



IES INDOOR REPORT
PHOTOMETRIC FILENAME : 387CFL13BB.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-1995
[TEST] 20864C
[MANUFAC]LDPI - VAPORPROOF - CFL BRACKET/BOX
[LUMCAT]387-CFL13-BB
[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	66.2 %
Luminaire Efficacy Rating (LER)	37
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	20.79	2.3	3.5
0-40	46.25	5.1	7.8
0-60	137.6	15.3	23.1
0-90	350.28	38.9	58.8
90-120	182.03	20.2	30.6
90-130	216.35	24	36.3
90-150	244.25	27.1	41
90-180	245.14	27.2	41.2
0-180	595.41	66.2	100

Total Luminaire Efficiency = 66.2%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	1.74
10-20	5.78
20-30	13.28
30-40	25.45
40-50	38.74
50-60	52.62
60-70	64.96
70-80	73.1
80-90	74.61
90-100	71.83
100-110	62.14
110-120	48.06
120-130	34.32
130-140	20.39
140-150	7.5
150-160	.88
160-170	.01
170-180	0

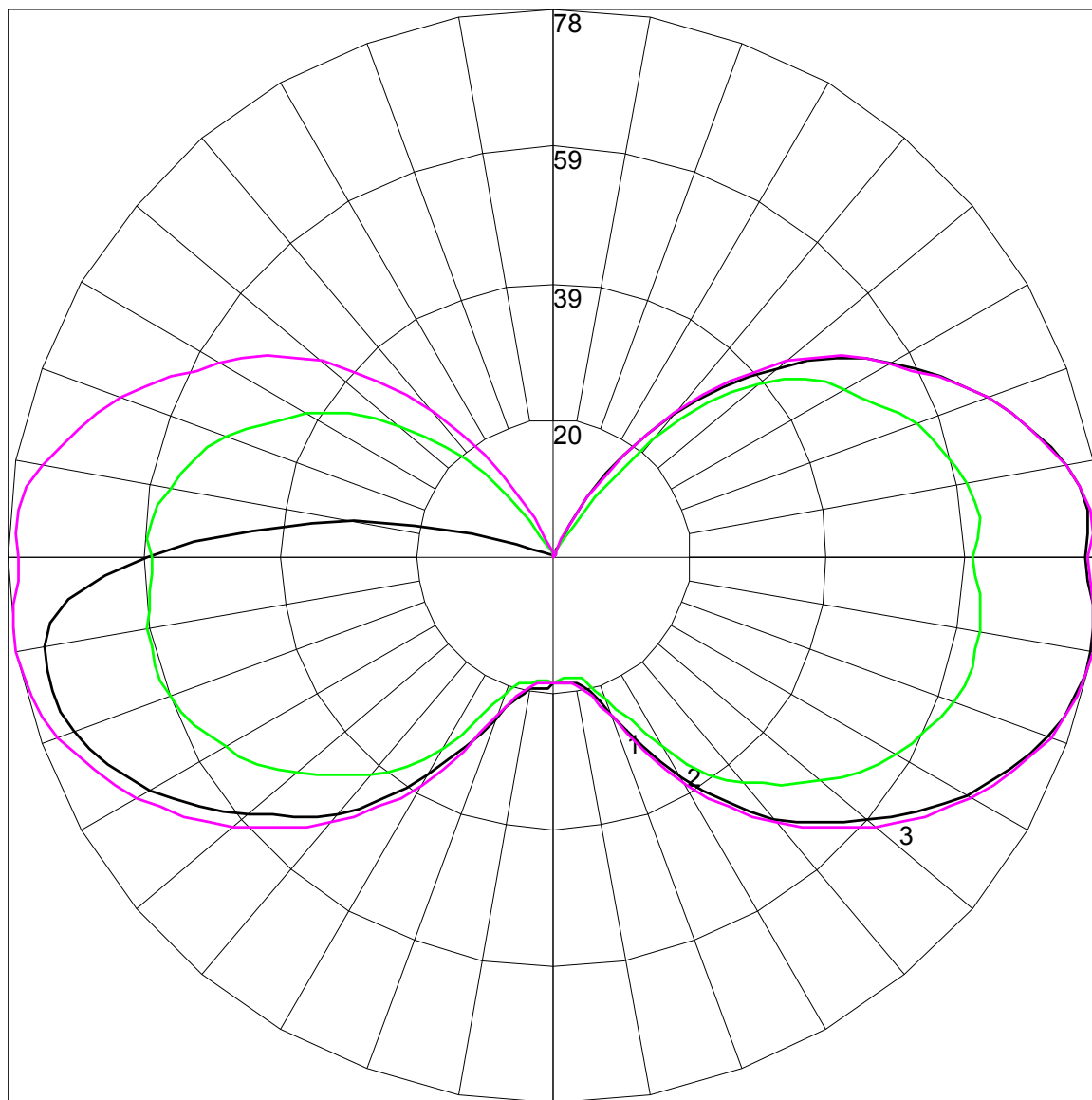
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COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

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	72	72	72	72	67	67	67	67	58	58	58	50	50	50	42	42	42	39
1	62	57	53	49	57	53	49	45	45	42	39	37	35	33	31	29	27	24
2	54	47	41	36	50	44	38	34	37	33	29	30	27	24	25	22	20	17
3	49	40	34	28	45	37	31	26	31	26	22	26	22	19	20	17	15	12
4	44	35	28	23	40	32	26	21	27	22	18	22	18	15	17	14	12	9
5	40	30	24	19	36	28	22	17	23	18	15	19	15	12	15	12	9	7
6	36	27	20	16	33	25	19	15	21	16	12	17	13	10	14	10	8	6
7	34	24	18	13	31	22	16	12	19	14	10	15	11	8	12	9	7	5
8	31	22	16	11	28	20	14	11	17	12	9	14	10	7	11	8	6	4
9	29	19	14	10	26	18	13	9	15	11	8	13	9	6	10	7	5	3
10	27	18	12	9	25	16	11	8	14	10	7	12	8	6	9	6	4	3

POLAR GRAPH



Maximum Candela = 78 Located At Horizontal Angle = 90, Vertical Angle = 80

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