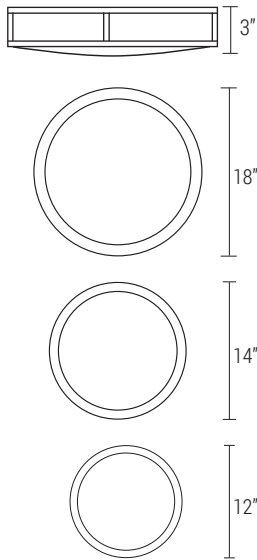


**EASY COLOR
SELECCTOR**



SIZE	NOMINAL LUMENS	WATTAGE
18"	2000	24W
16"	1900	23W
14"	1800	21W
12"	1400	18W

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

FEATURES

The OMSD1 is the ideal replacement for traditional incandescent surface mount fixtures. An easy 5-Color SeleCCTor switch allows the contractor to easily switch between five different color temperatures in the field. 3" height for a low-profile look. Ideal for bedrooms, stairways, hallways, and other commercial and residential applications.

LUMENS	12" - 1400L 14" - 1800L 16" - 1900L 18" - 2000L
CCT	27K/30K/35K/40K/50K
CRI	90+
COLOR QUALITY	3 Step MacAdam Ellipse
SIZE	12", 14", 16" and 18"
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

EASY 5-COLOR SELECCTOR SWITCH

Easy 5-Color SeleCCTor switch can be adjusted to a choice of 5 different Kelvin color temperatures in the field. Options include 27K/30K/35K/40K/50K. The SeleCCTor switch is located on the back of the fixture for easy adjustment before and after installation. The SeleCCTor switch is easily accessible by lowering the luminaire from the opening.

CONSTRUCTION

Durable steel body. Satin nickel finish standard.

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

Refer to ENERGY STAR® Certified Products List

Damp location Listed

ETL Certified for US and Canada

Can be used for State of California Title 24 high efficacy LED compliance under JA8

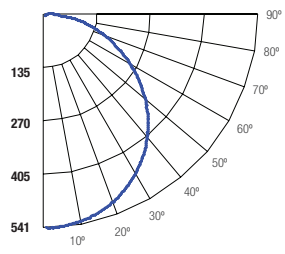


Example: **OMSD1-LED-12-1400L-120-27K/30K/35K/40K/50K-90**

OMSD1	LED					
SERIES	TYPE	FIXTURE SIZE	LUMENS	VOLTAGE	CCT	CRI
OMSD1 - LED Surface Mount Mushroom	LED	12 - 12" 14 - 14" 16 - 16" 18 - 18"	12" FIXTURE 1400L- 1400 lumens 14" FIXTURE 1800L- 1800 lumens 16" FIXTURE 1900L- 1900 lumens 18" FIXTURE 2000L- 2000 lumens	120	27K/30K/35K/40K/50K	90

OMSD1-LED-14-1800L-120-27K-30K-35K-40K-50K-85-SN TEST NO.: **EL09131984**
INPUT WATTS: 21.6 **LUMENS: 1984** **CRI: 85** **EFFICACY: 92** **CCT: 27/30/35/40/50K** **SPACING CRITERIA: 1.42**

Candle Power Distribution (Candelas)



Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	197.44	10.00	10.00
0-30	422.18	21.30	21.30
0-40	697.97	35.20	35.20
0-60	1268.83	64.00	64.00
0-80	1673.81	84.40	84.40
0-90	1789.88	90.20	90.20

Luminance (Average candela/M²)

Angle in Degrees	Average		
	0°	45°	90°
45	45727	45773	45952
55	45741	45862	46211
65	46617	46567	47229
75	52817	52764	53534
85	101389	101595	103225

Lumens Per Zone

Zone	Lumens
0-10	50.89
10-20	146.55
20-30	224.75
30-40	275.78
40-50	293.67
50-60	277.19
60-70	231.96
70-80	173.01
80-90	116.07

Candela Tabulation

Candela	
0	537.404
5	535.120
15	518.740
25	484.820
35	438.700
45	377.840
55	306.580
65	230.220
75	159.740
85	103.260
90	79.600

Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance 0.20

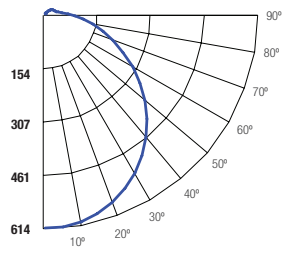
Cone of Light			
Height	Beam Dia. (ft)	Beam Dia. (m)	Beam Dia. (in)
2	186	5.9	6.0
4	49.3	11.5	11.6
6	21.5	17.5	17.6
8	12.0	23.4	23.5
10	7.8	29.0	29.2
12	5.37	34.9	35.1

