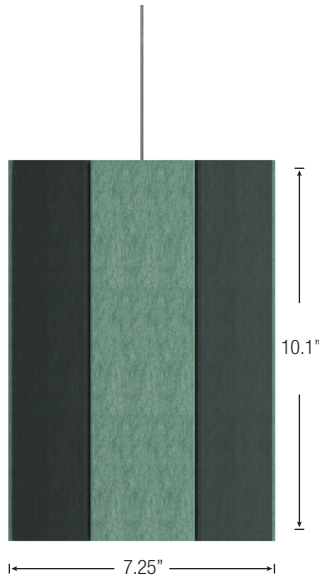




NOMINAL LUMENS	DELIVERED LUMENS	WATTAGE
2200	2506	32.4 W
1800	1862	21.7 W
1200	1198	13.4 W

Based on 3000K, 90+ CRI. Actual wattage may vary +/- 5%

WARM DIMMING		
NOMINAL LUMENS	DELIVERED LUMENS	WATTAGE
1500	1454	21 W
1200	1173	17 W
900	909	13 W
600	610	9 W

FEATURES

FPR1-Rhapsody is a small profile LED pendant mounted luminaire that delivers optimal lumen output for general illumination while providing the solution to high noise levels found in open, multi-functional spaces. Available in an array of color temperatures, it can accentuate the full spectrum of cool to warm tones and is the perfect complement for commercial, retail, hospitality, or high-end residential applications. The sound absorbing material consists of 9mm thick PET felt, with 50% post-consumer recycled content: a strong, durable and versatile product that is available in multiple color variations.

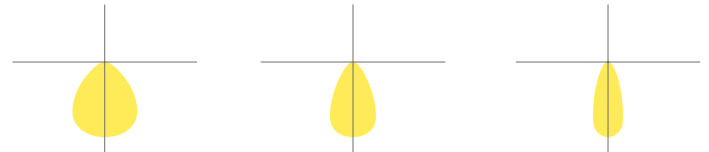
LUMENS	600, 900, 1200, 1500, 1800, 2200
CCT & DYNAMIC	2700K, 3000K, 3500K, 4000K, 5000K WDM 30K-18K
CRI	90+
COLOR QUALITY	2 Step MacAdam Ellipse
DISTRIBUTION	Spot (15°), Narrow Flood (25°), Flood (38°)
MOUNTING	Suspended, Pendant
FINISH	AWH (Architectural White) ABK (Architectural Black) Custom RAL
DIMMING	DIM10 (0-10V Dimming), DIMTR (Triac Dimming)
MATERIAL COLORS	Refer to SoftSense Material Color Chart
LIFETIME	L70 at 100,000 Hours
PHOTOMETRIC TESTS	In Accordance with IES LM79-08, LM80 and TM-30, TM-21

CANDLEPOWER DISTRIBUTION CURVES

FL: FLOOD

NFL: NARROW FLOOD

SP: SPOT



Reference IES files for additional distribution curve information.

PERFORMANCE

Available in (WDM) Warm Dim and 2700K, 3000K, 3500K, 4000K, and 5000K

Warm Dim with Smart Dim technology mimics traditional incandescent halogen lighting through dimming. Using Warm Dim, luminaires shift over the black body radiator curve as the light dims, transitioning into the rich amber tones that encourage relaxation. Ideal for hospitality, commercial, and residential applications, it maintains a high lumen output and comes paired with a high CRI of 90+ that guarantees color consistency within a 2 Step MacAdam Ellipse.

OPTICS

A polycarbonate optical refractor allows for precise beam control and even distribution, with a variety of lumen options. Optics are field changeable and available in NS (Narrow Spot), FL (Flood), and WFL (Wide Flood) options.

CONSTRUCTION

Post-painted powder coated extruded aluminum body.
Available in White, Black, and custom RAL colors.

ACOUSTIC MATERIAL

Acoustic material is 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.

OPTIONS

Available without light source.

