

NOMINAL LUMENS	DELIVERED LUMENS	WATTAGE
20000	18986	152 W
14000	14351	114 W
8000	9280	74 W
6000	5965	48 W

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

FEATURES

The Architectural LED Linear combines a slim profile with clean lines, making it an ideal choice for library stacks or narrow aisles. The flexibility of the luminaire allows for continuous, uniform and glare-free illumination. Available in single pendant or continuous mounting for a seamless connection from luminaire to luminaire, with adjustable mounting heights. This distinct luminaire is a perfect solution for educational, healthcare, office, commercial and retail spaces.

LUMENS	6000, 8000, 14000, 20000
CCT	30K, 35K, 40K, 50K
CRI	85+ (standard), 90+
COLOR QUALITY	3 Step MacAdam Ellipse
LENGTH	2', 4', 8'
MOUNTING	Suspended or Surface
DIMMING & CONTROL	0-10V Flicker Free 1% Dimming Standard (DIM10), LUTH, LUT2W, DIMST, ELDO10.1, ELDODMX.1, DALI.1
EMERGENCY	10W - Up to 1000L output
LIFETIME	L70 at 167,000 Hours
OPERATING TEMPERATURE	-20° C to 50°C ambient temperature
PHOTOMETRIC TESTS	In Accordance with IES LM79-08, LM80 and TM-30, TM-21



OPTICS & PERFORMANCE

The optical system delivers high efficiency LED light that passes through a high quality, frosted acrylic lens for optimal performance, creating a glare-free and even distribution.

CONSTRUCTION

Body is constructed of heavy-duty 20-gauge cold rolled steel, painted with a high-gloss baked white enamel finish, with a frosted extruded lens that delivers highly efficient illumination.

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.

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.

OPTIONS

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

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 (120V forward phase only).

LUTH - Lutron LDE1 Hi-Lume 1% EcoSystem LED driver with Soft-on, Fade-to-Black dimming technology.

ELDO10.1 - EldoLED SoloDrive 0-10V. Dimming down to 0.1%.

DALI - DALI DT6, DT8 dimming down to 1%.

ELDODMX - EldoLED PowerDrive dimming down to 0.1%.

