

NOMINAL LUMENS	DELIVERED LUMENS	WATTAGE
1000	1005	11W
1300	1418	17W
2000	1922	21W

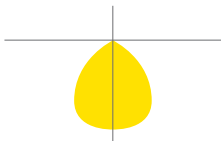
Based on 3000K, 90+ CRI. Actual wattage may vary +/- 5%

FEATURES

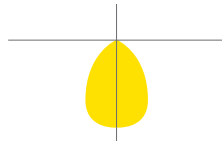
A small profile LED pendant mounted luminaire that delivers optimal lumen output for general illumination, integrating into any design. Available in an array of color temperatures, it can accentuate the full spectrum of cool to warm tones, and is the perfect complement for commercial, retail, hospitality, or high-end residential applications.

LUMENS	1000, 1300, 2000
CCT & DYNAMIC PLATFORMS	27K, 30K, 35K, 40K, 50K
CRI	90+
COLOR QUALITY	2 Step MacAdam Ellipse
DISTRIBUTIONS	10°, 20°, 30°, 45°, 60°
MOUNTING OPTIONS	CM (Ceiling Mount)
BODY FINISHES	WH (White), BK (Black)
REFLECTOR COLORS	W (White), MB (Black), SI (Silver)
DIMMING	"0-10V Flicker Free 1% Dimming Standard (DIM10), LUTH, LUTFTB, LUT2W, ELD010.1, ELD0DMX.1, ELD0DALI.1, DIMTR
EMERGENCY	10W - Up to 1000L Output (Bodine BSL310) 20W - Up to 2000L Output (Bodine BSL20)
LIFETIME	L70 at 50,000 Hours
PHOTOMETRIC TESTS	In Accordance with IES LM79-08 and LM80

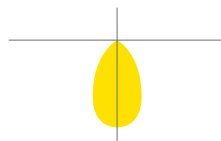
60 Degrees
Candlepower Distribution Curve



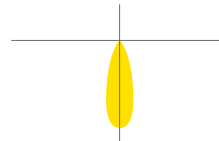
45 Degrees
Candlepower Distribution Curve



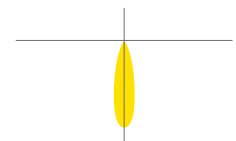
30 Degrees
Candlepower Distribution Curve



20 Degrees
Candlepower Distribution Curve



10 Degrees
Candlepower Distribution Curve



Reference IES files for additional distribution curve information.



CONSTRUCTION

The cylinder body comes standard with a post-painted mate white finish and die-cast construction for maximum heat dissipation and rust protection. Other standard finishes and custom colors are also available.

THERMAL MANAGEMENT SYSTEM

Die-cast aluminum housing and thermal management system are engineered for extremely long life. Heat sink is attached to top of housing. The LED light engine is attached to the die-cast heat sink and is easily replaceable and upgradeable

MOUNTING OPTIONS

Ceiling mount bracket provided for direct installation with 3-1/4" to 4" octagonal and square junction box. Pendant mount option is supplied with a 5" diameter canopy cover. Suspended mount option is supplied with an aircraft adjustable cable, and is ideal for sloped ceiling applications up to 45 degrees.

DIMMING & DRIVER INFORMATION

DIM10 - 0-10V dimming on either MVOLT 120, 277 or 347V. Dimmable down to 1% of initial lumens, standard. DIMTR - Triac & Electronic low voltage dimming. Available in 120V, and up to 40 watts. LUT2W - Lutron LTEA2W Hi-Lume 1%. 2-wire LED Driver 120V Forward Phase only. Available on all luminaires up to 40 watts. LUTH -Lutron LDE1 Hi-Lume 1% Eco System LED driver with Soft-on, Fade to Black dimming technology. Available on all luminaires up to 40 watts. LUTFB - Lutron PEQ0E Hi-Lume Premier 1% Eco System LED Driver with Soft-on, Fade to Black dimming technology. Available on all luminaires up to 20 watts. ELDO10.1 - EldoLED SoloDrive 0-10V. Dimming down to 0.1%.

Example: **FPR6-LED-1000L-DIM10-MVOLT-WFL-30K-90-WH**

SERIES	LUMENS	DIMMING	VOLTAGE	OPTICS	STANDARD SERIES	BODY COLOR	REFLECTOR COLOR
FPR6-LED	☐ 1000 ☐ 1300 ☐ 2000	☐ DIMTR ☐ DIM10	☐ 120 ☐ MVOLT	☐ 10 (10°) ☐ 20 (20°) ☐ 30 (30°) ☐ 45 (45°) ☐ 60 (60°)	☐ 27K-90 ☐ 30K-90 ☐ 35K-90 ☐ 40K-90 ☐ 50K-85	☐ BK(Black) ☐ WH(White) <i>Custom colors available. Please consult factory</i>	☐ WH - White ☐ MB - Black ☐ SI - Silver

