



"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.



07.23.25

OPTICS & PERFORMANCE

The light engines found in the OPR-LED-Rhapsody are rated at 85+ CRI and are available in multiple CCTs: 3000K, 3500K, and 4000K. Rated and tested to LM-79, LM-80, and TM-30 standards. The LEDs are also binned to a 3-step MacAdam ellipse to achieve consistent color from fixture to fixture.

CONSTRUCTION

PET material wrapped around rigid steel design that ensures longevity and endurance. A high quality, high transmission PMMA glare free lens offers smooth illumination.

ACOUSTIC MATERIAL - 9mm / 0.35" Thickness

Due to variations in production batches, slight color differences may occur in the acoustic material. While we strive for consistency, exact color matches cannot be guaranteed.

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.

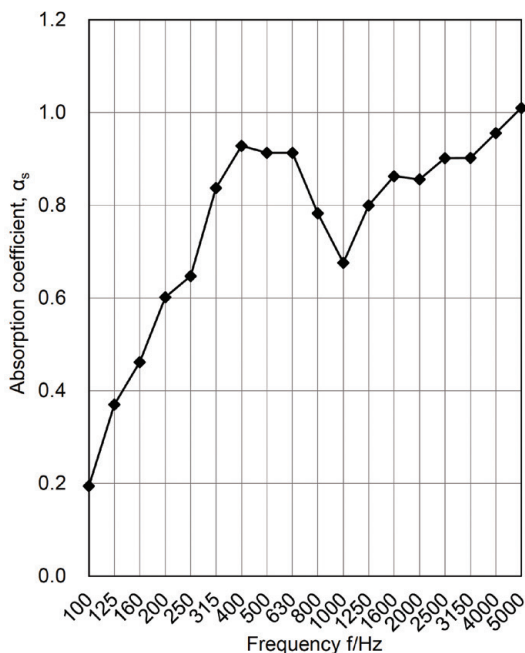
ACOUSTIC PANEL PERFORMANCE - 4' x 8' Panels

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 - $a_w = 0.85$

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.



DRIVER ELECTRICAL INFORMATION

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. OPR-LED-Rhapsody comes standard with 0-10V dimming on either 120V-277V. For 347V, please consult factory. Consult factory for dimmer compatibility.

DIMMING

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

DIMTR - Triac & Electronic low voltage dimming. Available in 120V.

LUTH - Lutron LDE1 Hi-Lume Eco System. 1% dimming with Soft in Fade to Black dimming technology.

MOUNTING

Comes standard in adjustable cable suspension system providing fast installation into a variety of interior heights, including sloped ceilings.

Also available in pendant mount.

WARRANTY

5-year warranty for parts and components (labor not included).

LISTINGS

c-UL-us - Listed for Feed Through Wiring.

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

UL Listed for Damp location

QUALITY CONTROL

Every fixture is rigorously tested by our QC Department before shipping.

MAINTENANCE

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

OPTIONS

Available without light source.

LUMEN DETAILS

Based on 4000K, 85+ CRI.

Actual wattage may vary +/- 5%

DIRECT		
SIZE	LUMENS	WATTS
4 ft.	11000	175
3 ft.	8000	111
2 ft. / 3 ft.	5000	79
2 ft.	3000	46
1 ft.	2000	38

Example: **OPR-RHAPSODY-SOFT-MLN1-4-3000L-DIM10-MVOLT-40K-85-WH-SM-GRN**

OPR-RHAPSODY-SOFT													GRN	2 ND COLOR
SERIES	STYLE	SIZE	DIRECT LUMENS	DIMMING	VOLTAGE	CCT	CRI	EMERGENCY	FINISH	MOUNTING OPTIONS	COLOR			
OPR-RHAPSODY-SOFT SoftSense LED Pendant	MLN1 - Melon 1	1 - 1.5 ft.	2000L - 2000 Lumens NLS ² - no light source	DIM10 - 0-10V Dimming LUTH - Lutron HiLumen DIMTR ³ - Triac Dimming	120 277 MVOLT 347 ⁴	30K - 3000K 35K - 3500K 40K - 4000K	85 90+	0-EMG-LED-10W 0-EMG-LED-20W 0-EMG-LED-10W-SDT 0-EMG-LED-20W-SDT	WH - Matte White BK - Black SI - Silver RAL ¹ - custom color	SM - Suspended Mount up to 9 ft. PM12 - Pendant Mount up to 12 in. PM18 - Pendant Mount up to 18 in. PM24 - Pendant Mount up to 24 in. PM36 - Pendant Mount up to 36 in. PM48 - Pendant Mount up to 48 in.	GRN - Green			
		2 - 2 ft.	3000L - 3000 Lumens 5000L - 5000 Lumens NLS ² - no light source											
		3 - 2.8 ft.	5000L - 5000 Lumens 8000L - 8000 Lumens NLS ² - no light source											
		4 - 4 ft.	3000L - 3000 Lumens 11000L - 11000 Lumens NLS ² - no light source											
		CUS ¹ - custom ¹	NLS ² - no light source											
remote only														
refer to SoftSense material color chart for options														
example:														
GRN - Green														
2 nd color option will create a fixture with alternating colors														
example:														
GRN-FLR - Alternating Green and Plum														

