SmartWhite Technology utilizing the Lumenetix Platform allows you to color tune the luminaire via various controls. Create the perfect environment for the desired use of the space, while maintaining a CRI of 90+ across the tunable range of 8000 to 1650K. (Click here for more details)



Dims to Warm with SmartDimming Technology. At 100% full brightness the luminaire is at 3000K. When dimmed to 1%, the light transitions to 1800K, creating a warm ambiance within the space. (Click here for more details)



RGB+White with SmartHue Technology provides full color mixing of RGB and white colors. Utilizing the Lumenetix Platform allows you to choose from unlimited RGB color options, via various controls. Ideal for Circadian Rhythm applications or to create the perfect human centric environment. (Click here for more details)

LISTINGS

c-UL-us - Listed for Feed Through Wiring. PListed for DLC, California Title 24 compliant.

Example: **8-ASI5-LED-6000L-DIM10-MVOLT-30K-90-7030-CRM-WH**

8	ASI5-LED										
LUMINAIRE SIZE 8 - 8'	SERIES ASI5-LED- Oracle Linear Direct/Indirect	DIMMING DIM10 - 0-10V Dimming DIMST - Step Dimming LUTH - Lutron Hilume LUT2W - Lutron 2Wire LUTFTB - Lutron Fade to Black		VOLTAGE MVOLT 347*	CCT 30K - (3000K) 35K - (3500K) 40K - (4000K) 50K - (5000K)	CRI 90	% UP-DOWN 7030 - (70% up 30% down) 6040 - (60% up 40% down) 5050 - (50% up 50% down)	EMERGENCY EMG-LED-10W EMG-LED-20W Must be ordered with CRMPF or SUM option only	SUSPENSION 8-0CGSS - 8' Luminaire	FINISH WH - White BK - Black SI - Silver RAL - Custom Color	
LUMENS 8' LUMINAIRE 6000L (6000 lumens) 8000L (8000 lumens) 12000L (12000 lumens) 14000L (14000 lumens)		ELD010.1 - EldoLED 0-10V ELDODALI - EldoLED DALI ELDODMX - EldoLED DMX		* Consult factory for details							
MOUNTING CRM - Continuous row mounting (When ordering for CRM, please indicate number of runs for complete order.) - Shipped with male and female harness pre-installed. - Shipped with hardware to join luminaires together) CRMPF - Continuous row mounting w/ power feed (Must be ordered for each run separately. Example: For a 12' run - must specify 4-ASI5-LED-4000L-DIM10-MVOLT-30K-7030-CRM-2 and 4-ASI5-LED-4000L-DIM10-MVOLT-30K-7030-CRMPF-1) SUM - Single unit mounting						OTHER OPTIONS INMS - Internal Motion Sensor FBF - Internal Fast Blow Fuse SBF - Internal Slow Blow Fuse RIS - Radio Interference Sensor USA - Made in America Compliance ASI-DJ-CLIP - Drywall toggle					

8-ASI5-LED-6000L-DIM10-MVOLT-40K-6040

INPUT WATTS: **46.2**

LUMENS: **6986**

CRI: **90**

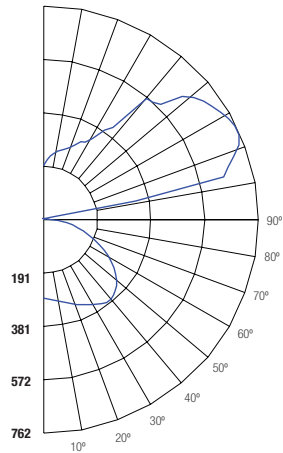
EFFICACY: **151**

CCT: **4000K**

TEST NO.: **EL011953**

SPACING CRITERIA: **N.A.**

Candle Power Distribution (Candelas)



Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	106.41	N.A.	3.00
0-30	244.12	N.A.	7.00
0-40	438.74	N.A.	12.60
0-60	919.25	N.A.	26.30
0-80	1267.78	N.A.	36.30
0-90	1329.71	N.A.	38.10