FPR6-LED-1000L-DIM10-MVOLT-60-30K-90-WH-WH-DL

INPUT WATTS: **11.7**

LUMENS: **1005**

CRI: **90**

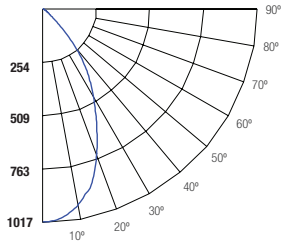
EFFICACY: **86**

CCT: **3000K**

TEST NO.: **EL011907**

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/M²)

Angle in Degrees	Average 0°	Average 45°	Average 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
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	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	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100			
	1	113	110	108	105	111	108	106	103	104	102	100	100	99	97	97	96	94	93			
	2	107	102	97	94	105	100	96	93	97	94	91	94	91	89	91	89	87	85			
	3	101	94	89	85	99	93	88	84	90	86	82	88	84	81	85	82	80	78			
	4	95	87	81	77	94	86	81	76	84	79	75	82	78	74	80	76	72	72			
	5	90	81	75	70	88	80	74	70	78	73	69	77	72	69	75	71	68	66			
	6	85	76	69	65	84	75	69	64	73	68	64	72	67	63	70	66	63	61			
	7	80	71	64	60	79	70	64	59	69	63	59	67	62	59	66	62	58	57			
	8	76	66	60	55	75	65	59	55	64	59	55	63	58	55	62	58	54	53			
	9	72	62	56	51	71	61	55	51	61	55	51	60	55	51	59	54	51	49			
10	69	58	52	48	68	58	52	48	57	52	48	56	51	48	55	51	48	46				

RC - Ceiling Cavity Reflectance

RW - Wall Reflectance

FPR6-LED-1300L-DIMTR-120-60D-40K-90-WH

INPUT WATTS: **17.9428**

LUMENS: **1418**

CRI: **90**

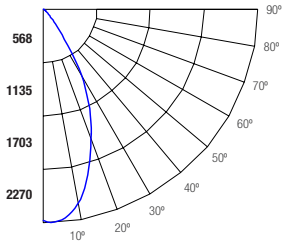
EFFICACY: **79**

CCT: **4000K**

TEST NO.: **EL05082054**

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/M²)

Angle in Degrees	Average 0°	Average 45°	Average 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
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%	50%	30%	10%	0%
ROOM CAVITY RATIO	0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	102	102	100	100	100	100	100
1	1	114	111	109	107	111	109	107	105	105	103	102	101	100	99	98	97	96	94	92	90	88	86	84	82
2	2	109	104	100	97	106	102	99	96	99	96	94	96	94	92	93	91	90	88	86	84	82	80	78	76
3	3	103	97	93	89	102	96	92	88	93	90	87	91	88	86	89	86	84	83	81	79	77	75	73	71
4	4	99	92	86	82	97	90	86	82	88	84	81	86	83	80	85	82	79	78	76	74	72	70	68	66
5	5	94	86	81	77	93	85	80	76	84	79	76	82	78	75	80	77	74	73	71	69	67	65	63	61
6	6	90	82	76	72	88	81	76	72	79	75	71	78	74	71	77	73	70	69	67	65	63	61	59	57
7	7	86	77	72	68	85	77	71	67	75	71	67	74	70	67	73	69	66	65	63	61	59	57	55	53
8	8	82	73	68	64	81	73	67	64	72	67	63	71	66	63	70	66	63	62	60	58	56	54	52	50
9	9	79	70	64	60	78	69	64	60	68	63	60	67	63	60	67	63	60	59	57	55	53	51	49	47
10	10	75	66	61	57	74	66	61	57	65	60	57	64	60	57	64	60	57	56	54	52	50	48	46	44

RC - Ceiling Cavity Reflectance

RW - Wall Reflectance

FPR6-LED-2000L-DIMTR-120-60D-40K-90-WH

INPUT WATTS: **21.506**

LUMENS: **1922**

CRI: **90**

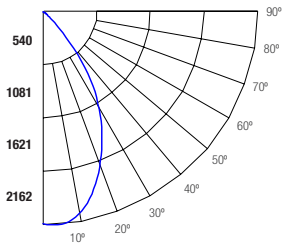
EFFICACY: **89**

CCT: **4000K**

TEST NO.: **EL02032108**

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/M²)

Angle in Degrees	Average 0°	Average 45°	Average 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
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

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	111	111	111	106	106	106	102	102	102	100
	1	113	110	108	105	111	108	106	104	104	102	100	100	99	97	97	96	95	93
	2	107	102	98	94	105	100	96	93	97	94	91	94	91	89	91	89	87	86
	3	101	95	89	85	99	93	88	85	91	87	83	88	85	82	86	83	81	79
	4	96	88	82	78	94	87	82	77	85	80	76	83	79	75	81	77	75	73
	5	91	82	76	72	89	81	75	71	79	74	71	78	73	70	76	72	69	68
	6	86	77	71	66	85	76	70	66	74	69	65	73	68	65	72	68	64	63
	7	82	72	66	61	80	71	65	61	70	65	61	69	64	61	68	63	60	59
8	78	68	61	57	76	67	61	57	66	61	57	65	60	57	64	60	56	55	
9	74	64	58	54	73	63	57	53	62	57	53	61	57	53	61	56	53	51	
10	70	60	54	50	69	60	54	50	59	54	50	58	53	50	57	53	50	48	