



IES INDOOR REPORT
PHOTOMETRIC FILENAME : 376-T8-6L-8-UNV-A.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-1995
[TEST] 20716
[MANUFAC]LDPI LIGHTING - WET/DAMP LOCATION LUMINAIRE
[LUMCAT]376-T8-6L-8-UNV-A
[LUMINAIRE]WITH WHITE INTERIOR AND PRISMATIC PLASTIC WRAP LENS
[LAMP]SIX PHILIPS 32 WATT T8 LAMPS
[LAMP]F32T8/TL841. LUMEN RATING = 2950 LMS.
[OTHER]TWO ADVANCE ICN-3P32-SC-HAZ BALLASTS OPERATING AT 120 VAC AND 148 WATTS

CHARACTERISTICS

Total Rated Lamp Lumens 17700 (6 lamps)
Total Luminaire Efficiency 59.6 %
CIE Type Direct
Spacing Criteria (0-180) 1.24
Spacing Criteria (90-270) 1.54
Spacing Criteria (Diagonal) 1.52
Basic Luminous Shape Rectangular w/Sides
Luminous Length (0-180) 8.17 ft
Luminous Width (90-270) 0.48 ft
Luminous Height 0.17 ft

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	6734	7235	6754
55	5980	5856	5549
65	4903	4733	5505
75	3066	4531	5435
85	1345	4685	5968

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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-30	2348.68	13.3	22.3
0-40	3971.57	22.4	37.7
0-60	7131.68	40.3	67.6
0-90	9762.86	55.2	92.6
90-120	746.79	4.2	7.1
90-130	779.38	4.4	7.4
90-150	781.86	4.4	7.4
90-180	781.86	4.4	7.4
0-180	10544.72	59.6	100

Total Luminaire Efficiency = 59.6%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	273.75
10-20	807.4
20-30	1267.53
30-40	1622.89
40-50	1685.6
50-60	1474.51
60-70	1163.61
70-80	857.64
80-90	609.94
90-100	417.63
100-110	230.71
110-120	98.44
120-130	32.59
130-140	2.48
140-150	0
150-160	0
160-170	0
170-180	0

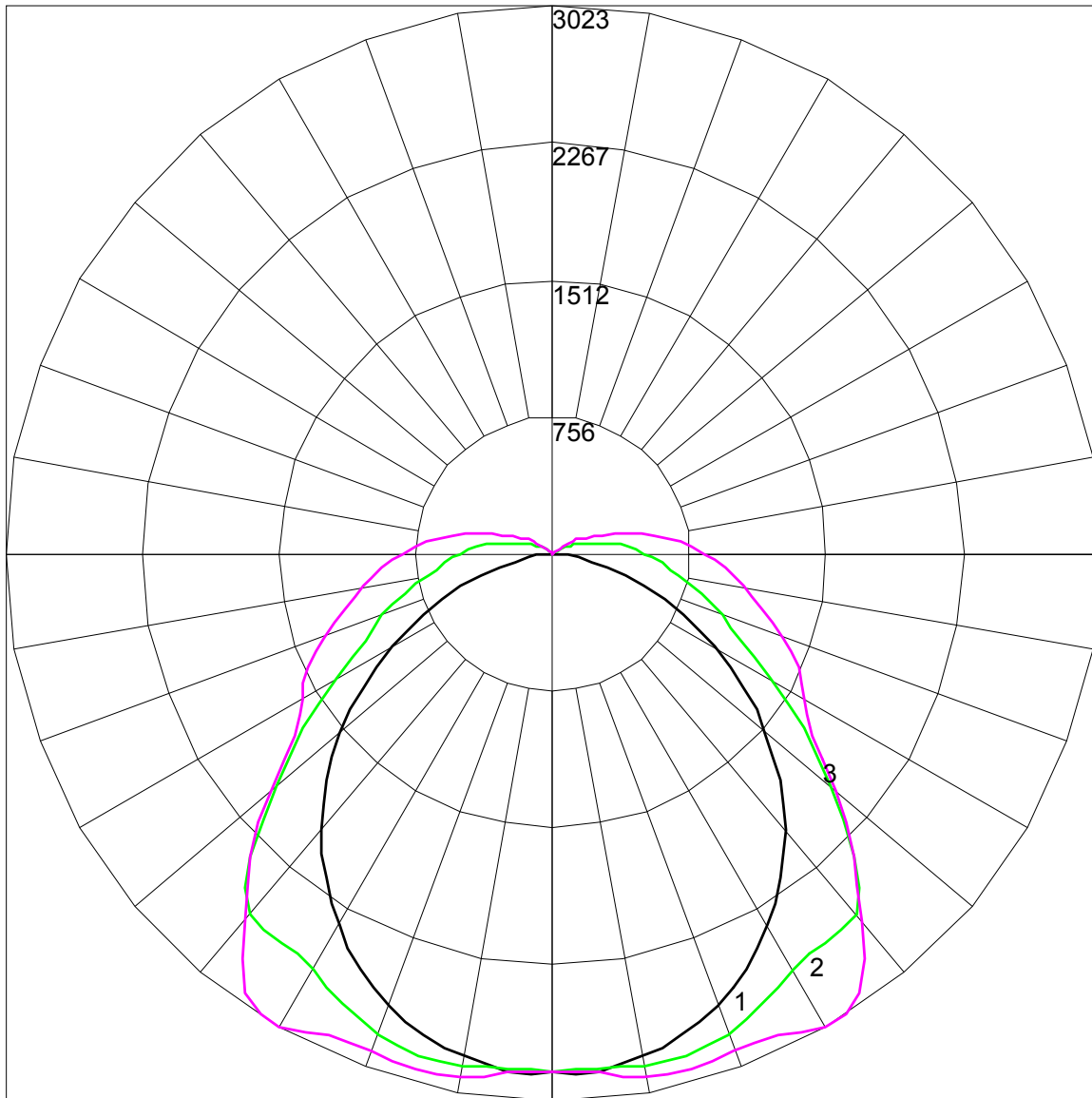
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COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

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	70	70	70	70	68	68	68	68	64	64	64	60	60	60	57	57	57	55
1	63	59	56	54	61	58	55	52	54	52	50	51	49	48	48	47	45	44
2	57	51	47	43	55	50	46	42	47	44	41	44	41	39	42	40	38	36
3	52	45	40	36	50	44	39	35	41	37	34	39	35	33	37	34	31	30
4	47	40	34	30	45	38	33	29	36	32	29	34	31	28	33	29	27	25
5	43	35	30	26	42	34	29	25	33	28	25	31	27	24	29	26	23	22
6	40	32	26	22	38	31	26	22	29	25	21	28	24	21	27	23	20	19
7	37	29	23	20	36	28	23	19	27	22	19	25	21	18	24	21	18	17
8	34	26	21	17	33	25	21	17	24	20	17	23	19	16	22	19	16	15
9	32	24	19	16	31	23	19	15	22	18	15	21	18	15	20	17	14	13
10	30	22	17	14	29	22	17	14	21	16	14	20	16	13	19	16	13	12

POLAR GRAPH



Maximum Candela = 3023.3 Located At Horizontal Angle = 90, Vertical Angle = 30

- # 1 - Vertical Plane Through Horizontal Angles (0 - 180)
- # 2 - Vertical Plane Through Horizontal Angles (45 - 225)
- # 3 - Vertical Plane Through Horizontal Angles (90 - 270)