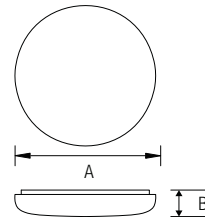


# OMS-LED SERIES



**OMS-LED-11**  
A. Diameter = 11-1/2"  
B. Height = 3-1/2"  
**OMS-LED-14**  
A. Diameter = 14"  
B. Height = 3-1/2"  
**OMS-LED-19**  
A. Diameter = 19"  
B. Height = 4"

**CALCULATED**  
**L70**  
LIFETIME  
**60,000 HRS**

**90+**  
CRI

<b>11"</b>	<b>14"</b>	<b>19"</b>
<b>1200</b> LUMENS	<b>2200</b> LUMENS	<b>3500</b> LUMENS
<b>15</b> WATTS	<b>28</b> WATTS	<b>40</b> WATTS

**APPLICATION:**

Hallways/corridors, office buildings, library stacks, schools, and hospitals.

**PRODUCT FEATURES:**

- Heavy-gauge metal housing
- Housing suitable for mounting to standard junction box
- Lens is UV stable white acrylic
- Suitable for damp location
- Emergency battery back-up comes pre-installed on the fixture and emergency push button is installed on the fixture for easy access and aesthetics.
- Life tested to ensure light output up to 60,000 hours of operation to L70
- Tested to LM-79 and LM-80 standards

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

**PERFORMANCE** - The light engines found in the OMS are rated at 90+ CRI and are available in multiple CCTs: 3000K, 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 or 120-277V input, produce less than 20% THD, and have a power factor of .90 to 1.00.

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

**INSTALLATION** - Fixture easily mounts directly over a 4" recessed outlet box, and most standard size junction boxes.

**WARRANTY** - Limited 5 Year Warranty

Note: Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25°C. Specifications are subject to change without notice.



Ordering Information: Example: OMS-LED-11-1200L-DIMTR-120-30K

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
SERIES	TYPE	FIXTURE SIZE	LUMENS	DIMMING	VOLTAGE	CCT	CRI	EMERGENCY	OPTION
OMS-Oracle LED Surface Mount Mushroom	LED	11 - 11" 14 - 14" 19 - 19"	11" FIXTURE 1200L - (1200 lumens) 14" FIXTURE 2200L - (2200 lumens) 19" FIXTURE 3500L - (3500 lumens)	DIMTR DIM10 (Not Available for 11")	MVOLT 120 347* <small>* Consult factory for details</small>	30K - (3000K) 40K - (4000K) 50K - (5000K)	90	(Consult factory)	USA - Made in America Compliance

# PHOTOMETRY DATA

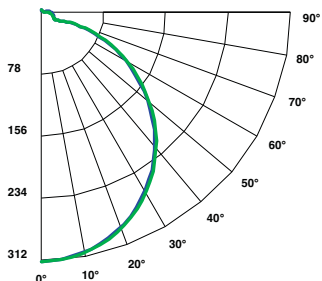
OMS-LED-11-1200L-MVOLT-40K

WATTAGE: 15W

LUMENS: 1203

TOTAL LUMINAIRE EFFICACY: 82

### Candle Power Distribution (Candelas)



### Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-30°	244.06	N.A.	20.30
0-40°	402.56	N.A.	33.50
0-60°	728.91	N.A.	60.60
0-90°	1041.92	N.A.	86.60
0-180°	1203.16	N.A.	100.00

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

Angle In Degrees	Average 0°	Average 45°	Average 90°
45°	5979	5946	6022
55°	5948	5914	6009
65°	6148	6120	6238
75°	7204	7184	7334
85°	14374	14401	14729

### Candela Tabulation

	0	45	90
0	311.671	311.671	311.671
5	309.780	309.540	309.940
15	298.580	298.190	299.270
25	278.240	277.430	279.150
35	249.210	248.130	250.410
45	212.730	211.540	214.260
55	171.650	170.670	173.410
65	130.730	130.140	132.630
75	93.810	93.550	95.500
85	63.030	63.150	64.590
90	50.640	50.910	52.080

### Spacing Criteria

0-180	: 1.28
90-270	: 1.28
Diagonal	: 1.42

**EFFICACY: 82 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	116	116	116	116	112	112	112	112	104	104	104	96	96	96	90	90	90	90	90	90	87			
1	103	98	93	88	99	94	90	85	87	84	80	81	78	75	75	73	71	68	65	61	58			
2	93	84	77	70	89	81	74	68	75	70	65	70	65	61	65	61	58	55	51	48	45			
3	85	73	65	58	81	71	63	56	66	59	53	61	56	51	57	52	48	45	41	38	35			
4	77	65	55	48	74	62	54	47	58	51	45	54	48	43	50	45	41	38	34	31	29			
5	71	57	48	41	68	56	47	40	52	44	39	48	42	37	45	40	35	33	30	27	25			
6	65	52	42	36	62	50	41	35	47	39	34	44	37	32	41	35	31	29	26	23	22			
7	60	47	38	31	58	45	37	31	42	35	30	40	33	29	37	32	27	25	22	20	19			
8	56	42	34	28	54	41	33	27	39	32	26	36	30	25	34	29	24	22	20	18	17			
9	52	39	31	25	50	38	30	24	36	29	24	34	27	23	32	26	22	20	18	16	15			
10	49	36	28	22	47	35	27	22	33	26	21	31	25	21	29	24	20	18	16	14	13			

RC - Ceiling Cavity Reflectance

RW - Wall Reflectance

LED  
OMS

LED Surface Mount Mushroom Fixture