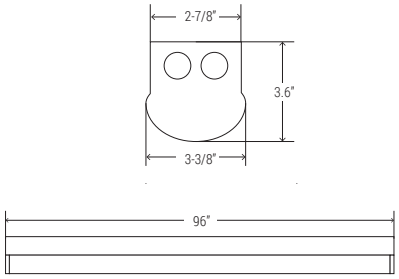
ORACLE LIGHTING
By Elite Lighting

OEC-LED
Architectural LED Suspended Linear-Direct
8′





MULTI-LUMEN SELECTOR | EASY 3 COLORS SELECCTOR 3500K •4000K • 5000K



NOMINAL LUMENS	DELIVERED LUMENS	WATTAGE
10000	11100	80W
8000	8537	60W
6000	6558	44W
18000	18020	142W
16000	16076	126W
14000	14792	112W

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

FEATURES

The OEC is a versatile LED strip light that can be suspended or surface mounted. Available in single pendant or continuous mounting with a form factor that ensures continuous illumination. An acrylic lens delivers low-glare, even illumination for comfortable environments. The slim 3-3/8" profile makes the OEC ideal for illuminating a variety of narrow applications such as aisles, hallways, corridors, parking garages, as well as education, healthcare, and transportation applications.

Suitable for installation in clothes closets and storage spaces in accordance with NFPA 70 (NEC) Section 410.16 spacing requirements.

LUMENS	6000L/8000L/10000L 14000L/16000L/18000L
CCT	35K/40K/50K
CRI	85+
COLOR QUALITY	3 Step MacAdam Ellipse
LENGTH	2', 4' or 8'
MOUNTING	Suspended or Surface
DIMMING & CONTROL	0-10V Flicker Free 10% Dimming Standard (DIM10)
EMERGENCY	10W - Up to 1000L output
LIFETIME	L70 at 50,000 Hours
PHOTOMETRIC TESTS	In Accordance with IES LM79-08, LM80 and TM-30, TM-21

DLC QPL LISTED | DAMP LOCATION | c UL us LISTED | PROUDLY ASSEMBLED in AMERICA | QUICKSHIP CONSULT FACTORY | 5 YEARS LIMITED WARRANTY

Due to the changes of constant improvement in LED technology, all details are subject to change without notice. Consult factory for up to date information.
09022021

OPTICS & PERFORMANCE
Frosted acrylic lens provides even, shadow-free illumination. Lens has tool-less removal, ensuring easy upgrading and maintenance.

CONSTRUCTION
Heavy-duty 20-gauge cold rolled steel body, post-painted. High-gloss white finish is pre-treated with 5-stage iron phosphate coating, which provides superior paint adhesion and protection against weathering.

INSTALLATION
Surface or suspended mounting; individual or continuous row mounting (CRM). The first luminaire in the row for CRM 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. Secure with two screws in the connecting brackets.

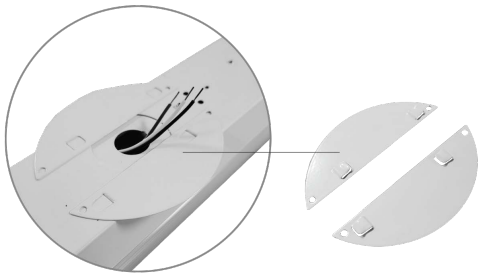
DRIVER ELECTRICAL INFORMATION
Powered by high-quality constant-current power LED drivers, rated for 50 to 60Hz at 120-277V input, produce less than 20% THD, and have a power factor of .90 to 1.00. Male and female 18-gauge 6 wire plug connectors are included with every luminaire to allow for simple, hassle-free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

MULTI LUMEN/MULTI CCT
Easily field-selectable multi-lumen and multi-CCT selector switches allow you to easily change the intensity and CCT in the field.

DIMMING & DRIVER INFORMATION
DIM10 - Flicker Free 10% Dimming Standard (DIM10) 0-10V dimming on either MVOLT 120, 277V.

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

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



Cover for junction box is shipped standard with fixture, along with necessary hardware to secure cover to j-box.

Example: **8-OEC-LED-6000L/8000L/10000L-DIM10-MVOLT-35K/40K/50K-85**

8	OEC	LED									
FIXTURE SIZE	SERIES	TYPE	LUMENS	DIMMING	VOLTAGE	CCT	CRI	EMERGENCY	MOUNTING		
8 - 8'	**OEC** - LED General Linear	**LED**	**6000L/8000L/10000L 14000L/16000L/18000L**	**DIM10** - 0-10V Dimming	**MVOLT**	**35K/40K/50K**	**85**	**O-EMG-LED-10W**	**CRM** - Continuous Row Mounting		

OTHER OPTIONS

OCGSS - Cable Gripper Suspension Kit
4-OCN-T8-WG-WH - WireGuard-White (2 pcs)
4-OCN-T8-WG-AL - WireGuard-Aluminum (2pcs)
SO5 - Power cord with 5 conductors for 0-10v dimming fixtures
SO6 - Power cord with 6 conductions for 0-10V dimming and with emergency
VHCH - V-Hook & chain
MFG-BRACKET-CR-OEC - bracket for continuous row mounting
BABA - Build America Buy America Act

SIDE MOUNT

OSFHU-LTW - ON/OFF Line Voltage
HB011-PDX - Occupancy Sensor with 0-10V Dimming
FSP-311-B-D - 0-10V continuous dimming PIR photo/motion sensor with bluetooth control option.

