

QGXC	LMKGL?J JSKCLQ	U?RR?EC
15"	1200	22W
13"	1000	18W

Based on 4000K, 85+ CRI. Actual wattage may vary +/- 5%

**FEATURES**

The OMSD2 LED flush mount damp-rated mushroom with a frosted lens provides a wide distribution, soft and even ambient lighting that illuminates the entire interior space. Ideal for low or high ceilings with up to 1000 lumens (13") and 1200 lumens (15"). The half-moon dome design and wide trim blends perfectly with many designs in bedrooms, stairways, hallways, basements, roofed open porches, canopies and other commercial and residential applications.

LUMENS	13" - 1000L 15" - 1200L
CCT	30K
CRI	90+
COLOR QUALITY	3 Step MacAdam Ellipse
SIZE	13" and 15"
MOUNTING	Surface Mount
DIMMING & CONTROL	DIMTR
LIFETIME	L70 at 50,000 Hours
PHOTOMETRIC TESTS	In Accordance with IES LM79-08, LM80 and TM-30, TM-21

**CONSTRUCTION**

Durable aluminum trim. Satin nickel finish standard with opal glass.

**OPTICS**

PMMA lens for glare-free, even distribution.

**QUICK, EASY INSTALLATION**

Includes all necessary mounting hardware. Fast, easy, installation that can be completed by one qualified professional.

**LISTINGS**

Energy Star  
Damp Location



# OMSD2-LED

## LED Flush Mount Mushroom

Example: **OMSD2-LED-13-1200L-120-30K**

OMSD2					
<b>SERIES</b>	<b>TYPE</b>	<b>FIXTURE SIZE</b>	<b>LUMENS</b>	<b>VOLTAGE</b>	<b>CCT</b>
OMSD2 - LED Surface Mount Mushroom	LED	13 - 13" 15 - 15"	13" FIXTURE 1000L- 1000 lumens  15" FIXTURE 1200L- 1800 lumens	120	30K

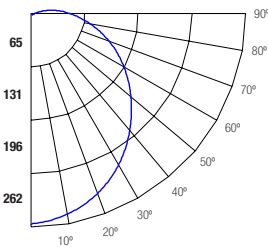
### OMSD2-LED-13-1000L-120-30K-90-SN

INPUT WATTS: **18.1** LUMENS: **1104** CRI: **90** EFFICACY: **61** CCT: **3000K**

TEST NO.: **EL041905**

SPACING CRITERIA: **1.44**

#### Candle Power Distribution (Candelas)



#### Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	95.78	8.70	8.70
0-30	205.27	18.60	18.60
0-40	340.79	30.90	30.90
0-60	634.04	57.50	57.50
0-80	882.38	80.00	80.00
0-90	971.17	88.00	88.00

#### Luminance (Average candela/M<sup>2</sup>)

Angle in Degrees	Average 0°	Average 45°	Average 90°
45	2874	3000	3158
55	2993	3148	3341
65	3331	3542	3781
75	4266	4616	4970
85	9355	10280	11140

#### Lumens Per Zone

Zone	Lumens
0-10	24.66
10-20	71.12
20-30	109.49
30-40	135.52
40-50	147.25
50-60	146.00
60-70	134.26
70-80	114.08
80-90	88.80

#### Candela Tabulation

0			
0.0	260.359	91	91
5.0	258.190	75	75
15.0	247.690	64	64
25.0	230.400	56	56
35.0	206.920	49	49
45.0	179.560	44	44
55.0	151.700	39	39
65.0	124.400	34	34
75.0	97.580	29	29
85.0	72.050	25	25
90.0	60.230	21	21

#### Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance 0.20

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	116	116	116	116	116	112	112	112	112	104	104	104	97	97	97	91	91	91	88	88	88	88
1	103	97	91	86	86	99	93	88	84	86	82	79	80	77	74	75	72	70	67	67	67	67
2	92	82	74	68	68	88	79	72	66	74	68	62	69	64	59	64	60	56	53	53	53	53
3	83	71	62	55	55	80	69	60	54	64	57	51	60	54	49	56	51	46	43	43	43	43
4	76	63	53	46	46	73	61	52	45	56	49	43	53	46	41	49	44	39	36	36	36	36
5	70	56	46	39	39	66	54	45	38	50	42	37	47	40	35	44	38	34	31	31	31	31
6	64	50	40	34	34	61	48	39	33	45	37	32	42	36	30	40	34	29	27	27	27	27
7	59	45	36	29	29	57	44	35	29	41	33	28	38	32	27	36	30	26	23	23	23	23
8	55	41	32	26	26	53	40	31	26	37	30	25	35	29	24	33	27	23	21	21	21	21
9	51	37	29	23	23	49	36	28	23	34	27	22	32	26	21	31	25	21	19	19	19	19
10	48	34	26	21	21	46	34	26	21	32	25	20	30	24	19	28	23	19	17	17	17	17

