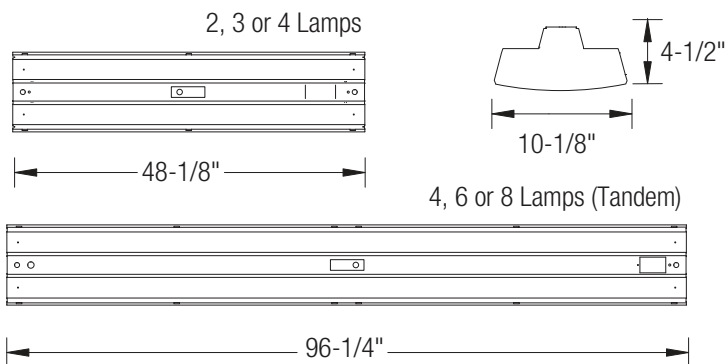


DIMENSIONS



NOMINAL LUMENS	DELIVERED LUMENS	WATTAGE
2500	2549	21W
4000	4317	36W
5000	5093	42W
6000	6087	51W
7000	7092	59W
8000	8084	68W
10000	9923	84W

Based on 4000K, 85+ CRI. Actual wattage may vary +/- 5%

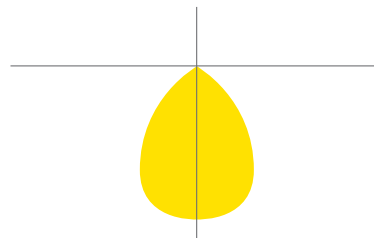
FEATURES

The Louvered high bay OLB-LED is a general-purpose lighting fixture available in 4' lengths and different output models are suitable to meet most applications, it is ideal for garages, warehouse, assembly lines, and other areas where typical fluorescent industrial lighting fixtures are common. The specially formulated frosted overlay diffuser obscures the LEDs from view while providing excellent light transmission

LUMENS	2500L, 4000L, 5000L, 6000L, 7000L, 8000L, 10000L
CCT	35K, 40K, 50K
CRI	85+ Standard
COLOR QUALITY	3-Step MacAdam Ellipse
MOUNTING	Suspended Mount
DIMMING	0-10V Flicker Free 5% Dimming Standard (DIM10)
FINISH	White
OPERATION TEMP.	-20°C (-4°F) to 50°C /122°F
LIFETIME	L70 at 100,000 Hours
PHOTOMETRIC TESTS	In accordance with IES LM79-08, LM80 and TM-30,TM-21

DIMENSIONS

Candlepower Distribution Curve



OPTICAL SYSTEM

The LED light engine is secured to the body of the luminaire, with the body acting as a heat sink. Fixture is designed with a flat blade cross baffle to provide high viewing lamp shielding to reduce brightness and glare

MOUNTING

This luminaire is specifically designed for suspended mount applications, including stem, chain & adjustable aircraft cable. Mounting kits available (ordered separately).

CONSTRUCTION

Body made from heavy-duty 18-gauge cold rolled steel, post-painted with white finish and engineered for maximum strength and extended life. All corners interlock for added structural strength, with sides and corners uniformly turned in and hemmed to remove sharp edges for safe handling and easy installation. Luminaire is supplied with multiple wiring entrances for easy daisy chain, continuous row mounting, or to add power packs, whips, or other accessories in the field

FINISH

Post-painted with a 93% reflective white coat to improve luminaire efficacy, with all body components seamlessly interlocked for added structural strength.

OPTIONS

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

DRIVER ELECTRICAL INFORMATION

Powered by high-quality constant-current power LED drivers which are rated for 50 to 60Hz at 120/277V input. Available in 347V., produce less than 20% THD, and have a power factor of .90 to 1.00.

DIMMING & DRIVER INFORMATION

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

WARRANTY

5-year warranty for parts and components (labor not included).

LISTING

c-UL-us - Listed for Feed Through Wiring.
Listed for DLC 5.1 Premium, California Title 24 compliant.
c-UL-us Damp location listed.

