



**IES INDOOR REPORT  
PHOTOMETRIC FILENAME : 387CFL13C.IES**

**DESCRIPTION INFORMATION (From Photometric File)**

IESNA:LM-63-1995  
[TEST] 20865C  
[MANUFAC]LDPI - VAPORPROOF - CFL CEILING  
[LUMCAT]387-CFL13-C  
[LUMINAIRE]WITH CLEAR LINEAR PRISMATIC GLASS JAR LENS AND DIE CAST GUARD  
[LAMP]ONE 13 WATT CPFL LAMP. LUMEN RATING = 900 LMS.  
[OTHER]SIMULATED REPORT FROM TEST WITH 42 WATT LAMP

**CHARACTERISTICS**

Total Rated Lamp Lumens	900
Total Luminaire Efficiency	67.6 %
Luminaire Efficacy Rating (LER)	38
Total Luminaire Watts	16
Ballast Factor	1.00
CIE Type	General Diffuse
Spacing Criteria (0-180)	N.A.
Spacing Criteria (90-270)	N.A.
Spacing Criteria (Diagonal)	N.A.
Basic Luminous Shape	Point
Luminous Length (0-180)	0.00 ft
Luminous Width (90-270)	0.00 ft
Luminous Height	0.00 ft

**LUMINANCE DATA (cd/sq.m)**

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	0	0	0
55	0	0	0
65	0	0	0
75	0	0	0
85	0	0	0

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**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-30	21.18	2.4	3.5
0-40	46.47	5.2	7.6
0-60	135.01	15	22.2
0-90	339.22	37.7	55.7
90-120	189.68	21.1	31.2
90-130	230.11	25.6	37.8
90-150	266.69	29.6	43.8
90-180	269.5	29.9	44.3
0-180	608.72	67.6	100

Total Luminaire Efficiency = 67.6%

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	1.76
10-20	5.91
20-30	13.52
30-40	25.29
40-50	37.85
50-60	50.69
60-70	62.33
70-80	70.25
80-90	71.63
90-100	71.04
100-110	64.82
110-120	53.82
120-130	40.44
130-140	25.54
140-150	11.04
150-160	2.6
160-170	.21
170-180	0

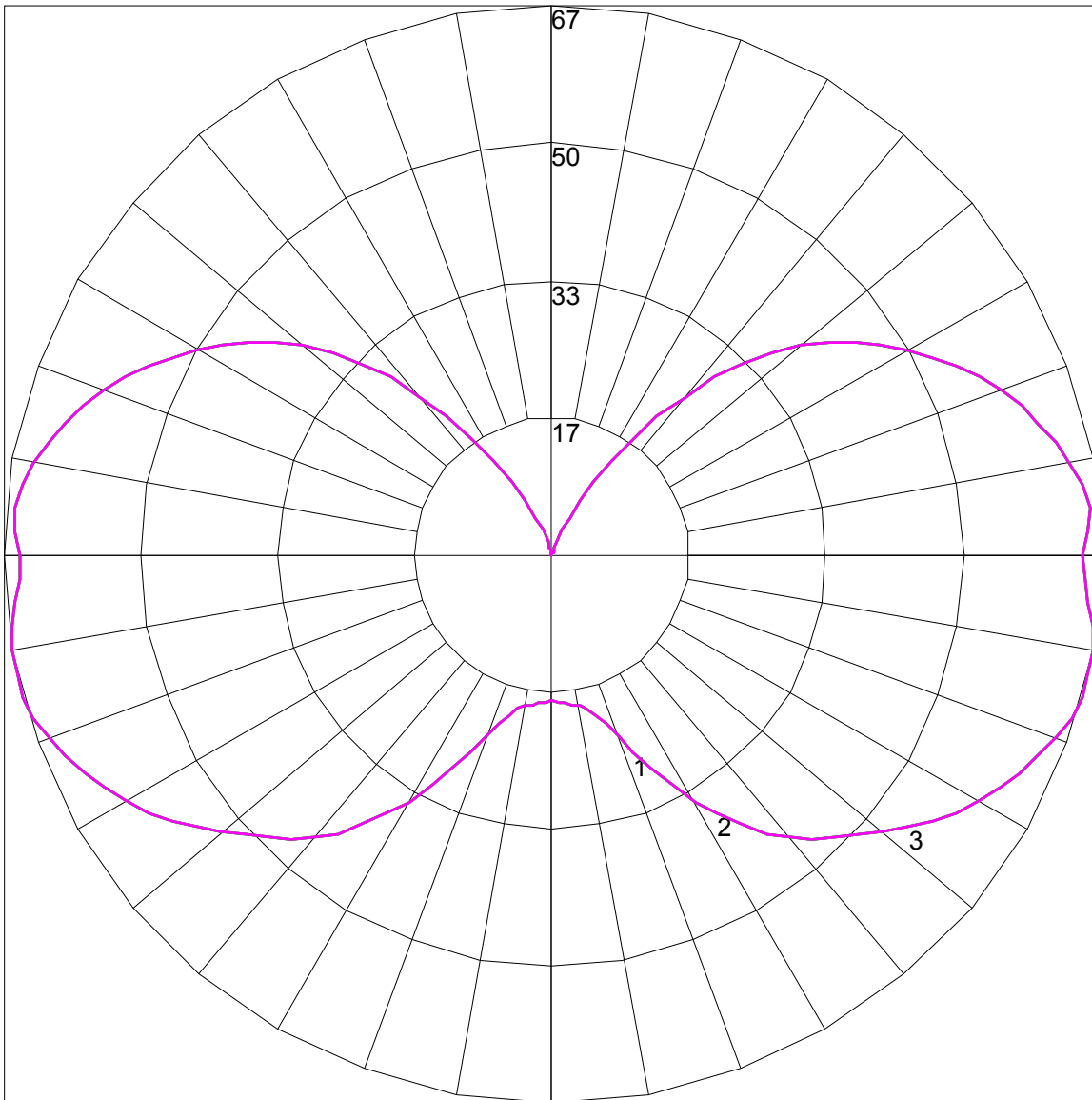
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**COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD**

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	0
0	73	73	73	73	68	68	68	68	59	59	59	50	50	50	42	42	42	38
1	63	58	54	50	58	54	50	46	45	42	40	37	35	33	30	28	27	23
2	56	48	43	38	51	45	39	35	37	33	29	30	27	24	24	22	19	16
3	50	41	35	29	45	38	32	27	31	27	23	26	22	19	20	17	15	12
4	45	36	29	24	41	33	27	22	27	22	18	22	18	15	17	14	12	9
5	41	31	25	20	37	29	23	18	24	19	15	19	15	12	15	12	9	7
6	37	28	21	16	34	25	19	15	21	16	13	17	13	10	13	10	8	6
7	34	25	18	14	31	23	17	13	19	14	11	15	12	9	12	9	7	5
8	32	22	16	12	29	20	15	11	17	13	9	14	10	7	11	8	6	4
9	29	20	14	10	27	19	13	10	15	11	8	13	9	6	10	7	5	3
10	27	18	13	9	25	17	12	8	14	10	7	12	8	6	9	6	4	3

POLAR GRAPH



Maximum Candela = 66.7 Located At Horizontal Angle = 0, Vertical Angle = 75

- # 1 - Vertical Plane Through Horizontal Angles (0 - 180)
- # 2 - Vertical Plane Through Horizontal Angles (45 - 225)
- # 3 - Vertical Plane Through Horizontal Angles (90 - 270)