



**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 376-T5HO-2L-4-UNV-PD-HB.IES**

**DESCRIPTION INFORMATION (From Photometric File)**

IESNA:LM-63-1995  
[TEST] 21561  
[MANUFAC]LDPI LIGHTING - WET/DAMP LOCATION LUMINAIRE  
[LUMCAT]376-T5HO-2L-4-UNV-PD-HB  
[LUMINAIRE]WITH SPECULAR REFLECTOR AND DIMPLED POLYCARBONATE WRAP LENS  
[LAMP]TWO PHILIPS 54 WATT T5 LAMPS  
[LAMPCAT]F54T5/841HO. LUMEN RATING = 4500 LMS.  
[OTHER]ONE ADVANCE ICN-2S54 BALLAST OPERATING AT 120 VAC AND 96 WATTS

**CHARACTERISTICS**

Total Rated Lamp Lumens	9000 (2 lamps)
Total Luminaire Efficiency	58.6 %
CIE Type	Direct
Spacing Criteria (0-180)	1.28
Spacing Criteria (90-270)	1.74
Spacing Criteria (Diagonal)	1.72
Basic Luminous Shape	Rectangular w/Sides
Luminous Length (0-180)	4.17 ft
Luminous Width (90-270)	0.50 ft
Luminous Height	0.17 ft

**LUMINANCE DATA (cd/sq.m)**

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	4325	6573	7258
55	3178	6967	6868
65	2780	6591	6884
75	2027	6289	5942
85	1381	5935	4939

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**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-30	973.59	10.8	18.5
0-40	1664.8	18.5	31.6
0-60	3308.25	36.8	62.8
0-90	4961.47	55.1	94.1
90-120	263.69	2.9	5
90-130	293.29	3.3	5.6
90-150	308.6	3.4	5.6
90-180	308.62	3.4	5.9
0-180	5270.1	58.6	100

Total Luminaire Efficiency = 58.6%

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	116.38
10-20	337.5
20-30	519.71
30-40	691.22
40-50	817.18
50-60	826.27
60-70	738.5
70-80	563.72
80-90	351
90-100	147.2
100-110	63.68
110-120	52.8
120-130	29.6
130-140	12.57
140-150	2.73
150-160	.03
160-170	0
170-180	0

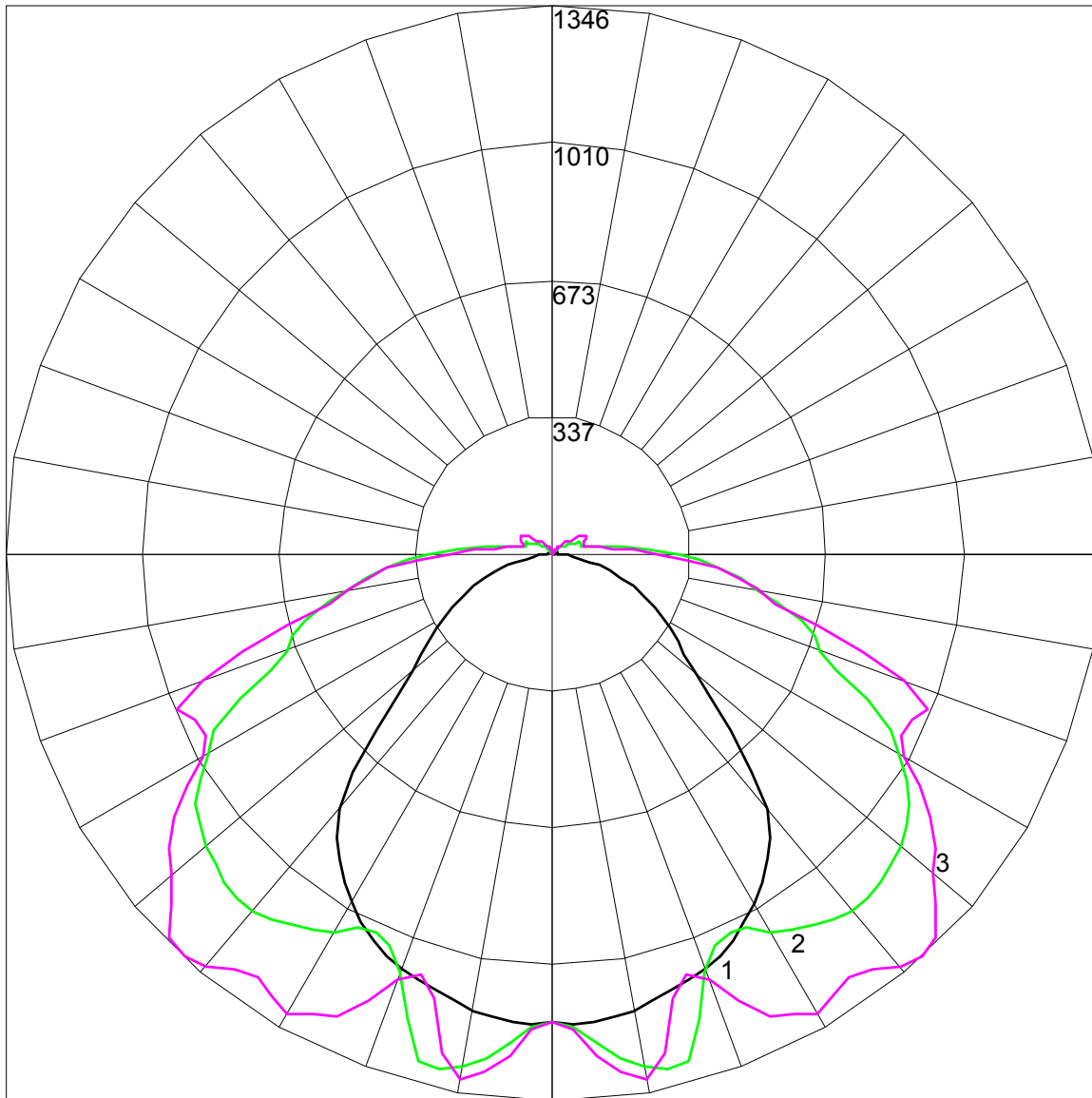
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**COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD**

Effective Floor Cavity Reflectance 0.20

RC	80				70				50			30			10			0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
0	69	69	69	69	67	67	67	67	63	63	63	60	60	60	57	57	57	55
1	61	58	54	52	59	56	53	50	53	50	48	50	48	46	47	46	44	43
2	55	49	44	40	53	48	43	40	45	41	38	42	39	37	40	38	35	34
3	49	42	37	33	48	41	36	32	39	35	31	37	33	30	35	32	29	28
4	45	37	31	27	43	36	31	27	34	29	26	32	28	25	31	27	24	23
5	41	33	27	23	40	32	27	22	30	26	22	29	25	21	27	24	21	19
6	38	29	24	20	36	29	23	19	27	22	19	26	22	18	24	21	18	17
7	35	26	21	17	34	26	21	17	24	20	16	23	19	16	22	19	16	14
8	32	24	19	15	31	23	18	15	22	18	15	21	17	14	20	17	14	13
9	30	22	17	13	29	21	17	13	20	16	13	20	16	13	19	15	12	11
10	28	20	15	12	27	20	15	12	19	15	12	18	14	11	17	14	11	10

POLAR GRAPH



Maximum Candela = 1346.2 Located At Horizontal Angle = 90, Vertical Angle = 42.5

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