Example: **4-OLB-LED-8000L-DIM10-MVOLT-35K-85-O-EMG-LED-10W**

4-OLB-LED								
SERIES	LUMENS	DIMMING	VOLTAGE	CCT	CRI	EMERGENCY		
4-OLB-LED Oracle LED High Bay Series	2500L 4000L 5000L 6000L 7000L 8000L 10000L	DIM10 - 0-10V Dimming	MVOLT 347V	35K 40K 50K	85	O-EMG-LED-10W		
OTHER OPTION		SENSOR OPTION						
*VHCH - V-Hook with Chain Kit (included) GSS - 10' Gripple Suspension System S05 - 12' Power Cord with 5 Conductors for 1-10V Dimming Fixtures S06 - 12' Power Cord with 6 Conductors for 1-10V Dimming and with Emergency		411-HBOLA-PDX - PIR Fixture Mount Occupancy Sensor with Daylight Harvesting with 0-10V Dimming. HBP-111 - PIR Fixture Mount High Bay Occupancy Sensor. FSP-221-B-D-LX - PIR Drop Nipple Fixture Mount Bay Sensor with Daylight Harvesting with 0-10V Dimming. BT-FMS-A - Bluetooth® enabled fixture mounted occupancy/daylight sensor and controller						
		FSP311-B-D-LX - 0-10V Continuous Dimming PIR Photo/Motion Sensor with Bluetooth® Control Option. OFD1Z-10W - PIR Smart Occupancy Sensor with 421-OSFLA-LTW - Photocell, End/Fixture Mount. FSP-321B-D-LX - High Bay Sensor with Aisle and Adapter with 42" leads PIR Side mount high Bay Sensor with Daylight Harvesting with 0-10V Dimming with bluetooth control option.						

ACCESSORIES



VHCH
V-hook with Chain Kit (Included)



GSS
10' Gripper Suspension System

WHIPS

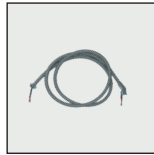
CB high bays can be shipped with pre-installed modular wiring systems by AFC cable



C3
3/8 X 6FT Flex Assy 3/18
Black, White, Green wire
84° 90° & STR
SNAP - Aluminum
Single Circuit



C5
3/8 X 6FT Flex Assy 18/5
White, Gray, Purple wire
Extended to 12'



C6
6-wire Flex Cable
(Single Circuit)



1DB1•2DB1
120/208/240V • 277/480V
Distribution cables
3-wire w/ground-phase A, B,
1' cable length



S05-BK
5-Wire Black Cord
18AWG 105° C
White, Black, Green,
Purple, Gray wire
120/277V



S05-WH
5-Wire White Cord
18AWG 105° C
White, Black, Green,
Purple, Gray wire
120/277V



S06-BK
6-Wire Black Cord
White, Black, Green,
Purple, Gray, Orange wire



S06-WH
6-Wire Black Cord
White, Black, Green,
Purple, Gray, Orange wire

PLUGS

CB high bays can be shipped with pre-installed modular wiring systems by AFC cable



PCTL120
Lock Plug
10' NEMA L5-15R 120V



PCSB120
PCSB120-BK
Straight Blade Plug
10' NEMA 5-15R 120V
White & Black



PCTL277
Twist Lock Plug
10' NEMA L7-15P 277V



PCTL480V
Twist Lock Plug
10' NEMA LA20P 480V



1CB1SC1HV
2CB1SC1HV
1=Lighting "T" w/Drop Cord
2=277/480V Distribution Cable
3-wire w/ground-phase A,B
3' cable length, 12 AWG,
Hi-Voltage (optional)

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

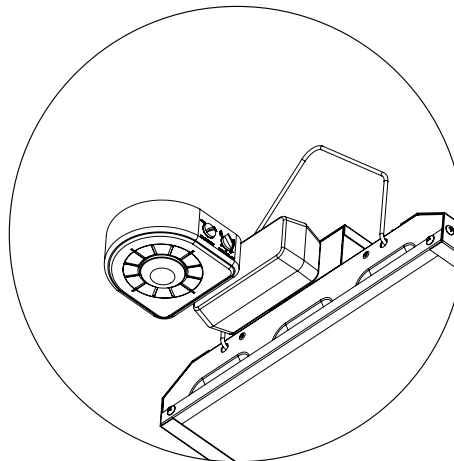
Luminaire will be shipped with Sensors installed on the luminaire, allowing for individual luminaire control.

