



IES INDOOR REPORT
PHOTOMETRIC FILENAME : 380-T8-2L-4-UNV.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-1995
[TEST] 20717
[MANUFAC]LDPI LIGHTING - EXPLOSION PROOF LUMINAIRE
[LUMCAT]380-T8-2L-4-UNV
[LUMINAIRE]WITH WHITE REFLECTOR AND CLEAR GLASS TUBE LENS
[LAMP]TWO PHILIPS 32 WATT T8 LAMPS
[LAMPCAT]F32T8/TL841. LUMEN RATING = 2950 LMS.
[OTHER]ONE ADVANCE ICN-2P32-SC-HAZ BALLAST OPERATING AT 120 VAC AND 56 WATTS

CHARACTERISTICS

Total Rated Lamp Lumens	5900 (2 lamps)
Total Luminaire Efficiency	73.5 %
CIE Type	Direct
Spacing Criteria (0-180)	1.26
Spacing Criteria (90-270)	1.38
Spacing Criteria (Diagonal)	1.46
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	4.00 ft
Luminous Width (90-270)	0.69 ft
Luminous Height	0.00 ft

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	4612	5161	5805
55	4332	5447	6540
65	3854	6044	7690
75	2945	7128	8179
85	1149	5383	7010

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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-30	1009.75	17.1	23.3
0-40	1678.75	28.5	38.7
0-60	3122.56	52.9	72
0-90	4322.28	73.3	99.6
90-120	17.16	.3	.4
90-130	17.16	.3	.4
90-150	17.16	.3	.4
90-180	17.16	.3	.4
0-180	4339.44	73.5	100

Total Luminaire Efficiency = 73.5%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	120.75
10-20	349.2
20-30	539.79
30-40	669
40-50	727.75
50-60	716.06
60-70	630.34
70-80	433.15
80-90	136.24
90-100	16.67
100-110	.49
110-120	0
120-130	0
130-140	0
140-150	0
150-160	0
160-170	0
170-180	0

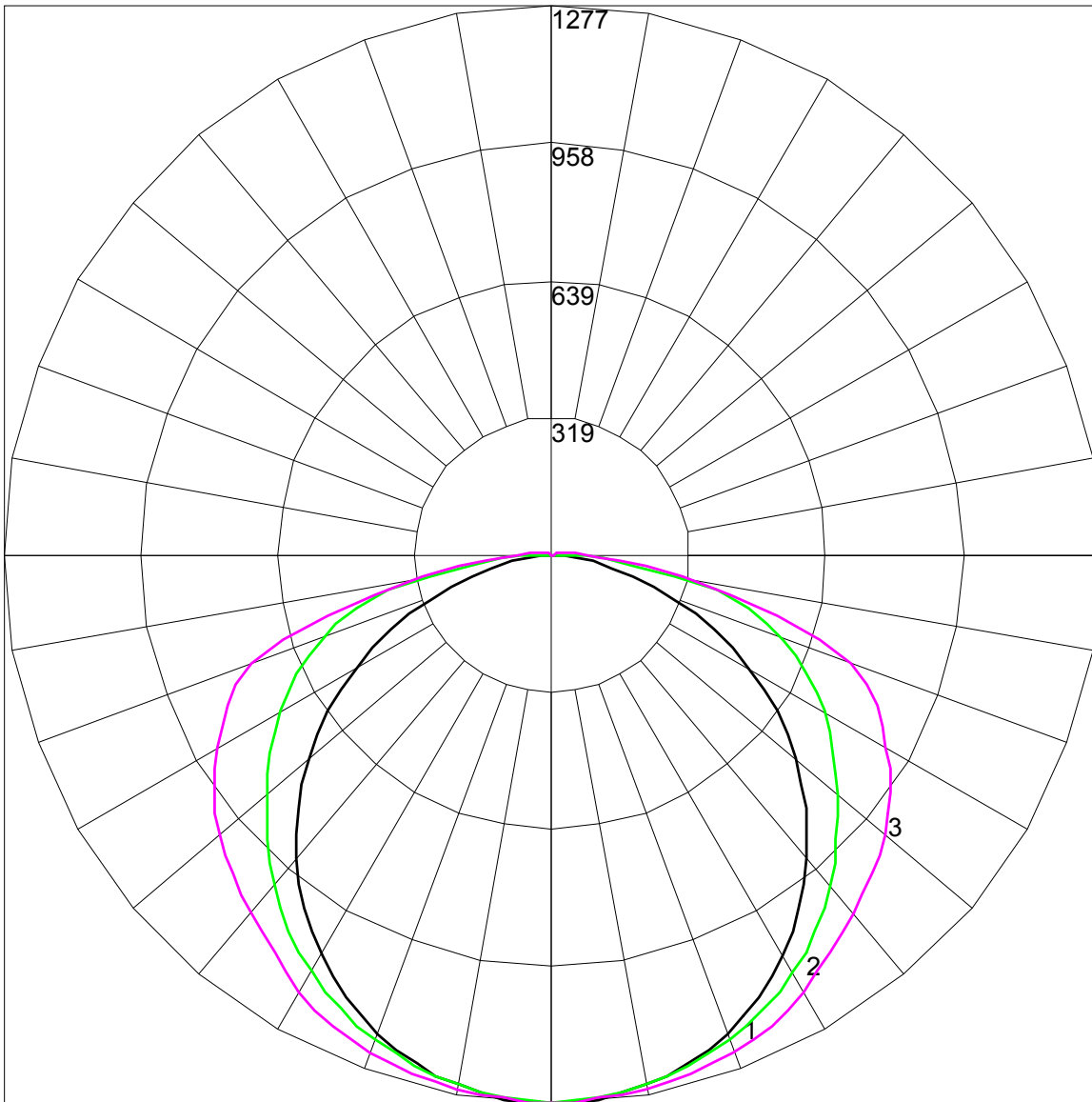
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COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

Effective Floor Cavity Reflectance 0.20

RC	80				70				50			30			10			0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
0	87	87	87	87	85	85	85	85	82	82	82	78	78	78	75	75	75	73
1	79	75	71	68	77	73	70	67	70	67	65	67	65	63	64	63	61	59
2	71	64	59	54	69	63	58	54	60	56	52	58	54	51	55	52	50	48
3	64	56	49	44	62	55	49	44	52	47	43	50	46	42	48	45	41	40
4	59	49	42	37	57	48	42	37	46	41	36	44	40	36	43	39	35	33
5	54	44	37	31	52	43	36	31	41	35	31	40	35	31	38	34	30	28
6	49	39	32	27	48	38	32	27	37	31	27	36	31	27	34	30	26	25
7	46	35	29	24	44	35	28	24	34	28	24	32	27	23	31	27	23	22
8	43	32	26	21	41	32	25	21	31	25	21	30	25	21	29	24	21	19
9	40	29	23	19	39	29	23	19	28	23	19	27	22	19	26	22	19	17
10	37	27	21	17	36	27	21	17	26	21	17	25	20	17	25	20	17	15

POLAR GRAPH



Maximum Candela = 1277.2 Located At Horizontal Angle = 0, Vertical Angle = 2.5

1 - Vertical Plane Through Horizontal Angles (0 - 180)

2 - Vertical Plane Through Horizontal Angles (45 - 225)

3 - Vertical Plane Through Horizontal Angles (90 - 270)