

<b>CALCULATED</b> <b>L70</b> <b>LIFETIME</b> <b>50,000 HRS</b>	<b>2000</b> LUMENS	<b>3000</b> LUMENS	<b>4000</b> LUMENS	<b>5000</b> LUMENS
	<b>18</b> WATT	<b>27</b> WATT	<b>36</b> WATT	<b>45</b> WATT

**INTENDED USE:**

- Ideal for stairways, corridors, utility rooms and other low occupancy applications
- For use in residential, commercial and hospitality markets

- For wall or vanity application
- Baffle front cover plate is also removable for 180° illumination

**PRODUCT FEATURES:**

- Life tested to ensure light output up to 50,000 hours of operation to L70
- Tested to LM-79 and LM-80 standards
- Available in prismatic acrylic lens and white end caps
- Individually boxed

- Diffuser easily removed via locking nut at both ends of fixture
- Post-painted body and hemmed edges allow for safe handling and installation
- Suitable for dry and damp environments
- Lightweight design enables easier installation

**OPTICS** - The OSL-LED uses a prismatic acrylic lens to scatter the light emitted from the LED chips into functional light. The LED offered in the OW1B-LED has the highest return on initial investment compared to other standard lighting solutions.

**PERFORMANCE** - The light engines found in the OSL are rated at 85+ CRI and are available in multiple CCTs: 3000K, 3500K, 4000K and 5000K. Rated and tested to LM-79 and LM-80 standards. The LEDs are also binned to a 3-step MacAdam ellipses to achieve consistent color from fixture to fixture.

**ELECTRICAL** - 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.

**DIMMING** - The OSL-LED comes standard with 0-10V dimming on either 120 or 277V. Also available in Lutron dimming options. Consult factory for dimmer compatibility.

**QUALITY CONTROL** - Every fixture is turned on and rigorously tested by our QC Department before shipping.

**DESCRIPTION AND OPERATION**

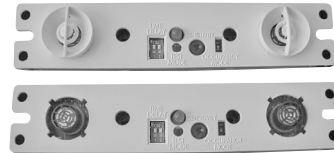
- The OSLMS-FS-8 and OSLMS-FS-10 occupancy sensors turn lighting on and off based on occupancy. The sensors use ultrasonic sensing technology. Once the space is vacant and the time delay elapses (adjustable from 5 to 30 minutes), lights will turn off.

**APPLICATION**

- For a large rectangular detection area with ceiling mounted fixtures, the OSLMS-FS-10 provides excellent coverage. For specialized applications such as stairwells, the elongated coverage pattern of the OSLMS-FS-8 is ideal.
- The FS-555 can provide bi-level lighting control in fixtures that have bi-level or dimming ballasts, resulting in up to 66% energy savings for fixtures that are on 24-hours a day, seven days a week, while still providing enough light for safety and egress.

**LISTING** - c-UL-us Listed to US and Canadian standards

**WARRANTY** - Limited 5 Year Warranty



Ordering Information: Example: 4-OSL-LED-2000L-DIM10-MVOLT-30K-85

FIXTURE SIZE	SERIES	TYPE	LUMENS	DIMMING	VOLTAGE	CCT	CRI	EMERGENCY	WIRING OPTIONS
2 - 2' 4 - 4'	OSL-Oracle LED Wall/ Stairwell with Sensor	LED	<b>2' FIXTURE</b> 1000L - (1000 lumens) 2000L - (2000 lumens) <b>4' FIXTURE</b> 2000L - (2000 lumens) 3000L - (3000 lumens) 4000L - (4000 lumens) 5000L - (5000 lumens)	DIM10 - 0-10V Dimming LUTH - Lutron Dimming	MVOLT 347* <small>* Consult factory for details</small>	30K - (3000K) 35K - (3500K) 40K - (4000K) 50K - (5000K)	85	0-EMG-LED	FBF - Internal Fast Blow Fuse SBF - Internal Slow-Blow Fuse RIS - Radio Interference Suppressor