Luminance (Average candela/M²)

Angle in Degrees	Average		
	0°	45°	90°
45	993	1287	1642
55	1036	1403	1803
65	1049	1455	1882
75	1026	1480	2013
85	1027	1823	2683

Lumens Per Zone

Zone	Lumens
0-10	26.18
10-20	80.23
20-30	137.72
30-40	194.62
40-50	236.56
50-60	243.95
60-70	207.50
70-80	141.03
80-90	61.94

Candela Tabulation

θ	Candela
0	271.424
5	263.286
15	262.465
25	258.984
35	249.176
45	228.482
55	193.406
65	144.255
75	86.391
85	29.128
90	4.890

Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance 0.20

RC	80%				70%				50%				30%				10%				0%			
	RW	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%		
ROOM CAVITY RATIO	0	104	104	104	104	95	95	95	95	77	77	77	60	60	60	45	45	45	38	38	38	38		
1	94	89	85	82	85	81	78	74	74	66	63	61	51	50	48	38	37	36	30	30	30	30		
2	85	77	71	65	77	70	65	60	57	57	53	49	44	41	39	33	31	29	24	24	24	24		
3	77	67	60	53	69	61	54	49	49	44	44	40	38	35	32	28	26	24	19	19	19	19		
4	70	59	51	44	63	54	46	41	41	43	38	34	34	30	27	25	22	20	16	16	16			
5	64	52	44	38	58	47	40	35	35	38	33	29	30	26	23	22	19	17	13	13	13			
6	59	46	38	32	53	42	35	30	34	29	24	24	27	23	20	20	17	15	11	11	11			
7	54	42	33	28	49	38	31	26	31	25	21	24	24	20	17	18	15	13	10	10	10			
8	50	37	30	24	45	34	27	22	28	22	19	22	18	15	16	13	11	9	8	8	8			
9	46	34	26	21	42	31	24	20	25	20	16	20	16	13	15	12	10	8	7	7	7			
10	43	31	24	19	39	28	22	17	23	18	15	18	14	12	14	11	9	7	6	6	6			

RC - Ceiling Cavity Reflectance

RW - Wall Reflectance

8-ASI5-LED-6000L-DIM10-MVOLT-40K-8020

INPUT WATTS: **46.2**

LUMENS: **7436**

CRI: **90**

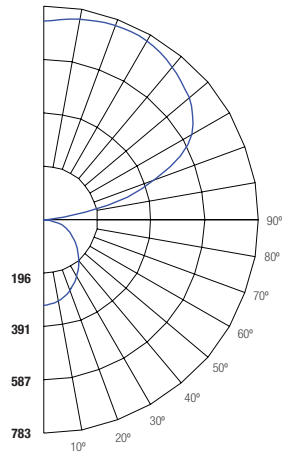
EFFICACY: **152**

CCT: **4000K**

TEST NO.: **EL1117123**

SPACING CRITERIA: **N.A.**

Candle Power Distribution (Candelas)



Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	110.63	N.A.	3.20
0-30	221.42	N.A.	6.30
0-40	338.57	N.A.	9.60
0-60	527.39	N.A.	15.00
0-80	627.79	N.A.	17.90
0-90	640.03	N.A.	18.20

Luminance (Average candela/M²)

Angle in Degrees	Average		
	0°	45°	90°
45	440	552	816
55	379	431	785
65	332	386	798
75	293	364	862
85	237	370	596

Lumens Per Zone

Zone	Lumens
0-10	29.91
10-20	80.72
20-30	110.80
30-40	117.14
40-50	104.25
50-60	84.57
60-70	62.22
70-80	38.18
80-90	12.24

Candela Tabulation

θ	Candela
0	322.025
5	315.776
15	276.053
25	219.767
35	156.752
45	101.340
55	70.794
65	45.710
75	24.647
85	6.730
90	0.000

Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance 0.20

RC	80%				70%				50%				30%				10%				0%			
	RW	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%		
ROOM CAVITY RATIO	0	100	100	100	100	88	88	88	88	66	66	66	45	45	45	27	27	27	18	18	18	18		
1	91	87	83	80	80	80	77	74	71	57	56	54	40	39	38	24	23	23	16	16	16	16		
2	83	76	70	65	73	67	62	58	50	47	45	35	33	32	21	20	19	13	13	13	13			
3	75	67	60	54	66	59	53	49	45	41	38	31	29	27	19	18	17	11	11	11	11			
4	69	59	52	46	61	52	46	41	40	35	32	28	25	23	17	16	14	10	10	10	10			
5	63	52	45	39	56	46	40	35	35	31	28	25	22	20	15	14	13	9	9	9	9			
6	58	47	39	34	51	42	35	31	32	27	24	23	20	18	14	12	11	8	8	8	8			
7	54	42	35	29	47	38	31	27	29	24	21	20	18	15	13	11	10	7	7	7	7			
8	50	38	31	26	44	34	28	23	26	22	19	19	16	14	12	10	9	6	6	6	6			
9	46	35	28	23	41	31	25	21	24	19	16	17	14	12	11	9	8	5	5	5	5			
10	43	32	25	20	38	28	22	18	22	18	15	16	13	11	10	8	7	5	4	4	4			

RC - Ceiling Cavity Reflectance

RW - Wall Reflectance

8-ASI5-LED-8000L-DIM10-MVOLT-40K-6040

INPUT WATTS: **71.4**

LUMENS: **9184**

CRI: **90**

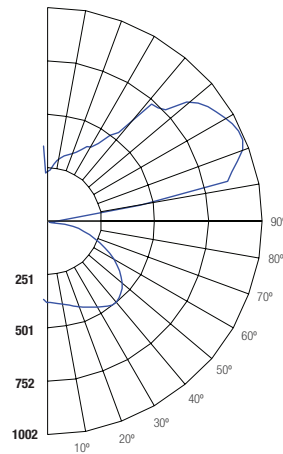
EFFICACY: **129**

CCT: **4000K**

TEST NO.: **EL011953**

SPACING CRITERIA: **N.A.**

Candle Power Distribution (Candelas)



Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	139.86	N.A.	3.00
0-30	320.86	N.A.	7.00
0-40	576.66	N.A.	12.60
0-60	1208.22	N.A.	26.30
0-80	1666.3	N.A.	36.30
0-90	1747.71	N.A.	38.10

Luminance (Average candela/M²)

Angle in Degrees	Average		
	0°	45°	90°
45	1305	1692	2158
55	1362	1843	2369
65	1378	1912	2474
75	1348	1945	2646
85	1350	2396	3526

Lumens Per Zone

Zone	Lumens
0-10	34.41
10-20	105.44
20-30	181.01
30-40	255.79
40-50	310.92
50-60	320.64
60-70	272.73
70-80	185.36
80-90	81.41

Candela Tabulation

θ	Candela
0	356.747
5	346.050
15	344.971
25	340.395
35	327.505
45	300.305
55	254.203
65	189.602
75	113.548
85	38.284
90	6.428

Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance 0.20

RC	80%				70%				50%				30%				10%				0%			
	RW	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%		
ROOM CAVITY RATIO	0	104	104	104	104	95	95	95	95	77	77	77	60	60	60	45	45	45	38	38	38	38		
1	94	89	85	82	85	81	78	74	74	66	63	61	51	50	48	38	37	36	30	30	30	30		
2	85	77	71	65	77	70	64	60	57	53	49	44	41	39	33	31	29	24	24	24	24			
3	77	67	60	53	69	61	54	49	49	44	40	38	35	32	28	26	24	19	19	19	19			
4	70	59	51	44	63	54	46	41	43	38	34	34	30	27	25	22	20	16	16	16	16			
5	64	52	44	38	58	47	40	35	38	33	29	30	26	23	22	19	17	13	13	13	13			
6	59	46	38	32	53	42	35	30	34	29	24	27	23	20	20	17	15	11	11	11	11			
7	54	42	33	28	49	3																		

