

NOMINAL LUMENS	DELIVERED LUMENS	WATTAGE
10000	9503	76 W
8000	8380	64 W
7000	7103	57 W
6000	5904	47 W
5000	4642	37 W
4000	3489	27 W
3000	3140	23 W

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

FEATURES

The Architectural LED Surface or Suspended 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	3000, 4000, 5000, 6000, 7000, 8000, 10000
CCT	30K, 35K, 40K, 50K
CRI	85+(standard), 90+
COLOR QUALITY	3 Step MacAdam Ellipse
LENGTH	4'
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
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.

SUPPORT CABLE/FEED

Standard suspension is conductive feed/suspension cable. The adjustable power cable comes in a standard 10' length. A 5-conductor cable is standard or a 6-conductor cable for emergency power. Field adjustable length. Max. support every 8 feet.

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

Example: **4-OC1-LED-3000L-DIM10-MVOLT-40K-85**

4	OC1	LED												
FIXTURE SIZE	SERIES	TYPE	LUMENS	DIMMING	VOLTAGE	CCT	CRI	EMERGENCY	MOUNTING		WIRING OPTIONS		OTHER OPTIONS	CONTROLS
4 - 4'	OC1 - LED General Linear	LED	3000L - 3000 lumens 4000L - 4000 lumens 5000L - 5000 lumens 6000L - 6000 lumens 7000L - 7000 lumens 8000L - 8000 lumens 10000L - 10000 lumens	DIM10 - 0-10V Dimming *DIMST - Step Dimming *LUTH - Lutron HiLume *LUT2W - Lutron 2Wire ELDO10.1 - EldoLED 0-10V ELDODALI.1 - EldoLED DALI ELDODMX.1 - EldoLED DMX	MVOLT 120 277 347*	30K 35K 40K 50K	85 90	O-EMG-LED-10W	CRM - Continuous Row Mounting		FBF - Internal Fast Blow Fuse SBF - Internal Slow Blow Fuse RIS - Radio Interference Suppressor		OCGSS - Cable Gripper Suspension Kit OCVH - V Hook WG - WireGuard USA - Made in America Compliance	HB011-PDX - Occupancy Sensor with 0-10V Dimming FSP-211 - Occupancy/Daylight Sensor with 0-10V Dimming
									SIDE MOUNT					
									INTEGRATED					
									OSM3D-V1W - Line Voltage Microwave Sensor OSM3D-DDW-20 - HF Microwave Sensor 0-10 20% Dim OSM3D-DDW-50 - HF Microwave Sensor 0-10 50% Dim FS-205 - Low Voltage Pir Fixture Integrated Occupancy Sensor FD-301 - Low Voltage Daylight Dimming Photosensor FS-PPV2 - Fixture Sensor Power Pack					

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

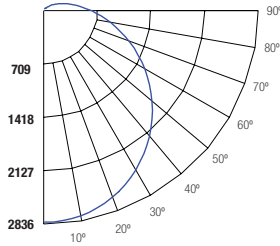
*FD-301 & FS-205 require FS-PPV2- Power Pack

4-OC1-LED-10000L-DIM10-MVOLT-40K-90

TEST NO.: **EL111853**

INPUT WATTS: **76.9** LUMENS: **9697** CRI: **90** EFFICACY: **126** CCT: **4000K**

Candle Power Distribution (Candelas)



Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-30°	2189.58	22.60	22.60
0-40°	3582.43	37.00	36.90
0-60°	6388.37	65.90	65.90
0-90°	8878.95	91.60	91.60
0-180°	9696.72	100.00	100.00

Luminance Data (cd/sq.m)

Angle In Degrees	Average 0°	Average 45°	Average 90°
45°	17244	18967	20565
55°	15842	18817	21392
65°	14105	19349	23349
75°	11569	22406	29035
85°	6629	44001	62179

Candela Tabulation

	0	45	90
0	2832.502	2832.502	2832.502
5	2822.660	2823.910	2826.640
15	2699.520	2719.870	2740.920
25	2461.370	2518.320	2574.060
35	2124.340	2234.900	2338.320
45	1723.440	1895.700	2055.340
55	1284.340	1525.530	1734.270
65	842.550	1155.800	1394.740
75	423.230	819.680	1062.180
85	81.660	542.050	765.990
90	8.590	430.700	639.080

Spacing Criteria

0-180	: 1.22
90-270	: 1.30
Diagonal	: 1.38

Coefficients of Utilization - Zonal Cavity Method
Effective Floor Cavity Reflectance 20% = PF

RC RW	80%				70%				50%				30%				10%				0%			
	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%			
0	117	117	117	117	113	113	113	113	106	106	106	100	100	100	94	94	94	92						
1	105	99	94	90	101	96	92	88	90	87	83	85	82	79	80	78	75	73						
2	95	86	78	72	91	83	76	71	78	72	68	74	69	65	69	65	62	59						
3	86	75	66	59	83	73	65	58	68	62	56	64	59	54	61	56	52	49						
4	79	66	57	50	76	64	56	49	61	53	47	57	51	46	54	49	44	42						
5	72	59	50	43	69	57	49	42	54	47	41	51	45	40	49	43	38	36						
6	67	53	44	37	64	52	43	37	49	41	36	46	40	35	44	38	34	31						
7	62	48	39	33	59	47	38	32	44	37	31	42	36	31	40	34	30	28						
8	57	44	35	29	55	43	34	29	41	33	28	39	32	27	37	31	27	25						
9	54	40	32	26	52	39	31	26	37	30	25	36	29	25	34	28	24	22						
10	50	37	29	24	49	36	28	23	34	28	23	33	27	22	32	26	22	20						

RC - Ceiling Cavity Reflectance RW - Wall Reflectance

EFFICACY: 126 LM/W

