



**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 390460.IES**

**DESCRIPTION INFORMATION (From Photometric File)**

IESNA:LM-63-1995  
[DATE]11/14/98  
[TEST]ITL48515  
[MANUFAC]LDPI COMPANY DIVISION OF LPI INC.  
[LUMCAT]390460  
[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]SIX 32-WATT T-8 F32T8/TL835 LINEAR FLUORESCENTS.  
[BALLAST]TWO MAGNETEK B4321120RH  
[\_ MOUNTING]RECESSED  
[\_ PAINTREFL]85.1 %  
[OTHER]THE 0 DEGREE PLANE IS PARALLEL WITH THE LAMPS.  
[OTHER]TOTAL INPUT WATTS= 170.3 AT 120.0 VOLTS  
[OTHER]LUMEN TO CANDELA RATIO USED= 9.19

**CHARACTERISTICS**

Total Rated Lamp Lumens      18300 (6 lamps)  
Total Luminaire Efficiency      65.5 %  
CIE Type                              Direct  
Spacing Criteria (0-180)        1.28  
Spacing Criteria (90-270)      1.42  
Spacing Criteria (Diagonal)    1.48  
Basic Luminous Shape            Rectangular  
Luminous Length (0-180)       4.01 ft  
Luminous Width (90-270)       1.45 ft  
Luminous Height                  0.00 ft

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

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	6775	7701	8101
55	6351	7609	8120
65	5471	7122	7877
75	3686	5561	5276
85	868	1397	1503

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**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-30	3126.34	17.1	26.1
0-40	5223.16	28.5	43.6
0-60	9534.15	52.1	79.6
0-90	11980.19	65.5	100
90-120	0	0	0
90-130	0	0	0
90-150	0	0	0
90-180	0	0	0
0-180	11980.19	65.5	100

Total Luminaire Efficiency = 65.5%

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	368.63
10-20	1077.53
20-30	1680.18
30-40	2096.82
40-50	2240.25
50-60	2070.74
60-70	1572.8
70-80	764.12
80-90	109.13
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

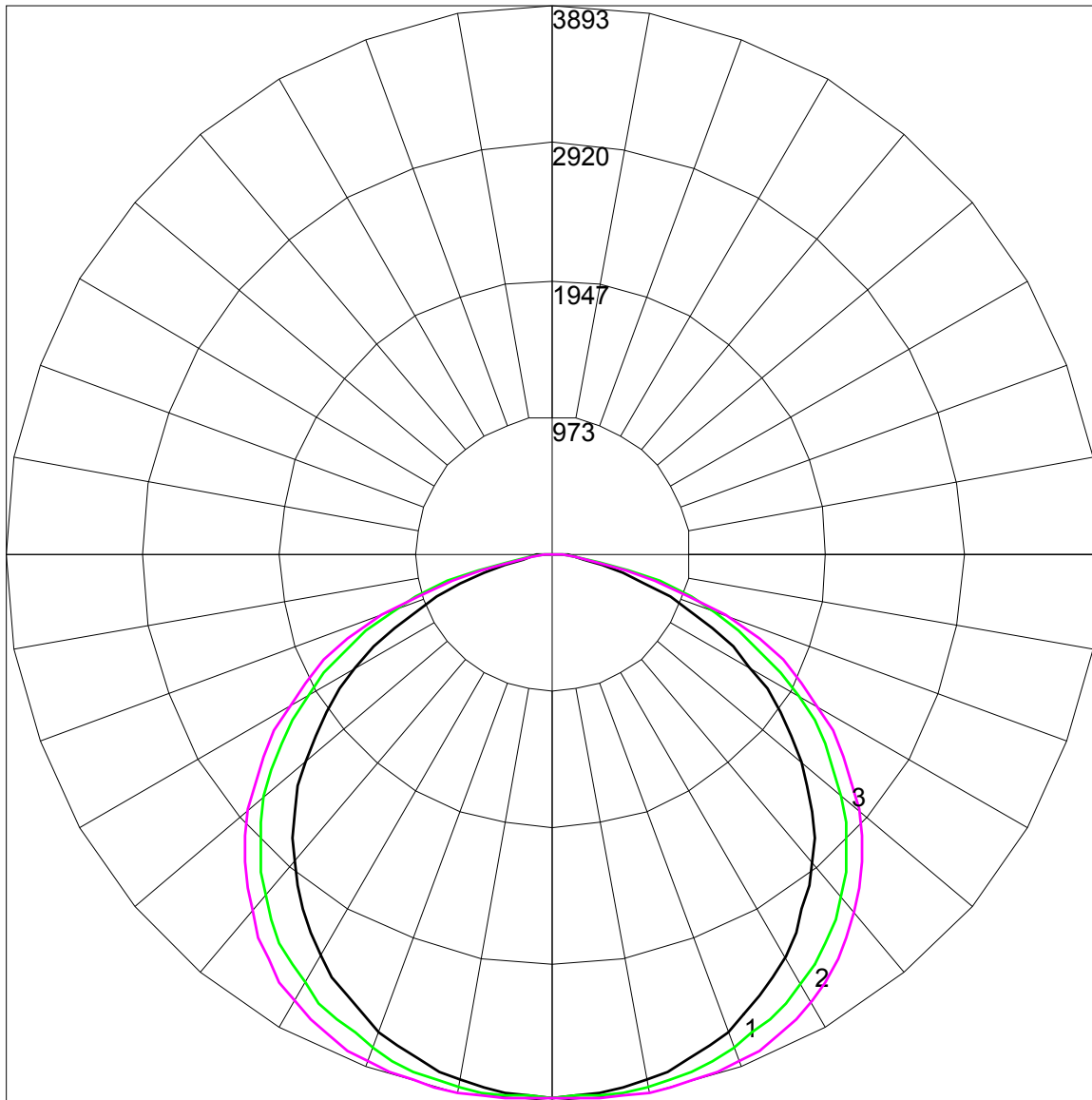
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**COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD**

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	78	78	78	78	76	76	76	76	73	73	73	70	70	70	67	67	67	65
1	71	68	66	63	70	67	64	62	64	62	60	61	60	58	59	58	57	55
2	65	59	55	51	63	58	54	51	56	52	49	54	51	48	52	49	47	46
3	59	52	47	42	57	51	46	42	49	45	41	47	44	41	46	42	40	38
4	54	46	40	36	52	45	40	35	43	39	35	42	38	35	40	37	34	33
5	49	41	35	31	48	40	35	30	39	34	30	38	33	30	36	32	29	28
6	46	37	31	27	44	36	31	26	35	30	26	34	29	26	33	29	26	24
7	42	33	27	23	41	33	27	23	32	27	23	31	26	23	30	26	23	21
8	39	30	25	21	38	30	24	21	29	24	21	28	24	20	27	23	20	19
9	37	28	22	19	36	27	22	19	27	22	18	26	21	18	25	21	18	17
10	34	26	20	17	33	25	20	17	25	20	17	24	20	17	23	19	17	15

POLAR GRAPH



Maximum Candela = 3893 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)