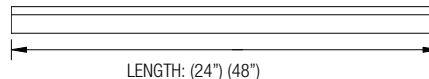
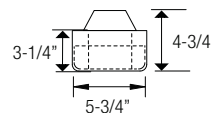




ONW-LED SERIES



CALCULATED
L70
 LIFETIME
50,000 HRS

2000
 LUMENS

21
 WATT

3000
 LUMENS

30
 WATT

4000
 LUMENS

41
 WATT

APPLICATION:

- General illumination for narrow area layouts • Aisle areas for retail stores and small retail store format
- Hallways/corridors, office buildings, schools, hospitals and public walkway areas • Library stacks and storage areas



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
- 22-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
- Suitable for dry and damp environments

- 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.
- Lightweight design enables easier installation
- Can be used for parallel or cross-corridor layouts
- Fixture can be continuous row or individually mounted
- Suitable for surface or suspended mounting

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

PERFORMANCE - The light engines found in the ONW 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 ONW-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. The Wattstopper - **MS-FM105** Super High Frequency Occupancy Sensor is a line voltage sensor that turns lighting on and off based on occupancy, and can hold lights off when sufficient daylight is available. It detects motion via super high frequency (SHF) electromagnetic waves and the Doppler principle. MS-FM105 is installed behind fixture lenses and hidden from view.

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

WARRANTY - Limited 5 Year Warranty

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

FIXTURE SIZE	SERIES	TYPE	LUMENS	DIMMING	VOLTAGE	CCT	CRI	EMERGENCY	OTHER OPTIONS
4 - 4'	ONW-Oracle LED Wrap Around	LED	4' FIXTURE 2000L - (2000 lumens) 3000L - (3000 lumens) 4000L - (4000 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	MS-FM105 - High Frequency Occupancy Sensor USA - Made in America Compliance
WIRING OPTIONS 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

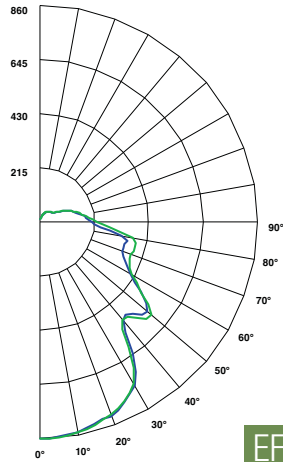
4-ONW-LED-3000L

WATTAGE: 30W

LUMENS: 3006

TOTAL LUMINAIRE EFFICACY: 100

Candle Power Distribution (Candelas)



Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-30°	676.51	N.A.	22.50
0-40°	1092.22	N.A.	36.30
0-60°	1868.51	N.A.	62.20
0-90°	2597.78	N.A.	86.40
0-180°	3006.23	N.A.	100.00

Luminance Data (cd/sq.m)

Angle In Degrees	Average 0°	Average 45°	Average 90°
45°	2616	2304	2701
55°	1677	2879	3018
65°	1098	2698	3261
75°	926	3023	5281
85°	842	5917	11209

Candela Tabulation

	0	45	90
0	859.972	859.972	859.972
5	855.315	855.940	857.449
15	822.664	827.062	834.974
25	763.701	771.862	783.306
35	670.257	671.802	608.470
45	522.937	460.478	539.948
55	271.961	466.863	489.412
65	131.174	322.350	389.648
75	67.758	221.150	386.363
85	20.755	145.774	276.166
90	1.500	140.714	226.706

Spacing Criteria

0-180	: 1.26
90-270	: 1.26
Diagonal	: 1.30

EFFICACY: 100 LM/W

Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance 20% = PF

RC	70%	80%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%
0	116	116	116	116	112	112	112	112	104	104	96	96	96	90	90	86
1	104	98	93	89	99	95	90	86	88	84	81	79	76	76	73	68
2	94	85	77	71	90	82	75	69	76	70	66	62	66	62	59	56
3	85	74	66	59	82	72	64	57	67	60	55	52	52	58	53	47
4	78	66	57	50	75	63	55	49	59	52	47	55	49	44	52	42
5	72	59	50	43	69	57	48	42	53	46	40	50	43	39	46	37
6	66	53	44	37	63	51	43	37	48	41	35	45	39	34	42	37
7	61	48	39	33	59	46	38	32	44	36	31	41	35	30	39	33
8	57	44	35	29	55	42	34	29	40	33	28	38	31	27	36	30
9	53	40	32	26	51	39	31	26	37	30	25	35	29	24	33	27
10	50	37	29	24	48	36	29	23	34	27	23	32	26	22	31	25

RC - Ceiling Cavity Reflectance

RW - Wall Reflectance

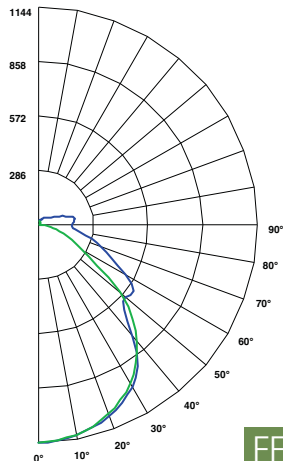
4-ONW-LED-4000L

WATTAGE: 41W

LUMENS: 3989

TOTAL LUMINAIRE EFFICACY: 97

Candle Power Distribution (Candelas)



Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-30°	894.54	N.A.	22.40
0-40°	1444.72	N.A.	36.20
0-60°	2472.84	N.A.	62.00
0-90°	3440.23	N.A.	86.20
0-180°	3989.03	N.A.	100.00

Luminance Data (cd/sq.m)

Angle In Degrees	Average 0°	Average 45°	Average 90°
45°	3566	3163	3501
55°	3931	3740	2305
65°	4276	3520	1603
75°	6980	3966	1288
85°	14667	7266	1322

Candela Tabulation

	0	45	90
0	1142.55	1142.55	1142.55
5	1139.39	1135.72	1136.66
15	1108.13	1101.16	1099.37
25	1031.63	1033.80	1013.59
35	783.01	905.41	888.53
45	712.78	632.35	699.85
55	637.32	606.47	373.72
65	510.84	420.57	191.46
75	510.67	290.16	94.24
85	361.37	179.01	32.57
90	298.90	174.16	1.98

Spacing Criteria

0-180	: 1.24
90-270	: 1.26
Diagonal	: 1.30

EFFICACY: 97 LM/W

Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance 20% = PF

RC	70%	80%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%
0	116	116	116	116	111	111	111	111	103	103	96	96	96	89	89	86
1	104	98	93	89	99	94	90	86	98	94	81	78	76	76	73	68
2	94	85	77	71	90	82	75	69	76	70	66	62	66	62	59	56
3	85	74	66	59	82	72	64	57	67	60	55	52	52	58	53	47
4	78	66	57	50	75	63	55	49	59	52	46	55	49	44	51	42
5	72	59	50	43	69	57	48	42	53	46	40	50	43	38	46	37
6	66	53	44	37	63	51	43	37	48	41	35	45	39	34	42	37
7	61	48	39	33	59	46	38	32	44	36	31	41	35	30	39	33
8	57	44	35	29	55	42	34	29	40	33	28	38	31	27	36	30
9	53	40	32	26	51	39	31	26	37	30	25	35	29	24	33	27
10	50	37	29	24	48	36	28	23	34	27	23	32	26	22	30	25

RC - Ceiling Cavity Reflectance

RW - Wall Reflectance

LED
ONW

LED Wrap Around