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	LEVITON	legrand
HIGH BAY SENSORS	OSFHU-LTW - PIR Fixture Mount High Bay Occupancy Sensor.	HBP-111 - PIR Fixture Mount High Bay Occupancy Sensor.
	411-HBOLA-PDX - PIR Fixture Mount Occupacy Sensor with Daylight Harvesting with 0-10V Dimming.	FSP-221-B-D - PIR Drop Nipple Fixture Mount Bay Sensor with Daylight Harvesting with 0-10V Dimming.
	OFD1Z-10W - PIR Smart Occupancy Sensor with Photocell, End/Fixture Mount.	FSP-321B-D - PIR Side mount high Bay Sensor with Daylight Harvesting with 0-10V Dimming, with bluetooth control option.
	421-OSFLA-LTW - High Bay Sensor with Aisle and Adapter with 42" leads	

SIDE MOUNT OCCUPANCY DAYLIGHT HARVESTING SENSOR



SENSOR OPTION

- OSFHU-LTW** - PIR Fixture Mount High Bay Occupancy Sensor.
- 411-HBOLA-PDX** - PIR Fixture Mount Occupacy Sensor with Daylight Harvesting with 0-10V Dimming.
- HBP-111** - PIR Fixture Mount High Bay Occupancy Sensor.
- FSP-221-B-D** - PIR Drop Nipple Fixture Mount Bay Sensor with Daylight Harvesting with 0-10V Dimming.
- OFD1Z-10W** - PIR Smart Occupancy Sensor with Photocell, End/Fixture Mount.
- 421-OSFLA-LTW** - High Bay Sensor with Aisle and Adapter with 42" leads

4-OLB-LED-2500L-DIM10-MVOLT-40K-85

TEST NO.: **EL09102515**

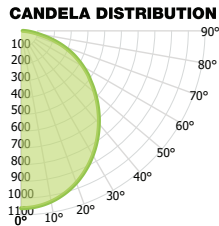
INPUT WATTS: **21.3**

LUMENS: **2549**

EFFICACY: **120**

BEAM ANGLE: **106**

SPACING CRITERIA: **1.20**



CANDELA TABLE

	0°	90°
0°	1060	1060
10°	1036	1018
20°	966	914
30°	858	771
40°	724	605
50°	576	441
60°	429	270
70°	269	125
80°	97	58
90°	10	3

LUMINANCE (cd/sq.m)

	0.00°	90.00°
0.00°	2853	2853
45.00°	2477	2000
55.00°	2353	1662
65.00°	2246	1206
75.00°	1867	930
85.00°	1365	898

LUMENS PER ZONE

ZONE	LUMENS
0° - 10°	100
10° - 20°	278
20° - 30°	404
30° - 40°	460
40° - 50°	447
50° - 60°	376
60° - 70°	262
70° - 80°	141
80° - 90°	48

ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LUMINAIRE
0° - 20°	378	15%
0° - 30°	782	31%
0° - 40°	1242	49%
0° - 60°	2065	81%
0° - 80°	2468	97%
0° - 90°	2516	99%

CONE OF LIGHT

MOUNTING HEIGHT	FC AT BEAM CENTER	BEAM DIA. 0° -180°	BEAM DIA. 90° -270°
6.0 ft	29.5 fc	15.9 ft	11.9 ft
8.0 ft	16.6 fc	21.3 ft	15.8 ft
10.0 ft	10.6 fc	26.6 ft	19.8 ft
12.0 ft	7.4 fc	31.9 ft	23.8 ft
14.0 ft	5.4 fc	37.2 ft	27.7 ft
16.0 ft	4.1 fc	42.5 ft	31.7 ft
18.0 ft	3.3 fc	47.8 ft	35.7 ft
20.0 ft	2.7 fc	53.1 ft	39.6 ft

INDOOR COEFFICIENTS OF UTILIZATION

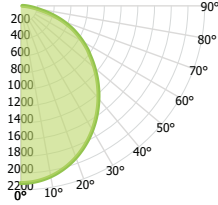
pf	20%															30%															10%															0%																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
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4-OLB-LED-5000L-DIM10-MVOLT-40K-85