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

RC - Ceiling Cavity Reflectance

OMSD1-LED-16-1900L-120-27K-30K-35K-40K-50K-85-SN TEST NO.: **EL07051917**
INPUT WATTS: 23.2 **LUMENS: 2197** **CRI: 85** **EFFICACY: 95** **CCT: 27/30/35/40/50K** **SPACING CRITERIA: 1.40**

Candle Power Distribution (Candelas)



Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	224.39	10.20	10.20
0-30	478.02	21.80	21.80
0-40	787.01	35.90	35.80
0-60	1418.24	64.60	64.60
0-80	1859.44	84.70	84.60
0-90	1984.6	90.40	90.30

Luminance (Average candela/M²)

Angle in Degrees	Average		
	0°	45°	90°
45	130886	130697	130669
55	130202	129514	129354
65	131491	130683	130802
75	148830	147476	147416
85	283485	280820	279086

Lumens Per Zone

Zone	Lumens
0-10	57.96
10-20	166.42
20-30	253.63
30-40	309.00
40-50	326.21
50-60	305.01
60-70	253.26
70-80	187.95
80-90	125.16

Candela Tabulation

Candela	
0	612.904
5	614.350
15	592.140
25	552.520
35	495.290
45	422.460
55	340.890
65	253.660
75	175.830
85	112.780
90	87.270

Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance 0.20

Cone of Light			
Height	Beam Dia. (ft)	Beam Dia. (m)	Beam Dia. (in)
2	212	5.7	5.6
4	56.3	11.0	10.9
6	24.5	16.6	16.4
8	13.7	22.3	22.0
10	8.9	27.6	27.3
12	6.13	33.2	32.9

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

RC - Ceiling Cavity Reflectance

OMSD1-LED-18-2000L-120-27K-30K-35K-40K-50K-85-SN

TEST NO.: EL07051919

INPUT WATTS: 24.1

LUMENS: 2297

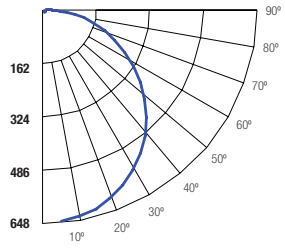
CRI: 85

EFFICACY: 95

CCT: 27/30/35/40/50K

SPACING CRITERIA: 1.40

Candle Power Distribution (Candelas)



Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	236.95	10.30	10.30
0-30	504.87	22.00	22.00
0-40	831.30	36.20	36.20
0-60	1498.13	65.30	65.20
0-80	1965.36	85.60	85.60
0-90	2097.09	91.40	91.30

Luminance (Average candela/M²)

Angle in Degrees	Average		
	0°	45°	90°
45	34711	34157	34041
55	34572	33807	33556
65	35305	34170	33770
75	40206	38496	37817
85	76319	72505	70859

Lumens Per Zone

Zone	Lumens
0-10	61.21
10-20	175.74
20-30	267.92
30-40	326.44
40-50	344.63
50-60	322.19
60-70	268.01
70-80	199.22
80-90	131.73

Candela Tabulation

Q	
0	647.022
5	645.750
15	624.230
25	583.590
35	523.450
45	448.150
55	362.060
65	272.430
75	190.000
85	121.450
90	92.730

Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance 0.20

Cone of Light

Beam Dia. (ft)	Beam Dia. (m)	Beam Dia. (ft)	Beam Dia. (m)
2	224	5.6	5.7
4	59.4	10.9	11.0
6	25.9	16.5	16.7
8	14.4	22.1	22.4
10	9.39	27.4	27.8
12	6.47	33.0	33.4

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

ROOM CAVITY RATIO	RC	80%				70%				50%				30%				10%				0%
		RW	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%			
0		117	117	117	117	113	113	113	113	106	106	106	100	100	100	94	94	94	91			
1		105	99	94	90	101	96	92	87	90	86	83	85	82	79	80	77	75	72			
2		95	86	78	72	91	83	76	70	78	72	67	73	68	64	69	65	62	59			
3		86	75	66	59	83	72	64	58	68	61	56	64	58	54	60	56	52	49			
4		78	66	57	49	75	64	55	49	60	53	47	57	51	45	54	48	44	41			
5		72	59	49	42	69	57	48	42	54	46	40	51	44	39	48	42	38	35			
6		66	53	43	37	64	51	43	36	48	41	35	46	39	34	44	38	33	31			
7		61	48	39	32	59	46	38	32	44	36	31	42	35	30	40	34	29	27			
8		57	43	35	29	55	42	34	28	40	33	28	38	32	27	36	31	26	24			
9		53	40	31	26	51	39	31	25	37	30	25	35	29	24	34	28	24	22			
10		50	37	29	23	48	36	28	23	34	27	22	33	26	22	31	26	21	20			

RC - Ceiling Cavity Reflectance

RW - Wall Reflectance