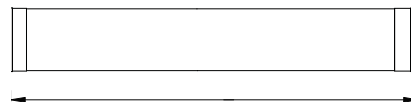
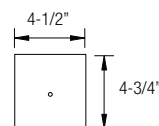




OW1B-LED SERIES



CALCULATED
L70
LIFETIME
50,000 HRS



LENGTH
(24-1/4") (48-1/4")

1000
LUMENS

14
WATT

2000
LUMENS

23
WATT

4000
LUMENS

46
WATT



APPLICATION:

For use in residential, commercial and hospitality markets. For wall or vanity applications.

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
- 22-gauge steel utilized throughout for durability and code compliance

- Pretreated with five-stage iron phosphate process to ensure superior paint adhesion
- Emergency battery back-up comes pre-installed on the fixture and emergency push button is installed on the fixture for easy access and aesthetics.
- Painted high-gloss baked white enamel
- Suitable for dry and damp environments
- Lightweight design enables easier installation

OPTICS - The OW1B-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 OW1B 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 OW1B-LED comes standard with 0-10V dimming on either 120 or 277V. Also available in Lutron dimming options. Consult factory for dimmer compatibility.

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.

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

WARRANTY - Limited 5 Year Warranty

Ordering Information: Example: 2-OW1B-LED-2000L-DIM10-MVOLT-30K

FIXTURE SIZE	SERIES	TYPE	LUMENS	DIMMING	VOLTAGE	CCT	CRI	EMERGENCY	OTHER OPTIONS
2' - 2'	OW1B-Oracle LED Wall/ Ceiling	LED	2' FIXTURE 1000L - (1000 lumens) 2000L - (2000 lumens) 4000L - (4000 lumens)	DIM10 - DIM10-MVOLT LUTH - LUTH-MVOLT	MVOLT 347* * Consult factory for details	30K - (3000K) 35K - (3500K) 40K - (4000K) 50K - (5000K)	85	0-EMG-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
WIRING OPTIONS									USA - Made in America Compliance
FBF - Internal Fast Blow Fuse SBF - Internal Slow Blow Fuse RIS - Radio Interference Sensor									

This product is also available in Vibrant Technologies: Smart White (tunable white), Smart Hue (tunable white + RGB) and Warm Dim. Please refer to our website to download Vibrant Technology spec sheets.

PHOTOMETRY DATA

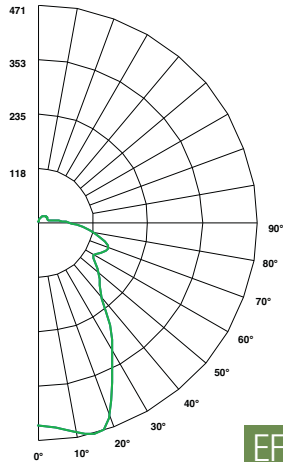
2-OW1B-LED-1000L-DIM10-120-40K

WATTAGE: **14W**

LUMENS: **1189**

TOTAL LUMINAIRE EFFICACY: **84**

Candle Power Distribution (Candelas)



Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-30°	350.01	N.A.	29.40
0-40°	540.60	N.A.	45.50
0-60°	816.17	N.A.	68.60
0-90°	1069.29	N.A.	89.90
0-180°	1188.99	N.A.	100.00

Luminance Data (cd/sq.m)

Angle In Degrees	Average 0°	Average 45°	Average 90°
45°	5136	4115	3817
55°	2974	3388	3793
65°	1988	3516	5092
75°	1757	5010	8310
85°	1854	13487	15993

Candela Tabulation

	0	45	90
0	436.849	436.849	436.849
5	436.500	441.480	444.240
15	423.870	453.560	470.970
25	395.900	425.060	378.980
35	348.180	299.370	269.520
45	253.300	202.910	188.260
55	118.960	135.530	151.740
65	58.600	103.620	150.070
75	31.710	90.440	150.000
85	11.270	81.980	97.210
90	0.450	66.760	71.250