TEST NO.: **EL09102515**

INPUT WATTS: **42.8** LUMENS: **5093** EFFICACY: **119** BEAM ANGLE: **106** SPACING CRITERIA: **1.20**

CANDELA DISTRIBUTION



CANDELA TABLE

	0°	90°
0°	2119	2119
10°	2071	2035
20°	1930	1826
30°	1714	1540
40°	1446	1210
50°	1151	881
60°	856	539
70°	538	250
80°	194	117
90°	19	7

LUMINANCE (cd/sq.m)

	0.00°	90.00°
0.00°	5701	5701
45.00°	4950	3996
55.00°	4702	3322
65.00°	4487	2409
75.00°	3729	1859
85.00°	2728	1794

LUMENS PER ZONE

ZONE	LUMENS
0° - 10°	199
10° - 20°	556
20° - 30°	808
30° - 40°	919
40° - 50°	893
50° - 60°	750
60° - 70°	523
70° - 80°	282
80° - 90°	95

ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LUMINAIRE
0° - 20°	756	15%
0° - 30°	1563	31%
0° - 40°	2482	49%
0° - 60°	4125	81%
0° - 80°	4931	97%
0° - 90°	5026	99%

CONE OF LIGHT

MOUNTING HEIGHT	FC AT BEAM CENTER	BEAM DIA. 0° -180°	BEAM DIA. 90° -270°
6.0 ft	58.8 fc	15.9 ft	11.9 ft
8.0 ft	33.1 fc	21.3 ft	15.8 ft
10.0 ft	21.2 fc	26.6 ft	19.8 ft
12.0 ft	14.7 fc	31.9 ft	23.8 ft
14.0 ft	10.8 fc	37.2 ft	27.7 ft
16.0 ft	8.3 fc	42.5 ft	31.7 ft
18.0 ft	6.5 fc	47.8 ft	35.7 ft
20.0 ft	5.3 fc	53.1 ft	39.6 ft

INDOOR COEFFICIENTS OF UTILIZATION

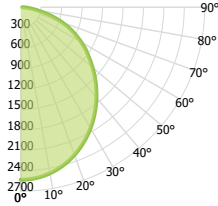
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pw	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%
0	119	119	119	119	116	116	116	116	110	110	110	105	105	105	101	101	101	99
1	109	104	100	97	106	102	98	95	98	94	92	93	91	89	90	88	86	84
2	100	92	85	80	97	90	84	79	86	81	77	83	78	75	79	76	73	71
3	91	81	73	67	89	79	72	66	76	70	65	73	68	64	71	66	62	60
4	84	72	64	57	81	71	63	57	68	61	56	66	60	55	63	58	54	52
5	77	65	56	50	75	64	56	49	61	54	49	59	53	48	57	52	48	45
6	72	59	50	44	70	58	49	44	56	48	43	54	47	43	52	47	42	40
7	66	53	45	39	65	53	44	39	51	44	38	49	43	38	48	42	38	36
8	62	49	41	35	60	48	40	35	47	40	34	45	39	34	44	38	34	32
9	58	45	37	32	57	44	37	31	43	36	31	42	36	31	41	35	31	29
10	54	42	34	29	53	41	34	29	40	33	28	39	33	28	38	32	28	26

4-OLB-LED-6000L-DIM10-MVOLT-40K-85

TEST NO.: **EL09102515**

INPUT WATTS: **51.2** LUMENS: **6087** EFFICACY: **119** BEAM ANGLE: **106** SPACING CRITERIA: **1.20**

CANDELA DISTRIBUTION



CANDELA TABLE

	0°	90°
0°	2532	2532
10°	2475	2432
20°	2307	2183
30°	2049	1840
40°	1728	1446
50°	1376	1053
60°	1023	644
70°	643	299
80°	232	140
90°	23	8

LUMINANCE (cd/sq.m)

	0.00°	90.00°
0.00°	6814	6814
45.00°	5916	4776
55.00°	5620	3970
65.00°	5363	2879
75.00°	4457	2222
85.00°	3260	2144

LUMENS PER ZONE

ZONE	LUMENS
0° - 10°	238
10° - 20°	665
20° - 30°	965
30° - 40°	1098
40° - 50°	1067
50° - 60°	897
60° - 70°	625
70° - 80°	337
80° - 90°	114

ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LUMINAIRE
0° - 20°	903	15%
0° - 30°	1868	31%
0° - 40°	2966	49%
0° - 60°	4930	81%
0° - 80°	5893	97%
0° - 90°	6007	99%

