

NOMINAL LUMENS	DELIVERED LUMENS	WATTAGE
8000	8242	61W
6000	6208	44W
4000	4281	36W

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.

LUMENS	4000, 6000, 8000
CCT	30K, 35K, 40K
CRI	85+
COLOR QUALITY	3 Step MacAdam Ellipse
LENGTH	2', 4' or 8'
MOUNTING	Suspended or Surface
DIMMING & CONTROL	0-10V Flicker Free 1% 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



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.

DIMMING & DRIVER INFORMATION

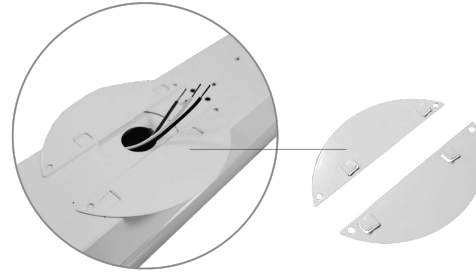
DIM10 - Flicker Free 1% Dimming Standard (DIM10) 0-10V dimming on either MVOLT 120, 277V.

WARRANTY

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

LISTINGS

c-UL-us - Listed for Feed Through Wiring.
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-8000L-DIM10-MVOLT-40K-85**

8	OEC	LED										
FIXTURE SIZE	SERIES	TYPE	LUMENS	DIMMING	VOLTAGE	CCT	CRI	EMERGENCY				
8 - 8'	OEC - LED General Linear	LED	4000L - 4000 lumens 6000L - 6000 lumens 8000L - 8000 lumens	DIM10 - 0-10V Dimming	MVOLT	30K 35K 40K	85	0-EMG-LED-10W				
									MOUNTING			
									CRM - Continuous Row Mounting			
									WIRING OPTIONS			
									FBF - Internal Fast Blow Fuse SBF - Internal Slow Blow Fuse RIS - Radio Interference Suppressor			
									OTHER OPTIONS			
									OCGSS - Cable Gripper Suspension Kit WG - WireGuard USA - Made in America Compliance S05 - Power cord with 5 conductors for 0-10v dimming fixtures S06 - Power cord with 6 conductors for 0-10V dimming and with emergency OCVH - V-Hook & chain MFG-BRACKET-CR-OEC - bracket for continuous row mounting			
									SIDE MOUNT CONTROL			
									FSP-311-B-D - 0-10V continuous dimming PIR photo/ motion sensor with bluetooth control option.			

8-OEC-LED-4000L-DIM10-MVOLT-40K-85

INPUT WATTS: **36**

LUMENS: 4281

CRI: **85**

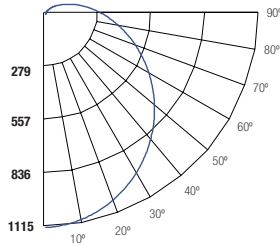
EFFICACY: **119**

CCT: **4000K**

TEST NO.: **EL09232079**

SPACING CRITERIA: **1.40**

Candle Power Distribution (Candelas)



Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	403.89	9.4	9.4
0-30	857.93	20	20
0-40	1409.11	32.9	32.9
0-60	2549.64	59.6	59.6
0-80	3412.26	79.7	79.7
0-90	3689.39	86.2	86.2

Luminance (Average candela/M²)

Angle in Degrees	Average 0°	Average 45°	Average 90°
45	8553	9377	10234
55	7958	9533	10901
65	7196	10262	12396
75	6031	12771	16461
85	4206	27844	38607

Lumens Per Zone

Zone	Lumens
0-10	104.58
10-20	299.31
20-30	454.04
30-40	551.18
40-50	583.99
50-60	556.55
60-70	482.14
70-80	380.47
80-90	277.13

Candela Tabulation

Q	
0	1106.036
5	1099.22
15	1048.77
25	955.16
35	826.64
45	674.9
55	509.37
65	339.38
75	174.19
85	40.91
90	5.31

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	116	116	116	116	111	111	111	111	103	103		96	96		89	89	89	86	
	1	103	97	92	88	99	94	89	85	87	83		80	81	78	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	59	53	61	55	50	56	52	48	45	
	4	77	64	55	48	74	62	53	47	58	50	45	54	48	43	50	46	41	38	
	5	71	57	48		67	55	47		51	44	38	48	42	37	45	39	35	32	
	6	65	51	42	35	62	50	41	35	46	39	33	43	37	32	41	35	31	28	
	7	60	46	37	31	58	45	36	30	42	35	29	39	33	28	37	31	27	25	
8	56	42	34	28	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	23	31	26	22	20		
10	49	36	28	22	47	35	27	22	33	26	21	31	25	20	29	24	20	18		

RC - Ceiling Cavity Reflectance

RW - Wall Reflectance

8-OEC-LED-6000L-DIM10-MVOLT-40K-85

INPUT WATTS: **44**

LUMENS: 6208

CRI: **85**

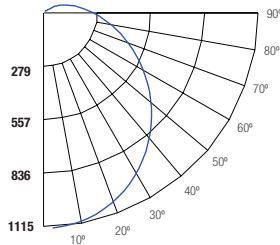
EFFICACY: **141**

CCT: **4000K**

TEST NO.: **EL09232079**

SPACING CRITERIA: **1.40**

Candle Power Distribution (Candelas)



Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	597.13	9.6	9.6
0-30	1268.2	20.4	20.4
0-40	2081.39	33.5	33.5
0-60	3753.97	60.5	60.5
0-80	4999.95	80.6	80.5
0-90	5393.55	86.9	86.9

Luminance (Average candela/M²)

Angle in Degrees	Average 0°	Average 45°	Average 90°
45	15672	14394	12476
55	16689	14701	11504
65	18894	15893	10273
75	24883	19867	8481
85	57875	43710	6004

Lumens Per Zone

Zone	Lumens
0-10	154.6
10-20	442.52
20-30	671.07
30-40	813.19
40-50	858.74
50-60	813.84
60-70	699.37
70-80	546.61
80-90	393.61

Candela Tabulation

Q	
0	1634.853
5	1631.77
15	1589.62
25	1505.78
35	1385.23
45	1236.63
55	1068.17
65	891.04
75	718.65
85	562.87
90	494.58

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	116	116	116	116	112	112	112	112	104	104	104	97	97	97	90	90	90	87			
	1	103	98	93	88	99	94	90	85	87	84	80	81	78	75	76	73	71	68			
	2	93	84	76	70	89	81	74	68	75	70	65	70	65	61	65	61	58	55			
	3	85	73	64	57	81	71	63	56	66	59	53	61	56	51	57	52	48	45			
	4	77	65	55	48	74	62	54	47	58	51	45	54	48	43	51	45	41	38			
	5	71	57	47	41	68	56	47	40	52	44	39	48	42	37	45	40	35	32			
	6	65	52	42	36	62	50	41	35	47	39	34	44	37	32	41	35	31	29			
	7	60	47	38	31	58	45	37	31	42	35	30	40	33	29	37	32	27	25			
8	56	42	34	28	54	41	33	27	39	32	26	36	30	25	34	29	25	22				
9	52	39	31	25	50	38	30	24	36	29	24	34	27	23	32	26	22	20				
10	49	36	28	22	47	35	27	22	33	26	21	31	25	21	29	24	20	18				

RC - Ceiling Cavity Reflectance

RW - Wall Reflectance

8-OEC-LED-8000L-DIM10-MVOLT-40K-85

INPUT WATTS: **61**

LUMENS: 8242

CRI: **85**

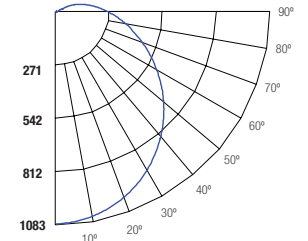
EFFICACY: **135**

CCT: **4000K**

TEST NO.: **EL0119166**

SPACING CRITERIA: **1.40**

Candle Power Distribution (Candelas)



Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	394.07	9.60	9.60
0-30	836.91	20.30	20.30
0-40	1376.77	33.40	33.40
0-60	2489.16	60.40	60.40
0-80	3318.23	80.50	80.50
0-90	3580.00	86.90	86.90

Luminance (Average candela/M²)

Angle in Degrees	Average 0°	Average 45°	Average 90°
45	7567	8270	9107
55	6952	8178	9645
65	6294	8596	10850
75	5204	10548	14235
85	3547	22346	33452

Lumens Per Zone

Zone	Lumens
0-10	102.07
10-20	292.00
20-30	442.84
30-40	539.86
40-50	571.28
50-60	541.11
60-70	465.14
70-80	363.93
80-90	261.77

Candela Tabulation

Q	
0	1079.418
5	1073.010
15	1024.270
25	932.440
35	804.110
45	656.790
55	489.460
65	326.500
75	165.330
85	37.950
90	6.360

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%			
ROOM CAVITY RATIO	0	116	116	116	116	112	112	112	112	104	104	104	97	97	97	90	90	90	87			
	1	103	98	93	88	99	94	90	85	87	84	80	81	78	75	75	73	71	68			
	2	93	84	76	70	89	81	74	68	75	70	65	70	65	61	65	61	58	55			
	3	85	73	64	57	81	71	63	56	66	59	53	61	55	51	57	52	48	45			
	4	77	64	55	48	74	62	54	47	58	51	45	54	48	43	50	45	41	38			
	5	71	57	48	41	68	55	47	40	52	44	39	48	42	37	45	40	35	33			
	6	65	51	42	36	62	50	41	35	47	39	34	44	37	32	41	35	31	29			
	7	60	47	38	31	58	45	37	31	42	35	30	40	33	28	37	32	27	25			
	8	56	42	34	28	54	41	33	27	39	31	26	36	30	25	34	29	24	22			
	9	52	39	30	25	50	38	30	24	36	29	24	34	27	23	32	26	22	20			
10	49	36	28	22	47	35	27	22	33	26	21	31	25	21	29	24	20	18				

RC - Ceiling Cavity Reflectance

RW - Wall Reflectance

Cone of Light			
2	270	5.2	10.1
4	67.5	10.4	20.2
6	30	15.5	30.3
8	16.9	20.7	40.4
10	10.8	25.9	50.5
12	7.5	31.1	60.6

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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.

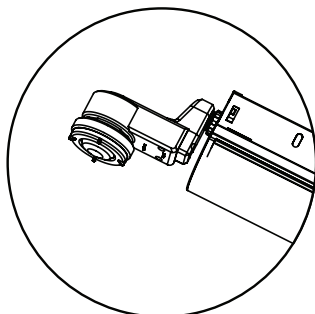
Luminaire will be shipped with Powerpacks pre-installed, ready to be Integrated to designated control systems

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	
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.