



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

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-1995
 [TEST] 20711
 [MANUFAC]LDPI LIGHTING - WET/DAMP LOCATION LUMINAIRE
 [LUMCAT]376-T8-2L-4-UNV-PR
 [LUMINAIRE]WITH WHITE INTERIOR AND RIBBED PLASTIC WRAP LENS
 [LAMP]TWO PHILIPS 32 WATT T8 LAMPS
 [LAMP]F32T8/TL841. LUMEN RATING = 2950 LMS.
 [OTHER]ONE ADVANCE ICN-2P32-SC-HAZ BALLAST OPERATING AT 120 VAC AND 53 WATTS

CHARACTERISTICS

Total Rated Lamp Lumens	5900 (2 lamps)
Total Luminaire Efficiency	65.5 %
CIE Type	Direct
Spacing Criteria (0-180)	1.26
Spacing Criteria (90-270)	1.68
Spacing Criteria (Diagonal)	1.62
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	4117	4986	4939
55	3661	4279	4250
65	3037	3556	4274
75	1957	3482	4562
85	896	3848	5285

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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-30	765.65	13	19.8
0-40	1316.65	22.3	34.1
0-60	2454.49	41.6	63.5
0-90	3516.16	59.6	91
90-120	335.24	5.7	8.7
90-130	348.55	5.9	9
90-150	349.58	5.9	9
90-180	349.58	5.9	9
0-180	3865.74	65.5	100

Total Luminaire Efficiency = 65.5%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	86.32
10-20	259.41
20-30	419.92
30-40	551
40-50	597.88
50-60	539.96
60-70	444.2
70-80	349.62
80-90	267.85
90-100	189.08
100-110	103.78
110-120	42.37
120-130	13.31
130-140	1.03
140-150	0
150-160	0
160-170	0
170-180	0

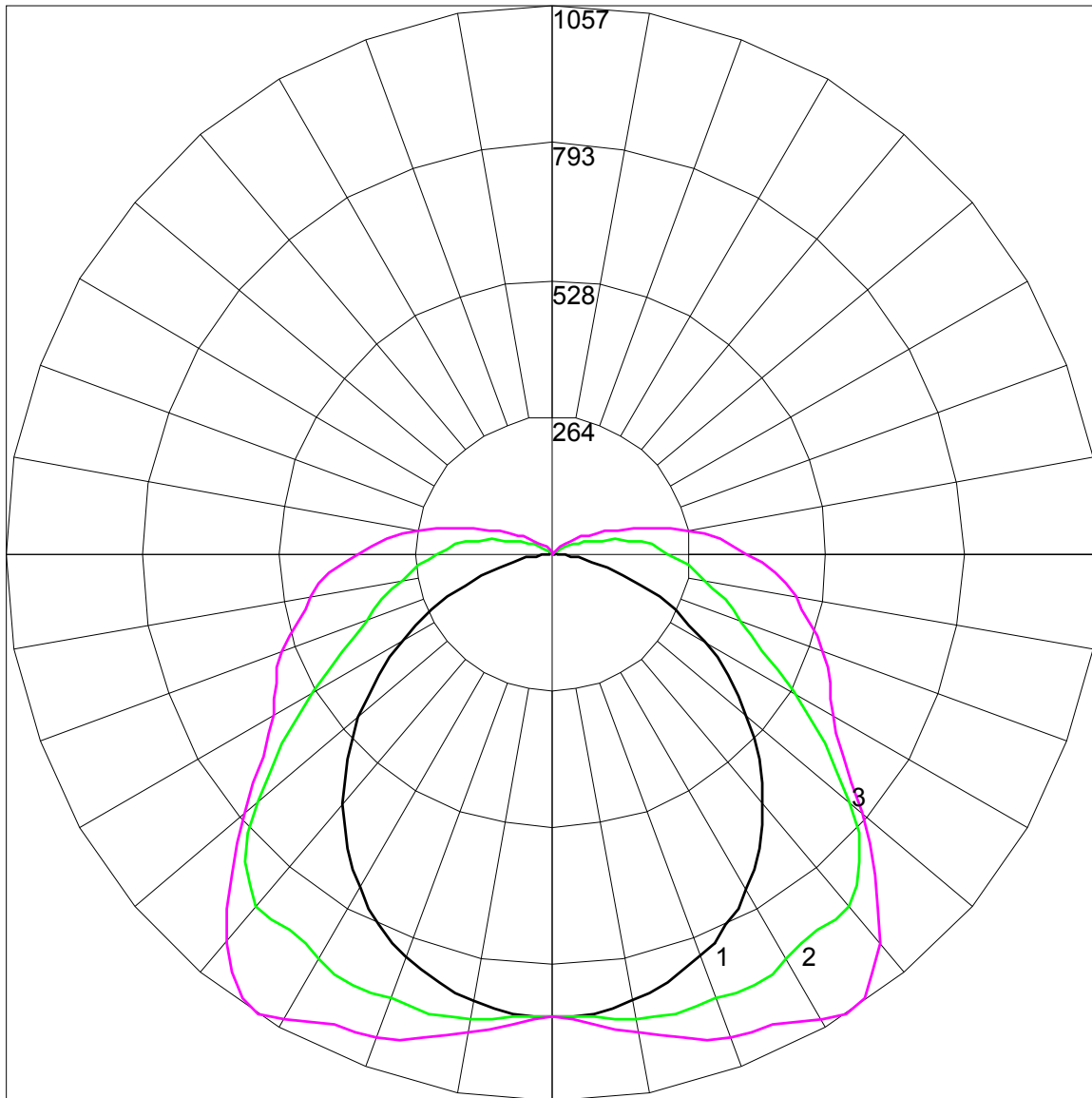
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COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

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	77	77	77	77	74	74	74	74	70	70	70	65	65	65	61	61	61	60
1	68	64	61	58	66	62	59	56	58	56	53	55	53	51	51	50	48	46
2	61	55	50	46	59	54	49	45	50	46	43	47	44	41	44	42	39	37
3	56	48	42	38	53	47	41	37	44	39	35	41	37	34	39	35	33	31
4	51	42	36	31	49	41	35	31	39	34	30	36	32	29	34	31	28	26
5	47	38	31	27	45	36	31	26	34	29	25	32	28	25	31	27	24	22
6	43	34	28	23	41	33	27	23	31	26	22	29	25	21	28	24	21	19
7	40	30	24	20	38	30	24	20	28	23	19	27	22	19	25	21	18	17
8	37	28	22	18	35	27	21	18	26	21	17	24	20	17	23	19	16	15
9	34	25	20	16	33	25	19	16	23	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 = 1056.8 Located At Horizontal Angle = 90, Vertical Angle = 32.5

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