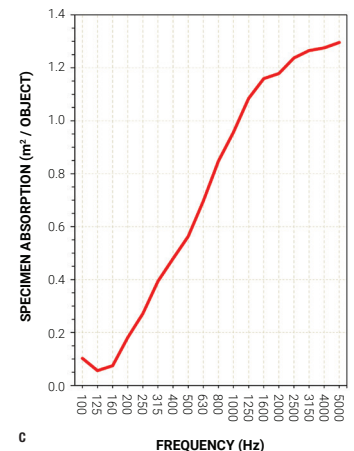
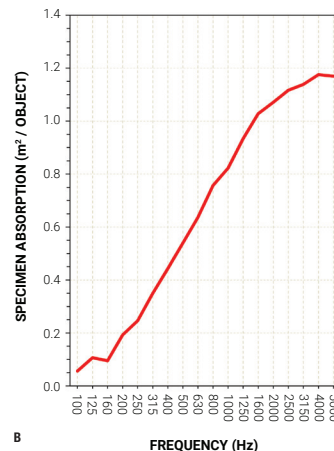
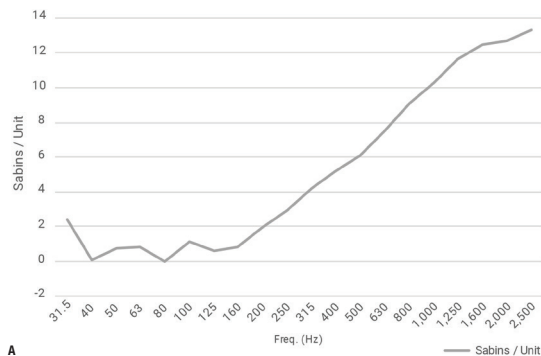
SOUND ABSORPTION RESULTS (from left to right)

A - acoustic performance

Linear Felt Fixtures, alternating with / without light fixtures (8 units total)

B - spaced 12" on center

C - spaced 18" on center



DIMMING & DRIVER INFORMATION

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

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

MOUNTING

- Offered in various mounting options including cable, stem, and surface
- Cable / Pendant mount supplied with complete canopy assembly and matched to housing finish
- Cable mount height can be field adjusted up to 9ft.

MOUNTING BRACKET AND SUSPENSION SYSTEM

Pendant mounted option is supplied with a 10 ft. adjustable aircraft cable and power cord, which can be field adjusted for desired length. Please consult factory for custom mounting and stem options.

WARRANTY

All Fusion Pendants are designed using a proprietary coolLED advanced thermodynamic design heat management system that is engineered for an extremely long life and service period. Five-year warranty for parts and components. (Labor not included)

LISTINGS

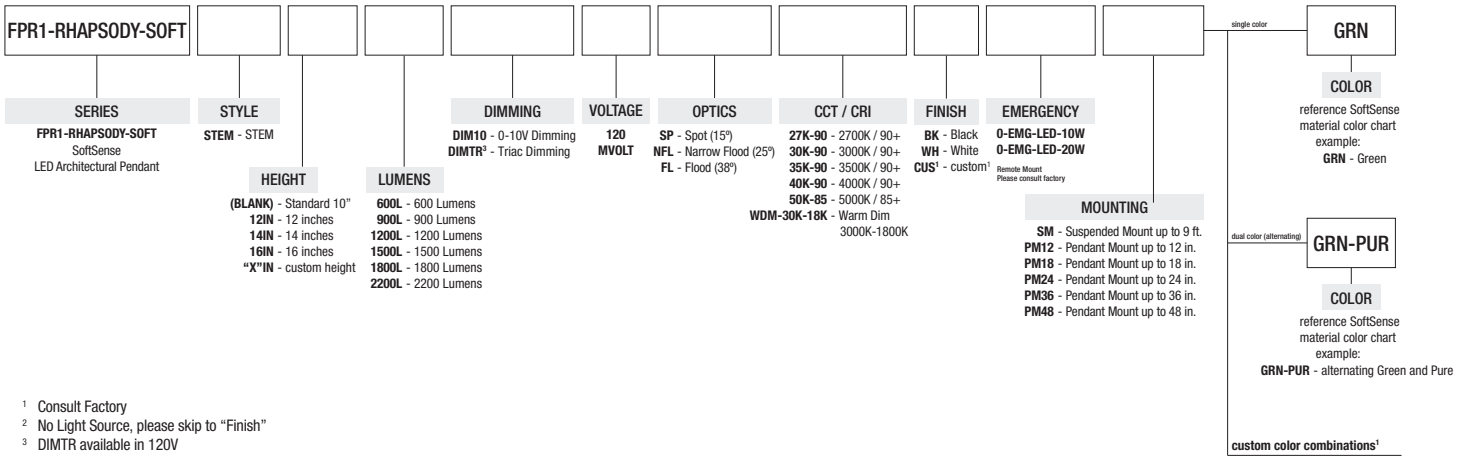
c-UL-us - Listed for Feed Through Wiring.

