

NOMINAL LUMENS	DELIVERED LUMENS	WATTAGE
5000	5272	39 W
4000	4121	30 W
3000	2978	23 W

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	3000, 4000, 5000
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 1% Dimming Standard (DIM10)
EMERGENCY	10W - Up to 1000L output (Bodine BSL310)
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

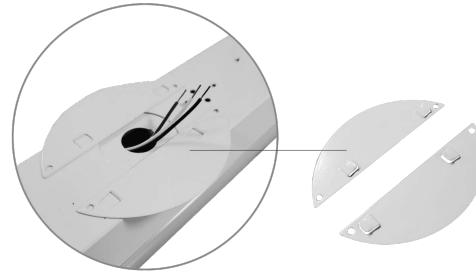
DIM10 - Flicker Free 1% Dimming Standard (DIM10) 0-10V dimming on either MVOLT 120, 277V.

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.
c-UL-us Damp location listed



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

Example: **4-OEC-LED-3000L-DIM10-MVOLT-40K-85**

4	OEC	LED										
FIXTURE SIZE	SERIES	TYPE	LUMENS	DIMMING	VOLTAGE	CCT	CRI	EMERGENCY				
4 - 4'	OEC - LED General Linear	LED	3000L - 3000 lumens 4000L - 4000 lumens 5000L - 5000 lumens	DIM10 - 0-10V Dimming	MVOLT	35K 40K 50K	85	O-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.			

4-OEC-LED-3000L-DIM10-MVOLT-40K-85

INPUT WATTS: 22.5

LUMENS: 2978

CRI: 90

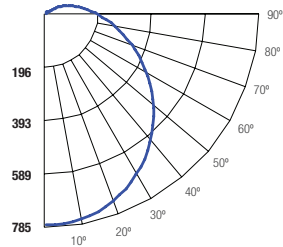
EFFICACY: 132

CCT: 4000K

TEST NO.: EL1118106

SPACING CRITERIA: 1.40

Candle Power Distribution (Candelas)



Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	286.62	N.A.	9.60
0-30	608.72	N.A.	20.40
0-40	999.01	N.A.	33.60
0-60	1801.65	N.A.	60.50
0-80	2399.03	N.A.	80.60
0-90	2587.3	N.A.	86.90

Luminance (Average candela/M²)

Angle in Degrees	Average 0°	Average 45°	Average 90°
45	5505	5055	4382
55	5861	5163	4041
65	6636	5582	3608
75	8739	6978	2979
85	20327	15352	2109

Lumens Per Zone

Zone	Lumens
0-10	74.21
10-20	212.41
20-30	322.10
30-40	390.29
40-50	412.12
50-60	390.51
60-70	335.46
70-80	261.92
80-90	188.27

Candela Tabulation

0	1	2	3	4	5	6	7	8	9
0	784.740	783.245	763.018	722.774	664.915	593.587	512.717	427.699	344.947
10	270.182	237.398							

Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance 0.20

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

RC - Ceiling Cavity Reflectance

RW - Wall Reflectance

2	4	6	8	10	12
204	51.1	22.7	12.8	8.17	5.68
10	20	29.9	39.9	49.9	59.9
5.1	10.3	15.4	20.5	25.6	30.8
(F.T.) Distance to Plane	(F.C.) Initial Footcandle at Nadir	(F.T.) Beam Vert. Spread	(F.T.) Beam Horiz. Spread		

BEAM DIA. MEASURED AT 50% OF NADIR F.C.

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

INPUT WATTS: 30.5

LUMENS: 4121

CRI: 85

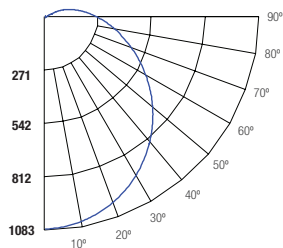
EFFICACY: 135

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

0	1	2	3	4	5	6	7	8	9
0	1079.418	1073.010	1024.270	932.440	804.110	656.790	489.460	326.500	165.330
10	37.950	6.360							

Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance 0.20

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

RC - Ceiling Cavity Reflectance

RW - Wall Reflectance

2	4	6	8	10	12
270	67.5	30	16.9	10.8	7.5
10.1	20.2	30.3	40.4	50.5	60.6
(F.T.) Distance to Plane	(F.C.) Initial Footcandle at Nadir	(F.T.) Beam Vert. Spread	(F.T.) Beam Horiz. Spread		

BEAM DIA. MEASURED AT 50% OF NADIR F.C.

4-OEC-LED-5000L-DIM10-MVOLT-40K-85

INPUT WATTS: 39.4

LUMENS: 5272

CRI: 85

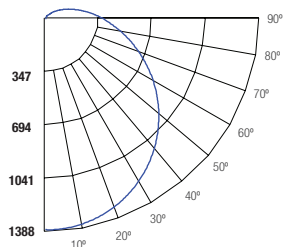
EFFICACY: 134

CCT: 4000K

TEST NO.: EL0119165

SPACING CRITERIA: 1.40

Candle Power Distribution (Candelas)



Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	505.28	9.60	9.60
0-30	1072.89	20.40	20.40
0-40	1760.73	33.40	33.40
0-60	3180.94	60.30	60.30
0-80	4242.47	80.50	80.50
0-90	4577.39	86.80	86.80

Luminance (Average candela/M²)

Angle in Degrees	Average 0°	Average 45°	Average 90°
45	12235	11203	9647
55	13068	11483	8908
65	14833	12426	7976
75	19517	15496	6653
85	45232	34310	4338

Lumens Per Zone

Zone	Lumens
0-10	130.87
10-20	374.41
20-30	567.61
30-40	687.83
40-50	727.72
50-60	692.50
60-70	596.09
70-80	465.43
80-90	334.92

Candela Tabulation

0	1	2	3	4	5	6	7	8	9
0	1384.404	1384.220	1350.090	1282.580	1184.300	1061.940	920.070	769.470	620.030
10	483.900	423.370							

Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance 0.20

RC	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	30%	10%	50%	30%	10%	0%
RW	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%
0	116	116	116	116	112	112	112	112	104	104	104	97	97	97	90	90	87
1	103	98	93	88	99	94	90	85	87	84	80	81	78	75	76	73	68
2	93	84	76	70	89	81	74	68	75	70	65	70	65	61	65	61	58
3	85	73	64	57	81	71	63	56	66	59	53	61	56	51	57	52	48
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8	56	42	34	28	54	41	33	27	39	31	26	36	30	25	34	29	25
9	52	39	30	25	50	38	30	24	36	29	24	34	27	23	32	26	2

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.

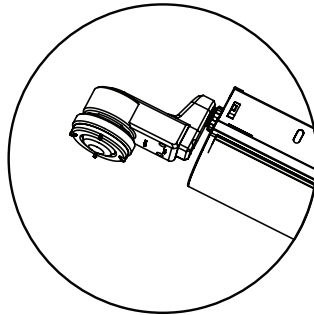
Luminaire will be shipped with Powerpacks pre-installed, ready to be Integrated to designated control systems

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.