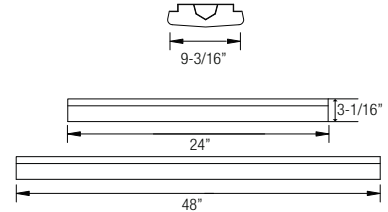




# OIW-LED SERIES



**CALCULATED**  
**L70**  
**LIFETIME**  
**50,000 HRS**



<b>2400</b> LUMENS	<b>3400</b> LUMENS	<b>4000</b> LUMENS	<b>5000</b> LUMENS	<b>6000</b> LUMENS	<b>7000</b> LUMENS
<b>19</b> WATT According to DLC Test Results	<b>26</b> WATT According to DLC Test Results	<b>32</b> WATT According to DLC Test Results	<b>41</b> WATT According to DLC Test Results	<b>49</b> WATT According to DLC Test Results	<b>58</b> WATT According to DLC Test Results

**APPLICATION:**

Ideal for general office lighting, corridors, educational institutions, hospitals, and retail.



\* For list of qualified DLC fixture, please consult factory

LED  
OIW

**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
- Heavy-duty-gauge steel utilized throughout for durability and code compliance
- Wrap around acrylic lens provides even illumination up to 180 degrees
- Pretreated with five-stage iron phosphate process to ensure superior paint adhesion
- Painted high-gloss baked white enamel

- Shallow design is ideal for commercial, industrial and residential spaces requiring general illumination
- Emergency battery back-up comes pre-installed on the fixture and emergency push button is installed on the fixture for easy access and aesthetics.
- Suitable for dry and damp environments
- Lightweight design enables easier installation
- Not intended for continuous row mounting

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

**OPTIONS** - Fixtures can be shipped pre-installed with daylight harvesting controls, occupancy sensors, and/or power pack. Available manufacturer options include Leviton, Hubble Automation, and others.

**PERFORMANCE** - The light engines found in the OIW 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.

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

**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.

**WARRANTY** - Limited 5 Year Warranty

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

Ordering Information: Example: 4-OIW-LED-2400L-DIM10-120-30K

FIXTURE SIZE	SERIES	TYPE	SERIES	DIMMING	VOLTAGE	CCT	CRI	EMERGENCY	OTHER OPTIONS
4 - 4'	OIW-Oracle LED Industrial Wrap Around	LED	<b>4' FIXTURE</b> 2400L - (2250 lumens) 3400L - (3446 lumens) 4000L - (4150 lumens) 5000L - (5100 lumens) 6000L - (6100 lumens) 7000L - (7100 lumens)	DIM10 - DIM10-MVOLT LUTH - LUTH-MVOLT	MVOLT 347* <small>* Consult factory for details</small>	30K - (3000K) 35K - (3500K) 40K - (4000K) 50K - (5000K)	85	0-EMG-LED EMG-SD-LED	OSM3D-DDW-20 - HF Microwave Sensor 0-10 20% Dim OSM3D-DDW-50 - HF Microwave Sensor 0-10 50% Dim OSM3D-V1W - Line Voltage Microwave Sensor USA - Made in America Compliance
<b>WIRING OPTIONS</b>									
FBF - Internal Fast Blow Fuse SBF - Internal Slow Blow Fuse RIS - Radio Interference Sensor									

LED Industrial Wrap Around

# PHOTOMETRY DATA

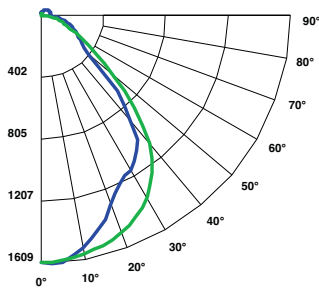
## 4-OIW-LED-3400L

WATTAGE: **32.5W**

LUMENS: **3518**

TOTAL LUMINAIRE EFFICACY: **108**

### Candle Power Distribution (Candelas)



### Spacing Criteria

0-180 : **1.26**  
 90-270 : **1.08**  
 Diagonal : **1.22**

**EFFICACY: 108 LM/W**

### Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-30°	1167.98	N.A.	33.20
0-40°	1849.95	N.A.	52.60
0-60°	2805.57	N.A.	79.70
0-90°	3290.77	N.A.	93.50
0-180°	3518.25	N.A.	100.00

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

Angle In Degrees	Average		
	0°	45°	90°
45°	4254	3853	3489
55°	2675	2819	1977
65°	1695	1849	2021
75°	1629	2181	2392
85°	1460	3086	3378

