



**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 390420.IES**

**DESCRIPTION INFORMATION (From Photometric File)**

IESNA:LM-63-1995  
[DATE]11/16/98  
[TEST]ITL48516  
[MANUFAC]LDPI COMPANY DIVISION OF LPI INC.  
[LUMCAT]390420  
[LUMINAIRE]FABRICATED METAL HOUSING WITH WHITE PAINTED INTERIOR FINISH,  
[MORE]WHITE PAINTED FABRICATED METAL BALLAST COVER, CLEAR FLAT GLASS  
[MORE]LENS IN EXTRUDED METAL DOOR FRAME.  
[LAMP]TWO 32-WATT T-8 F32T8/TL835 LINEAR FLUORESCENTS.  
[BALLAST]MAGNETEK B232I120L  
[\_ MOUNTING]RECESSED  
[\_ PAINTREFL]85.0 %  
[OTHER]THE 0 DEGREE PLANE IS PARALLEL WITH THE LAMPS.  
[OTHER]TOTAL INPUT WATTS= 49.3 AT 120.0 VOLTS  
[OTHER]LUMEN TO CANDELA RATIO USED= 9.19

**CHARACTERISTICS**

Total Rated Lamp Lumens      6100 (2 lamps)  
Total Luminaire Efficiency      58.6 %  
CIE Type                              Direct  
Spacing Criteria (0-180)        1.28  
Spacing Criteria (90-270)      1.30  
Spacing Criteria (Diagonal)    1.40  
Basic Luminous Shape            Rectangular  
Luminous Length (0-180)       4.01 ft  
Luminous Width (90-270)       0.62 ft  
Luminous Height                   0.00 ft

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

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	5305	5409	5115
55	4971	5001	4737
65	4269	4166	3880
75	2909	2758	2758
85	745	993	794

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**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-30	1029.03	16.9	28.8
0-40	1691.53	27.7	47.4
0-60	2954.41	48.4	82.7
0-90	3571.56	58.6	100
90-120	0	0	0
90-130	0	0	0
90-150	0	0	0
90-180	0	0	0
0-180	3571.56	58.6	100

Total Luminaire Efficiency = 58.6%

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	122.89
10-20	356.94
20-30	549.2
30-40	662.5
40-50	675.37
50-60	587.52
60-70	402.29
70-80	184.36
80-90	30.49
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

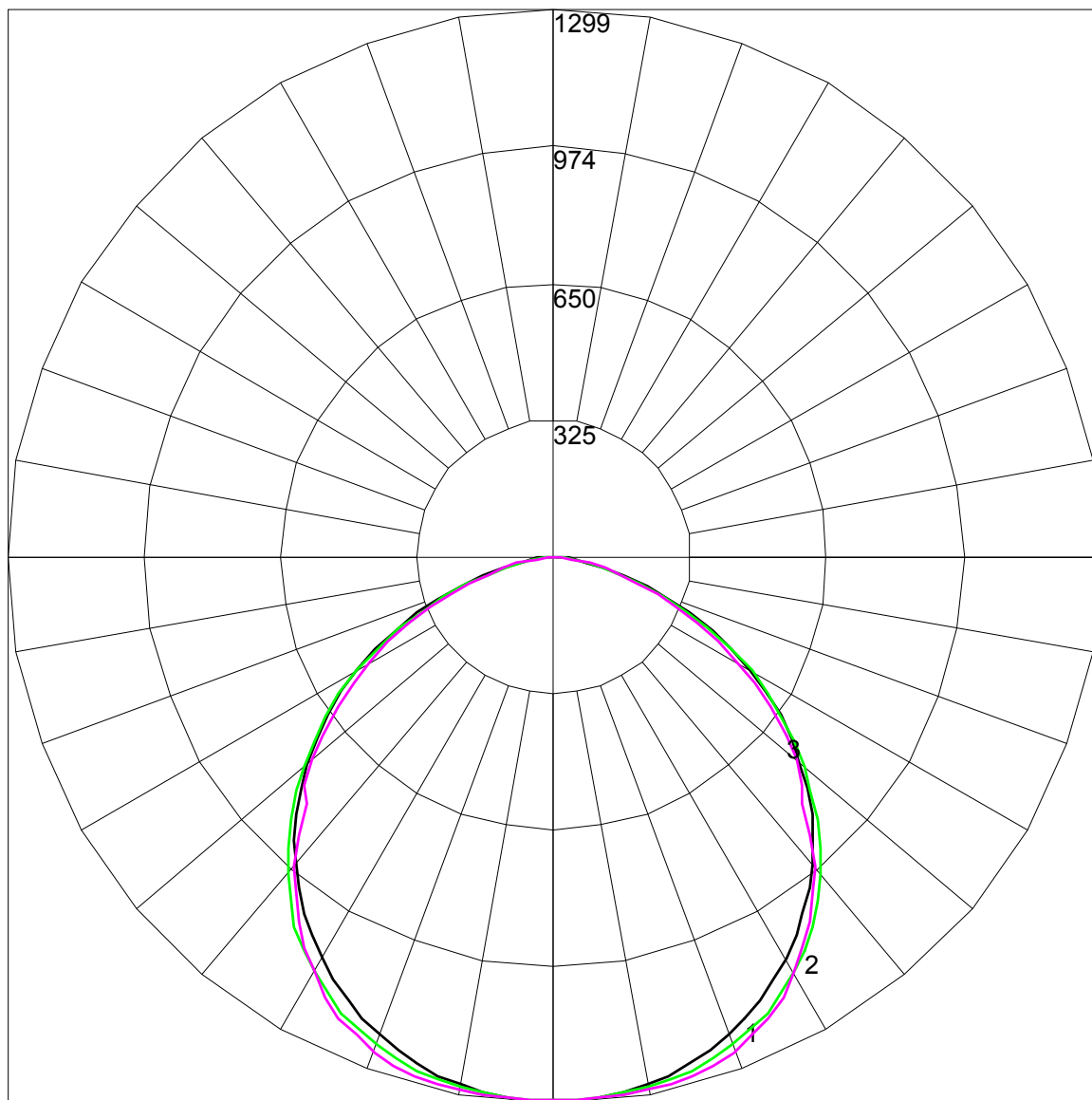
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**COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD**

Effective Floor Cavity Reflectance 0.20

RC 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	70	70	70	70	68	68	68	68	65	65	65	62	62	62	60	60	60	59
1	64	62	59	57	63	60	58	56	58	56	54	55	54	53	53	52	51	50
2	59	54	50	47	57	53	49	46	51	48	45	49	46	44	47	45	43	42
3	53	48	43	39	52	47	42	39	45	41	38	43	40	38	42	39	37	36
4	49	42	37	33	48	41	37	33	40	36	33	39	35	32	37	34	32	31
5	45	38	33	29	44	37	32	29	36	32	28	35	31	28	34	30	28	26
6	42	34	29	25	41	33	29	25	32	28	25	31	28	25	30	27	24	23
7	39	31	26	22	38	30	26	22	29	25	22	29	25	22	28	24	22	20
8	36	28	23	20	35	28	23	20	27	23	20	26	22	20	26	22	19	18
9	34	26	21	18	33	25	21	18	25	21	18	24	20	18	24	20	17	16
10	31	24	19	16	31	23	19	16	23	19	16	22	19	16	22	18	16	15

POLAR GRAPH



Maximum Candela = 1299 Located At Horizontal Angle = 0, Vertical Angle = 2.5

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