Spacing Criteria

0-180	: 1.28
90-270	: 1.12
Diagonal	: 1.20

EFFICACY: 84 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%	50%	30%	10%	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	90	90
1	105	100	95	91	102	97	93	89	91	87	84	85	82	80	80	78	76	73	73	73	73	73	73	73	73
2	96	88	81	75	92	85	79	73	80	74	70	75	71	67	70	67	64	61	61	61	61	61	61	61	61
3	88	78	69	63	85	75	68	62	71	65	59	67	62	57	63	59	55	52	52	52	52	52	52	52	52
4	81	69	61	54	78	67	59	53	64	57	51	60	54	50	57	52	48	46	46	46	46	46	46	46	46
5	75	62	54	47	72	61	53	47	58	51	45	55	49	44	52	47	42	40	40	40	40	40	40	40	40
6	70	57	48	42	67	55	47	41	52	45	40	50	44	39	47	42	38	36	36	36	36	36	36	36	36
7	65	52	43	37	62	50	43	37	48	41	36	46	40	35	44	38	34	32	32	32	32	32	32	32	32
8	61	47	39	34	58	46	39	33	44	37	32	42	36	32	40	35	31	29	29	29	29	29	29	29	29
9	57	44	36	31	55	43	35	30	41	34	30	39	33	29	38	32	28	26	26	26	26	26	26	26	26
10	53	41	33	28	52	40	32	28	38	32	27	36	31	26	35	30	26	24	24	24	24	24	24	24	24

RC - Ceiling Cavity Reflectance

RW - Wall Reflectance

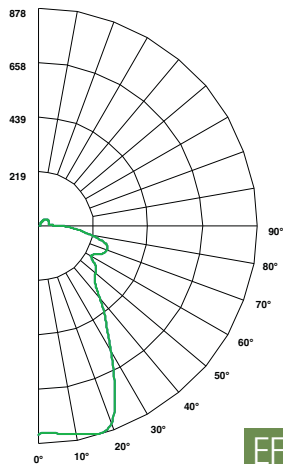
2-OW1B-LED-2000L-DIM10-120-40K

WATTAGE: **23W**

LUMENS: **2203**

TOTAL LUMINAIRE EFFICACY: **94**

Candle Power Distribution (Candelas)



Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-30°	662.61	N.A.	30.10
0-40°	1017.4	N.A.	46.20
0-60°	1524.31	N.A.	69.20
0-90°	1987.98	N.A.	90.20
0-180°	2202.94	N.A.	100.00

Luminance Data (cd/sq.m)

Angle In Degrees	Average 0°	Average 45°	Average 90°
45°	1693	1270	1200
55°	1004	995	1293
65°	598	1136	1623
75°	540	1526	2916
85°	460	4103	5269

Candela Tabulation

	0	45	90
0	831.857	831.857	831.857
5	822.500	825.790	832.920
15	784.530	824.500	861.440
25	716.840	784.750	717.420
35	609.580	542.200	464.910
45	445.410	334.010	315.580
55	214.160	212.320	275.880
65	94.000	178.570	255.190
75	52.000	146.870	280.770
85	14.920	133.010	170.810
90	0.820	109.050	124.420

Spacing Criteria

0-180	: 1.20
90-270	: 1.10
Diagonal	: 1.18

EFFICACY: 94 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%	50%	30%	10%	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	90	90
1	105	100	96	92	102	97	93	89	91	88	85	85	83	80	80	78	76	73	73	73	73	73	73	73	73
2	96	88	81	75	93	85	79	73	80	75	70	75	71	67	71	67	64	62	62	62	62	62	62	62	62
3	88	78	70	63	85	76	68	62	71	65	60	67	62	58	63	59	55	53	53	53	53	53	53	53	53
4	81	70	61	55	78	68	60	54	64	57	52	61	55	50	57	52	48	46	46	46	46	46	46	46	46
5	75	63	54	48	72	61	53	47	58	51	46	55	49	44	52	47	43	41	41	41	41	41	41	41	41
6	70	57	48	42	67	56	48	42	53	46	41	50	44	39	48	43	38	36	36	36	36	36	36	36	36
7	65	52	44	38	63	51	43	37	48	41	36	46	40	35	44	39	35	33	33	33	33	33	33	33	33
8	61	48	40	34	59	47	39	34	45	38	33	43	37	32	41	35	31	29	29	29	29	29	29	29	29
9	57	44	36	31	55	43	36	31	41	35	30	40	34	29	38	33	29	27	27	27	27	27	27	27	27
10	54	41	33	28	52	40	33	28	38	32	27	37	31	27	35	30	26	25	25	25	25	25	25	25	25

RC - Ceiling Cavity Reflectance

RW - Wall Reflectance

LED
OW1B

LED Wall/Ceiling Bracket Fixture