



LUMENS	3000, 5000	DIAMETERS	Luminaire: 2' (24"), Acoustic: 4' (51.3"), 5' (63.1")
CCT & TECHNOLOGIES	3000K, 3500K, 4000K	HEIGHT	14"
COLOR QUALITY	3 Step MacAdam Ellipse	FIXTURE FINISH	BK (Black), WH (Matt White), SL (Silver), Custom RAL
MOUNTING	Pendant, Suspended	MATERIAL COLORS	Refer to SoftSense Material Color Chart
DIMMING & CONTROLS	0-10V Flicker Free 1% Dimming Standard (DIM10) LUTH, DIMTR	PHOTOMETRIC TESTS	In Accordance with IES LM79-08 and LM-80, and TM-30

"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.

Spoke - a round drum light wrapped in acoustic softness and styled with clean, modern lines. Its circular form and radiating acoustic fins create a subtle "spoke-like" silhouette, blending lighting and sound control into one sleek centerpiece. Spoke delivers warm, even illumination while quietly elevating the comfort of any space. A simple shape, a bold presence—Spoke keeps your design turning smoothly.



09.04.24

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

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.

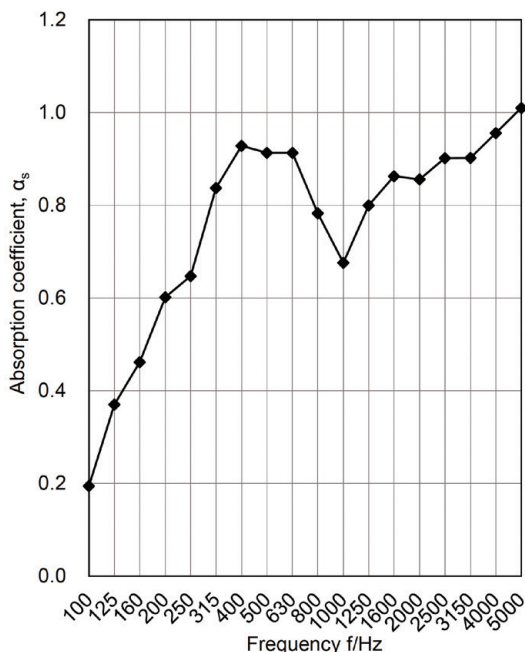
ACOUSTIC PANEL PERFORMANCE - 4' x 8' Panels

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 - $\alpha_w = 0.85$

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
2 ft.	5000	79
2 ft.	3000	46

Example: **OPR-RHAPSODY-SOFT-SPOKE-BLD1-2-3000L-DIM10-MVOLT-40K-85-WH-SM-GRN**

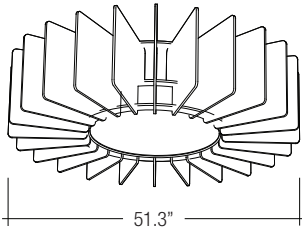
OPR-RHAPSODY-SOFT																											GRN			
SERIES		STYLE	SHAPE	SIZE	DIRECT LUMENS		DIMMING		VOLTAGE	CCT	CRI	remote only EMERGENCY		FINISH	MOUNTING OPTIONS		COLOR		2 ND COLOR											
OPR-RHAPSODY-SOFT SoftSense LED Pendant		SPOKE - Spoke	BLD1 - Blade 1 BLD2 - Blade 2 BLD-ALT - Blade (1+2 alternating) TPD1 - Tapered 1 TPD2 - Tapered 2 TPD-ALT - Tapered (1+2 alternating) MLN1 - Melon 1 MLN2 - Melon 2 MLN-ALT - Melon (1+2 alternating)	2 - 2 ft.	3000L - 3000 Lumens 5000L - 5000 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.		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 Fluo												

refer to SoftSense material color chart for options
example:
GRN - Green

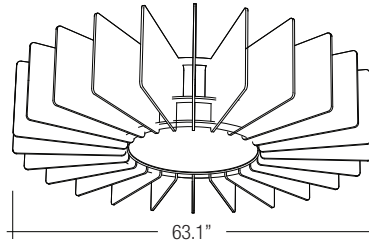
2nd color option will create a fixture with alternating colors
example:
GRN-PUR - alternating Green and Purple

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

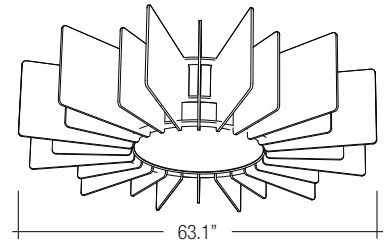
DIMENSIONS - all heights are 13.8"