UI Listed for Damp location

MAINTENANCE

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

Example: **FPR1-RHAPSODY-SOFT-STEM-500L-DIM10-MVOLT-NFL-35K-90-WH-GRN**



STANDARD COLORS

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

All panels ASTM E84-16 Fire Rated



Declare.
Label Pending

¹quick ship available for any color depending on order quantity. Please consult factory.
²all colors are ASTM E84-16 fire rated

04.07.25

FPR1-RHAPSODY-SOFT-STEM-2200L-DIM10-MVOLT-FL-40K-90-WH

TEST NO.: **EL061859**

INPUT WATTS: **32.4**

LUMENS: **2506**

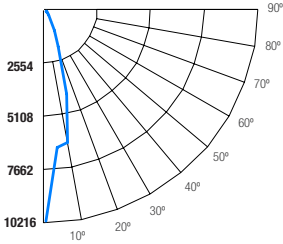
CRI: **90**

EFFICACY: **77**

CCT: **4000K**

SPACING CRITERIA: **0.46**

Candle Power Distribution (Candelas)



Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	1820.94	74.90	72.70
0-30	2338.93	96.20	93.30
0-40	2442.99	100.50	97.50
0-60	2490.33	102.50	99.40
0-80	2503.31	103.00	99.90
0-90	2505.76	103.10	100.00

Luminance (Average candela/M²)

Angle in Degrees	Average 0°	Average 45°	Average 90°
45	4278	5033	9625
55	2013	2508	2710
65	1727	1734	2238
75	1721	1984	2095
85	1201	3682	3932

Lumens Per Zone

Zone	Lumens
0-10	699.52
10-20	1121.42
20-30	517.99
30-40	104.06
40-50	34.21
50-60	13.13
60-70	7.97
70-80	5.01
80-90	2.45

Candela Tabulation

Q	
0	10215.84
5	9029.99
15	3754.75
25	977.54
35	84.32
45	30.63
55	11.69
65	7.39
75	4.51
85	1.06
90	0.06

Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance 0.20

	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%			
ROOM CAVITY RATIO	0	123	123	123	123	120	120	120	120	115	115	115	110	110	110	105	105	105	103			
	1	118	116	114	112	116	114	112	110	110	108	107	106	105	104	102	101	101	99			
	2	114	110	107	104	112	108	105	103	105	103	100	102	100	98	99	98	96	95			
	3	110	105	101	98	108	103	100	97	101	98	95	98	96	94	96	94	92	91			
	4	106	100	96	92	104	99	95	92	97	94	91	95	92	90	93	91	89	88			
	5	103	96	91	88	101	95	91	88	93	90	87	92	89	86	90	88	86	84			
	6	99	92	88	84	98	92	87	84	90	86	83	89	85	83	88	85	82	81			
	7	96	89	84	81	95	88	84	81	87	83	80	86	83	80	85	82	80	78			
	8	93	86	81	78	92	85	81	78	84	80	77	83	80	77	82	79	77	76			
	9	90	83	78	75	89	82	78	75	82	78	75	81	77	75	80	77	74	73			
		88	80	76	73	87	80	75	73	79	75	72	78	75	72	78	74	72	71			

