



IES INDOOR REPORT
PHOTOMETRIC FILENAME : 390280HO.IES

DESCRIPTION INFORMATION (From Photometric File)

REPORT NUMBER: ITL39896 DATE: 10-19-1992
PREPARED FOR: LDPI COMPANY. DIVISION OF LPI, INC. (revised 5/28/93)
CATALOG NUMBER: 390280120HO
LUMINAIRE: FABRICATED METAL HOUSING, WHITE PAINTED INTERIOR REFLECTOR
FINISH, CLEAR TEMPERED GLASS ENCLOSURES IN ALUMINUM DOOR
FRAMES.
LAMPS: FOUR F96T12/CW/HO, EACH RATED 8800 LUMENS.
BALLASTS: TWO VALMONT E296SH120
MOUNTING: RECESSED
TOTAL INPUT WATTS= 342.0 AT 120.0 VOLTS
LUMEN TO CANDELA RATIO USED= 9.24
THE 0 DEGREE PLANE IS PARALLEL WITH THE LAMPS.

CHARACTERISTICS

Total Rated Lamp Lumens	35200 (4 lamps)
Total Luminaire Efficiency	57.8 %
CIE Type	Direct
Spacing Criteria (0-180)	1.26
Spacing Criteria (90-270)	1.42
Spacing Criteria (Diagonal)	1.46
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	7.95 ft
Luminous Width (90-270)	1.34 ft
Luminous Height	0.00 ft

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	6449	7401	7738
55	6035	7128	7537
65	5066	6259	6035
75	3424	3900	3200
85	847	520	475

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 390280HO.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-30	5551.21	15.8	27.3
0-40	9231.33	26.2	45.4
0-60	16706.64	47.5	82.1
0-90	20345.8	57.8	100
90-120	0	0	0
90-130	0	0	0
90-150	0	0	0
90-180	0	0	0
0-180	20345.8	57.8	100

Total Luminaire Efficiency = 57.8%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	657.69
10-20	1924.8
20-30	2968.72
30-40	3680.12
40-50	3921.92
50-60	3553.39
60-70	2492.16
70-80	1039.32
80-90	107.68
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

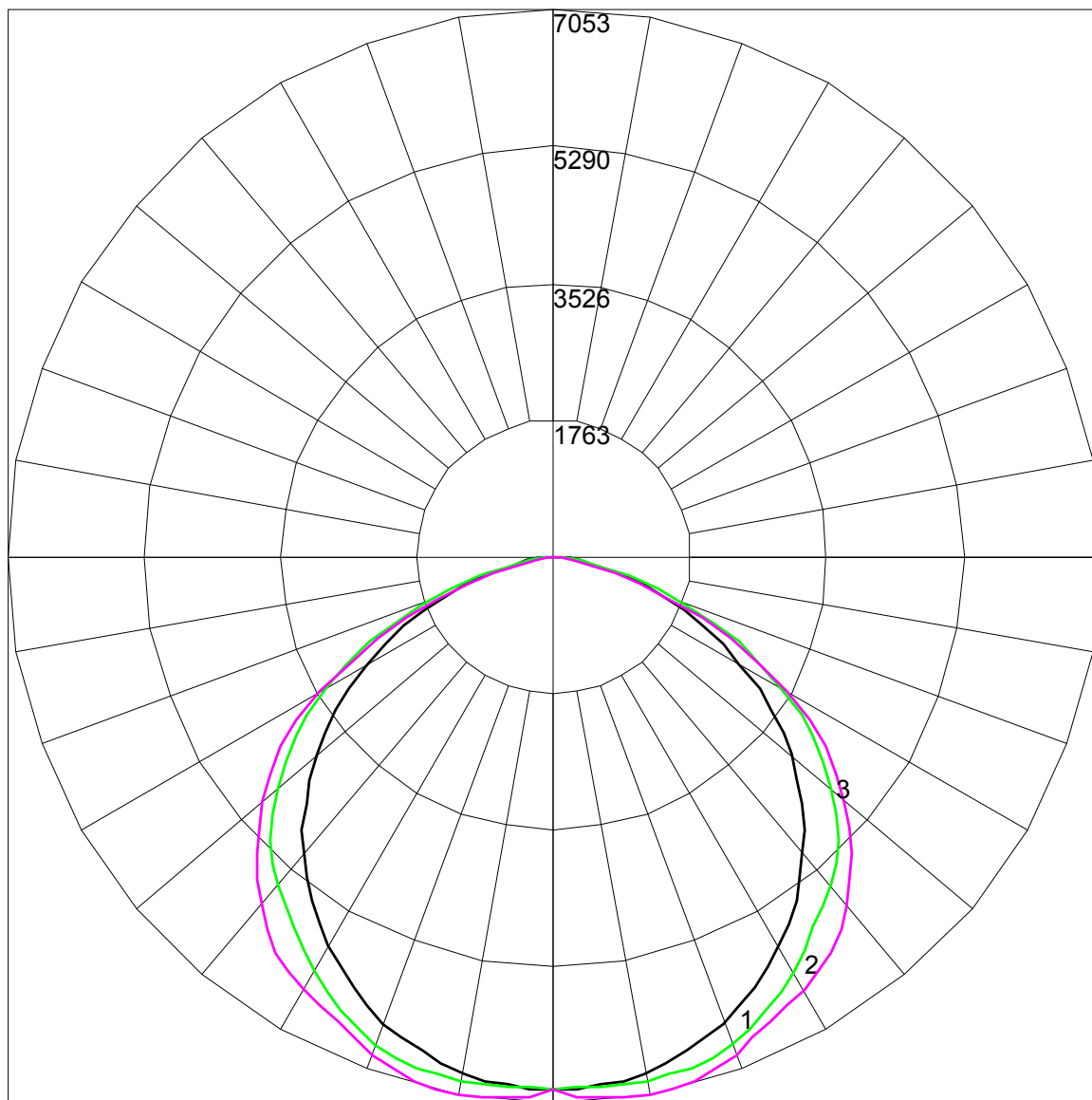
IES INDOOR REPORT
PHOTOMETRIC FILENAME : 390280HO.IES

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	69	69	69	69	67	67	67	67	64	64	64	61	61	61	59	59	59	58
1	63	61	58	56	62	59	57	55	57	55	54	55	53	52	53	52	50	49
2	58	53	49	46	56	52	48	46	50	47	44	48	46	43	46	44	42	41
3	53	47	42	38	51	46	41	38	44	40	37	42	39	37	41	38	36	35
4	48	41	36	32	47	40	36	32	39	35	32	38	34	31	36	33	31	30
5	44	37	32	28	43	36	31	28	35	31	27	34	30	27	33	29	27	26
6	41	33	28	24	40	33	28	24	31	27	24	31	27	24	30	26	23	22
7	38	30	25	21	37	29	25	21	29	24	21	28	24	21	27	23	21	20
8	35	27	22	19	34	27	22	19	26	22	19	25	22	19	25	21	19	17
9	33	25	20	17	32	25	20	17	24	20	17	23	20	17	23	19	17	16
10	31	23	18	15	30	23	18	15	22	18	15	22	18	15	21	18	15	14

POLAR GRAPH



Maximum Candela = 7052.73 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)