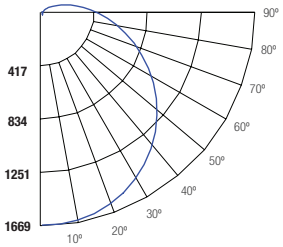
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8-OEC-LED-6000L-8000L-10000L-DIM10-MVOLT-35K-40K-50K-85(6000L)

TEST NO.: EL091212060

INPUT WATTS: **44** LUMENS: 6558 CRI: **85** EFFICACY: **149** CCT: **3500K** SPACING CRITERIA: **1.40**

Candle Power Distribution (Candelas)



Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	610.41	9.3	9.3
0-30	1299.15	19.8	19.8
0-40	2138.53	32.6	32.6
0-60	3883.81	59.3	59.2
0-80	5206.49	79.4	79.4
0-90	5629.5	85.9	85.8

Luminance (Average candela/M^2)

Angle in Degrees	Average 0°	Average 45°	Average 90°
45	16430	14708	12956
55	17649	14965	12096
65	20147	15995	11015
75	26683	19658	9430
85	62113	42062	7256

Lumens Per Zone

Zone	Lumens
0-10	157.83
10-20	452.58
20-30	688.75
30-40	839.38
40-50	892.51
50-60	852.76
60-70	739.46
70-80	583.23
80-90	423

Candela Tabulation

	0
0	1668.658
5	1668.54
15	1630.76
25	1553.25
35	1440.09
45	1296.42
55	1129.61
65	950.13
75	770.64
85	604.08
90	528.58

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%	0%
0	116	116	116	116	111	111	111	111	103	103	103	96	96	96	89	89	89	86
1	103	97	92	88	99	94	89	85	87	83	80	80	77	75	75	72	70	67
2	93	84	76	70	89	81	74	68	75	69	64	69	65	60	64	60	57	54
3	84	73	64	57	81	70	62	56	65	58	53	60	55	50	56	51	47	45
4	77	64	55	48	73	62	53	47	58	50	44	53	47	42	50	45	40	38
5	71	57	48	41	67	55	46	40	51	44	38	48	41	36	45	39	35	32
6	65	51	42	35	62	49	41	35	46	39	33	43	37	32	40	35	30	28
7	60	46	37	31	58	45	36	30	42	35	29	39	33	28	37	31	27	25
8	56	42	33	27	54	41	33	27	38	31	26	36	30	25	34	28	24	22
9	52	39	30	25	50	37	30	24	35	28	23	33	27	22	31	26	22	20
10	49	35	27	22	47	34	27	22	32	26	21	31	25	20	29	23	20	18

ROOM CAVITY RATIO

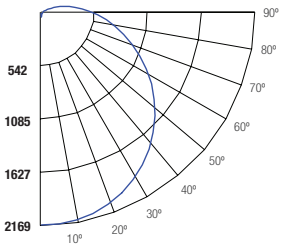
RC - Ceiling Cavity Reflectance RW - Wall Reflectance

8-OEC-LED-6000L-8000L-10000L-DIM10-MVOLT-35K-40K-50K-85(8000L)

TEST NO.: EL091212061

INPUT WATTS: **60** LUMENS: 8537 CRI: **85** EFFICACY: **142** CCT: **3500K** SPACING CRITERIA: **1.40**

Candle Power Distribution (Candelas)



Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	793.38	9.3	9.3
0-30	1688.51	19.8	19.8
0-40	2783.71	32.6	32.6
0-60	5067.77	59.4	59.4
0-80	6797.1	79.7	79.6
0-90	7349.23	86.1	86.1

Luminance (Average candela/M^2)

Angle in Degrees	Average 0°	Average 45°	Average 90°
45	21348	19087	16841
55	22918	19405	15709
65	26154	20737	14474
75	34639	25769	12287
85	81377	54983	8786

Lumens Per Zone

Zone	Lumens
0-10	205.2
10-20	588.18
20-30	895.13
30-40	1095.2
40-50	1168.44
50-60	1115.62
60-70	966.79
70-80	762.54
80-90	552.13

Candela Tabulation

	0
0	2169.216
5	2167.59
15	2120.87
25	2018.42
35	1872.07
45	1684.46
55	1466.86
65	1233.39
75	1000.4
85	791.44
90	694.52