CONE OF LIGHT

MOUNTING HEIGHT	FC AT BEAM CENTER	BEAM DIA. 0° -180°	BEAM DIA. 90° -270°
6.0 ft	70.3 fc	15.9 ft	11.9 ft
8.0 ft	39.6 fc	21.3 ft	15.8 ft
10.0 ft	25.3 fc	26.6 ft	19.8 ft
12.0 ft	17.6 fc	31.9 ft	23.8 ft
14.0 ft	12.9 fc	37.2 ft	27.7 ft
16.0 ft	9.9 fc	42.5 ft	31.7 ft
18.0 ft	7.8 fc	47.8 ft	35.7 ft
20.0 ft	6.3 fc	53.1 ft	39.6 ft

INDOOR COEFFICIENTS OF UTILIZATION

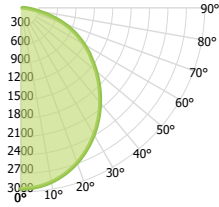
pf	pc	20%																0%
pw	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%
0	119	119	119	119	116	116	116	116	110	110	110	105	105	105	101	101	101	99
1	109	104	100	97	106	102	98	95	98	94	92	93	91	89	90	88	86	84
2	100	92	85	80	97	90	84	79	86	81	77	83	78	75	79	76	73	71
3	91	81	73	67	89	79	72	66	76	70	65	73	68	64	71	66	62	60
4	84	72	64	57	81	71	63	57	68	61	56	66	60	55	63	58	54	52
5	77	65	56	50	75	64	56	49	61	54	49	59	53	48	57	52	48	45
6	72	59	50	44	70	58	49	44	56	48	43	54	47	43	52	47	42	40
7	66	53	45	39	65	53	44	39	51	44	38	49	43	38	48	42	38	36
8	62	49	41	35	60	48	40	35	47	40	34	45	39	34	44	38	34	32
9	58	45	37	32	57	44	37	31	43	36	31	42	36	31	41	35	31	29
10	54	42	34	29	53	41	34	29	40	33	28	39	33	28	38	32	28	26

4-OLB-LED-7000L-DIM10-MVOLT-40K-85

TEST NO.: **EL09102515**

INPUT WATTS: **59.8** LUMENS: **7092** EFFICACY: **119** BEAM ANGLE: **106** SPACING CRITERIA: **1.20**

CANDELA DISTRIBUTION



CANDELA TABLE

	0°	90°
0°	2950	2950
10°	2883	2833
20°	2688	2543
30°	2387	2144
40°	2014	1684
50°	1603	1227
60°	1192	750
70°	749	348
80°	270	163
90°	27	9

LUMINANCE (cd/sq.m)

	0.00°	90.00°
0.00°	7939	7939
45.00°	6893	5565
55.00°	6548	4625
65.00°	6248	3355
75.00°	5193	2588
85.00°	3799	2498

LUMENS PER ZONE

ZONE	LUMENS
0° - 10°	277
10° - 20°	775
20° - 30°	1125
30° - 40°	1280
40° - 50°	1243
50° - 60°	1045
60° - 70°	729
70° - 80°	393
80° - 90°	133

ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LUMINAIRE
0° - 20°	1052	15%
0° - 30°	2177	31%
0° - 40°	3456	49%
0° - 60°	5744	81%
0° - 80°	6866	97%
0° - 90°	6999	99%

CONE OF LIGHT

MOUNTING HEIGHT	FC AT BEAM CENTER	BEAM DIA. 0° -180°	BEAM DIA. 90° -270°
6.0 ft	81.9 fc	15.9 ft	11.9 ft
8.0 ft	46.1 fc	21.3 ft	15.8 ft
10.0 ft	29.5 fc	26.6 ft	19.8 ft
12.0 ft	20.5 fc	31.9 ft	23.8 ft
14.0 ft	15.1 fc	37.2 ft	27.7 ft
16.0 ft	11.5 fc	42.5 ft	31.7 ft
18.0 ft	9.1 fc	47.8 ft	35.7 ft
20.0 ft	7.4 fc	53.1 ft	39.6 ft

