



"Rhapsody" family consists of acoustic pendant or suspended fixtures. The luminaire's simple, classic look provides light over any environment and the added acoustic feature makes it suitable for any design application such as schools, boardrooms, office areas, hotels, lobbies, restaurants, etc.

Flat - Elevate your ambiance: this minimalist ring light with an integrated acoustic panel brings style, illumination, and sound control together in a chic, pancake-like design.

OPTICS & PERFORMANCE

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

CONSTRUCTION

PET material combined with the fixture's aluminum body and one-piece diffuser seamlessly combine for a contemporary appearance. Shipped with a low-profile 7" slot canopy that conceals inner hardware. Includes aircraft cable and integral driver.

DRIVER ELECTRICAL INFORMATION

Powered by high-quality constant-current power LED drivers rated for 50 to 60Hz at 120-277V input, produce less than 20% THD, and have a power factor of .90 to 1.00. LED driver compartment located in 1 1/2" tall canopy.

DIMMING

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

WARRANTY

Limited five-year warranty.

LISTINGS

Damp Location Rated.
All LED luminaires are rated and tested to LM-79 and LM-80 standards by an independent laboratory.

MAINTENANCE

Acoustic material can be cleaned with a clean, soft, lint-free cloth or a vacuum.

ACOUSTIC MATERIAL - 9mm / 0.35" Thickness

Our panels come in 4' x 8' and are made from 100% polyethylene terephthalate (PET), with 50% post-consumer recycled material. PET is a moisture resistant green product with no added chemicals, binders, adhesives or dyes.

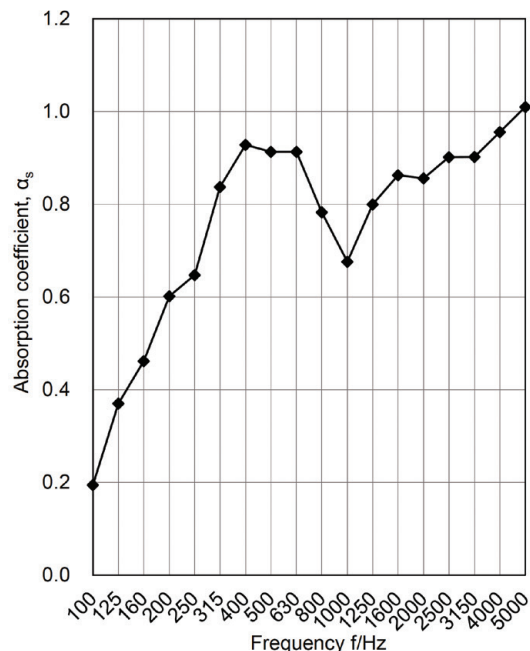
ACOUSTIC PANEL PERFORMANCE - 4' x 8' Panels

Acoustic performance of specific fixture / product will greatly vary based on mounting, installation, and configuration in a space.

Noise Reduction Coefficient (NRC) - 0.75

Weighted Sound Absorption Coefficient - α_w = 0.85

NRC is a widely used standard to test sound absorption for 2-dimensional objects. It is the average absorption coefficient obtained from four key 1/3 octave frequencies: 250, 500, 1000, 2000 Hz.



LUMEN DETAILS

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

DIRECT		
NOMINAL LUMENS	DELIVERED LUMENS	WATTS
5000	3904	66
3000	2342	40

Example: **OPR3-RHAPSODY-SOFT-FLAT-48IN-3000L-DIM10-MVOLT-40K-90-WH-SM-GRN**

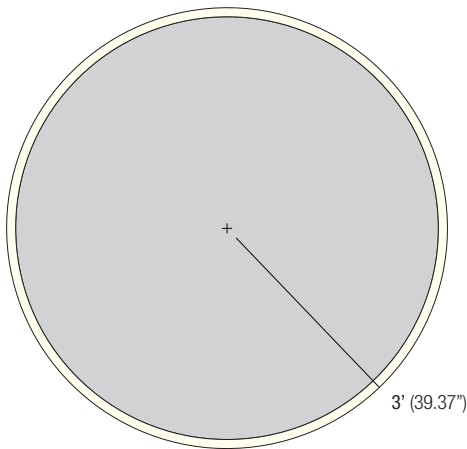
OPR3-RHAPSODY-SOFT													GRN
SERIES	STYLE	ACOUSTIC SIZE	OPENING	LUMENS	DIMMING	VOLTAGE	CCT	CRI	EMERGENCY	FINISH	MOUNTING OPTION	COLOR	
OPR3-RHAPSODY-SOFT SoftSense LED Suspended Ring Series	FLAT - Flat	FS - Fixture Size, no exterior acoustic 48IN - 48 inches 60IN - 60 inches XXIN - custom ² <small>acoustic size cannot be smaller than selected fixture size ¹</small>	<small>optional</small> [BLANK] - No Opening IE - Inside Empty 112 - 12" opening 124 - 24" opening XXIN - X" opening ³ <small>opening cannot be larger than fixture size ¹</small>	3000L - 3000 Lumens 5000L - 5000 Lumens	DIM10 - 0-10V Dimming	MVOLT - 120-277VAC 120 - 120 Volt 277 - 277 Volt 347 - 347 Volt ¹	30K - 3000K 40K - 4000K	90 - 90+	<small>remote only</small> EMG-LED-G4-120-347V-CP-16W-HV EMG-LED-G4-120-347V-CP-25W-HV	WH - Matte White BK - Black SI - Silver RAL - custom color ¹	SM - Suspended Mount up to 10 ft. <small>consult factory for other sizes</small>	refer to SoftSense material color chart for options example: GRN - Green	