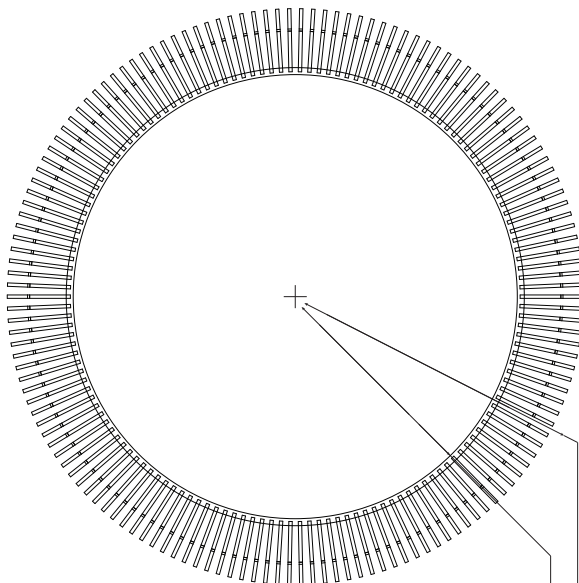
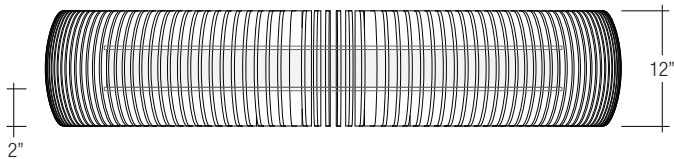
1 Consult Factory

2 No Light Source, please skip to "Mounting Options"

optional dual color
refer to SoftSense material color chart for options
example:
GRN - Green
2nd color option will create a fixture with alternating colors
example:
GRN BRZ - alternating Green and Bronze

- Consult Factory
- No Light Source, please skip to "Mounting Option"
- DIMTR available only in 120V
- 347V only available with DIM10

DIMENSIONS



Ø 1' (20"), 2' (24"), 3' (35"), 4' (47")
Ø with acoustic: 33" , 37" , 48" , 60"

NLS - No Light Source



DUAL COLOR EXAMPLE: BRZ-BRS



first color listed
indicates blank cover

STANDARD COLORS

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

All panels ASTM E84-16 Fire Rated

PURE PUR	STONE STN	BONE BNE	PEACH PCH
GRAY NOISE NSE	GREIGE GRG	SAND SND	ORANGE ORA
PEBBLE PEB	FOG FOG	DUST DST	BRASS BRS
GRAVEL GRV	WARM GRAY WGR	LATTE LTE	BRONZE BRZ
SHADOW SHD	HIPPO HIP	CLAY CLA	RUST RST
ASPHALT ASP	PERIWINKLE PRW	KELP KLP	PECAN PEC
ABYSS ABS	SKY BLUE SBL	CROCODILE CRC	FIG FIG
NIGHT NIT	SAPPHIRE SAP	SAGE SGE	EGGPLANT EGP
MIDNIGHT MDN	NAVY NVY	PISTACHIO PST	AMETHYST AME
EVERGREEN EVG	SEAWEED SWD	MATCHA MCH	PLUM PLU
MOSS MOS	BAY BAY	OLIVE OLV	CABBAGE CBG
COFFEE CFE	SEA SEA	GREEN GRN	PINK PNK
WINE WIN	DARK TEAL DTL	SUNSHINE SUN	PASSION PAS

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

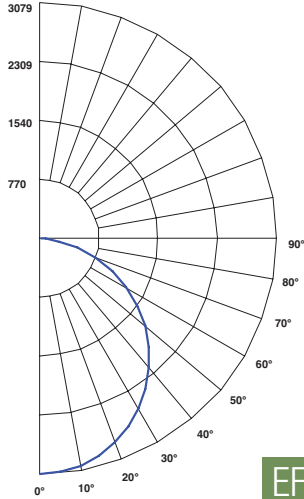
OPR-RHAPSODY-SOFT-MLN1-3-8000L-DIM10-MVOLT-40K-WH

WATTAGE: **119.5**

LUMENS: **8694**

TOTAL LUMINAIRE EFFICACY: **73**

Candle Power Distribution (Candelas)



Zonal Lumens Summary

Zone	Lumens	%Fixt
0-30°	2384.22	27.50
0-40°	3901.76	44.90
0-60°	6891.74	79.40
0-90°	8693.56	100.00
0-180°	8693.56	100.00

Luminance Data (cd/sq.m)

Angle In Degrees	Average 0°	Average 45°	Average 90°
45°	2426	2366	2364
55°	2306	2221	2223
65°	2088	1968	1978
75°	1647	1453	1476
85°	613	414	431