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

DIMST - Step Dimming

WARRANTY

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

LISTINGS

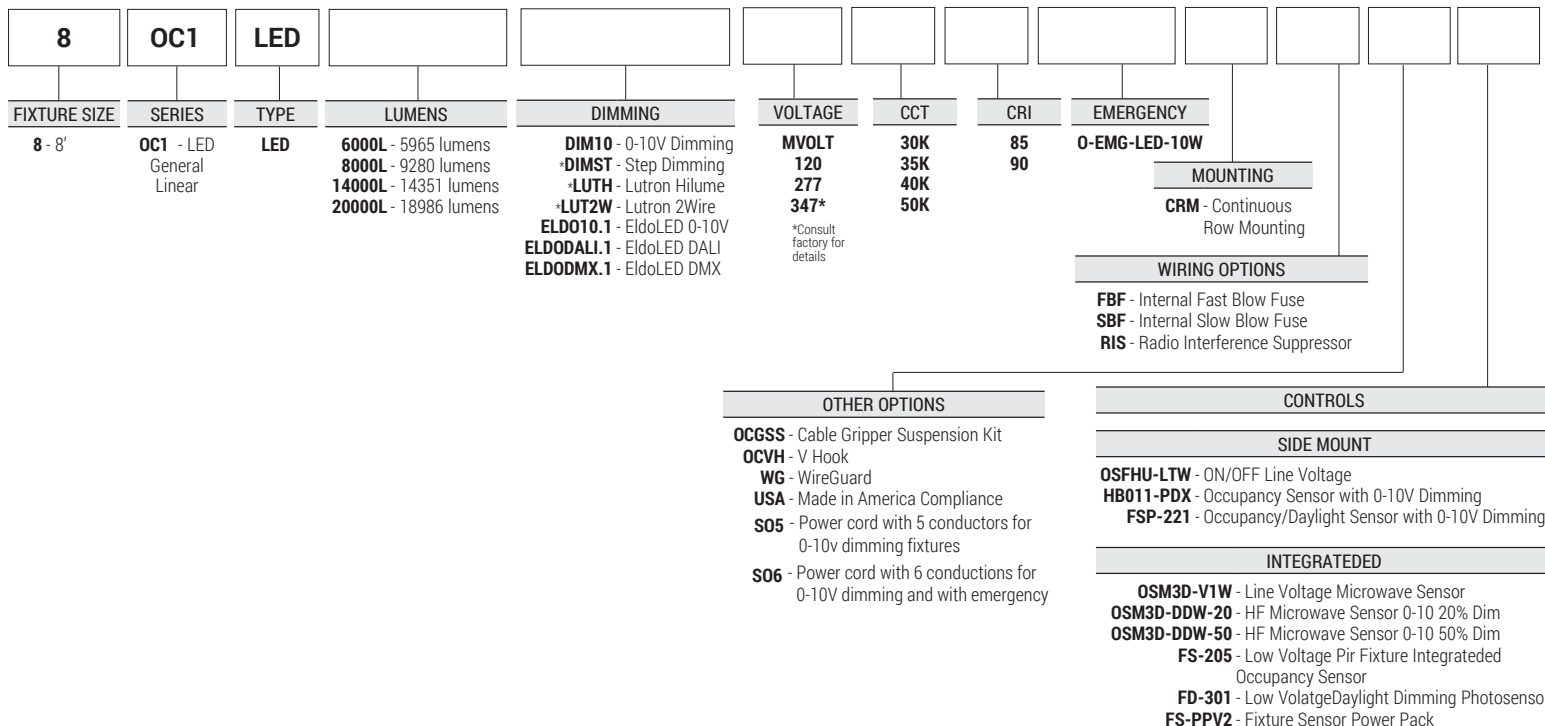
c-UL-us - Listed for Feed Through Wiring.

Listed for DLC, California Title 24 compliant.

c-UL us Listed for Damp location

Product not allowed to be in direct contact with water, sprinkler or rain

Example: **8-OC1-LED-6000L-DIM10-MVOLT-40K-85**



LUT2W are available in 120V only LUT2W up to 4000L
LUTH, ELDO10.1, ELDODALI.1, and ELDODMX.1 are available in 120V and 277V
-Reference last page for Control Options

*FD-301 & FS-205 require FS-PPV2- Power Pack

8-OC1-LED-6000L-DIM10-MVOLT-40K-85

INPUT WATTS: **48.2**

LUMENS: **5965**

CRI: **85**

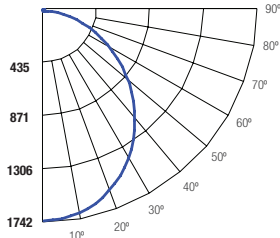
EFFICACY: **124**

CCT: **4000K**

TEST NO.: **EL111836**

SPACING CRITERIA: **1.38**

Candle Power Distribution (Candelas)



Cone of Light		
4.0	6.02 fc	70.9 ft
8.0	1.5 fc	141.8 ft
12.0	0.67 fc	212.7 ft
16.0	0.38 fc	283.6 ft
20.0	0.24 fc	354.6 ft
24.0	0.17 fc	425.5 ft
Distance to Plane	Initial Footcandle at Nadir	Beam diameter

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

Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	634.60	N.A.	10.60
0-30	1346.09	N.A.	22.60
0-40	2205.24	N.A.	37.00
0-60	3948.15	N.A.	66.20
0-80	5168.62	N.A.	86.70
0-90	5502.59	N.A.	92.30

Luminance (Average candela/M²)

Angle in Degrees	Average		
	0°	45°	90°
45	3670	3357	3057
55	3839	3340	2840
65	4205	3441	2582
75	5226	3966	2208
85	11125	7669	1601