**SENSOR**  
FS-555 - Comes Standard with FS-555 Motion Sensor (For Non-Motion Sensor Please See OW1B-LED)

**OPTIONS**  
USA - Made in America Compliance

LED  
OSL

LED Stairwell Fixture



# PHOTOMETRY DATA

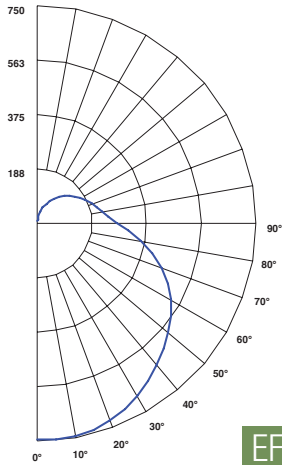
## 4-OSL-LED-2000L-DIM10-MVOLT-40K-85

WATTAGE: 21.7

LUMENS: 2409

TOTAL LUMINAIRE EFFICACY: 111

### Candle Power Distribution (Candelas)



### Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-30°	415.76	N.A.	17.30
0-40°	690.83	N.A.	28.70
0-60°	1294.35	N.A.	53.70
0-90°	1963.49	N.A.	81.50
0-180°	2409.21	N.A.	100.00

### Luminance Data (cd/sq.m)

Angle In Degrees	Average 0°	Average 45°	Average 90°
45°	3747	4403	4820
55°	3614	4697	5422
65°	3493	5289	6488
75°	3379	6680	8767
85°	3694	14089	19974

### Candela Tabulation

	0	45	90
0	523.539	523.539	523.539
5	520.843	524.762	526.835
15	498.936	512.579	520.457
25	457.765	483.784	497.834
35	401.719	442.393	465.788
45	335.046	393.737	431.044
55	262.147	340.700	393.323
65	186.713	282.670	346.760
75	110.612	218.655	286.947
85	40.716	155.288	220.157
90	15.744	129.951	190.997

### Spacing Criteria

0-180	: 1.24
90-270	: 1.38
Diagonal	: 1.48

**EFFICACY: 111 LM/W**

### 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	115	115	115	115	110	110	110	110	101	101	101	93	93	93	85	85	85	85	82	82	82	82			
1	102	96	91	86	97	92	87	83	84	80	77	77	74	71	70	68	66	66	62	62	62	62			
2	91	82	74	68	87	78	71	65	72	66	61	66	61	57	60	56	53	50	50	50	50				
3	83	71	62	55	78	68	60	53	62	56	50	57	51	47	52	48	44	41	41	41	41				
4	75	62	53	46	71	60	51	44	55	48	42	50	44	39	46	41	37	34	34	34	34				
5	69	55	46	39	65	53	44	38	49	41	36	45	39	34	41	36	32	29	29	29	29				
6	63	50	40	34	60	48	39	33	44	36	31	40	34	29	37	32	27	25	25	25	25				
7	59	45	36	29	56	43	35	29	40	32	27	37	30	26	34	28	24	22	22	22	22				
8	54	41	32	26	52	39	31	25	36	29	24	34	27	23	31	26	22	19	19	19	19				
9	51	37	29	23	48	36	28	23	33	26	21	31	25	20	29	23	19	17	17	17	17				
10	48	34	26	21	45	33	25	20	31	24	19	29	23	18	27	21	18	16	16	16	16				

RC - Ceiling Cavity Reflectance RW - Wall Reflectance

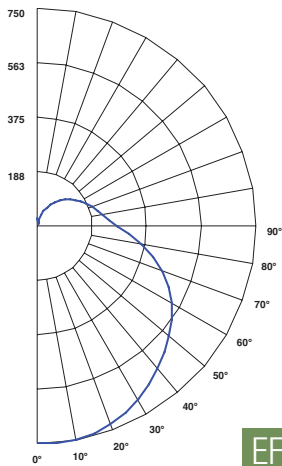
## 4-OSL-LED-3000L-DIM10-MVOLT-40K

WATTAGE: 31.8

LUMENS: 3498

TOTAL LUMINAIRE EFFICACY: 110

### Candle Power Distribution (Candelas)



### Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-30°	603.69	N.A.	17.30
0-40°	1003.1	N.A.	28.70
0-60°	1879.41	N.A.	53.70
0-90°	2851.01	N.A.	81.50
0-180°	3498.2	N.A.	100.00

### Luminance Data (cd/sq.m)

Angle In Degrees	Average 0°	Average 45°	Average 90°
45°	5440	6393	6999
55°	5247	6820	7873
65°	5072	7679	9421
75°	4907	9700	12729
85°	5364	20457	29002

