



IES INDOOR REPORT
PHOTOMETRIC FILENAME : 380-T8-4L-4.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-1995
[TEST] LDPI PHOTOMETRIC REPORT
[LUMINAIRE] PROJECT: 380-T8-4L-4 CAST ALUMINUM BALLAST HOUSING AND HUB ASSEMBLIES.
[LUMINAIRE] WHITE POWDER COATED ALUMINUM REFLECTORS. CYLINDRICAL GLASS LAMP ENCLOSURES.
[LUMINAIRE] LAMP TUBES ORIENTED HORIZONTALLY.
[LAMP] F32T8/TL850 2950 LUMENS

CHARACTERISTICS

Total Rated Lamp Lumens	11400 (4 lamps)
Total Luminaire Efficiency	84.5 %
CIE Type	Direct
Spacing Criteria (0-180)	1.42
Spacing Criteria (90-270)	1.48
Spacing Criteria (Diagonal)	1.52
Basic Luminous Shape	Rectangular w/Sides
Luminous Length (0-180)	4.34 ft
Luminous Width (90-270)	1.53 ft
Luminous Height	0.28 ft

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	4120	4029	4250
55	3797	3908	4375
65	3520	3900	4678
75	2734	3865	4609
85	1170	2155	2556

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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-30	2249.54	19.7	23.4
0-40	3736.08	32.8	38.8
0-60	6879.98	60.4	71.4
0-90	9632.88	84.5	100
90-120	0	0	0
90-130	0	0	0
90-150	0	0	0
90-180	0	0	0
0-180	9632.88	84.5	100

Total Luminaire Efficiency = 84.5%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	266.77
10-20	781.68
20-30	1201.09
30-40	1486.54
40-50	1594.41
50-60	1549.49
60-70	1369.14
70-80	1000.1
80-90	383.66
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

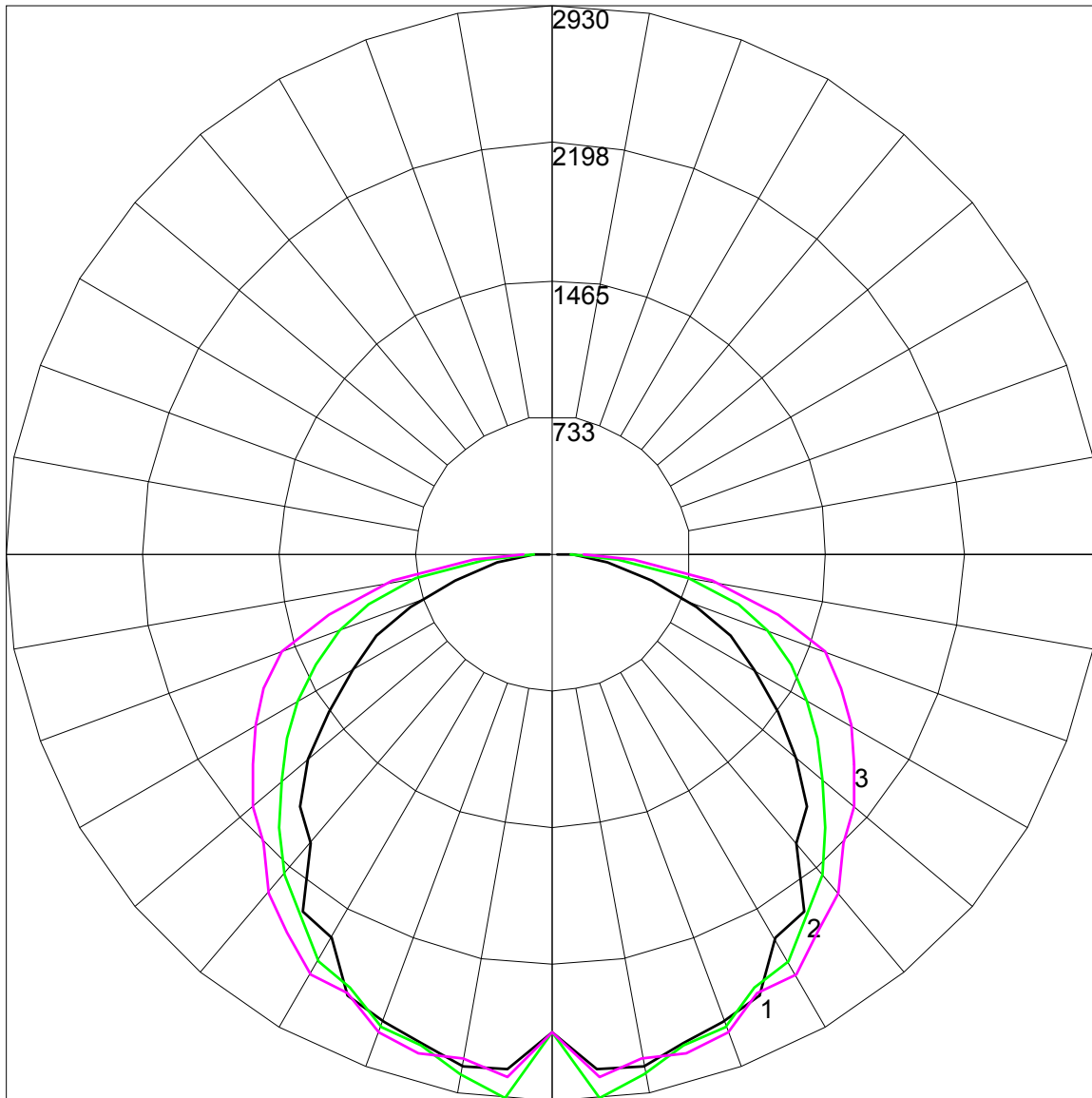
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COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

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	101	101	101	101	98	98	98	98	94	94	94	90	90	90	86	86	86	84
1	90	86	82	78	88	84	80	77	80	77	74	77	74	72	74	72	70	68
2	81	74	67	62	79	72	66	61	69	64	60	66	62	58	63	60	57	55
3	74	64	56	50	72	63	56	50	60	54	49	58	52	48	55	51	47	45
4	67	56	48	42	65	55	48	42	53	46	41	51	45	41	49	44	40	38
5	62	50	42	36	60	49	41	36	47	40	35	45	40	35	44	39	34	33
6	57	45	37	31	55	44	36	31	42	36	31	41	35	30	40	34	30	28
7	53	41	33	27	51	40	32	27	38	32	27	37	31	27	36	31	27	25
8	49	37	29	24	47	36	29	24	35	29	24	34	28	24	33	28	24	22
9	46	34	27	22	44	33	26	22	32	26	22	31	26	21	30	25	21	20
10	43	31	24	20	42	31	24	20	30	24	19	29	23	19	28	23	19	18

POLAR GRAPH



Maximum Candela = 2930.21 Located At Horizontal Angle = 45, 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)