8-ASI5-LED-8000L-DIM10-MVOLT-40K-8020

INPUT WATTS: **70**

LUMENS: **9152**

CRI: **90**

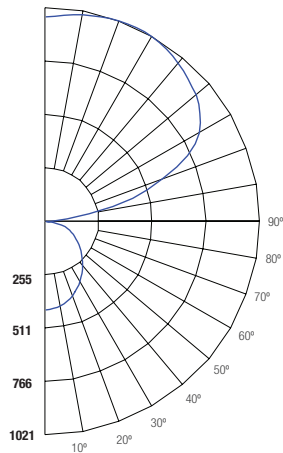
EFFICACY: **131**

CCT: **4000K**

TEST NO.: **EL1117123**

SPACING CRITERIA: **N.A.**

Candle Power Distribution (Candelas)



Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	144.29	N.A.	3.20
0-30	288.82	N.A.	6.30
0-40	441.61	N.A.	9.60
0-60	687.90	N.A.	15.00
0-80	818.86	N.A.	17.90
0-90	834.82	N.A.	18.20

Luminance (Average candela/M²)

Angle in Degrees	Average		
	0°	45°	90°
45	574	720	1064
55	495	563	1024
65	433	503	1041
75	382	475	1124
85	309	482	778

Lumens Per Zone

Zone	Lumens
0-10	39.01
10-20	105.29
20-30	144.52
30-40	152.79
40-50	135.98
50-60	110.31
60-70	81.16
70-80	49.80
80-90	15.96

Candela Tabulation

0	
0	420.033
5	411.882
15	360.069
25	286.653
35	204.459
45	132.183
55	92.340
65	59.622
75	32.148
85	8.778
90	0.000

Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance 0.20

RC	80%				70%				50%				30%				10%				0%			
	RW	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%		
ROOM CAVITY RATIO	0	100	100	100	100	88	88	88	88	66	66	66	46	46	46	27	27	27	18	18	18	18		
1	91	87	83	80	80	80	77	74	71	57	56	54	40	39	38	24	23	23	16	16	16	16		
2	83	76	70	65	73	67	62	58	50	47	45	35	33	32	21	20	20	13	13	13	13			
3	75	67	60	54	66	59	53	49	45	41	38	31	29	27	19	18	17	11	11	11	11			
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5	63	52	45	39	56	46	40	35	35	31	28	25	22	20	15	14	13	9	9	9	9			
6	58	47	39	34	51	42	35	31	32	27	24	23	20	18	14	12	11	8	8	8	8			
7	54	42	35	29	47	38	31	27	29	24	21	20	18	15	13	11	10	7	7	7	7			
8	50	38	31	26	44	34	28	23	26	22	19	19	16	14	12	10	9	6	6	6	6			
9	46	35	28	23	41	31	25	21	24	19	16	17	14	12	11	9	8	5	5	5	5			
10	43	32	25	20	38	28	22	18	22	18	15	16	13	11	10	8	7	5	5	5	5			

RC - Ceiling Cavity Reflectance

RW - Wall Reflectance

8-ASI5-LED-12000L-DIM10-MVOLT-40K-6040

INPUT WATTS: **94.8**

LUMENS: **12382**

CRI: **90**

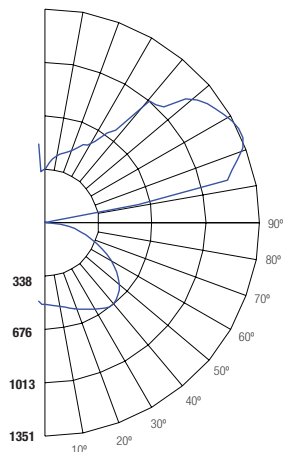
EFFICACY: **131**

CCT: **4000K**

TEST NO.: **EL011953**

SPACING CRITERIA: **N.A.**

Candle Power Distribution (Candelas)



Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	188.58	N.A.	3.00
0-30	432.64	N.A.	7.00
0-40	777.54	N.A.	12.60
0-60	1629.1	N.A.	26.30
0-80	2246.76	N.A.	36.30
0-90	2356.53	N.A.	38.10

Luminance (Average candela/M²)

Angle in Degrees	Average		
	0°	45°	90°
45	1759	2281	2910
55	1836	2486	3195
65	1859	2578	3335
75	1818	2623	3567
85	1820	3230	4755

Lumens Per Zone

Zone	Lumens
0-10	46.40
10-20	142.18
20-30	244.06
30-40	344.90
40-50	419.23
50-60	432.33
60-70	367.73
70-80	249.93
80-90	109.77

Candela Tabulation

0	
0	481.021
5	466.598
15	465.143
25	458.973
35	441.593
45	404.918
55	342.756
65	255.651
75	153.103
85	51.620
90	8.667

Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance 0.20

RC	80%				70%				50%				30%				10%				0%			
	RW	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%		
ROOM CAVITY RATIO	0	104	104	104	104	95	95	95	95	77	77	77	60	60	60	45	45	45	38	38	38	38		
1	94	89	85	82	85	81	78	74	74	66	63	61	51	50	48	38	37	36	30	30	30	30		
2	85	77	71	65	77	70	65	60	57	53	49	44	41	39	33	31	29	24	24	24	24	24		
3	77	67	60	53	69	61	54	49	49	44	40	38	35	32	28	26	24	19	19	19	19			
4	70	59	51	44	63	54	46	41	43	38	34	34	30	27	25	22	20	16	16	16	16			
5	64	52	44	38	58	47	40	35	38	33	29	30	26	23	22	19	17	13	13	13	13			
6	59	46	38	32	53	42	35	30	34	29	24	27	23	20	20	17	15	11	11	11	11			
7	54	42	33	28	49	38	31	26	31	25	21	24	20	17	18	15	13	10	10	10	10			
8	50	37	30	24	45	34	27	22	28	22	19	22	18	15	16	13	11	9	9	9	9			
9	46	34	26	21	42	31	24	20	25	20	16	20	16	13	15	12	10	8	8	8	8			
10	43	31	24	19	39	28	22	17	23	18	15	18	14	12	14	11	9	7	7	7	7			

RC - Ceiling Cavity Reflectance

RW - Wall Reflectance

8-ASI5-LED-12000L-DIM10-MVOLT-40K-8020

INPUT WATTS: **94**

LUMENS: **12444**

CRI: **90**

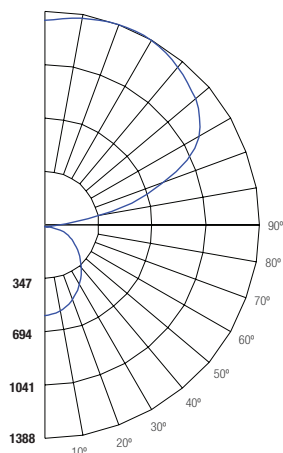
EFFICACY: **132**

CCT: **4000K**

TEST NO.: **EL1117123**

SPACING CRITERIA: **N.A.**

Candle Power Distribution (Candelas)



Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	196.19	N.A.	3.20
0-30	392.69	N.A.	6.30
0-40	600.43	N.A.	9.60
0-60	935.30	N.A.	15.00
0-80	1113.36	N.A.	17.90
0-90	1135.07	N.A.	18.20

Luminance (Average candela/M²)

Angle in Degrees	Average		
	0°	45°	90°
45	781	979	1447
55	673	765	1392
65	589	685	1415
75	519	646	1528
85	421	656	1057

Lumens Per Zone

Zone	Lumens
0-10	53.04
10-20	143.15
20-30	196.50
30-40	207.75
40-50	184.89
50-60	149.98
60-70	110.34
70-80	67.72
80-90	21.71

