



IES INDOOR REPORT
PHOTOMETRIC FILENAME : 376-T8-3L-4-UNV-A.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-1995
[TEST] 20713
[MANUFAC]LDPI LIGHTING - WET/DAMP LOCATION LUMINAIRE
[LUMCAT]376-T8-3L-4-UNV-PR
[LUMINAIRE]WITH WHITE INTERIOR AND RIBBED PLASTIC WRAP LENS
[LAMP]THREE PHILIPS 32 WATT T8 LAMPS
[LAMPCAT]F32T8/TL841. LUMEN RATING = 2950 LMS.
[OTHER]ONE ADVANCE ICN-3P32-SC-HAZ BALLAST OPERATING AT 120 VAC AND 74 WATTS

CHARACTERISTICS

Total Rated Lamp Lumens 8850 (3 lamps)
Total Luminaire Efficiency 60 %
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) 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	6499	7033	6638
55	5735	5680	5460
65	4659	4580	5421
75	2881	4365	5359
85	1278	4470	5893

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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-30	1177.63	13.3	22.2
0-40	1991.52	22.5	37.5
0-60	3578.1	40.4	67.4
0-90	4905.96	55.4	92.4
90-120	384.66	4.3	7.2
90-130	402.84	4.6	7.6
90-150	404.67	4.6	7.6
90-180	404.67	4.6	7.6
0-180	5310.63	60	100

Total Luminaire Efficiency = 60%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	137.25
10-20	404.81
20-30	635.57
30-40	813.89
40-50	845.82
50-60	740.77
60-70	585.67
70-80	432.96
80-90	309.23
90-100	213.08
100-110	119.44
110-120	52.13
120-130	18.18
130-140	1.83
140-150	0
150-160	0
160-170	0
170-180	0

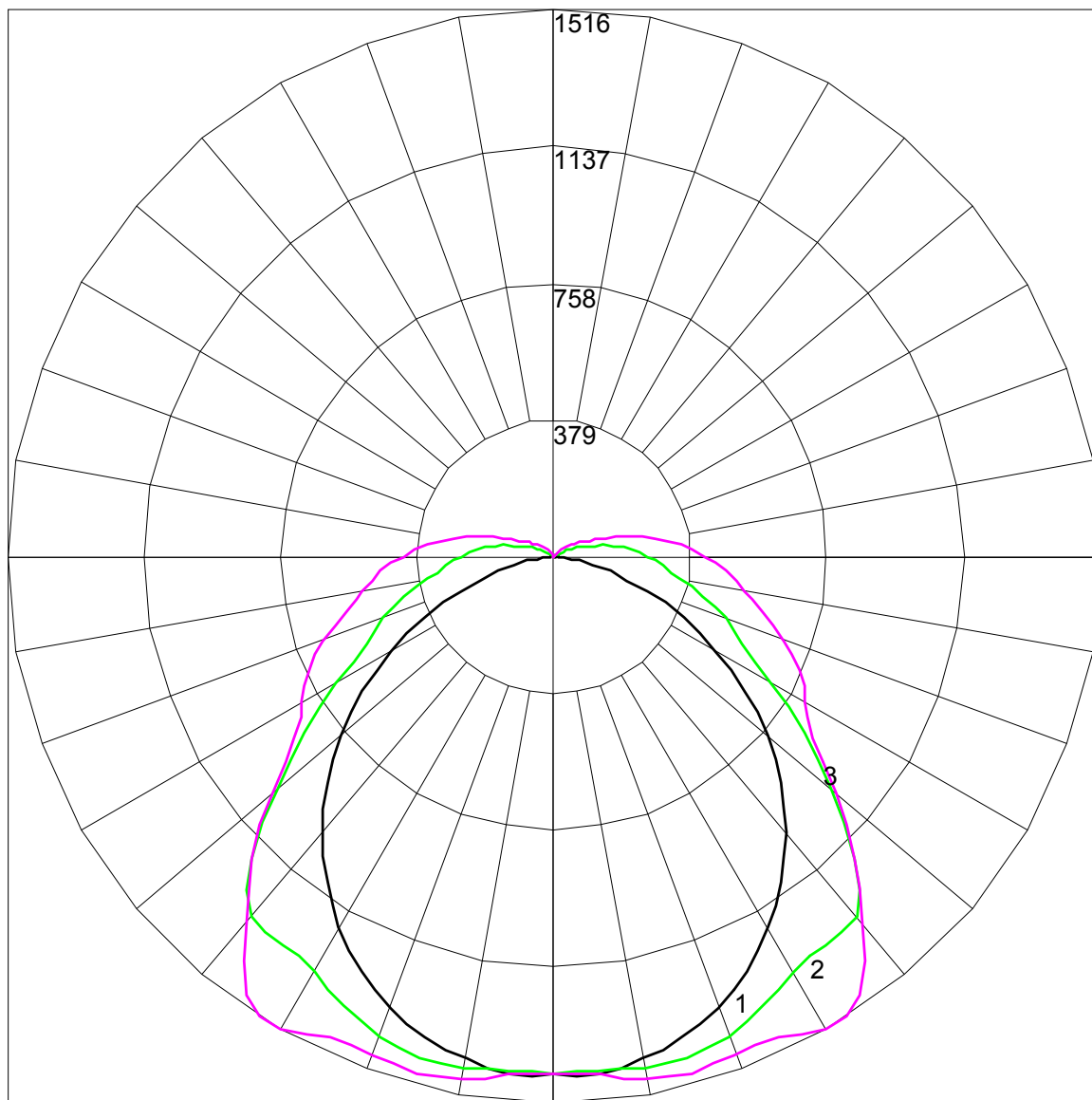
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COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

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	60	57	54	61	58	55	53	55	52	50	51	50	48	48	47	46	44
2	57	52	47	43	55	50	46	43	47	44	41	44	42	39	42	40	38	36
3	52	45	40	36	50	44	39	35	41	37	34	39	36	33	37	34	32	30
4	47	40	34	30	46	39	34	30	37	32	29	35	31	28	33	30	27	25
5	43	35	30	26	42	35	29	25	33	28	25	31	27	24	29	26	23	22
6	40	32	26	22	39	31	26	22	29	25	22	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	35	26	21	17	33	26	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	21	17	14	13
10	30	22	17	14	29	22	17	14	21	17	14	20	16	13	19	16	13	12

POLAR GRAPH



Maximum Candela = 1515.5 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)