¹ Consult Factory

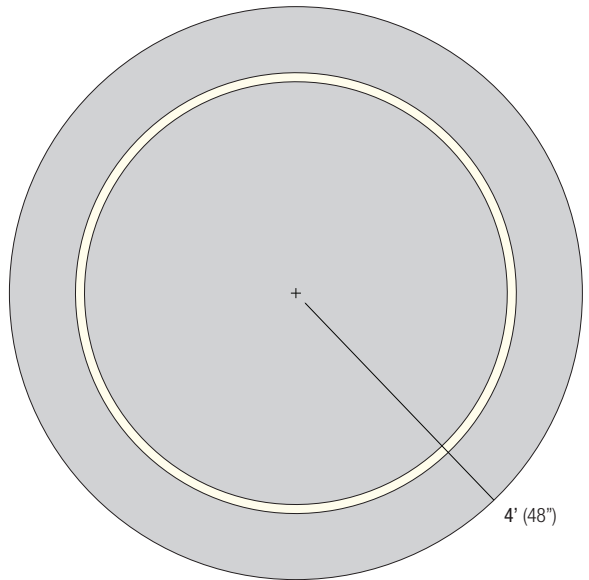
² please keep in mind: acoustic size cannot be smaller than selected fixture size ! if you require acoustic on the inside only, please select "FS"

³ replace "X" with custom amount in inches /// please keep in mind: opening cannot be larger than fixture size !

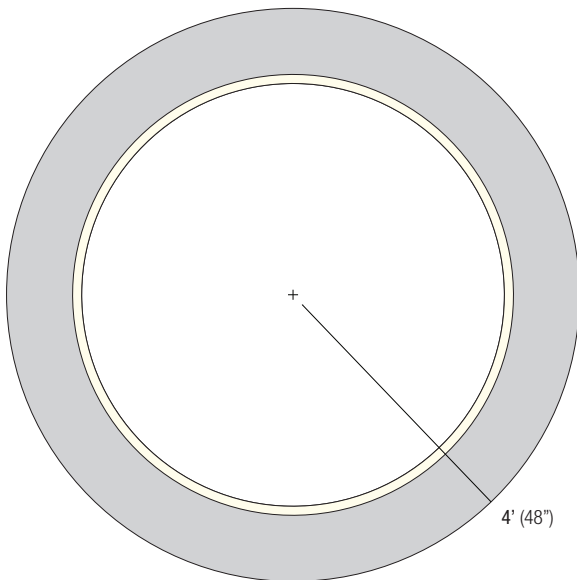
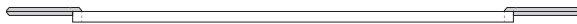
DIMENSIONS / SIZE EXAMPLES



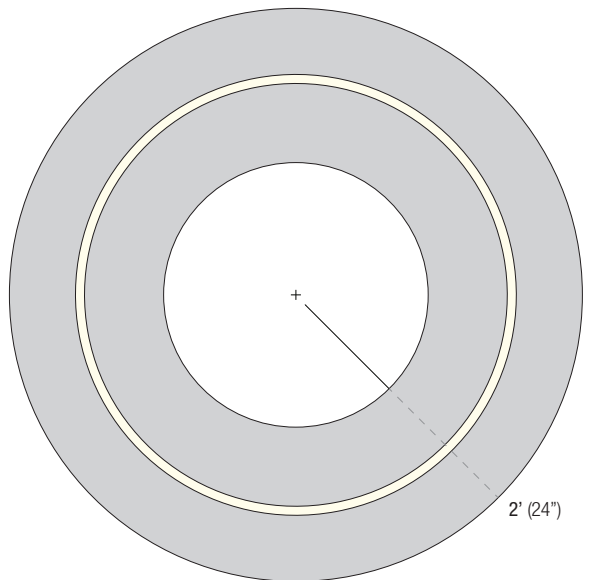
OPR3-RHAPSODY-SOFT-FLAT-FS



OPR3-RHAPSODY-SOFT-FLAT-48IN



OPR3-RHAPSODY-SOFT-FLAT-48IN-IE



OPR3-RHAPSODY-SOFT-FLAT-48IN-124

STANDARD COLORS

Panel Thickness: 9 mm / 0.35" (+/- 0.25 mm)



All panels ASTM E84-16 Fire Rated

STANDARD PRINTS

Panel Thickness: 8.5 mm / 0.34" (+/- 0.5 mm)



prints shown at 12% scale

Declare.
Label Pending



quick ship available for any color depending on order quantity
*all colors are ASTM E84-16 fire rated, select colors are available as Class A

OPR3-RHAPSODY-SOFT-FLAT-5000L-DIM10-MVOLT-30K-85

TEST NO.: EL07152041

INPUT WATTS: **56.8**

LUMENS: 3904

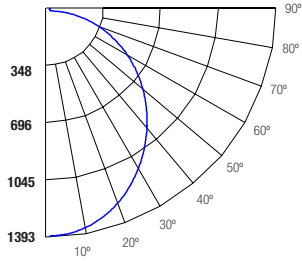
CRI: **85**

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°	Average 45°	Average 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

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.

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%			
	0	119	119	119	119	116	116	116	116	110	110	110	110	106	106	106	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