

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-DIMTR-120-27K/30K/35K/40K/50K-90**

OMSD2	LED						
SERIES	TYPE	FIXTURE SIZE	LUMENS	DIMMING	VOLTAGE	CCT	CRI
OMSD2 - LED Surface Mount Mushroom	LED	13 - 13" 15 - 15"	13" FIXTURE 1000L- 1000 lumens 15" FIXTURE 1200L- 1800 lumens	DIMTR - Triac Dimming	120	30K	90

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

INPUT WATTS: **18.1**

LUMENS: **1104**

CRI: **90**

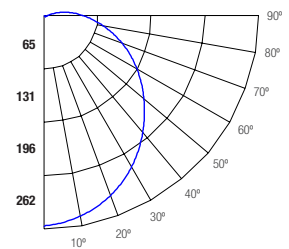
EFFICACY: **61**

CCT: **3000K**

TEST NO.: **EL041905**

SPACING CRITERIA: **1.44**

Candle Power Distribution (Candelas)



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

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

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/M²)

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		
5.0	258.190		
15.0	247.690		
25.0	230.400		
35.0	206.920		
45.0	179.560		
55.0	151.700		
65.0	124.400		
75.0	97.580		
85.0	72.050		
90.0	60.230		

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%	50%	30%	10%	0%
0	116	116	116	116	116	112	112	112	112	104	104	104	97	97	97	91	91	91	88						
1	103	97	91	86	99	93	88	84	86	82	79	80	77	74	75	72	70	67							
2	92	82	74	68	88	79	72	66	74	68	62	69	64	59	64	60	56	53							
3	83	71	62	55	80	69	60	54	64	57	51	60	54	49	56	51	46	43							
4	76	63	53	46	73	61	52	45	56	49	43	53	46	41	49	44	39	36							
5	70	56	46	39	66	54	45	38	50	42	37	47	40	35	44	38	34	31							
6	64	50	40	34	61	48	39	33	45	37	32	42	36	30	40	34	29	27							
7	59	45	36	29	57	44	35	29	41	33	28	38	32	27	36	30	26	23							
8	55	41	32	26	53	40	31	26	37	30	25	35	29	24	33	27	23	21							
9	51	37	29	23	49	36	28	23	34	27	22	32	26	21	31	25	21	19							
10	48	34	26	21	46	34	26	21	32	25	20	30	24	19	28	23	19	17							

RC - Ceiling Cavity Reflectance

RW - Wall Reflectance

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

INPUT WATTS: **22.2**

LUMENS: **1487**

CRI: **90**

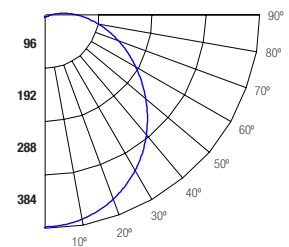
EFFICACY: **67**

CCT: **4000K**

TEST NO.: **EL101898**

SPACING CRITERIA: **1.42**

Candle Power Distribution (Candelas)



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

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

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/M²)

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		
5.0	381.280		
15.0	369.360		
25.0	346.080		
35.0	312.860		
45.0	271.630		
55.0	225.880		
65.0	180.700		
75.0	137.810		
85.0	98.010		
90.0	79.960		

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%	50%	30%	10%	0%
0	117	117	117	117	117	113	113	113	113	106	106	106	99	99	99	93	93	93	91						
1	104	98	92	88	100	95	90	85	88	84	81	83	80	77	78	75	73	70							
2	93	84	76	69	90	81	74	68	76	70	65	71	66	62	67	63	59	56							
3	84	73	64	56	81	70	62	55	66	59	53	62	56	51	58	53	49	46							
4	77	64	54	47	74	62	53	46	58	51	45	55	48	43	51	46	41	39							
5	71	57	47	40	68	55	46	40	52	44	38	49	42	37	46	40	36	33							
6	65	51	42	35	62	50	41	34	47	39	33	44	37	32	42	36	31	29							
7	60	46	37	31	58	45	36	30	42	35	29	40	33	28	38	32	28	25							
8	56	42	33	27	54	41	33	27	39	31	26	37	30	25	35	29	25	22							
9	52	38	30	24	50	37	29	24	36	28	23	34	27	23	32	26	22	20							
10	49	35	27	22	47	35	27	22	33	26	21	31	25	21	30	24	20	18							

RC - Ceiling Cavity Reflectance

RW - Wall Reflectance