INDOOR COEFFICIENTS OF UTILIZATION

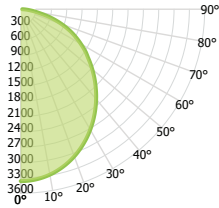
		80%				70%				50%				30%				10%				0%
pc	pw	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%
0	119	119	119	119	116	116	116	116	110	110	110	105	105	105	105	101	101	101	99	99	99	0%
1	109	104	100	97	106	102	98	95	98	94	92	93	91	89	90	88	86	84	84	84	84	0%
2	100	92	85	80	97	90	84	79	86	81	77	83	78	75	79	76	73	71	71	71	71	0%
3	91	81	73	67	89	79	72	66	76	70	65	73	68	64	71	66	62	60	60	60	60	0%
4	84	72	64	57	81	71	63	57	68	61	56	66	60	55	63	58	54	52	52	52	52	0%
5	77	65	56	50	75	64	56	49	61	54	49	59	53	48	57	52	48	45	45	45	45	0%
6	72	59	50	44	70	58	49	44	56	48	43	54	47	43	52	47	42	40	40	40	40	0%
7	66	53	45	39	65	53	44	39	51	44	38	49	43	38	48	42	38	36	36	36	36	0%
8	62	49	41	35	60	48	40	35	47	40	34	45	39	34	44	38	34	32	32	32	32	0%
9	58	45	37	32	57	44	37	31	43	36	31	42	36	31	41	35	31	29	29	29	29	0%
10	54	42	34	29	53	41	34	29	40	33	28	39	33	28	38	32	28	26	26	26	26	0%

4-OLB-LED-8000L-DIM10-MVOLT-40K-85

TEST NO.: **EL09102515**

INPUT WATTS: **68.4** LUMENS: **8084** EFFICACY: **118** BEAM ANGLE: **106** SPACING CRITERIA: **1.20**

CANDELA DISTRIBUTION



CANDELA TABLE

	0°	90°
0°	3363	3363
10°	3286	3230
20°	3064	2899
30°	2721	2444
40°	2295	1920
50°	1827	1398
60°	1359	855
70°	854	397
80°	308	185
90°	30	11

LUMINANCE (cd/sq.m)

	0.00°	90.00°
0.00°	9049	9049
45.00°	7857	6343
55.00°	7464	5272
65.00°	7122	3824
75.00°	5920	2951
85.00°	4330	2847

LUMENS PER ZONE

ZONE	LUMENS
0° - 10°	316
10° - 20°	883
20° - 30°	1282
30° - 40°	1458
40° - 50°	1417
50° - 60°	1191
60° - 70°	830
70° - 80°	448
80° - 90°	152

ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LUMINAIRE
0° - 20°	1199	15%
0° - 30°	2481	31%
0° - 40°	3940	49%
0° - 60°	6548	81%
0° - 80°	7826	97%
0° - 90°	7978	99%

CONE OF LIGHT

MOUNTING HEIGHT	FC AT BEAM CENTER	BEAM DIA. 0° -180°	BEAM DIA. 90° -270°
6.0 ft	93.4 fc	15.9 ft	11.9 ft
8.0 ft	52.5 fc	21.3 ft	15.8 ft
10.0 ft	33.6 fc	26.6 ft	19.8 ft
12.0 ft	23.4 fc	31.9 ft	23.8 ft
14.0 ft	17.2 fc	37.2 ft	27.7 ft
16.0 ft	13.1 fc	42.5 ft	31.7 ft
18.0 ft	10.4 fc	47.8 ft	35.7 ft
20.0 ft	8.4 fc	53.1 ft	39.6 ft

INDOOR COEFFICIENTS OF UTILIZATION

		80%				70%				50%				30%				10%				0%
pc	pw	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	110	110	110	105	105	105	105	101	101	101	99	99	99	0%
1	109	104	100	97	106	102	98	95	98	94	92	93	91	89	90	88	86	84	84	84	84	0%
2	100	92	85	80	97	90	84	79	86	81	77	83	78	75	79	76	73	71	71	71	71	0%
3	91	81	73	67	89	79	72	66	76	70	65	73	68	64	71	66	62	60	60	60	60	0%
4	84	72	64	57	81	71	63	57	68	61	56	66	60	55	63	58	54	52	52	52	52	0%
5	77	65	56	50	75	64	56	49	61	54	49	59	53	48	57	52	48	45	45	45	45	0%
6	72	59	50	44	70	58	49	44	56	48	43	54	47	43	52	47	42	40	40	40	40	0%
7	66	53	45	39	65	53	44	39	51	44	38	49	43	38	48	42	38	36	36	36	36	0%
8	62	49	41	35	60	48	40	35	47	40	34	45	39	34	44	38	34	32	32	32	32	0%
9	58	45	37	32	57	44	37	31	43	36	31	42	36	31	41	35	31	29	29	29	29	0%
10	54	42	34	29	53	41	34	29	40	33	28	39	33	28	38	32	28	26	26	26	26	0%