Candela Tabulation

0	
0	571.097
5	560.015
15	489.567
25	389.747
35	277.992
45	179.722
55	125.550
65	81.065
75	43.710
85	11.935
90	0.000

Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance 0.20

RC	80%				70%				50%				30%				10%				0%			
	RW	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%		
ROOM CAVITY RATIO	0	100	100	100	100	88	88	88	88	66	66	66	46	46	46	27	27	27	18	18	18	18		
1	91	87	83	80	80	80	77	74	71	57	56	54	40	39	38	24	23	23	16	16	16	16		
2	83	76	70	65	73	67	62	58	50	47	45	35	33	32	21	20	20	13	13	13	13			
3	75	67	60	54	66	59	53	49	45	41	38	31	29	27	19	18	17	11	11	11	11			
4	69	59	52	46	61	52	46	41	40	35	32	28	25	23	17	16	14	10	10	10	10			
5	63	52	45	39	56	46	40	35	35	31	28	25	22	20	15	14	13	9	9	9	9			
6	58	47	39	34	51	42	35	31	32	27	24	23	20	18	14	12	11	8	8	8	8			
7	54	42	35	29	47	38	31	27	29	24	21													

8-ASI5-LED-14000L-DIM10-MVOLT-40K-6040

TEST NO.: **EL011953**

INPUT WATTS: **102**

LUMENS: **13386**

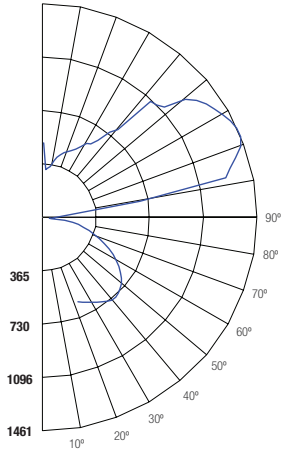
CRI: **90**

EFFICACY: **130**

CCT: **4000K**

SPACING CRITERIA: **N.A.**

Candle Power Distribution (Candelas)



Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	203.85	N.A.	3.00
0-30	467.67	N.A.	7.00
0-40	840.50	N.A.	12.60
0-60	1761.02	N.A.	26.30
0-80	2428.7	N.A.	36.30
0-90	2547.35	N.A.	38.10

Luminance (Average candela/M²)

Angle in Degrees	Average		
	0°	45°	90°
45	1902	2466	3146
55	1985	2687	3453
65	2009	2787	3605
75	1965	2835	3856
85	1967	3492	5140

Lumens Per Zone

Zone	Lumens
0-10	50.16
10-20	153.69
20-30	263.83
30-40	372.83
40-50	453.18
50-60	467.34
60-70	397.51
70-80	270.17
80-90	118.65

Candela Tabulation

0	
0	519.973
5	504.381
15	502.809
25	496.140
35	477.352
45	437.707
55	370.511
65	276.353
75	165.500
85	55.800
90	9.369

Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance 0.20

ROOM CAVITY RATIO	RC	80%				70%				50%				30%				10%				0%			
		RW	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%					
0	0	104	104	104	104	95	95	95	95	77	77	77	60	60	60	45	45	45	38						
1	1	94	89	85	82	85	81	78	74	66	63	61	51	50	48	38	37	36	30						
2	2	85	77	71	65	77	70	64	60	57	53	49	44	41	39	33	31	29	24						
3	3	77	67	60	53	69	61	54	49	49	44	40	38	35	32	28	26	24	19						
4	4	70	59	51	44	63	54	46	41	43	38	34	34	30	27	25	22	20	16						
5	5	64	52	44	38	58	47	40	35	38	33	29	30	26	23	22	19	17	13						
6	6	59	46	38	32	53	42	35	30	34	29	24	27	23	20	20	17	15	11						
7	7	54	42	33	28	49	38	31	26	31	25	21	24	20	17	18	15	13	10						
8	8	50	37	30	24	45	34	27	22	28	22	19	22	18	15	16	13	11	9						
9	9	46	34	26	21	42	31	24	20	25	20	16	20	16	13	15	12	10	8						
10	10	43	31	24	19	39	28	22	17	23	18	15	18	14	12	14	11	9	7						