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%	0%
0	116	116	116	116	112	112	112	112	103	103	103	96	96	96	89	89	89	86
1	103	97	92	88	99	94	89	85	87	83	80	81	78	75	75	72	70	67
2	93	84	76	70	89	81	74	68	75	69	64	69	65	61	64	61	57	54
3	84	73	64	57	81	70	62	56	65	58	53	61	55	50	56	52	48	45
4	77	64	55	48	73	62	53	47	58	50	44	54	47	42	50	45	40	38
5	71	57	48	41	67	55	46	40	51	44	38	48	41	36	45	39	35	32
6	65	51	42	35	62	49	41	35	46	39	33	43	37	32	40	35	30	28
7	60	46	37	31	58	45	36	30	42	35	29	39	33	28	37	31	27	25
8	56	42	33	27	54	41	33	27	38	31	26	36	30	25	34	28	24	22
9	52	39	30	25	50	37	30	24	35	28	23	33	27	22	31	26	22	20
10	49	35	27	22	47	34	27	22	33	26	21	31	25	20	29	23	20	18

ROOM CAVITY RATIO

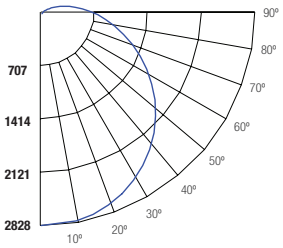
RC - Ceiling Cavity Reflectance RW - Wall Reflectance

8-OEC-LED-6000L-8000L-10000L-DIM10-MVOLT-35K-40K-50K-85(10000L)

TEST NO.: EL091212062

INPUT WATTS: **80** LUMENS: 11100 CRI: **85** EFFICACY: **139** CCT: **3500K** SPACING CRITERIA: **1.40**

Candle Power Distribution (Candelas)



Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	1034.22	9.3	9.3
0-30	2200.68	19.8	19.8
0-40	3621.61	32.7	32.6
0-60	6583.29	59.4	59.3
0-80	8834.32	79.6	79.6
0-90	9552.21	86.1	86.1

Luminance (Average candela/M^2)

Angle in Degrees	Average 0°	Average 45°	Average 90°
45	2588	2313	2039
55	2779	2351	1903
65	3170	2509	1729
75	4193	3073	1488
85	9743	6642	1069

Lumens Per Zone

Zone	Lumens
0-10	267.45
10-20	766.77
20-30	1166.46
30-40	1420.92
40-50	1511.94
50-60	1449.74
60-70	1259.46
70-80	991.56
80-90	717.89

Candela Tabulation

	0
0	2827.522
5	2828.28
15	2764.66
25	2632.39
35	2440.72
45	2196.84
55	1913.64
65	1608.08
75	1302.9
85	1019.42
90	891.03

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%	0%
0	116	116	116	116	111	111	111	111	103	103	103	96	96	96	89	89	89	86
1	103	97	92	88	99	94	89	85	87	83	80	81	78	75	75	72	70	67
2	93	84	76	70	89	81	74	68	75	69	64	69	65	60	64	60	57	54
3	84	73	64	57	81	70	62	56	65	58	53	61	55	50	56	52	48	45
4	77	64	55	48	73	62	53	47	58	50	44	54	47	42	50	45	40	38
5	71	57	48	41	67	55	46	40	51	44	38	48	41	36	45	39	35	32
6	65	51	42	35	62	49	41	35	46	39	33	43	37	32	40	35	30	28
7	60	46	37	31	58	45	36	30	42	35	29	39	33	28	37	31	27	25
8	56	42	33	27	54	41	33	27	38	31	26	36	30	25	34	28	24	22
9	52	39	30	25	50	37	30	24	35	28	23	33	27	22	31	26	22	20
10	49	35	27	22	47	34	27	22	33	26	21	31	25	20	29	23	20	18

ROOM CAVITY RATIO

RC - Ceiling Cavity Reflectance RW - Wall Reflectance

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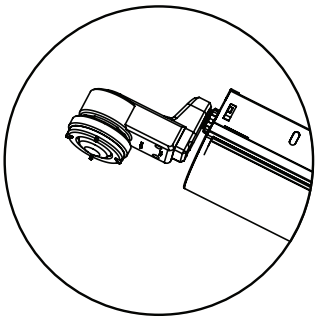
INTEGRATEDED SENSOR AND CONTROL OPTIONS

With the Integratedion 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 Integrateded to designated contol systems
Luminaire will be shipped with Sensors installed on the luminaire, allowing for individual luminaire control. Luminaires will be ready to be Integrateded with designated control systems
Luminaire will be shipped with Sensors to be remotely installed on the ceiling. Luminaires will be ready to be Integrateded with designated control systems

BRAND	legrand®
PIR INTEGRATED SENSOR	❑ FSP-311-B-D 0-10V continuous dimming PIR photo/motion sensor with bluetooth control option.

SIDE MOUNT



LEGRAND

❑ FSP-311-B-D
0-10V continuous dimming PIR photo/motion sensor with bluetooth control option.

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