Candela Tabulation

	0	45	90
0	3079.291	3079.291	3079.291
5	3063.680	3054.940	3054.260
15	2941.650	2919.930	2918.020
25	2717.110	2682.140	2680.090
35	2399.560	2356.800	2354.480
45	2004.920	1954.650	1953.700
55	1545.840	1488.600	1490.240
65	1031.270	972.110	976.750
75	498.160	439.410	446.380
85	62.480	42.180	43.860
90	4.340	4.690	4.670

Spacing Criteria

0-180	: 1.24
90-270	: 1.24
Diagonal	: 1.38

EFFICACY: 73 LM/W

Coefficients of Utilization - Zonal Cavity Method
Effective Floor Cavity Reflectance 20% = PF

	RC	RW	80%				70%				50%				30%				10%				0%	
			70%	50%	30%	70%	50%	30%	50%	3	10%	50%	3	10%	50%	10%	50%	10%	0%	0%				
ROOM CAVITY RATIO	0	119	119	119	119	116	116	116	116	111	111	107	107	107	102	102	102	100	84					
	1	109	109	104	100	106	106	102	98	98	88	82	82	74	79	75	65							
	2	99			78	96	89	89	77	85	80	72	72	62	70	65								
	3	90			65	88	78	78	64	75	69	64	53	62	57									
	4	83			55	80	69	69	55	67	60	58	46	56	50									
	5	76			47	74	62	62	47	60	52	52	40	51	45									
	6	70			41	68	56	56	41	54	46	46	36	46	40									
	7	65			36	63	51	51	36	49	41	48	36	46	40									
	8	60			32	59	46	46	32	45	37	44	32	42	36									
	9	57			29	55	42	42	29	41	34	40	29	39	33									
10	53			26	52	39	39	26	38	31	37	26	36	30										
RC - Ceiling Cavity Reflectance			RW - Wall Reflectance																					

RC - Ceiling Cavity Reflectance

RW - Wall Reflectance

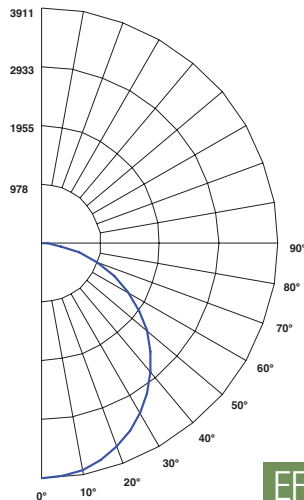
OPR-RHAPSODY-SOFT-MLN1-4-11000L-DIM10-MVOLT-40K-WH

WATTAGE: **152.8**

LUMENS: **11041**

TOTAL LUMINAIRE EFFICACY: **72**

Candle Power Distribution (Candelas)



Zonal Lumens Summary

Zone	Lumens	%Fixt
0-30°	3027.96	27.40
0-40°	4955.24	44.90
0-60°	8752.51	79.30
0-90°	11040.82	100.00
0-180°	11040.82	100.00

Luminance Data (cd/sq.m)

Angle In Degrees	Average 0°	Average 45°	Average 90°
45°	3082	3004	3003
55°	2929	2821	2824
65°	2652	2500	2512
75°	2092	1845	1874
85°	779	526	547

Candela Tabulation

	0	45	90
0	3910.700	3910.700	3910.700
5	3890.874	3879.774	3878.910
15	3735.895	3708.311	3705.885
25	3450.730	3406.318	3403.714
35	3047.441	2993.136	2990.190
45	2546.248	2482.405	2481.199
55	1963.217	1890.522	1892.605
65	1309.713	1234.580	1240.472
75	632.663	558.051	566.903
85	79.350	53.569	55.702
90	5.512	5.956	5.931

Spacing Criteria

0-180	: 1.24
90-270	: 1.24
Diagonal	: 1.38

EFFICACY: 72 LM/W

Coefficients of Utilization - Zonal Cavity Method
Effective Floor Cavity Reflectance 20% = PF

	RC	RW	80%				70%				50%				30%				10%				0%	
			70%	50%	30%		70%	50%	30%		50%	3	10%	50%	3	10%	50%		10%	50%	10%	0%		
ROOM CAVITY RATIO	0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102		102		100				
	1	109	104	100	96	106	102	98		98		91		91		90		86		84				
	2	99			78	96	89		77	85	80		82		74	79		75						
	3	90			65	88	78		64	75	69		72		62	70		65						
	4	83			55	80	69		55	67	59		64		53	62		57						
	5	76			47	74	62		47	60	52		58		46	56		50						
	6	70			41	68	56		41	54	46		52		40	51		45						
	7	65			36	63	51		36	49	41		48		36	46		40						
	8	60			32	59	46		32	45	37		44		32	42		36						
	9	56			29	55	42		29	41	34		40		29	39		33						
10	53			26	52	39		26	38	31		37		26	36		30							
RC - Ceiling Cavity Reflectance											RW - Wall Reflectance													

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