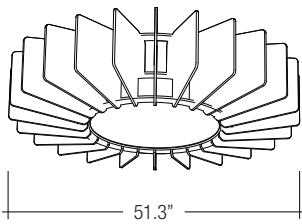
BLADE 1



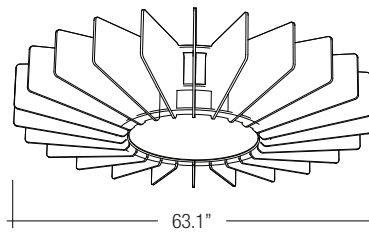
BLADE 2



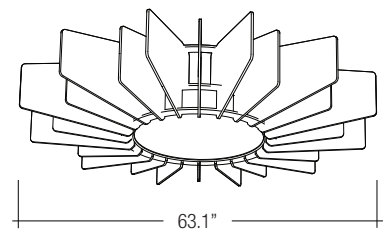
BLADE 1+2 ALTERNATING



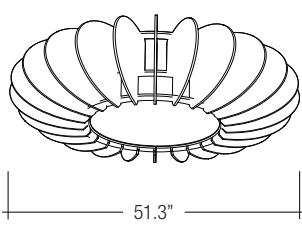
TAPERED 1



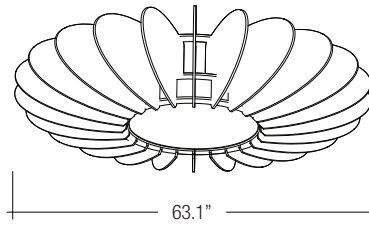
TAPERED 2



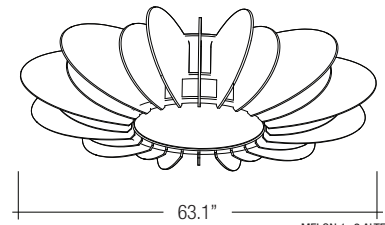
TAPERED 1+2 ALTERNATING



MELON 1

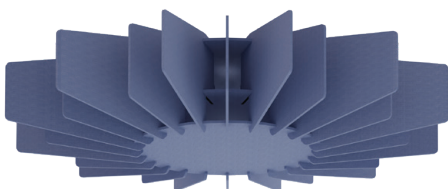


MELON 2

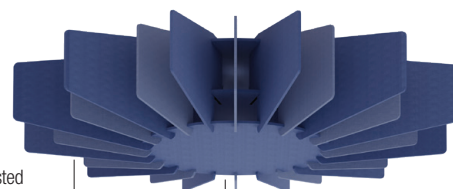


MELON 1+2 ALTERNATING

NLS - No Light Source



first color listed
indicates blank cover
and larger fin



DUAL COLOR EXAMPLE: SAP-PRW

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

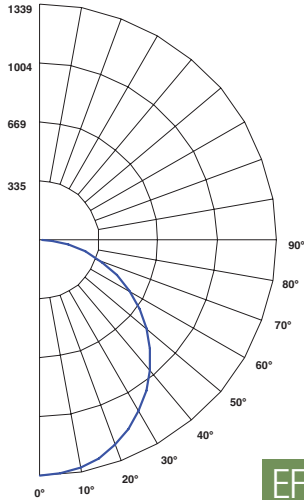
* **OPR-LED-2-3000L-DIM10-MVOLT-40K-WH**

WATTAGE: **50.1**

LUMENS: **3637**

TOTAL LUMINAIRE EFFICACY: **73**

Candle Power Distribution (Candelas)



Zonal Lumens Summary

Zone	Lumens	%Fixt
0-30°	1024.69	28.20
0-40°	1665.31	45.90
0-60°	2910.37	80.10
0-90°	3637.28	100.00
0-180°	3637.28	100.00

Luminance Data (cd/sq.m)

Angle In Degrees	Average 0°	Average 45°	Average 90°
45°	1062	1042	1019
55°	1024	1000	965
65°	972	939	883
75°	883	835	732
85°	691	593	379

Candela Tabulation

	0	45	90
0	1338.653	1338.653	1338.653
5	1334.080	1329.570	1327.120
15	1284.940	1275.520	1268.150
25	1185.460	1172.340	1160.730
35	1046.610	1031.180	1015.600
45	877.290	861.030	841.900
55	686.220	670.230	646.730
65	480.050	463.930	436.060
75	267.030	252.570	221.320
85	70.410	60.370	38.580
90	13.520	7.850	1.660

Spacing Criteria

0-180°	: 1.26
90-270°	: 1.22
Diagonal	: 1.36

EFFICACY: 73 LM/W

Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance 20% = PF

ROOM CAVITY RATIO	RC	RW	80%			70%			50%			30%			10%			0%		
			70%	50%	30%	70%	50%	30%	50%	3	10%	50%	3	10%	50%	3	10%	50%	3	10%
0	119	119	119	119	116	116	116	116	111	111	111	107	107	1	102	1	102	100	100	84
1	109	104	100	96	106	102	98	9	98	9	92	9	91	8	90	8	86	86	84	
2	99	9	79	79	97	89	8	78	86	81	7	82	7	74	79	76	76	76		
3	91	8	66	66	88	79	7	65	76	69	6	73	6	63	70	66	66			
4	83	7	56	56	81	70	6	55	67	60	5	65	5	54	63	57	57			
5	76	6	48	48	74	62	5	48	60	53	4	58	4	47	56	51	51			
6	71	5	42	42	69	56	4	42	54	47	4	53	4	41	51	45	45			
7	65	5	37	37	64	51	4	37	50	42	3	48	4	36	47	41	41			
8	61	4	33	33	59	47	3	33	45	38	3	44	3	33	43	37	37			
9	57	4	30	30	55	43	3	30	42	35	2	41	3	29	40	34	34			
10	53	4	27	27	52	40	3	27	39	32	2	38	3	27	37	31	31			

RC - Ceiling Cavity Reflectance

RW - Wall Reflectance