



IES INDOOR REPORT
PHOTOMETRIC FILENAME : 376-T8-4L-8-UNV-A.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-1995
[TEST] 20715
[MANUFAC]LDPI LIGHTING - WET/DAMP LOCATION LUMINAIRE
[LUMCAT]376-T8-4L-8-UNV-A
[LUMINAIRE]WITH WHITE INTERIOR AND PRISMATIC PLASTIC WRAP LENS
[LAMP]FOUR PHILIPS 32 WATT T8 LAMPS
[LAMPCAT]F32T8/TL841. LUMEN RATING = 2950 LMS.
[OTHER]ONE ADVANCE ICN-4P32-SC BALLAST OPERATING AT 120 VAC AND 99 WATTS

CHARACTERISTICS

Total Rated Lamp Lumens 11800 (4 lamps)
Total Luminaire Efficiency 66.3 %
CIE Type Direct
Spacing Criteria (0-180) 1.24
Spacing Criteria (90-270) 1.66
Spacing Criteria (Diagonal) 1.62
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	4230	5059	5428
55	3863	4958	4923
65	3291	4189	4630
75	2368	3943	4698
85	1118	3855	4827

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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-30	1530.28	13	19.6
0-40	2609.93	22.1	33.4
0-60	4987.24	42.3	63.7
0-90	7197.58	61	92
90-120	601.09	5.1	7.7
90-130	623.62	5.3	8
90-150	625.64	5.3	8
90-180	625.64	5.3	8
0-180	7823.22	66.3	100

Total Luminaire Efficiency = 66.3%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	172.79
10-20	520.06
20-30	837.43
30-40	1079.66
40-50	1213.38
50-60	1163.93
60-70	970.45
70-80	737.92
80-90	501.97
90-100	331.61
100-110	192.21
110-120	77.27
120-130	22.53
130-140	2.02
140-150	0
150-160	0
160-170	0
170-180	0

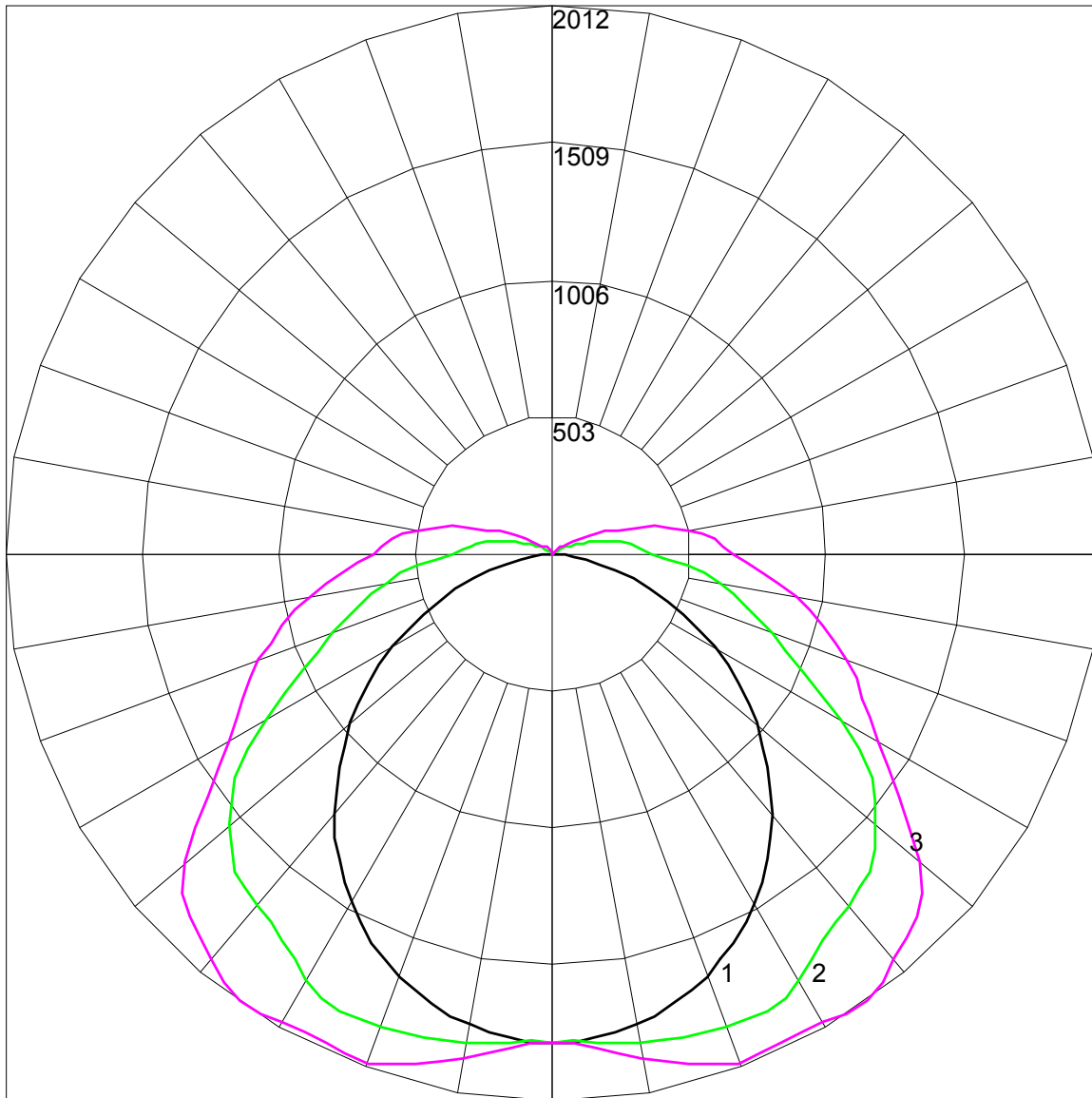
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COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

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	78	78	78	78	75	75	75	75	71	71	71	67	67	67	63	63	63	61
1	69	65	62	59	67	63	60	57	59	57	54	56	54	52	53	51	49	48
2	62	56	51	46	60	54	50	46	51	47	44	48	45	42	45	42	40	38
3	56	49	43	38	54	47	42	37	44	40	36	42	38	34	39	36	33	31
4	51	43	36	32	49	41	36	31	39	34	30	37	32	29	35	31	28	26
5	47	38	31	27	45	37	31	26	35	30	26	33	28	25	31	27	24	22
6	43	34	28	23	42	33	27	23	31	26	22	30	25	22	28	24	21	19
7	40	31	24	20	38	30	24	20	28	23	19	27	22	19	25	21	18	17
8	37	28	22	18	36	27	21	18	26	21	17	24	20	17	23	19	16	15
9	35	25	20	16	33	25	19	16	24	19	15	22	18	15	21	17	15	13
10	32	23	18	14	31	23	18	14	22	17	14	21	16	13	20	16	13	12

POLAR GRAPH



Maximum Candela = 2011.6 Located At Horizontal Angle = 90, Vertical Angle = 35

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