Lumens Per Zone

Zone	Lumens
0-10	164.42
10-20	470.19
20-30	711.49
30-40	859.15
40-50	901.00
50-60	841.91
60-70	702.67
70-80	517.80
80-90	333.98

Candela Tabulation

Q	
0	1739.042
5	1733.280
15	1680.040
25	1580.740
35	1442.280
45	1274.320
55	1081.000
65	872.520
75	664.060
85	476.060
90	395.680

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%	50%	30%	10%	0%		
0	0	117	117	117	117	114	114	114	114	107	107	107	101	101	101	95	95	95	95	92	92	92	92	92	
1	1	105	99	95	90	101	96	92	88	91	87	84	85	82	80	81	78	75	73	70	70	70	70	70	
2	2	95	86	78	72	91	83	76	71	78	73	68	74	69	65	70	66	62	60	60	60	60	60	60	
3	3	86	75	66	59	83	73	65	58	69	62	56	65	59	54	61	56	52	50	50	50	50	50	50	
4	4	79	66	57	50	76	64	56	49	61	53	47	57	51	46	54	49	45	42	42	42	42	42	42	
5	5	72	59	49	43	70	57	49	42	54	47	41	51	45	40	49	43	39	36	36	36	36	36	36	
6	6	67	53	44	37	64	51	43	37	49	41	36	46	40	35	44	38	34	31	31	31	31	31		
7	7	62	48	39	33	59	47	38	32	44	37	31	42	36	31	40	34	30	28	28	28	28	28		
8	8	57	44	35	29	55	43	34	29	41	33	28	39	32	27	37	31	27	25	25	25	25	25		
9	9	54	40	32	26	52	39	31	26	37	30	25	36	29	25	34	28	24	22	22	22	22	22		
10	10	50	37	29	23	49	36	28	23	34	28	23	33	27	22	32	26	22	20	20	20	20	20		

RC - Ceiling Cavity Reflectance

RW - Wall Reflectance

8-OC1-LED-8000L-DIM10-MVOLT-40K-85

INPUT WATTS: **74.9**

LUMENS: **9280**

CRI: **85**

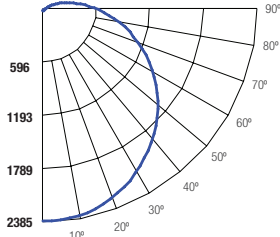
EFFICACY: **124**

CCT: **4000K**

TEST NO.: **EL111861**

SPACING CRITERIA: **1.44**

Candle Power Distribution (Candelas)



Cone of Light		
4.0	8.24 fc	95.2 ft
8.0	2.06 fc	190.3 ft
12.0	0.92 fc	285.5 ft
16.0	0.51 fc	380.6 ft
20.0	0.33 fc	475.8 ft
24.0	0.23 fc	570.9 ft
Distance to Plane	Initial Footcandle at Nadir	Beam diameter

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

Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	879.47	N.A.	9.50
0-30	1881.12	N.A.	20.30
0-40	3113.91	N.A.	33.60
0-60	5727.47	N.A.	61.70
0-80	7738.1	N.A.	83.40
0-90	8349.16	N.A.	90.00

Luminance (Average candela/M²)

Angle in Degrees	Average		
	0°	45°	90°
45	7912	8530	9189
55	7677	8760	9894
65	7549	9390	11291
75	7293	11514	14669
85	7594	23534	33557

Lumens Per Zone

Zone	Lumens
0-10	225.86
10-20	653.61
20-30	1001.65
30-40	1232.79
40-50	1327.92
50-60	1285.65
60-70	1126.45
70-80	884.17
80-90	611.07

Candela Tabulation

Q	
0	2381.038
5	2369.395
15	2284.435
25	2118.690
35	1879.370
45	1581.503
55	1244.853
65	901.873
75	533.569
85	187.104
90	59.983

