

LUMENS	1000, 1500, 2000	DIAMETER	24", 36", 48"
CCT & TECHNOLOGIES	2700K, 3000K, 3500k, 4000K, 5000K	PANEL THICKNESS	0.35"
COLOR QUALITY	3 Step MacAdam Ellipse	FIXTURE FINISH	BK (Black), WH (Matt White), SI (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

The **Rhapsody** family comprises acoustic pendant and suspended luminaires, blending timeless form with contemporary performance. Defined by a clean, classic silhouette, each fixture delivers beautifully balanced illumination while discreetly enhancing acoustic comfort. This harmonious fusion of light and sound makes **Rhapsody** an elegant solution for a wide range of environments, including educational spaces, boardrooms, offices, hospitality settings, lobbies, and restaurants.

The **Squara** features a geometric ceiling or pendant mounted flat panel design, gently absorbing sound while creating a sense of movement and architectural depth. Carefully crafted to balance acoustics and aesthetics, it introduces refined texture and quiet elegance to contemporary spaces.



**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.

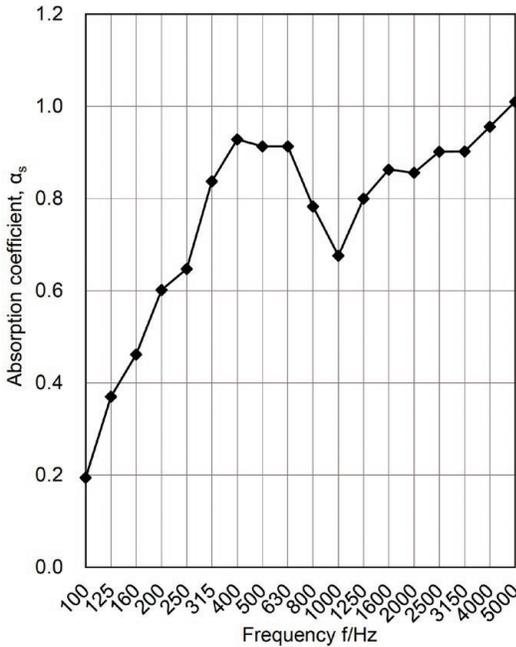
**ACOUSTIC PANEL PERFORMANCE - 4' x 8' Panels**

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 -  $a_w = 0.85$

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.



**OPTICS & PERFORMANCE**

The LOOP Round LED Suspended Direct/Indirect Luminaire is a high-performance lighting solution designed to enhance any space with its sleek design and seamless, uniform glow.

**LUMINAIRE CONSTRUCTION**

Built as one continuous, 2" extruded aluminum piece with a matching seamless, flexible PC diffuser lens, this luminaire ensures both ease of installation and a minimalist, elegant charm.

**MOUNTING / SUSPENSION**

The fixture includes a central canopy mounting as the standard configuration. For side canopy mounting, field modification is required. The luminaire is supplied with three 11' suspension cables, one central canopy, one wire holder, and one side canopy.

**WARRANTY**

Limited five-year warranty.

**LISTINGS**

Damp Location Rated.

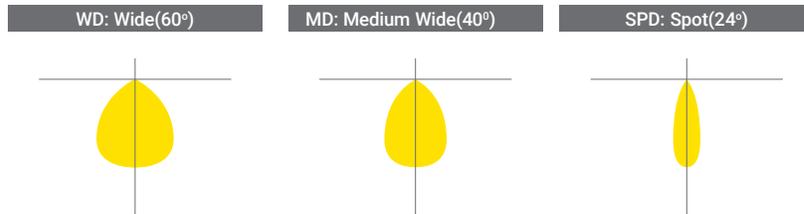
IP40

L80B20 at 50,000 hours

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.



Reference IES files for additional distribution curve information.

**LUMEN DETAILS**

Based on 4000K, 80+ CRI.

