



**IES INDOOR REPORT
PHOTOMETRIC FILENAME : 390261HO.IES**

DESCRIPTION INFORMATION (From Photometric File)

REPORT NUMBER: ITL38624 DATE: 11-26-1991
PREPARED FOR: LDPI CO., DIVISION OF LPI, INC.
CATALOG NUMBER: 390261HO-120V
LUMINAIRE: FABRICATED METAL HOUSING, WHITE PAINTED INTERIOR REFLECTOR
FINISH, CLEAR FLAT TEMPERED GLASS ENCLOSURE IN ALUMINUM DOOR
FRAME.
LAMPS: FOUR F48T12/CW/HO, EACH RATED 4300 LUMENS.
BALLASTS: TWO MAGNETEK 631-LH-TC-P
MOUNTING: RECESSED
TOTAL INPUT WATTS= 255.0 AT 120.0 VOLTS
LUMEN TO CANDELA RATIO USED= 9.17
THE 0 DEGREE PLANE IS PARALLEL WITH THE LAMPS.

CHARACTERISTICS

Total Rated Lamp Lumens 17200 (4 lamps)
Total Luminaire Efficiency 47.5 %
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) 3.94 ft
Luminous Width (90-270) 1.36 ft
Luminous Height 0.00 ft

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	5146	5899	6278
55	4784	5876	6242
65	3888	5219	5100
75	2490	3132	2598
85	390	253	253

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 390261HO.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-30	2189.5	12.7	26.8
0-40	3654.86	21.2	44.7
0-60	6698.14	38.9	81.9
0-90	8177.04	47.5	100
90-120	0	0	0
90-130	0	0	0
90-150	0	0	0
90-180	0	0	0
0-180	8177.04	47.5	100

Total Luminaire Efficiency = 47.5%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	259.04
10-20	757.67
20-30	1172.79
30-40	1465.36
40-50	1583.3
50-60	1459.98
60-70	1025.37
70-80	419.97
80-90	33.56
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

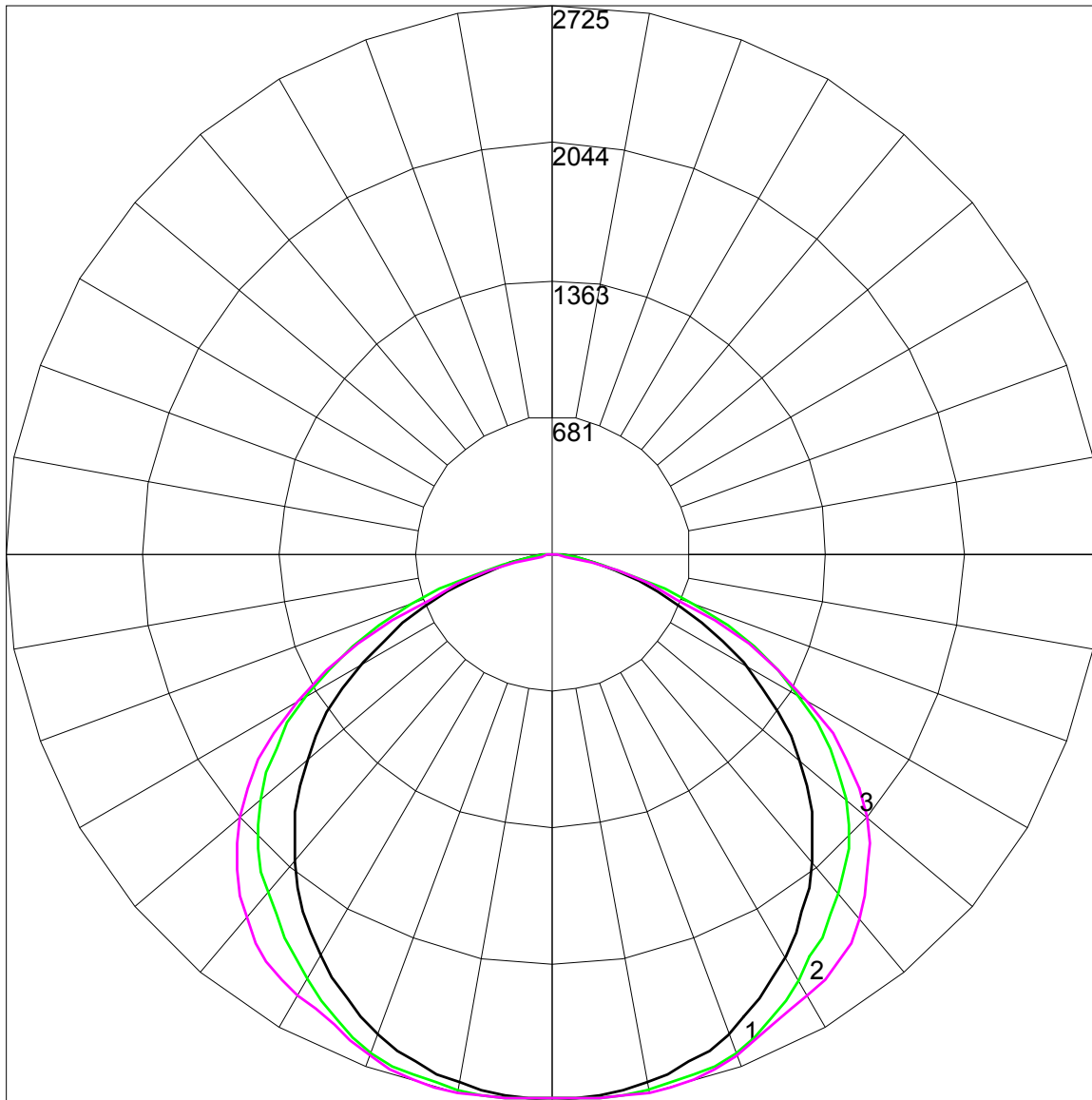
IES INDOOR REPORT
PHOTOMETRIC FILENAME : 390261HO.IES

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	57	57	57	57	55	55	55	55	53	53	53	51	51	51	49	49	49	48
1	52	50	48	46	51	49	47	46	47	45	44	45	44	43	43	42	41	41
2	47	44	40	38	46	43	40	37	41	39	37	39	37	36	38	36	35	34
3	43	38	34	31	42	38	34	31	36	33	31	35	32	30	34	31	30	29
4	39	34	30	27	38	33	29	26	32	29	26	31	28	26	30	27	25	24
5	36	30	26	23	35	30	26	23	29	25	22	28	25	22	27	24	22	21
6	33	27	23	20	32	27	23	20	26	22	20	25	22	19	24	21	19	18
7	31	24	20	17	30	24	20	17	23	20	17	23	19	17	22	19	17	16
8	29	22	18	15	28	22	18	15	21	18	15	21	18	15	20	17	15	14
9	27	20	16	14	26	20	16	14	20	16	14	19	16	14	19	16	14	13
10	25	19	15	13	24	19	15	12	18	15	12	18	15	12	17	14	12	11

POLAR GRAPH



Maximum Candela = 2725 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)