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%	50%	30%	10%	0%		
0	0	117	117	117	117	113	113	113	113	106	106	106	99	99	99	93	93	93	93	90	90	90	90	90	
1	1	104	98	93	86	100	95	90	86	99	95	90	83	80	77	78	75	73	70	70	70	70	70	70	
2	2	93	84	76	70	90	81	74	68	76	70	65	71	66	62	67	63	59	56	56	56	56	56	56	
3	3	85	73	64	57	81	71	62	56	66	59	54	62	56	51	58	53	49	46	46	46	46	46	46	
4	4	77	64	55	48	74	62	54	47	58	51	45	55	48	43	52	46	42	39	39	39	39	39	39	
5	5	71	57	48	41	68	55	47	40	52	44	39	49	42	37	46	40	36	33	33	33	33	33	33	
6	6	65	51	42	35	63	50	41	35	47	39	33	44	37	32	42	36	31	29	29	29	29	29	29	
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9	9	52	39	30	24	50	38	30	24	36	28	23	34	27	23	32	26	22	20	20	20	20	20	20	
10	10	49	35	27	22	47	35	27	22	33	26	21	31	25	21	30	24	20	18	18	18	18	18	18	

RC - Ceiling Cavity Reflectance

RW - Wall Reflectance

8-OC1-LED-14000L-DIM10-MVOLT-40K-85

INPUT WATTS: **114.2**

LUMENS: **14351**

CRI: **85**

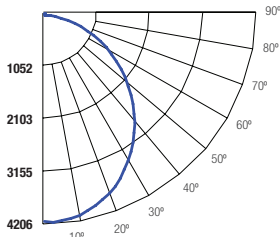
EFFICACY: **126**

CCT: **4000K**

TEST NO.: **EL111855**

SPACING CRITERIA: **1.38**

Candle Power Distribution (Candelas)



Cone of Light		
4.0	14.5 fc	68.9 ft
8.0	3.62 fc	137.7 ft
12.0	1.61 fc	206.6 ft
16.0	0.91 fc	275.5 ft
20.0	0.58 fc	344.4 ft
24.0	0.4 fc	413.2 ft
Distance to Plane	Initial Footcandle at Nadir	Beam diameter

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

Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	1526.96	N.A.	10.60
0-30	3236.53	N.A.	22.60
0-40	5295.58	N.A.	36.90
0-60	9444.9	N.A.	65.80
0-80	12340.06	N.A.	86.00
0-90	13141.37	N.A.	91.60

Luminance (Average candela/M²)

8-OC1-LED-20000L-DIM10-MVOLT-40K-85

TEST NO.: EL111853

INPUT WATTS: 152.9

LUMENS: 18986

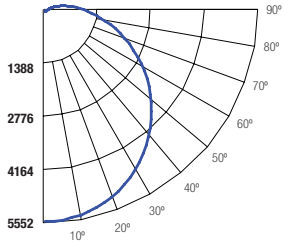
CRI: 85

EFFICACY: 124

CCT: 4000K

SPACING CRITERIA: 1.38

Candle Power Distribution (Candelas)



Cone of Light		
4.0	19.2 fc	69.7 ft
8.0	4.8 fc	139.4 ft
12.0	2.13 fc	209.1 ft
16.0	1.2 fc	278.8 ft
20.0	0.77 fc	348.5 ft
24.0	0.53 fc	418.2 ft
Distance to Plane	Initial Footcandle at Nadir	Beam diameter
BEAM DIA. MEASURED AT 50% OF NADIR F.C.		

Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	2022.55	N.A.	10.70
0-30	4287.19	N.A.	22.60
0-40	7014.39	N.A.	36.90
0-60	12508.44	N.A.	65.90
0-80	16326.11	N.A.	86.00
0-90	17384.99	N.A.	91.60

Luminance (Average candela/M²)

Angle in Degrees	Average		
	0°	45°	90°
45	16882	18569	20133
55	15509	18422	20942
65	13809	18942	22858
75	11326	21936	28425
85	6490	43077	60874

Lumens Per Zone

Zone	Lumens
0-10	524.17
10-20	1498.38
20-30	2264.64
30-40	2727.2
40-50	2848.3
50-60	2645.74
60-70	2197.97
70-80	1619.7
80-90	1058.88