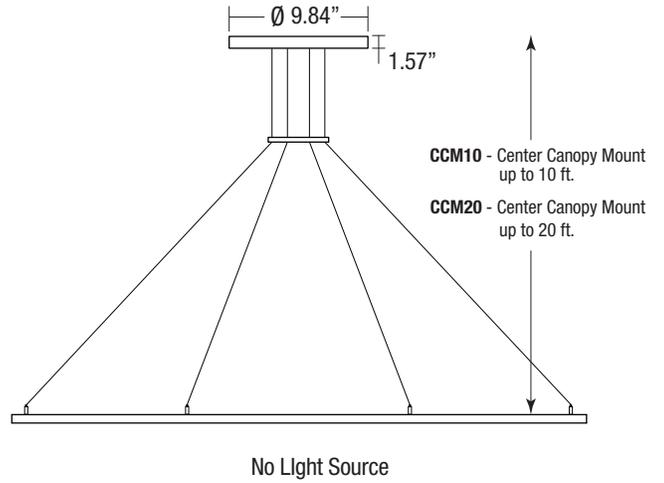
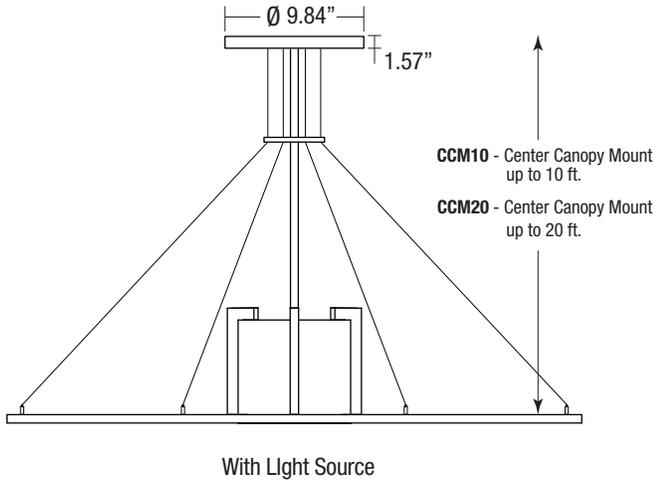
Actual wattage may vary +/- 5%

NOMINAL UP or DOWN LUMENS	DELIVERED LUMENS	WATTAGE
1000	1005	11W
1500	1418	17W
2000	1922	21W

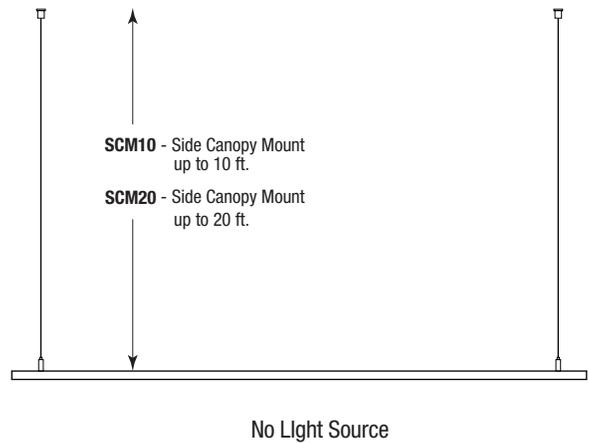
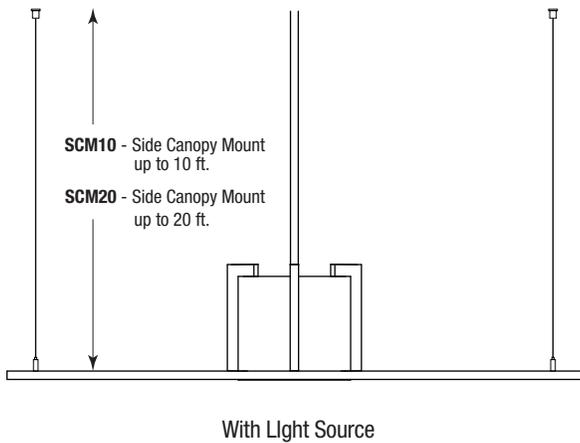


**MOUNTING OPTIONS**

**CENTRAL CANOPY MOUNTING**



**SIDE CANOPY MOUNTING**



**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)



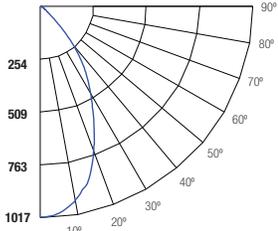
prints shown at 12% scale

**FPR6-RHAPSODY-SOFT-SQUARA-5IN-24IN-2000L-DIMTR-120-60-40K-90-WH**

TEST NO.: EL011907

INPUT WATTS: 11.7 LUMENS: 1005 CRI: 90 EFFICACY: 86 CCT: 4000K SPACING CRITERIA: 0.92

Candle Power Distribution (Candelas)



Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	332.83	N.A.	33.1
0-30	615.23	N.A.	61.2
0-40	850.52	N.A.	84.6
0-60	996.23	N.A.	99.1
0-80	1004.51	N.A.	100
0-90	1004.98	N.A.	100

Luminance (Average candela/M<sup>2</sup>)

Angle in Degrees	Average		
	0°	45°	90°
45	18795	26020	24822
55	4381	7255	6614
65	508	1603	3216
75	255	445	466
85	128	821	898

Lumens Per Zone

Zone	Lumens
0-10	93.23
10-20	239.6
20-30	282.4
30-40	235.3
40-50	117.45
50-60	28.25
60-70	7.27
70-80	1.01
80-90	0.47

Candela Tabulation

0	
0	1015.9
5	1002.71
15	884.97
25	613.82
35	377.05
45	118.9
55	22.48
65	1.92
75	0.59
85	0.1
90	0.04

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	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	100	100	100	100			
1	113	110	108	105	111	108	106	103	104	102	100	100	99	97	97	96	94	94	93	94	93				
2	107	102	97	94	105	100	96	93	97	94	91	88	84	81	85	82	80	78	78	80	78				
3	101	94	89	85	99	93	88	84	90	86	82	88	84	81	85	82	80	78	78	80	78				
4	95	87	81	77	94	86	81	76	84	79	75	82	78	74	80	76	74	72	74	72					
5	90	81	75	70	88	80	74	70	78	73	69	77	72	69	75	71	68	66	66	68	66				
6	85	76	69	65	84	75	69	64	73	68	64	72	67	63	70	66	63	61	61	63	61				
7	80	71	64	60	79	70	64	59	69	63	59	67	62	59	66	62	58	57	57	58	57				
8	76	66	60	55	75	65	59	55	64	59	55	63	58	55	62	58	54	53	53	54	53				
9	72	62	56	51	71	61	55	51	61	55	51	60	55	51	59	54	51	49	49	51	49				
10	69	58	52	48	68	58	52	48	57	52	48	56	51	48	55	51	48	46	46	48	46				

Cone of Light

Beam Dia.	Height	Beam Dia.	Height
2	766 fc	1.4 ft	1.4 ft
4	200 fc	2.8 ft	2.8 ft
6	89.7 fc	4.4 ft	4.4 ft
8	49.1 fc	5.8 ft	5.8 ft
10	31.6 fc	7.0 ft	7.1 ft
12	21.5 fc	8.5 ft	8.5 ft

BEAM DIA. MEASURED AT 50% OF NADIR F.C.

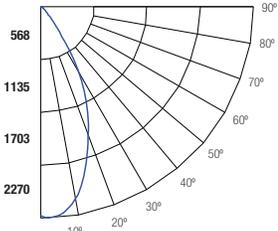
RC - Ceiling Cavity Reflectance RW - Wall Reflectance

**FPR6-RHAPSODY-SOFT-SQUARA-5IN-24IN-2000L-DIMTR-120-60-40K-90-WH**

TEST NO.: EL05082054

INPUT WATTS: 17.9428 LUMENS: 1418 CRI: 90 EFFICACY: 79 CCT: 4000K SPACING CRITERIA: 0.76

Candle Power Distribution (Candelas)



Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	664.56	46.90	46.90
0-30	1124.7	79.30	79.30
0-40	1324.56	93.40	93.40
0-60	1405.82	99.20	99.20
0-80	1416.6	99.90	99.90
0-90	1416.61	99.90	99.90

Luminance (Average candela/M<sup>2</sup>)

Angle in Degrees	Average		
	0°	45°	90°
45	4641	5313	6327
55	2425	2274	2358
65	1050	969	1011
75	292	298	343
85	13	19	0

Lumens Per Zone

Zone	Lumens
0-10	202.30
10-20	462.26
20-30	460.13
30-40	199.86
40-50	57.22
50-60	24.03
60-70	9.09
70-80	1.69
80-90	0.02