### Candela Tabulation

	0	45	90
0	760.185	760.185	760.185
5	756.270	761.960	764.970
15	724.460	744.270	755.710
25	664.680	702.460	722.860
35	583.300	642.360	676.330
45	486.490	571.710	625.880
55	380.640	494.700	571.110
65	271.110	410.440	503.500
75	160.610	317.490	416.650
85	59.120	225.480	319.670
90	22.860	188.690	277.330

### Spacing Criteria

0-180	: 1.24
90-270	: 1.38
Diagonal	: 1.48

**EFFICACY: 110 LM/W**

### 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	115	115	115	115	110	110	110	110	101	101	101	93	93	93	85	85	85	85	82	82	82	82			
1	102	96	91	86	97	92	87	83	84	80	77	77	74	71	70	68	66	66	62	62	62	62			
2	91	82	74	68	87	78	71	65	72	66	61	66	61	57	60	56	53	50	50	50	50				
3	83	71	62	55	78	68	60	53	62	56	50	57	51	47	52	48	44	41	41	41	41				
4	75	62	53	46	71	60	51	44	55	48	42	50	44	39	46	41	37	34	34	34	34				
5	69	55	46	39	65	53	44	38	49	41	36	45	39	34	41	36	32	29	29	29	29				
6	63	50	40	34	60	48	39	33	44	36	31	40	34	29	37	32	27	25	25	25	25				
7	59	45	36	29	56	43	35	29	40	32	27	37	30	26	34	28	24	22	22	22	22				
8	54	41	32	26	52	39	31	25	36	29	24	34	27	23	31	26	22	19	19	19	19				
9	51	37	29	23	48	36	28	23	33	26	21	31	25	20	29	23	19	17	17	17	17				
10	48	34	26	21	45	33	25	20	31	24	19	29	23	18	27	21	18	16	16	16	16				

RC - Ceiling Cavity Reflectance RW - Wall Reflectance

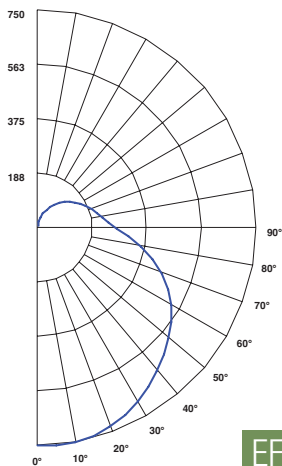
## 4-OSL-LED-5000L-DIM10-MVOLT-40K-85

WATTAGE: 49.2

LUMENS: 5282

TOTAL LUMINAIRE EFFICACY: 107

### Candle Power Distribution (Candelas)



### Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-30°	911.57	N.A.	17.30
0-40°	1514.68	N.A.	28.70
0-60°	2837.91	N.A.	53.70
0-90°	4305.03	N.A.	81.50
0-180°	5282.28	N.A.	100.00

### Luminance Data (cd/sq.m)

Angle In Degrees	Average 0°	Average 45°	Average 90°
45°	8215	9654	10568
55°	7924	10298	11889
65°	7659	11596	14225
75°	7409	14647	19221
85°	8099	30890	43793

### Candela Tabulation

	0	45	90
0	1147.879	1147.879	1147.879
5	1141.968	1150.560	1155.105
15	1093.935	1123.848	1141.122
25	1003.667	1060.715	1091.519
35	880.783	969.964	1021.258
45	734.600	863.282	945.079
55	574.766	746.997	862.376
65	409.376	619.764	760.285
75	242.521	479.410	629.141
85	89.271	340.475	482.702
90	34.519	284.922	418.768

### Spacing Criteria

0-180	: 1.24
90-270	: 1.38
Diagonal	: 1.48

**EFFICACY: 107 LM/W**

### 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	115	115	115	115	110	110	110	110	101	101	101	93	93	93	85	85	85	85	82	82	82	82			
1	102	96	91	86	97	92	87	83	84	80	77	77	74	71	70	68	66	66	62	62	62	62			
2	91	82	74	68	87	78	71	65	72	66	61	66	61	57	60	56	53	50	50	50	50				
3	83	71	62	55	78	68	60	53	62	56	50	57	51	47	52	48	44	41	41	4					