



IES INDOOR REPORT
PHOTOMETRIC FILENAME : 390440-3546.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-1995
[TEST] 19911
[MANUFAC]LDPI LIGHTING - RECESSED PAINT BOOTH LUMINAIRE
[LUMCAT]390440-3546
[LUMINAIRE]WITH WHITE INTERIOR AND CLEAR FLAT GLASS LENS
[LAMP]FOUR PHILIPS 32 WATT T8 LAMPS
[LAMPCAT]F32T8/TL850. LUMEN RATING = 2950 LMS.
[OTHER]ONE ADVANCE ICN-4P32-SC-HAZ BALLAST OPERATING AT 120 VAC AND 101 WATTS

CHARACTERISTICS

Total Rated Lamp Lumens	11800 (4 lamps)
Total Luminaire Efficiency	61.8 %
CIE Type	Direct
Spacing Criteria (0-180)	1.28
Spacing Criteria (90-270)	1.38
Spacing Criteria (Diagonal)	1.46
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	4.00 ft
Luminous Width (90-270)	1.03 ft
Luminous Height	0.00 ft

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	5969	6685	6920
55	5565	6484	6674
65	4764	5828	6212
75	3158	4348	3905
85	737	1291	1360

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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-30	1966.75	16.7	27
0-40	3269.92	27.7	44.9
0-60	5886.8	49.9	80.8
0-90	7286.57	61.8	100
90-120	0	0	0
90-130	0	0	0
90-150	0	0	0
90-180	0	0	0
0-180	7286.57	61.8	100

Total Luminaire Efficiency = 61.8%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	232.49
10-20	678.38
20-30	1055.88
30-40	1303.18
40-50	1374.39
50-60	1242.48
60-70	911.82
70-80	424.37
80-90	63.59
90-100	0
100-110	0
110-120	0
120-130	0
130-140	0
140-150	0
150-160	0
160-170	0
170-180	0

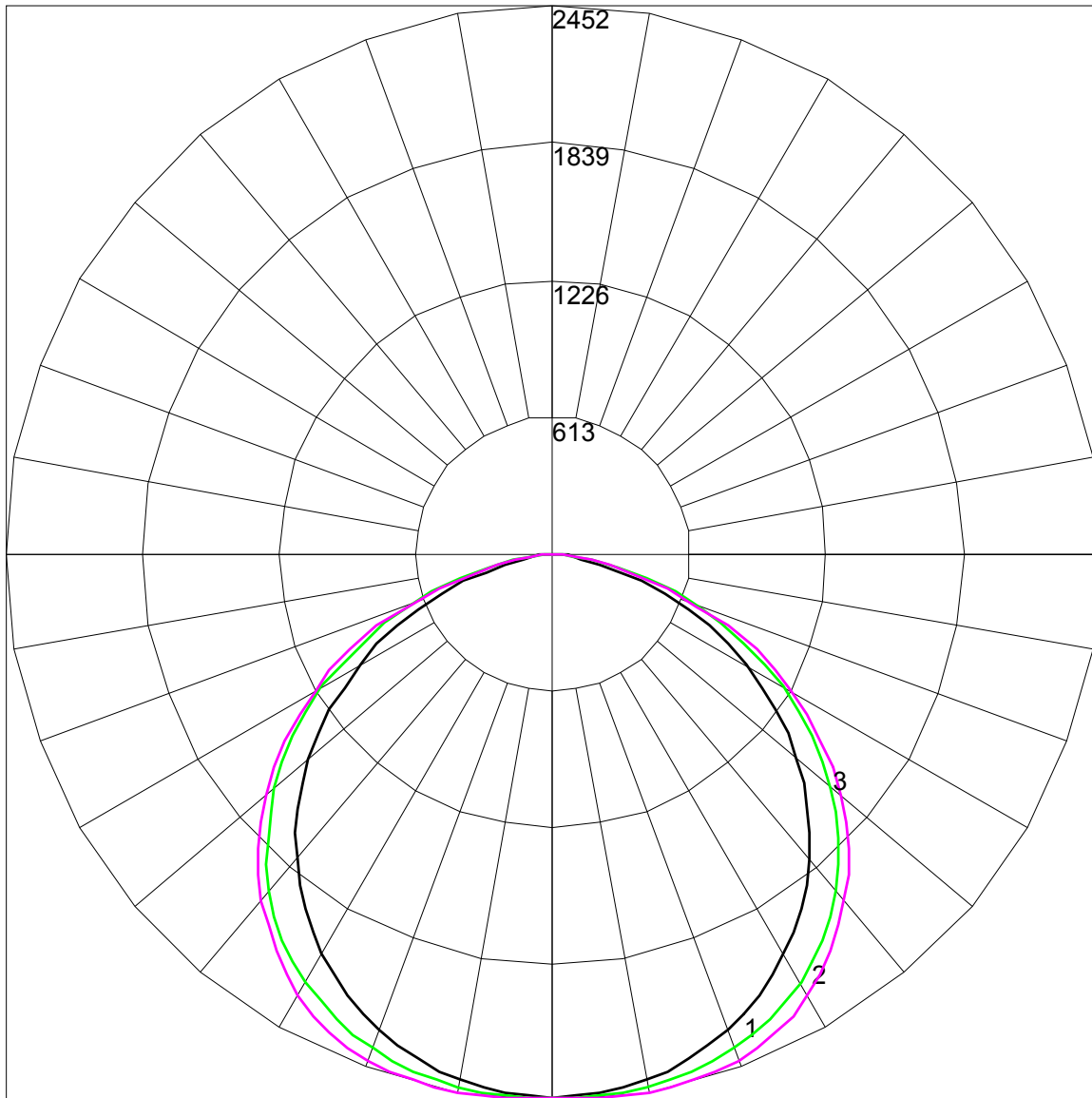
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COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

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
0	74	74	74	74	72	72	72	72	69	69	69	66	66	66	63	63	63	62	62
1	67	65	62	60	66	63	61	59	61	59	57	58	57	55	56	55	54	52	52
2	61	56	52	49	60	55	51	48	53	50	47	51	48	46	49	47	45	44	44
3	56	49	44	41	54	48	44	40	47	43	39	45	42	39	43	41	38	37	37
4	51	44	38	34	50	43	38	34	41	37	34	40	36	33	39	35	33	31	31
5	47	39	33	29	46	38	33	29	37	32	29	36	32	29	35	31	28	27	27
6	43	35	30	26	42	34	29	25	33	29	25	32	28	25	31	28	25	24	24
7	40	32	26	23	39	31	26	22	30	26	22	29	25	22	29	25	22	21	21
8	37	29	24	20	36	28	23	20	28	23	20	27	23	20	26	22	20	18	18
9	35	27	21	18	34	26	21	18	25	21	18	25	21	18	24	20	18	17	17
10	33	24	20	16	32	24	19	16	23	19	16	23	19	16	22	19	16	15	15

POLAR GRAPH



Maximum Candela = 2452.2 Located At Horizontal Angle = 90, Vertical Angle = 10

1 - Vertical Plane Through Horizontal Angles (0 - 180)

2 - Vertical Plane Through Horizontal Angles (45 - 225)

3 - Vertical Plane Through Horizontal Angles (90 - 270)