RC - Ceiling Cavity Reflectance

RW - Wall Reflectance

8-ASI5-LED-14000L-DIM10-MVOLT-40K-8020

TEST NO.: **EL1117123**

INPUT WATTS: **102**

LUMENS: **13440**

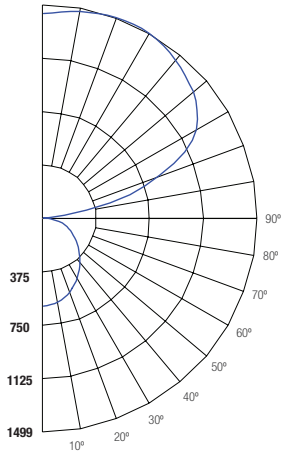
CRI: **90**

EFFICACY: **132**

CCT: **4000K**

SPACING CRITERIA: **N.A.**

Candle Power Distribution (Candelas)



Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	211.89	N.A.	3.20
0-30	424.10	N.A.	6.30
0-40	648.47	N.A.	9.60
0-60	1010.13	N.A.	15.00
0-80	1202.43	N.A.	17.90
0-90	1225.87	N.A.	18.20

Luminance (Average candela/M²)

Angle in Degrees	Average		
	0°	45°	90°
45	843	1057	1562
55	726	826	1504
65	637	739	1529
75	560	698	1650
85	454	708	1142

Lumens Per Zone

Zone	Lumens
0-10	57.28
10-20	154.60
20-30	212.22
30-40	224.36
40-50	199.68
50-60	161.98
60-70	119.17
70-80	73.13
80-90	23.44

Candela Tabulation

0	
0	616.785
5	604.816
15	528.733
25	420.927
35	300.232
45	194.100
55	135.594
65	87.550
75	47.207
85	12.890
90	0.000

Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance 0.20

ROOM CAVITY RATIO	RC	80%				70%				50%				30%				10%				0%			
		RW	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%					
0	0	100	100	100	100	88	88	88	88	66	66	66	45	45	45	27	27	27	18						
1	1	91	87	83	80	80	77	74	71	57	56	54	40	39	38	24	23	23	16						
2	2	83	76	70	65	73	67	62	58	50	47	45	35	33	32	21	20	19	13						
3	3	75	67	60	54	66	59	53	49	45	41	38	31	29	27	19	18	17	11						
4	4	69	59	52	46	61	52	46	41	40	35	32	28	25	23	17	16	14	10						
5	5	63	52	45	39	56	46	40	35	35	31	28	25	22	20	15	14	13	9						
6	6	58	47	39	34	51	42	35	31	32	27	24	23	20	18	14	12	11	8						
7	7	54	42	35	29	47	38	31	27	29	24	21	20	18	15	13	11	10	7						
8	8	50	38	31	26	44	34	28	23	26	22	19	19	16	14	12	10	9	6						
9	9	46	35	28	23	41	31	25	21	24	19	16	17	14	12	11	9	8	6						
10	10	43	32	25	20	38	28	22	18	22	18	15	16	13	11	10	8	7	5						

RC - Ceiling Cavity Reflectance

RW - Wall Reflectance

INTEGRATED SENSOR AND CONTROL OPTIONS

With the integration of controls, Elite Lighting now offers its products with controls-ready performance that increases energy efficiency, smarter space planning, and the enhancement of safety and productivity in the workplace. By utilizing these controls, Elite Lighting luminaires enable your customer's facility to run smarter, with the use of an easily controlled system through any platform.