RC - Ceiling Cavity Reflectance

RW - Wall Reflectance

FPR1-RHAPSODY-SOFT-STEM-1800L-DIM10-MVOLT-FL-40K-90-WH

TEST NO.: **EL061863**

INPUT WATTS: **21.7**

LUMENS: **1862**

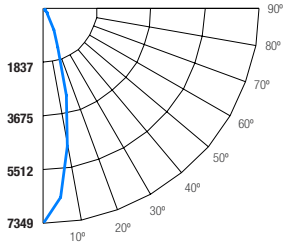
CRI: **90**

EFFICACY: **86**

CCT: **4000K**

SPACING CRITERIA: **0.46**

Candle Power Distribution (Candelas)



Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	1387.36	76.60	74.50
0-30	1749.14	96.60	93.90
0-40	1819.66	100.50	97.70
0-60	1852.14	102.30	99.50
0-80	1860.53	102.80	99.90
0-90	1862.22	102.90	100.00

Luminance (Average candela/M²)

Angle in Degrees	Average 0°	Average 45°	Average 90°
45	3666	4355	9636
55	1640	2085	2229
65	1377	1419	1877
75	1409	1695	1817
85	1197	3275	3534

Lumens Per Zone

Zone	Lumens
0-10	570.06
10-20	817.30
20-30	361.78
30-40	70.52
40-50	23.95
50-60	8.53
60-70	5.11
70-80	3.28
80-90	1.68

Candela Tabulation

Q	
0	7349.16
5	6508.68
15	2736.30
25	721.22
35	57.16
45	20.62
55	7.48
65	4.63
75	2.90
85	0.83
90	0.05

Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance 0.20

	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%			
ROOM CAVITY RATIO	0	122	122	122	122	120	120	120	120	114	114	114	109	109	109	105	105	105	103			
	1	118	116	114	112	116	114	112	110	109	108	107	106	105	104	102	101	101	99			
	2	114	110	107	104	112	108	105	103	105	103	101	102	100	99	99	98	97	95			
	3	110	105	101	98	108	104	100	97	101	98	96	99	96	94	96	94	91	89			
	4	106	100	96	93	99	95	92	91	94	91	93	93	90	90	94	91	89	88			
	5	103	96	92	89	101	96	91	88	94	90	88	92	89	87	91	88	86	85			
	6	100	93	88	85	98	92	88	85	91	87	84	89	86	84	88	85	83	82			
	7	97	90	85	82	95	89	85	82	88	84	81	87	83	81	86	83	81	79			
	8	94	87	82	79	93	86	82	79	85	81	79	84	81	78	83	80	78	77			
	9	91	84	79	76	90	83	79	76	83	79	76	82	78	76	81	78	76	75			
10	88	81	77	74	88	81	77	74	80	76	74	79	76	74	79	76	73	72				

RC - Ceiling Cavity Reflectance

RW - Wall Reflectance

FPR1-RHAPSODY-SOFT-STEM-1200L-DIM10-MVOLT-FL-40K-90-WH

TEST NO.: **EL061856**

INPUT WATTS: **13.4**

LUMENS: **1198**

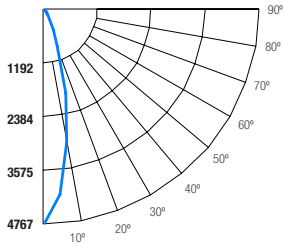
CRI: **90**

EFFICACY: **89**

CCT: **4000K**

SPACING CRITERIA: **0.46**

Candle Power Distribution (Candelas)



Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	894.86	76.20	74.70
0-30	1122.47	95.60	93.70
0-40	1166.47	99.30	97.40
0-60	1189.58	101.30	99.30
0-80	1196.28	101.80	99.90
0-90	1197.51	102.00	100.00

Luminance (Average candela/M²)

Angle in Degrees	Average 0°	Average 45°	Average 90°
45	2119	2311	4769
55	1035	1207	1274
65	865	862	1094
75	794	920	1061
85	453	1700	1915

Lumens Per Zone

Zone	Lumens
0-10	370.22
10-20	524.64
20-30	227.61
30-40	44.00
40-50	16.42
50-60	6.69
60-70	4.10
70-80	2.60
80-90	1.24

Candela Tabulation

Q	
0	4767.16
5	4340.53
15	1764.29
25	442.70
35	40.88
45	15.17
55	6.01
65	3.70
75	2.08
85	0.40
90	0.03

Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance 0.20

RC	80%				70%				50%				3
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