



IES INDOOR REPORT
PHOTOMETRIC FILENAME : 380-T5HO-2L-4.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-1995
[TEST] LDPI LIGHTING PHOTOMETRIC REPORT
[LUMINAIRE] PROJECT: 380-T5HO-2L-4 CAST ALUMINUM BALLAST HOUSING AND HUB ASSEMBLIES.
[LUMINAIRE] WHITE POWDER COATED ALUMINUM REFLECTORS. CYLINDRICAL GLASS LAMP ENCLOSURES.
[LUMINAIRE] LAMP TUBES ORIENTED HORIZONTALLY.
[LAMP] F54T5/841/HO 5000 LUMENS

CHARACTERISTICS

Total Rated Lamp Lumens	9800 (2 lamps)
Total Luminaire Efficiency	87.8 %
CIE Type	Direct
Spacing Criteria (0-180)	1.32
Spacing Criteria (90-270)	1.36
Spacing Criteria (Diagonal)	1.46
Basic Luminous Shape	Rectangular w/Sides
Luminous Length (0-180)	4.34 ft
Luminous Width (90-270)	0.74 ft
Luminous Height	0.28 ft

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	7356	6654	6695
55	7024	6041	6526
65	6214	5813	6719
75	4937	5654	6583
85	1624	3361	3684

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 380-T5HO-2L-4.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-30	1984.23	20.2	23.1
0-40	3293.21	33.6	38.3
0-60	6054.64	61.8	70.3
0-90	8608.07	87.8	100
90-120	0	0	0
90-130	0	0	0
90-150	0	0	0
90-180	0	0	0
0-180	8608.07	87.8	100

Total Luminaire Efficiency = 87.8%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	234.49
10-20	685.22
20-30	1064.51
30-40	1308.98
40-50	1401.44
50-60	1360
60-70	1212.03
70-80	934.91
80-90	406.49
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

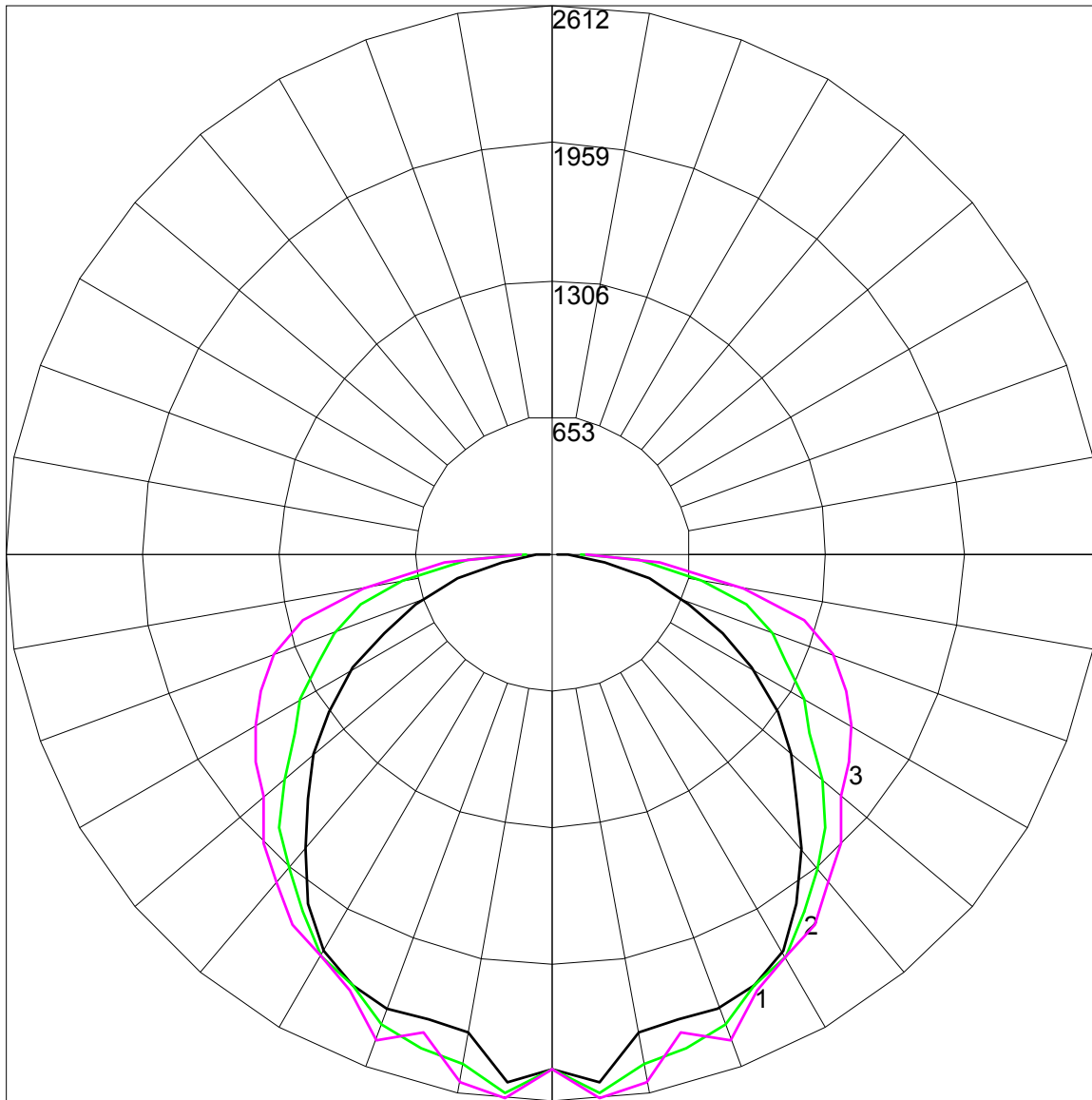
IES INDOOR REPORT
PHOTOMETRIC FILENAME : 380-T5HO-2L-4.IES

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	105	105	105	105	102	102	102	102	98	98	98	93	93	93	90	90	90	88
1	94	89	84	80	91	87	83	79	83	80	76	79	77	74	76	74	72	70
2	84	76	69	64	82	74	68	63	71	66	61	68	64	60	65	62	58	56
3	76	66	58	52	74	65	57	51	62	56	50	59	54	49	57	52	49	46
4	70	58	50	43	67	57	49	43	55	48	42	52	47	42	50	45	41	39
5	64	52	43	37	62	51	43	37	49	42	36	47	41	36	45	40	35	33
6	59	46	38	32	57	45	38	32	44	37	31	42	36	31	41	35	31	29
7	54	42	34	28	53	41	33	28	40	33	28	38	32	27	37	32	27	25
8	51	38	30	25	49	37	30	25	36	29	25	35	29	24	34	28	24	23
9	47	35	27	22	46	34	27	22	33	27	22	32	26	22	31	26	22	20
10	44	32	25	20	43	32	25	20	31	24	20	30	24	20	29	24	20	18

POLAR GRAPH



Maximum Candela = 2612.2 Located At Horizontal Angle = 90, Vertical Angle = 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)