4-OLB-LED-10000L-DIM10-MVOLT-40K-85

TEST NO.: **EL09102515**

INPUT WATTS: **84.1**

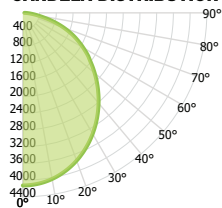
LUMENS: **9923**

EFFICACY: **118**

BEAM ANGLE: **106**

SPACING CRITERIA: **1.20**

CANDELA DISTRIBUTION



CANDELA TABLE

	0°	90°
0°	4127	4127
10°	4034	3965
20°	3761	3559
30°	3340	3000
40°	2817	2357
50°	2242	1716
60°	1668	1050
70°	1048	487
80°	378	227
90°	37	13

LUMINANCE (cd/sq.m)

	0.00°	90.00°
0.00°	11106	11106
45.00°	9644	7786
55.00°	9162	6472
65.00°	8742	4694
75.00°	7266	3622
85.00°	5315	3495

LUMENS PER ZONE

ZONE	LUMENS
0° - 10°	388
10° - 20°	1084
20° - 30°	1573
30° - 40°	1790
40° - 50°	1740
50° - 60°	1462
60° - 70°	1019
70° - 80°	550
80° - 90°	186

ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LUMINAIRE
0° - 20°	1472	15%
0° - 30°	3046	31%
0° - 40°	4836	49%
0° - 60°	8037	81%
0° - 80°	9607	97%
0° - 90°	9793	99%

CONE OF LIGHT

MOUNTING HEIGHT	FC AT BEAM CENTER	BEAM DIA. 0° -180°	BEAM DIA. 90° -270°
6.0 ft	114.6 fc	15.9 ft	11.9 ft
8.0 ft	64.5 fc	21.3 ft	15.8 ft
10.0 ft	41.3 fc	26.6 ft	19.8 ft
12.0 ft	28.7 fc	31.9 ft	23.8 ft
14.0 ft	21.1 fc	37.2 ft	27.7 ft
16.0 ft	16.1 fc	42.5 ft	31.7 ft
18.0 ft	12.7 fc	47.8 ft	35.7 ft
20.0 ft	10.3 fc	53.1 ft	39.6 ft

INDOOR COEFFICIENTS OF UTILIZATION

	80%				70%				50%				30%				10%				0%
pc	70%	50%	30%	10%	70%	50%	30%	10%	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%	10%	50%	30%	10%	0%
0	119	119	119	119	116	116	116	116	110	110	110	105	105	105	105	105	101	101	101	99	
1	109	104	100	97	106	102	98	95	98	94	92	93	91	89	90	88	86	86	84	84	
2	100	92	85	80	97	90	84	79	86	81	77	83	78	75	79	76	73	73	71	71	
3	91	81	73	67	89	79	72	66	76	70	65	73	68	64	71	66	62	62	60	60	
4	84	72	64	57	81	71	63	57	68	61	56	66	60	55	63	58	54	54	52	52	
5	77	65	56	50	75	64	56	49	61	54	49	59	53	48	57	52	48	48	45	45	
6	72	59	50	44	70	58	49	44	56	48	43	54	47	43	52	47	42	42	40	40	
7	66	53	45	39	65	53	44	39	51	44	38	49	43	38	48	42	38	38	36	36	
8	62	49	41	35	60	48	40	35	47	40	34	45	39	34	44	38	34	34	32	32	
9	58	45	37	32	57	44	37	31	43	36	31	42	36	31	41	35	31	31	29	29	
10	54	42	34	29	53	41	34	29	40	33	28	39	33	28	38	32	28	28	26	26	