RC - Ceiling Cavity Reflectance

RW - Wall Reflectance

Cone of Light			
2	90.1 fc	8 ft	7.7 ft
4	23.9 fc	15.6 ft	15 ft
6	10.4 fc	23.6 ft	22.7 ft
8	5.8 fc	31.6 ft	30.4 ft
10	3.78 fc	39.2 ft	37.7 ft
12	2.6 fc	47.2 ft	45.4 ft

(F) Distance to Plane (FC) Initial FootCandle at Nadir (F) Beam Vert. Spread (F) Beam Horiz. Spread

BEAM DIA. MEASURED AT 50% OF NADIR F.C.

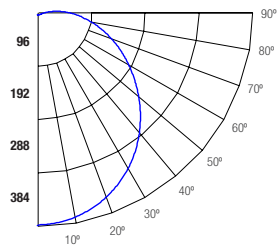
### OMSD2-LED-15-1200L-120-40K-90-SN

INPUT WATTS: **22.2** LUMENS: **1487** CRI: **90** EFFICACY: **67** CCT: **4000K**

TEST NO.: **EL101898**

SPACING CRITERIA: **1.42**

#### Candle Power Distribution (Candelas)



#### Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	140.66	9.50	9.50
0-30	300.65	20.20	20.20
0-40	497.30	33.50	33.50
0-60	911.84	61.30	61.30
0-80	1239.52	83.40	83.40
0-90	1347.58	90.70	90.70

#### Luminance (Average candela/M<sup>2</sup>)

Angle in Degrees	Average 0°	Average 45°	Average 90°
45	40585	40280	40278
55	41606	41317	41295
65	45173	44858	44848
75	56254	55772	55866
85	118807	117304	117377

#### Lumens Per Zone

Zone	Lumens
0-10	36.26
10-20	104.40
20-30	159.99
30-40	196.64
40-50	210.84
50-60	203.71
60-70	180.66
70-80	147.02
80-90	108.07

#### Candela Tabulation

0			
0.0	382.882	93	93
5.0	381.280	78	78
15.0	369.360	67	67
25.0	346.080	58	58
35.0	312.860	51	51
45.0	271.630	44	44
55.0	225.880	38	38
65.0	180.700	32	32
75.0	137.810	27	27
85.0	98.010	23	23
90.0	79.960	20	20

#### Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance 0.20

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	117	117	117	117	117	113	113	113	113	106	106	106	99	99	99	93	93	93	91	91	91	91
1	104	98	92	88	88	100	95	90	85	88	84	81	83	80	77	78	75	73	70	70	70	70
2	93	84	76	69	69	90	81	74	68	76	70	65	71	66	62	67	63	59	56	56	56	56
3	84	73	64	56	56	81	70	62	55	66	59	53	62	56	51	58	53	49	46	46	46	46
4	77	64	54	47	47	74	62	53	46	58	51	45	55	48	43	51	46	41	39	39	39	39
5	71	57	47	40	40	68	55	46	40	52	44	38	49	42	37	46	40	36	33	33	33	33
6	65	51	42	35	35	62	50	41	34	47	39	33	44	37	32	42	36	31	29	29	29	29
7	60	46	37	31	31	58	45	36	30	42	35	29	40	33	28	38	32	28	25	25	25	25
8	56	42	33	27	27	54	41	33	27	39	31	26	37	30	25	35	29	25	22	22	22	22
9	52	38	30	24	24	50	37	29	24	36	28	23	34	27	23	32	26	22	20	20	20	20
10	49	35	27	22	22	47	35	27	22	33	26	21	31	25	21	30	24	20	18	18	18	18

RC - Ceiling Cavity Reflectance

RW - Wall Reflectance

Cone of Light			
2	132 fc	6.6 ft	6.6 ft
4	35.2 fc	12.9 ft	12.7 ft
6	15.3 fc	19.5 ft	19.3 ft
8	8.53 fc	26.1 ft	25.8 ft
10	5.56 fc	32.4 ft	32 ft
12	3.83 fc	39 ft	38.5 ft

(F) Distance to Plane (FC) Initial FootCandle at Nadir (F) Beam Vert. Spread (F) Beam Horiz. Spread

BEAM DIA. MEASURED AT 50% OF NADIR F.C.