



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

**DESCRIPTION INFORMATION (From Photometric File)**

IESNA:LM-63-1995  
 [TEST] 21562  
 [MANUFAC]LDPI LIGHTING - WET/DAMP LOCATION LUMINAIRE  
 [LUMCAT]376-T5HO-2L-4-UNV-A-HB  
 [LUMINAIRE]WITH SPECULAR REFLECTOR AND RIBBED ACRYLIC 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	61.1 %
CIE Type	Direct
Spacing Criteria (0-180)	1.24
Spacing Criteria (90-270)	2.06
Spacing Criteria (Diagonal)	1.88
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	4569	7564	8434
55	4241	7306	7071
65	3667	5992	6529
75	2686	5442	6534
85	1510	4895	5926

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**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-30	978.75	10.9	17.8
0-40	1756.17	19.5	31.9
0-60	3556.73	39.5	64.7
0-90	5156.05	57.3	93.8
90-120	325.95	3.6	5.9
90-130	340.83	3.8	6.2
90-150	342.51	3.8	6.2
90-180	342.52	3.8	6.2
0-180	5498.56	61.1	100

Total Luminaire Efficiency = 61.1%

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	101.21
10-20	323.25
20-30	554.28
30-40	777.42
40-50	926.3
50-60	874.26
60-70	723.16
70-80	539.92
80-90	336.24
90-100	175.58
100-110	104.24
110-120	46.12
120-130	14.89
130-140	1.64
140-150	.04
150-160	0
160-170	0
170-180	0

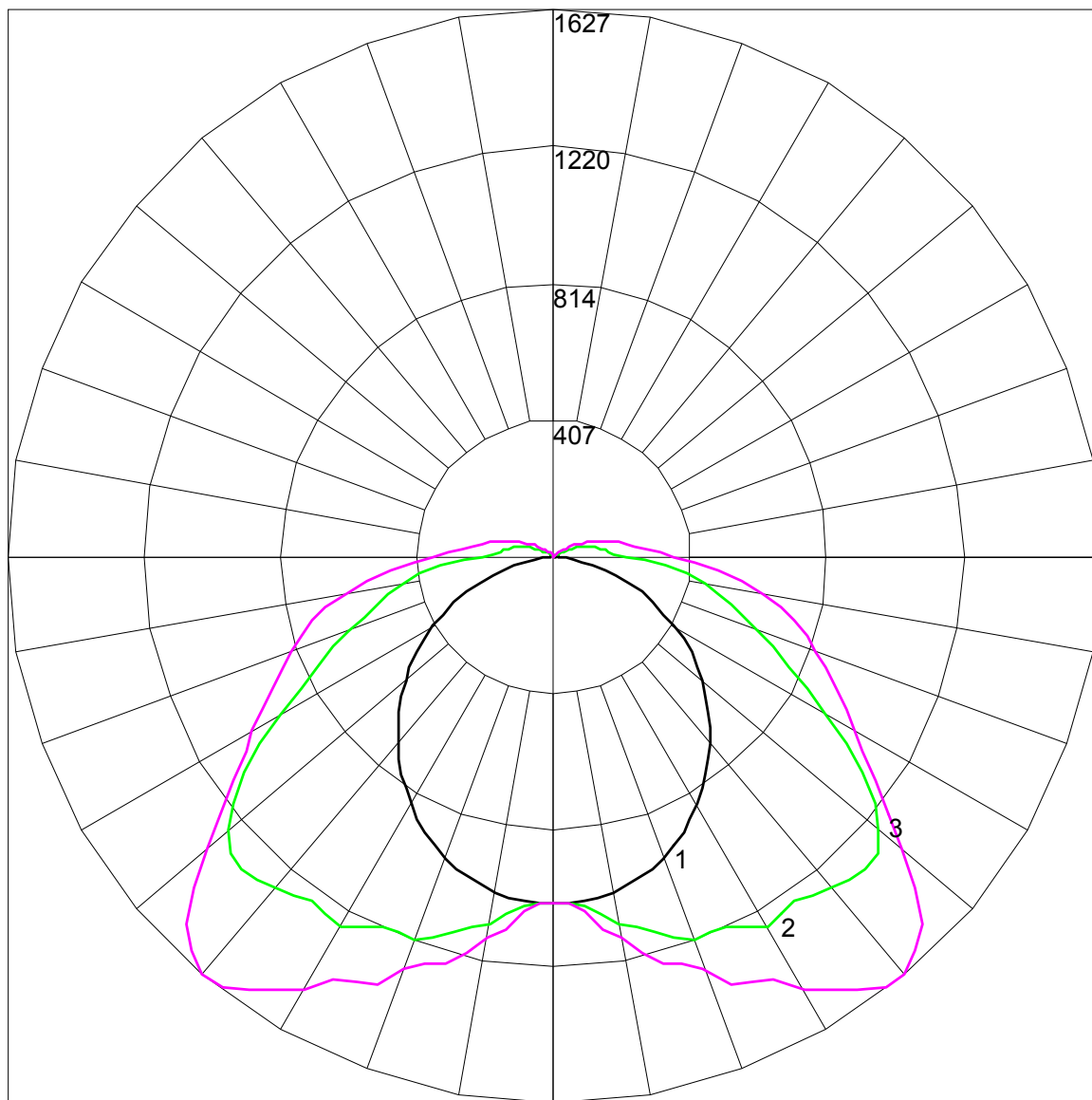
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**COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD**

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	72	72	72	72	70	70	70	70	66	66	66	62	62	62	59	59	59	57
1	64	60	57	54	62	59	56	53	55	53	51	52	50	48	49	48	46	45
2	57	52	47	43	55	50	46	42	47	43	40	45	41	39	42	40	37	36
3	52	45	39	35	50	43	38	34	41	36	33	39	35	32	37	33	31	29
4	47	39	33	29	45	38	32	28	36	31	27	34	30	27	32	29	26	24
5	43	34	29	24	41	34	28	24	32	27	23	30	26	23	29	25	22	20
6	40	31	25	21	38	30	24	20	28	24	20	27	23	19	26	22	19	17
7	36	28	22	18	35	27	22	18	26	21	17	24	20	17	23	19	17	15
8	34	25	20	16	33	24	19	16	23	19	15	22	18	15	21	17	15	13
9	31	23	18	14	30	22	17	14	21	17	14	20	16	13	19	16	13	12
10	29	21	16	12	28	20	16	12	20	15	12	19	15	12	18	14	12	10

POLAR GRAPH



Maximum Candela = 1627.3 Located At Horizontal Angle = 90, Vertical Angle = 40

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