

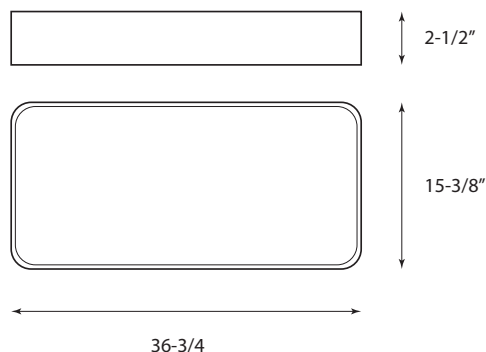
# LUNAR-LED

UP TO  
**5500**  
LUMENS

LUNAR LED PENDANT SERIES



## DIMENSIONS:



Catalog Number:

Project Name:

Note:

Type:

**ORACLE**  
LIGHTING

**7635**  
LUMENS

**92**  
WATT

**APPLICATION** - Lunar luminaire is best suitable for applications with high ceilings or a large space area. Lunar's design is sleek and modern with a high lumen output that lends a dramatic and effective impact to make the space appear grandeur. Lunar is an excellent choice when making a powerful statement with your lighting

**CONSTRUCTION** - Rigid aluminum design ensures longevity and endurance plus a high quality, high transmission, glare free lens for smooth illumination that is edge lit.

**PERFORMANCE** - The honeycomb light engines found in the lunar is rated at 80+ CRI and are available in multiple CCTs: 3000K, 3500K and 4000K. Rated and tested to LM-79 and LM-80 standards. The LEDs are also binned to a 3-step MacAdam ellipse 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 LUNAR-LED comes standard with 0-10V dimming on either in 120 and 277V. 347V please consult factory. Dimmable down to 1% of initial lumens. Also available in Lutron dimming options. Consult factory for dimmer compatibility.

**MOUNTING** - Comes standard in ceiling mount or adjustable cable suspension system providing fast installation into a variety of interior heights, including sloped ceilings. Consult factory for additional mounting options.

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

**WARRANTY** - Limited 5 Year Warranty

## EXAMPLE: LUNAR-LED-24-1500L-DIM10-MVOLT-40K-WH-CM

SERIES	SIZE	LUMENS - DIMMING	CCT	EMERGENCY	COLOR	MOUNTING OPTION
LUNAR-LED	24" (1.7'x3.6')	<input type="checkbox"/> 5500L-DIM10-MVOLT <input type="checkbox"/> 5500L-LUTH-MVOLT <input type="checkbox"/> 5500L-DIMTR-120	<input type="checkbox"/> 30K <input type="checkbox"/> 35K <input type="checkbox"/> 40K	<input type="checkbox"/> EMG-LED Remote Mounted for Surface Mount	<input type="checkbox"/> WH (Matt White) Custom color available, please consult factory. Must provide RAL#	<input type="checkbox"/> SM-10' Suspended Mount (Consult factory for other sizes)

# PHOTOMETRY DATA

LUNAR-LED-24-5500L-DIM10-MVOLT-35K-WH-CM

TEST NO.: EL011971

INPUT WATTS: 49.7

LUMENS: 5609

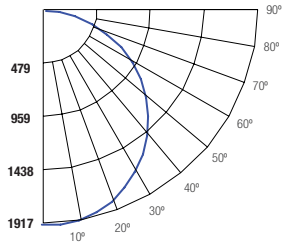
CRI: 85

EFFICACY: 113

CCT: 3500K

SPACING CRITERIA: 1.38

## Candle Power Distribution (Candelas)



## Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	697.31	12.4	12.4
0-30	1475.57	26.3	26.3
0-40	2408.8	42.9	42.9
0-60	4256.88	75.9	75.9
0-80	5398.81	96.2	96.2
0-90	5554.79	99	99

## Luminance (Average candela/M²)

Angle in Degrees	Average 0°	Average 45°	Average 90°
45	5094	5055	5064
55	4937	4900	4891
65	4761	4693	4711
75	4601	4492	4533
85	4502	4403	4505

## Lumens Per Zone

Zone	Lumens
0-10	180.93
10-20	516.38
20-30	778.26
30-40	933.23
40-50	966.39
50-60	881.69
60-70	699.66
70-80	442.27
80-90	155.98

## Candela Tabulation

0	0
0	1914.97
5	1906.51
15	1829.82
25	1689.59
35	1493.82
45	1256.07
55	987.5
65	701.62
75	415.28
85	136.83
90	16.63

## Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance 0.20

	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%			
ROOM CAVITY RATIO	0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	101	101	101	99			
	1	108	103	98	94	105	101	96	93	96	93	90	92	89	87	88	86	84	82			
	2	98	89	82	76	95	87	81	75	84	78	73	80	76	72	77	73	70	68			
	3	89	78	70	63	86	77	69	62	73	67	61	70	65	60	68	63	59	57			
	4	81	69	60	53	79	68	59	53	65	58	52	63	56	51	60	55	50	48			
	5	75	62	53	46	73	61	52	45	58	51	45	56	50	44	54	48	44	42			
	6	69	56	46	40	67	55	46	40	53	45	39	51	44	39	49	43	38	36			
	7	64	50	41	35	62	49	41	35	48	40	35	46	39	34	45	39	34	32			
	8	60	46	37	31	58	45	37	31	44	36	31	42	36	31	41	35	30	29			
	9	56	42	34	28	54	41	34	28	40	33	28	39	32	28	38	32	28	26			
	10	52	39	31	26	51	38	31	25	37	30	25	36	30	25	35	29	25	23			

RC - Ceiling Cavity Reflectance

RW - Wall Reflectance

