



**IES INDOOR REPORT
PHOTOMETRIC FILENAME : 390360.IES**

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-1995
 [DATE]11/29/98
 [TEST]ITL48520
 [MANUFAC]LDPI COMPANY DIVISION OF LPI INC.
 [LUMCAT]390360
 [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 25-WATT T-8 F25T8 LINEAR FLUORESCENTS.
 [_ MOUNTING]RECESSED
 [OTHER]NOTE: THIS REPORT WAS PRORATED FROM ITL TEST NUMBER 48515 WHICH
 [MORE]WAS TESTED USING SIX F32T8/TL835, 32-WATT, T-8 LAMPS; ACTUAL
 [MORE]PERFORMANCE MAY VARY.
 [_ PAINTREFL]85.1 %
 [OTHER]THE 0 DEGREE PLANE IS PARALLEL WITH THE LAMPS.

CHARACTERISTICS

Total Rated Lamp Lumens	13350 (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)	3.01 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	6585	7485	7871
55	6172	7393	7891
65	5317	6922	7655
75	3581	5405	5129
85	846	1354	1467

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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-30	2280.66	17.1	26.1
0-40	3810.33	28.5	43.6
0-60	6955.27	52.1	79.6
0-90	8739.76	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	8739.76	65.5	100

Total Luminaire Efficiency = 65.5%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	268.92
10-20	786.04
20-30	1225.7
30-40	1529.67
40-50	1634.23
50-60	1510.71
60-70	1147.41
70-80	557.39
80-90	79.68
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

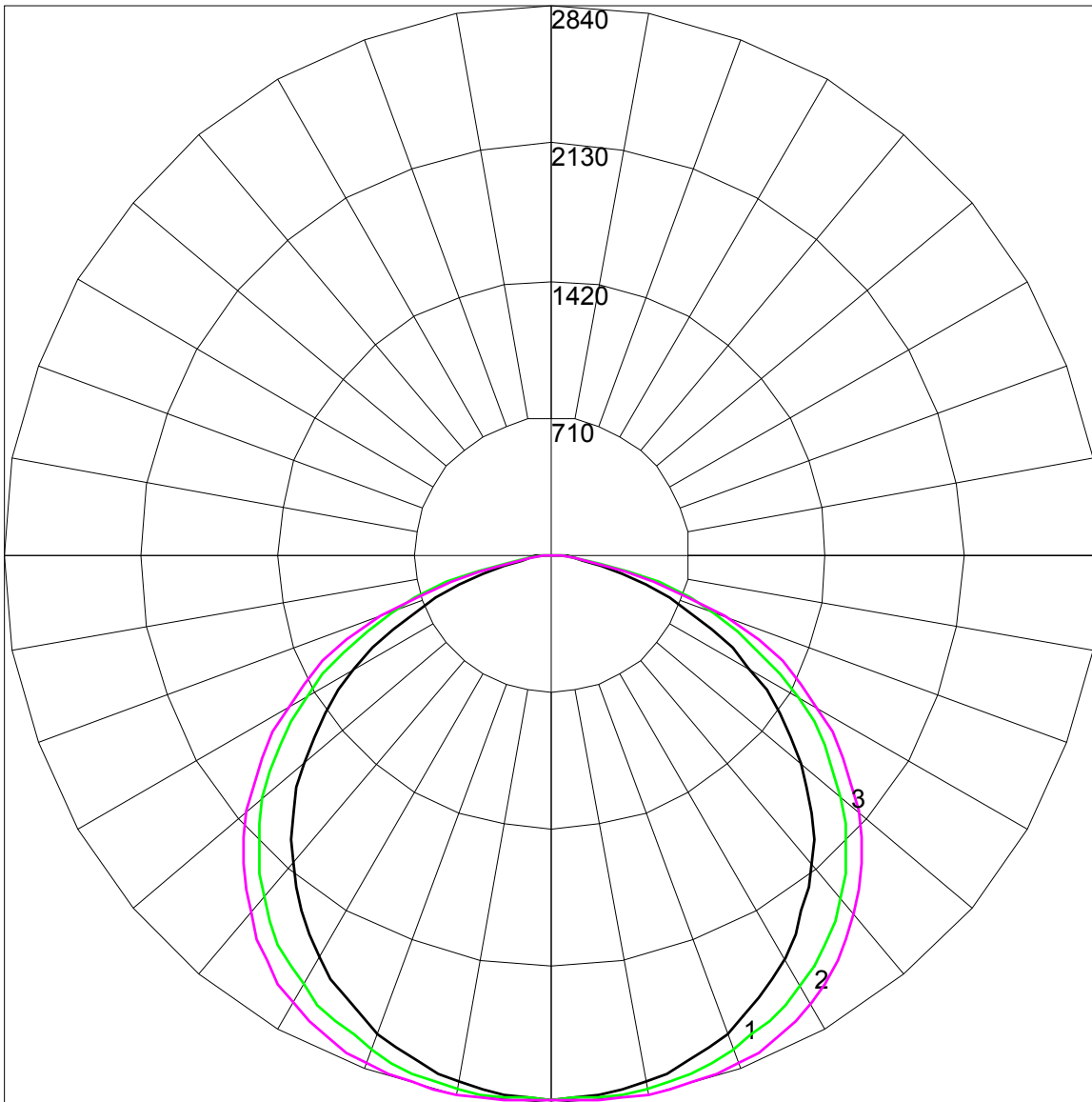
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COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

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 = 2840 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)