Candela Tabulation

0	0
0	5546.039
5	5526.768
15	5285.660
25	4819.362
35	4159.458
45	3374.495
55	2514.738
65	1649.713
75	828.684
85	159.890
90	16.819

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	117	117	117	117	113	113	113	113	106	106	106	100	100	100	94	94	94	94	94	92	92		
	1	105	99	94	90	101	96	92	88	90	87	83	85	82	79	80	78	75	75	73	73	73		
	2	95	86	78	72	91	83	76	71	78	72	68	74	69	65	69	65	62	62	59	59	59		
	3	86	75	66	59	83	73	65	58	68	62	56	64	59	54	61	56	52	49	49	49	49		
	4	79	66	57	50	76	64	56	49	61	53	47	57	51	46	54	49	44	42	42	42			
	5	72	59	50	43	69	57	49	42	54	47	41	51	45	40	49	43	38	36	36	36			
	6	67	53	44	37	64	52	43	37	49	41	36	46	40	35	44	38	34	31	31	31			
	7	62	48	39	33	59	47	38	32	44	37	31	42	36	31	40	34	30	28	28	28			
	8	57	44	35	29	55	43	34	29	41	33	28	39	32	27	37	31	27	25	25	25			
	9	54	40	32	26	52	39	31	26	37	30	25	36	29	25	34	28	24	22	22	22			
	10	50	37	29	24	49	36	28	23	34	28	23	33	27	22	32	26	22	20	20	20			

RC - Ceiling Cavity Reflectance

RW - Wall Reflectance

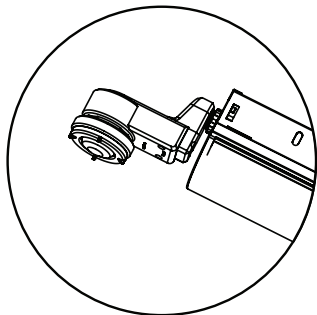
INTEGRATED SENSOR AND CONTROL OPTIONS

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	LEVITON	legrand®
MICROWAVE INTEGRATED SENSOR	<input type="checkbox"/> OSM3D-DDW High Frequency Microwave Occupancy Sensor with 0-10V Dimming	
	<input type="checkbox"/> OSM3D-V1W Line Voltage Microwave Sensor	
PIR INTEGRATED SENSOR	<input type="checkbox"/> OSFHU-LTW PIR Fixture Mount Occupancy Sensor with Daylight	<input type="checkbox"/> FS-205 Low Voltage Pir Fixture Integrated Occupancy Sensor
	<input type="checkbox"/> HB011-PDX PIR Fixture Mount Occupancy Sensor with Daylight Harvesting with 0-10V dimming	<input type="checkbox"/> FSP-221 Fixture Mount PIR Occupancy Sensor with Daylight Harvesting with 0-10V
		<input type="checkbox"/> FD-301 Low Voltage Daylight Dimming Photosensor

SIDE MOUNT



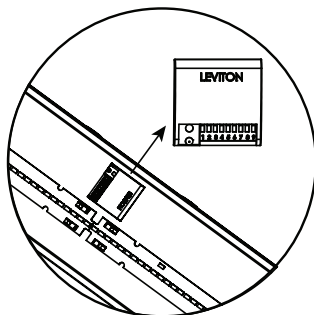
LEGRAND

FSP-221
Fixture Mount PIR Occupancy Sensor with Daylight Harvesting with 0-10V

LEVITON

HB011-PDX
PIR Fixture Mount Occupancy Sensor with Daylight Harvesting
 OSFHU-LTW
PIR Fixture Mount Occupancy Sensor

IntegratedED



LEGRAND

FS-205
Low Voltage Pir Fixture Integrated Occupancy Sensor
 FD-301
Low Voltage Daylight Dimming Photosensor

LEVITON

OSM3D-DDW
High Frequency Microwave Occupancy Sensor with 0-10V Dimming
 OSM3D-V1W
High Frequency Microwave Occupancy Sensor