### Candela Tabulation

	0	45	90
0	1601.385	1601.385	1601.385
5	1591.460	1594.060	1608.700
15	1546.790	1480.800	1433.570
25	1441.620	1279.750	1207.320
35	1250.120	1056.640	1069.980
45	850.310	770.120	697.400
55	433.800	457.130	320.530
65	202.490	220.950	241.470
75	119.200	159.610	175.010
85	35.960	76.030	83.220
90	1.550	45.350	54.270

### 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	118	118	118	118	114	114	114	114	108	108	108	102	102	102	96	96	96	94							
1	108	104	100	96	105	101	97	94	96	93	90	91	88	86	86	84	83	80							
2	99	92	86	81	96	90	84	79	85	80	76	81	77	74	77	74	71	69							
3	92	82	75	69	89	80	73	68	76	71	66	73	68	64	69	66	62	60							
4	85	74	66	60	82	72	65	59	69	62	57	66	60	56	63	58	55	52							
5	78	67	58	52	76	65	58	52	62	56	51	60	54	50	57	53	49	46							
6	73	61	52	46	71	59	52	46	57	50	45	55	49	44	53	47	43	41							
7	68	55	47	42	66	54	47	41	52	45	41	50	44	40	48	43	39	37							
8	63	51	43	38	62	50	42	37	48	41	37	46	40	36	45	39	35	34							
9	59	47	39	34	58	46	39	34	45	38	33	43	37	33	42	36	32	31							
10	56	43	36	31	54	43	36	31	41	35	31	40	34	30	39	34	30	28							

RC - Ceiling Cavity Reflectance

RW - Wall Reflectance

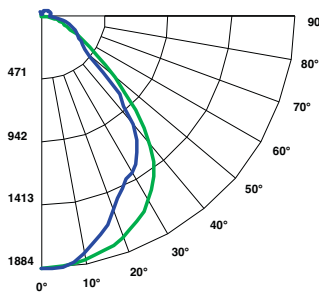
## 4-OIW-LED-4000L

WATTAGE: **38.2W**

LUMENS: **4126**

TOTAL LUMINAIRE EFFICACY: **108**

### Candle Power Distribution (Candelas)



### Spacing Criteria

0-180 : **1.26**  
 90-270 : **1.08**  
 Diagonal : **1.22**

**EFFICACY: 108 LM/W**

### Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-30°	1374.48	N.A.	33.30
0-40°	2173.56	N.A.	52.70
0-60°	3290.59	N.A.	79.80
0-90°	3862.32	N.A.	93.60
0-180°	4126.78	N.A.	100.00

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

Angle In Degrees	Average		
	0°	45°	90°
45°	4952	4429	4113
55°	3125	3244	2301
65°	1980	2166	2380
75°	1905	2576	2841
85°	1673	3710	4154

### Candela Tabulation

	0	45	90
0	1884.478	1884.478	1884.478
5	1872.080	1867.310	1878.950
15	1810.720	1744.310	1690.810
25	1692.460	1510.490	1416.350
35	1461.380	1237.140	1239.840
45	989.870	885.280	822.120
55	506.650	525.970	373.160
65	236.580	258.790	284.330
75	139.390	188.510	207.850
85	41.220	91.410	102.340
90	1.740	52.050	61.390

### 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	118	118	118	118	114	114	114	114	108	108	108	102	102	102	96	96	96	94							
1	108	104	100	96	105	101	97	94	96	93	90	91	88	86	86	84	83	80							
2	99	92	86	81	96	90	84	79	85	80	76	81	77	74	77	74	71	69							
3	92	82	75	69	89	80	73	68	76	71	66	73	68	64	70	66	62	60							
4	85	74	66	60	82	72	65	59	69	63	57	66	60	56	63	58	55	52							
5	78	67	58	52	76	65	58	52	62	56	51	60	54	50	57	53	49	46							
6	73	61	52	47	71	59	52	46	57	50	45	55	49	44	53	48	43	41							
7	68	55	47	42	66	54	47	41	52	45	41	50	44	40	49	43	39	37							
8	63	51	43	38	62	50	42	37	48	41	37	46	40	36	45	40	36	34							
9	59	47	39	34	58	46	39	34	45	38	33	43	37	33	42	36	32	31							
10	56	44	36	31	54	43	36	31	41	35	31	40	34	30	39	34	30	28							

RC - Ceiling Cavity Reflectance

RW - Wall Reflectance

LED  
OIW

LED Industrial Wrap Around