



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

**DESCRIPTION INFORMATION (From Photometric File)**

IESNA:LM-63-1995  
[TEST] 20714  
[MANUFAC]LDPI LIGHTING - WET/DAMP LOCATION LUMINAIRE  
[LUMCAT]376-T8-3L-4-UNV-PD  
[LUMINAIRE]WITH WHITE INTERIOR AND PRISMATIC PLASTIC WRAP LENS  
[LAMP]THREE PHILIPS 32 WATT T8 LAMPS  
[LAMP]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	64.6 %
CIE Type	Direct
Spacing Criteria (0-180)	1.22
Spacing Criteria (90-270)	1.28
Spacing Criteria (Diagonal)	1.40
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	5923	6862	7037
55	4543	6756	6854
65	3845	6591	6664
75	2807	6185	6116
85	1749	5097	4565

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**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-30	1237.94	14	21.6
0-40	2027.49	22.9	35.4
0-60	3712.58	42	64.9
0-90	5313.44	60	92.9
90-120	353.7	4	6.2
90-130	389.93	4.4	6.8
90-150	407.27	4.6	6.8
90-180	407.33	4.6	7.1
0-180	5720.77	64.6	100

Total Luminaire Efficiency = 64.6%

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	158.17
10-20	437.29
20-30	642.48
30-40	789.55
40-50	852.39
50-60	832.7
60-70	732.32
70-80	547.22
80-90	321.32
90-100	182.59
100-110	106.61
110-120	64.49
120-130	36.23
130-140	14.28
140-150	3.06
150-160	.06
160-170	0
170-180	0

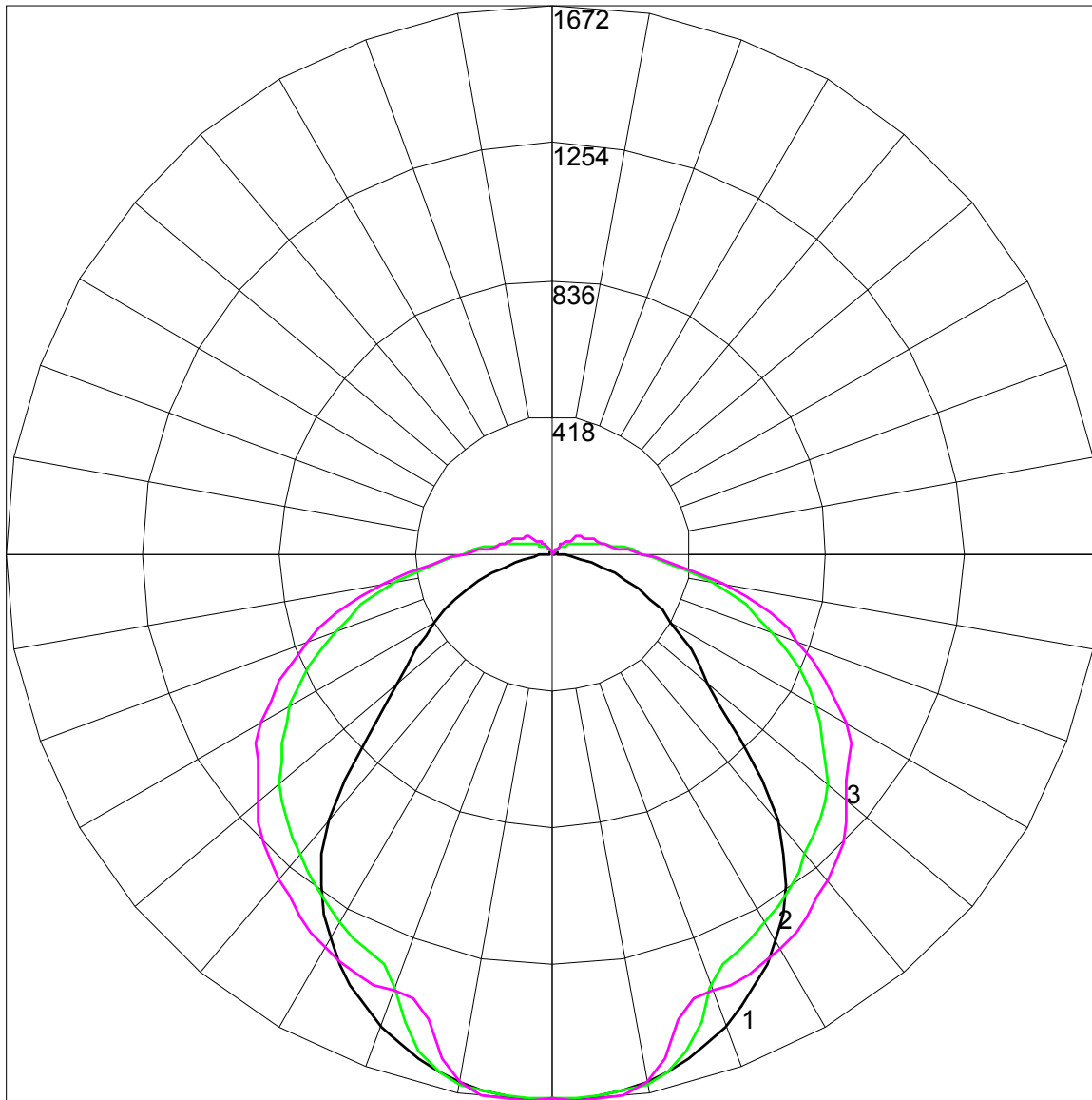
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**COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD**

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	76	76	76	76	74	74	74	74	69	69	69	65	65	65	62	62	62	60
1	68	64	61	58	66	62	59	57	59	56	54	55	53	51	52	51	49	47
2	61	55	50	46	59	53	49	45	50	47	43	47	44	42	45	42	40	38
3	55	48	42	38	53	47	41	37	44	39	36	41	38	34	39	36	33	32
4	50	42	36	31	49	41	35	31	39	34	30	37	32	29	35	31	28	27
5	46	38	31	27	45	36	31	26	35	30	26	33	28	25	31	27	24	23
6	43	34	28	23	41	33	27	23	31	26	22	30	25	22	28	24	21	20
7	40	30	25	20	38	30	24	20	28	23	20	27	23	19	26	22	19	17
8	37	28	22	18	35	27	22	18	26	21	18	25	20	17	24	20	17	15
9	34	25	20	16	33	25	20	16	24	19	16	23	18	15	22	18	15	14
10	32	23	18	15	31	23	18	15	22	17	14	21	17	14	20	16	14	13

POLAR GRAPH



Maximum Candela = 1671.8 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)