

NOMINAL LUMENS	DELIVERED LUMENS	WATTAGE
1200	1057	14W

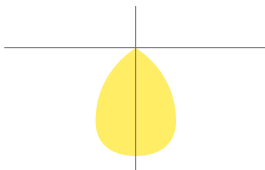
Based on 4000K, 85+ CRI. Actual wattage may vary +/- 5%

FEATURES

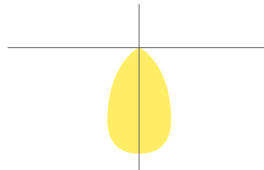
A small profile LED pendant mounted luminaire that delivers optimal lumen output for general illumination, integrating into any design. Available in an array of color temperatures, it can accentuate the full spectrum of cool to warm tones, and is the perfect complement for commercial, retail, hospitality,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

LUMENS	1200
CCT	30K, 35K
CRI	90+
COLOR QUALITY	2 Step MacAdam Ellipse
DISTRIBUTION	Narrow Spot (15°), Flood (30°), Wide Flood (38°)
MOUNTING	Suspended
FINISH	AWH (Architectural White) ABK (Architectural Black) Custom RAL
DIMMING	DIM10 (0-10V Dimming) DIMTR (Triac dimming)
LIFETIME	L70 at 100,000 Hours
PHOTOMETRIC TESTS	In Accordance with IES LM79-08, LM80 and TM-30, TM-21

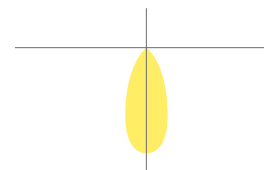
WFL: WIDE FLOOD
Candlepower Distribution Curve



FL: FLOOD
Candlepower Distribution Curve



NS: NARROW SPOT
Candlepower Distribution Curve



Reference IES files for additional distribution curve information.



FPR3-LED-1200L-DIMTR-10-MVOLT-FL-30K-90-WH

TEST NO.: EL05062008

INPUT WATTS: **14.4806**

LUMENS: **1057**

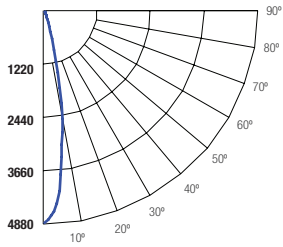
CRI: **90**

EFFICACY: **73**

CCT: **3000K**

SPACING CRITERIA: **0.42**

Candle Power Distribution (Candelas)



Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	844.96	79.90	79.90
0-30	970.36	91.80	91.80
0-40	1013.09	95.80	95.80
0-60	1048.00	99.10	99.10
0-80	1055.81	99.80	99.80
0-90	1056.26	99.90	99.90

Luminance (Average candela/M²)

Angle in Degrees	Average		
	0°	45°	90°
45	2861	10	10
55	12	12	12
65	8	16	16
75	26	20	26
85	79	79	79

Lumens Per Zone

Zone	Lumens
0-10	383.95
10-20	461.01
20-30	125.40
30-40	42.73
40-50	21.72
50-60	13.20
60-70	5.94
70-80	1.86
80-90	0.44

Candela Tabulation

Q	
0	4803.38
5	4133.81
15	1044.50
25	90.06
35	42.01
45	5.91
55	0.02
65	0.01
75	0.02
85	0.02
90	0.02

Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance 0.20

Cone of Light			
2	1,662	8.8	8.8
4	441	1.5	1.5
6	192	2.2	2.2
8	107	3.0	3.0
10	69.7	3.7	3.7
12	48.0	4.4	4.5

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

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%	0%						
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100							
1	115	113	111	109	112	111	109	107	107	105	104	103	102	101	99	99	98	96							
2	111	107	104	101	109	105	103	100	102	100	98	99	96	96	97	95	94	93							
3	107	102	99	96	105	101	98	95	99	96	94	96	94	92	94	92	91	89							
4	104	98	94	91	102	97	93	91	95	92	90	93	91	89	92	89	88	86							
5	101	95	90	87	99	94	90	87	92	89	86	91	88	85	89	87	85	84							
6	98	91	87	84	96	91	87	84	89	86	83	88	85	83	87	84	82	81							
7	95	88	84	81	94	88	84	81	87	83	80	86	82	80	85	82	80	79							
8	92	86	81	79	91	85	81	78	84	81	78	83	80	78	82	80	78	77							
9	90	83	79	76	89	83	79	76	82	78	76	81	78	76	80	78	75	74							
10	88	81	77	74	87	81	77	74	80	76	74	79	76	74	79	76	74	73							

RC - Ceiling Cavity Reflectance