Luminaire will be shipped with Powerpacks pre-installed, ready to be integrated to designated control systems

Luminaire will be shipped with Sensors installed on the luminaire, allowing for individual luminaire control. Luminaires will be ready to be integrated with designated control systems

Luminaire will be shipped with Sensors to be remotely installed on the ceiling. Luminaires will be ready to be integrated with designated control systems

BRAND	EASYFIT by EnOcean	LUTRON	enlighted	LEVITON®	OSRAM	PHILIPS EasySense	legrand®
CONTROL UNIT	<input type="checkbox"/> LEDRU LED Relay Zone Controller 0-10V	<input type="checkbox"/> Lutron Vive FCJS-010 0-10V Individual Control Models	<input type="checkbox"/> CU-4E-FMH Fixture Mount Control Unit	<input type="checkbox"/> ZL00J -TOW Intellect Intelligent Fixture Control System	<input type="checkbox"/> EN-WCM2-ZB-DR Wireless Control Module	<input type="checkbox"/> XITANIUM SR LED DRIVER The Philips Advance Xitanium SR LED driver	<input type="checkbox"/> LMFC-011 ON/OFF/0-10V dimming fixture controller
	<input type="checkbox"/> LEDDU LED Zone Controller 0-10V	<input type="checkbox"/> Lutron Vive FCJS-ECO Eco-system Individual Control Models		<input type="checkbox"/> ZL00J-DOW Intellect Intelligent Fixture Control System	<input type="checkbox"/> EN- ALC-ZB-BK-DR Wireless Area Lighting Control Module		<input type="checkbox"/> FS-PP-V2 FS-PP Fixture Integrated Sensor Power Pack
INTEGRAT SENSOR	N/A	<input type="checkbox"/> DFCSJ-OEM-RF Clear Connect (RF) only	<input type="checkbox"/> SU-5E-xxx* Micro Sensor *Product Codes: xxx IoT= IoT Node CL= Connected Lighting IL= Independent Lighting / Enlighted One	<input type="checkbox"/> ZL027 -NOW Intellect Power Control Module	<input type="checkbox"/> EN-CLM-PIR-DD-ZB SensiLUM™ Wireless Integrated Sensor	<input type="checkbox"/> SNS200 SNS200 for grouping	<input type="checkbox"/> FD-301 Fixture integrated Daylight Dimming Sensor
		<input type="checkbox"/> DFCSJ-OEM-OCC Clear Connect (RF) and Occupancy/Daylight Sensing		<input type="checkbox"/> ZL027-DLE Intellect Power Control Module	<input type="checkbox"/> ZBHA-CLM-DIM-ENC Connected Lighting Module DIM	<input type="checkbox"/> SNS300 SNS300 for networks	<input type="checkbox"/> FS-205 Fixture integrated passive infrared occupancy sensor
WIRELESS OCCUPANCY SENSOR	<input type="checkbox"/> EO SCU-W-EO Occupancy Sensor - Ceiling Mounted	<input type="checkbox"/> LRF2-OCR2B-P-WH Ceiling mount 360° ,occupancy/vacancy sensor	<input type="checkbox"/> SU-5S-H-xxx Surface Mount Sensor	N/A	<input type="checkbox"/> EN-SCPPH-1500-ZB Wireless Passive Infrared Occupancy and Photo Sensors	N/A	<input type="checkbox"/> LMDC-100 Dual technology PIR Ceiling Mount Occupancy Sensor
WIRELESS DAYLIGHT SENSOR	<input type="checkbox"/> ELLSU-W-EO Light Level Sensor - Ceiling Mounted	<input type="checkbox"/> LRF2-DCRB-WH Ceiling-mount daylight sensor	<input type="checkbox"/> SU-5S-H-xxx Surface Mount Sensor	N/A	<input type="checkbox"/> EN-SCPPH-1500-ZB Wireless Passive Infrared Occupancy and Photo Sensors	N/A	<input type="checkbox"/> EN-SCPPH-1500-ZB Wireless Passive Infrared Occupancy and Photo Sensors