Candela Tabulation

0	
0	2247.59
5	2142.48
15	1564.31
25	936.43
35	231.67
45	59.92
55	25.40
65	8.10
75	1.38
85	0.02
90	0.02

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	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	100	100	100	100			
1	114	111	109	107	111	109	107	105	105	103	102	101	100	99	98	97	96	94	94	96	94	94			
2	109	104	100	97	106	102	99	96	99	96	94	96	94	92	93	91	90	88	88	91	90	88			
3	103	97	93	89	102	96	92	88	93	90	87	91	88	86	89	86	84	83	83	86	84	83			
4	99	92	86	82	97	90	86	82	88	84	81	86	83	80	85	82	79	78	78	81	79	78			
5	94	86	81	77	93	85	80	76	84	79	76	82	78	75	80	77	74	73	73	76	74	73			
6	90	82	76	72	88	81	76	72	79	75	71	78	74	71	77	73	70	69	69	73	70	69			
7	86	77	72	68	85	77	71	67	75	71	67	74	70	67	73	69	66	65	65	70	66	65			
8	82	73	68	64	81	73	67	64	72	67	63	71	66	63	70	66	63	62	62	67	63	62			
9	79	70	64	60	78	69	64	60	68	63	60	67	63	60	67	63	60	58	58	64	60	58			
10	75	66	61	57	74	66	61	57	65	60	57	64	60	57	64	60	57	56	56	61	57	56			

Cone of Light

Beam Dia.	Height	Beam Dia.	Height
2	778 fc	1.5 ft	1.5 ft
4	206 fc	2.8 ft	2.8 ft
6	89.9 fc	4.3 ft	4.3 ft
8	50.1 fc	5.8 ft	5.8 ft
10	32.6 fc	7.2 ft	7.1 ft
12	22.5 fc	8.6 ft	8.6 ft

BEAM DIA. MEASURED AT 50% OF NADIR F.C.

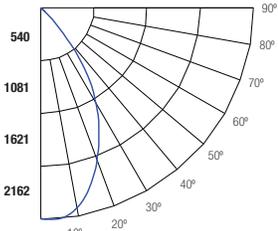
RC - Ceiling Cavity Reflectance RW - Wall Reflectance

**FPR6-RHAPSODY-SOFT-SQUARA-5IN-24IN-2000L-DIMTR-120-60-40K-90-WH**

TEST NO.: EL02032108

INPUT WATTS: 21.506 LUMENS: 1922 CRI: 90 EFFICACY: 89 CCT: 4000K SPACING CRITERIA: 0.90

Candle Power Distribution (Candelas)



Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	688.63	35.80	35.80
0-30	1274.75	66.30	66.30
0-40	1690.85	88.00	88.00
0-60	1884.47	98.00	98.00
0-80	1918.72	99.80	99.80
0-90	1920.74	99.90	99.90

Luminance (Average candela/M<sup>2</sup>)

Angle in Degrees	Average		
	0°	45°	90°
45	10033	11322	14207
55	4520	4954	5526
65	3040	3287	3489
75	1464	1731	2197
85	754	855	1232

Lumens Per Zone

Zone	Lumens
0-10	196.10
10-20	492.53
20-30	586.12
30-40	416.10
40-50	143.37
50-60	50.25
60-70	24.51
70-80	9.74
80-90	2.03

Candela Tabulation

0	
0	2143.89
5	2041.54
15	1628.53
25	1148.24
35	473.30
45	129.53
55	47.34
65	23.46
75	6.92
85	1.20
90	0.02

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	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	100	100	100	100			
1	113	110	108	105	111	108	106	104	104	102	100	100	99	97	97	96	95	93	93	96	95	93			
2	107	102	98	94	105	100	96	93	97	94	91	94	91	89	91	89	87	86	86	91	89	87			
3	101	95	89	85	99	93	88	85	91	87	83	88	85	82	86	83	81	79	79	84	81	79			
4	96	88	82	78	94	87	82	77	85	80	76	83	79	75	81	77	75	73	73	78	75	73			
5	91	82	76	72	89	81	75	71	79	74	71	78	73	70	76	72	69	68	68	73	69	68			
6	86	77	71	66	85	76	70	66	74	69	65	73	68	65	72	68	64	63							