

NOMINAL LUMENS	DELIVERED LUMENS	WATTAGE
5000	3904	66 W

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

FEATURES

The OPR3 is an LED circular pendant available in direct suspended and surface mount. Shipped with aircraft cable, canopy, and integral driver. A clean, modern design provides an elevated aesthetic that complements high-end hotels, lobbies, restaurants, boardrooms, and retail applications.

LUMENS	5000L
CCT	30K, 40K
CRI	80+ Standard
COLOR QUALITY	3 Step MacAdam Ellipse
MOUNTING	Suspended
DIMMING	0-10V Flicker Free 1% Dimming Standard (DIM10)
EMERGENCY	10W - Up to 1000L Output (Bodine BSL310) 20W - Up to 2000L Output (Bodine BSL20)
LIFETIME	L70 at 50,000 Hours
PHOTOMETRIC TESTS	In Accordance with IES LM79-08, LM80 and TM-30, TM-21



CONSTRUCTION

Aluminum body and one-piece diffuser seamlessly combine for a contemporary appearance. Shipped with low-profile 7" slot canopy that conceals inner hardware. Includes aircraft cable and integral driver.

OPTICS

Evenly, closely spaced LEDs provide uniform, glare-free illumination, like a fully-luminous halo. An integrated honeycomb optic reduces glare, amplifies light control, and eliminates hot spots. One-piece diffuser disperses light evenly in all directions for even, ambient illumination.

MOUNTING

Surface mount and pendant mount available. Shipped with adjustable cord for pendant mount option. Suitable for a range of mounting heights and ceiling types, including sloped ceilings. Canopy is mounted directly to junction box. Below-the-ceiling access simplifies maintenance and servicing. Consult factory for additional mounting options.

ELECTRICAL

Powered by high-quality constant-current power LED drivers rated for 50 to 60Hz at 120V input, produce less than 20% THD, and have a power factor between 0.90 and 1.00. LED driver compartment located in 1½"-tall canopy.

DIMMING & DRIVER INFORMATION

DIM10 Flicker Free 1% Dimming Standard (DIM10) 0-10V dimming on either MVOLT 120 or 277V. 347V please consult factory.

WARRANTY

Five-year warranty for parts and components. (Labor not included)

LISTINGS

Damp Location Rated

Example: **OPR-LED-3-5000L-DIM10-MVOLT-40K**

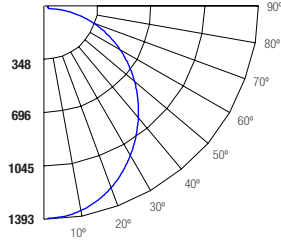
OPR3-LED					
SERIES OPR3-LED Pendant lighting	LUMENS 5000L - (5000 lumens)	DIMMING DIM10 - 0-10V	VOLTAGE MVOLT	CCT 30K (3000K) 40K (4000K)	FINISH WH - White

OPR3-LED-5000L-DIM10-MVOLT-30K-85

TEST NO.: EL07152041

INPUT WATTS: **56.8** LUMENS: 3904 CRI: **85** EFFICACY: **69** CCT: **3000K** SPACING CRITERIA: **1.34**

Candle Power Distribution (Candelas)



Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	502.78	12.9	12.9
0-30	1054.85	27	27
0-40	1706.56	43.7	43.7
0-60	2986.89	76.5	76.5
0-80	3759.29	96.3	96.3
0-90	3861.13	98.9	98.9

Luminance (Average candela/M²)

Angle in Degrees	Average		
	0°	45°	90°
45	1648	1622	1612
55	1589	1562	1552
65	1521	1497	1489
75	1435	1428	1430
85	1331	1375	1411

Lumens Per Zone

Zone	Lumens
0-10	131.22
10-20	371.55
20-30	552.07
30-40	651.71
40-50	670.82
50-60	609.5
60-70	476.72
70-80	295.68
80-90	101.85

Candela Tabulation

0	
0	1391.352
5	1383.95
15	1320.2
25	1203.36
35	1048.13
45	871.68
55	681.7
65	480.73
75	277.74
85	86.73
90	16.01

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%	
0	119	119	119	119	116	116	116	116	110	110	110	106	106	106	101	101	101	101	99				
1	108	103	99	95	105	101	97	93	96	93	90	92	89	87	88	86	84	82	82				
2	98	90	83	77	95	88	81	76	84	78	74	80	76	72	77	73	70	68	68				
3	89	79	70	64	87	77	69	63	74	67	62	71	65	61	68	63	59	57	57				
4	82	70	61	54	79	68	60	53	66	58	53	63	57	52	61	55	51	49	49				
5	75	62	53	46	73	61	52	46	59	51	45	57	50	45	55	49	44	42	42				
6	69	56	47	40	67	55	46	40	53	45	40	51	44	39	50	44	39	37	37				
7	64	51	42	36	63	50	42	36	48	41	35	47	40	35	45	39	35	33	33				
8	60	46	38	32	58	46	37	32	44	37	32	43	36	31	42	36	31	29	29				
9	56	43	34	29	55	42	34	29	41	33	28	40	33	28	38	32	28	26	26				
10	53	39	31	26	51	39	31	26	38	31	26	37	30	26	36	30	25	24	24				

RC - Ceiling Cavity Reflectance

RW - Wall Reflectance

Cone of Light			
2	481	4.7	4.6
3	128	9.2	9.0
5	55.7	13.9	13.6
7	31.0	18.6	18.2
8	20.2	23.1	22.5
10	13.9	27.8	27.1

(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.