



**IES INDOOR REPORT
PHOTOMETRIC FILENAME : 376-T8-2L-4-UNV-PD.IES**

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-1995
[TEST] 20712
[MANUFAC]LDPI LIGHTING - WET/DAMP LOCATION LUMINAIRE
[LUMCAT]376-T8-2L-4-UNV-PD
[LUMINAIRE]WITH WHITE INTERIOR AND PRISMATIC PLASTIC WRAP 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 54 WATTS

CHARACTERISTICS

Total Rated Lamp Lumens 5900 (2 lamps)
Total Luminaire Efficiency 73.3 %
CIE Type Direct
Spacing Criteria (0-180) 1.22
Spacing Criteria (90-270) 1.36
Spacing Criteria (Diagonal) 1.46
Basic Luminous Shape Rectangular w/Sides
Luminous Length (0-180) 4.17 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	4178	4933	5144
55	3199	5149	5335
65	2737	5192	5182
75	2016	5018	5394
85	1287	4654	4356

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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-30	850.17	14.4	19.7
0-40	1405.7	23.8	32.5
0-60	2645.7	44.8	61.2
0-90	3965.45	67.2	91.7
90-120	316.17	5.4	7.3
90-130	343.37	5.8	7.9
90-150	356.72	6	7.9
90-180	356.81	6	8.3
0-180	4322.26	73.3	100

Total Luminaire Efficiency = 73.3%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	106.33
10-20	298.89
20-30	444.95
30-40	555.53
40-50	613.65
50-60	626.34
60-70	567.96
70-80	458.16
80-90	293.63
90-100	170.1
100-110	94
110-120	52.06
120-130	27.2
130-140	11.05
140-150	2.3
150-160	.09
160-170	0
170-180	0

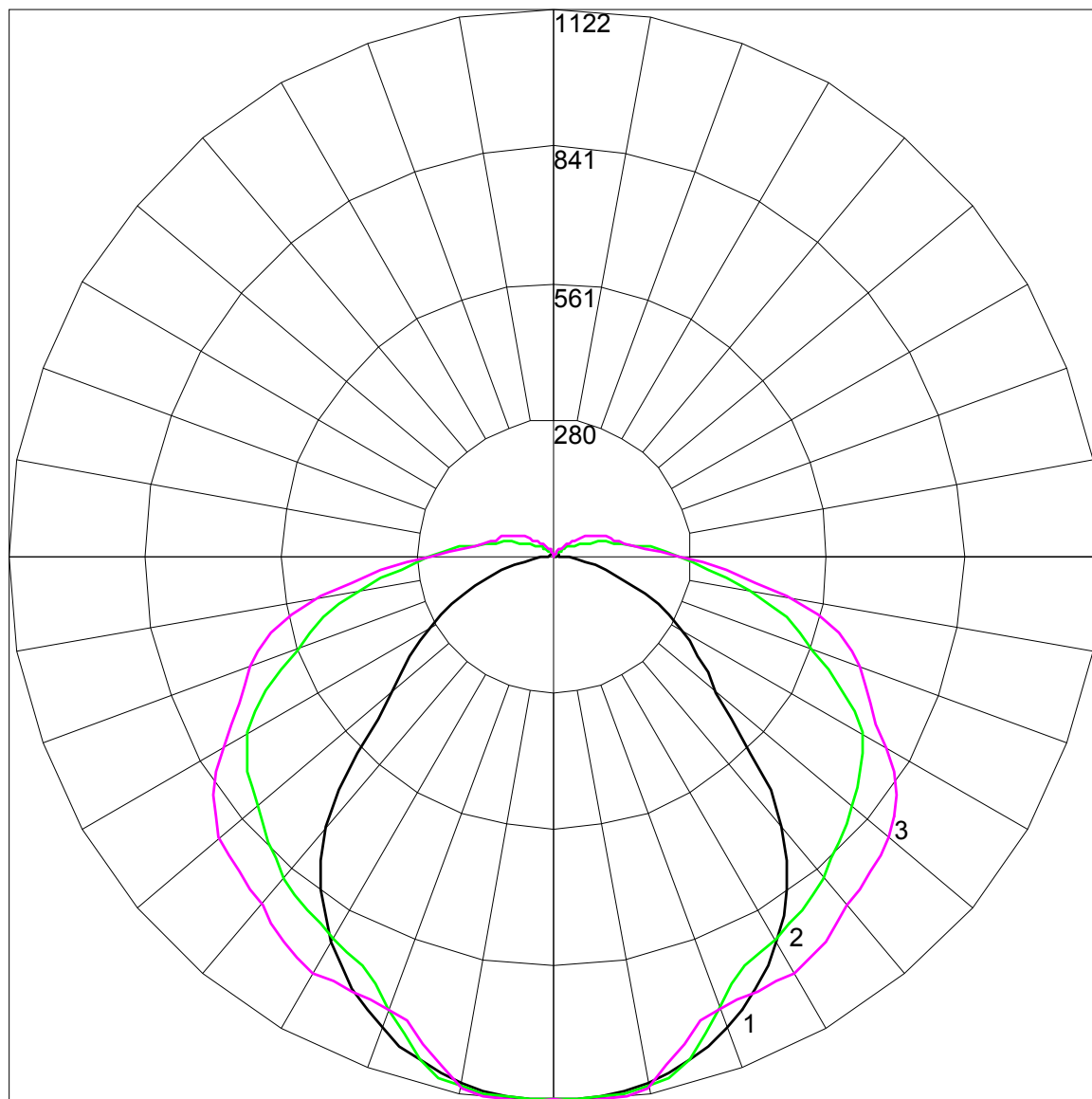
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COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

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	86	86	86	86	83	83	83	83	78	78	78	73	73	73	69	69	69	67
1	76	72	68	64	73	69	66	63	65	62	60	61	59	57	58	56	54	52
2	68	61	55	51	66	59	54	49	56	51	47	52	49	45	49	46	43	41
3	62	53	46	41	59	51	45	40	48	43	39	45	41	37	43	39	36	34
4	56	47	40	34	54	45	39	34	43	37	32	40	35	31	38	34	30	28
5	52	41	34	29	49	40	34	29	38	32	28	36	31	27	34	29	26	24
6	47	37	30	25	46	36	29	25	34	28	24	32	27	23	30	26	23	21
7	44	33	27	22	42	33	26	22	31	25	21	29	24	20	28	23	20	18
8	41	30	24	19	39	30	23	19	28	23	19	27	22	18	25	21	18	16
9	38	28	22	17	37	27	21	17	26	20	17	25	20	16	23	19	16	14
10	36	26	20	16	34	25	19	15	24	19	15	23	18	15	22	17	14	13

POLAR GRAPH



Maximum Candela = 1121.8 Located At Horizontal Angle = 90, 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)