



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

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-1995
[TEST] 21563
[MANUFAC]LDPI LIGHTING - WET/DAMP LOCATION LUMINAIRE
[LUMCAT]376-T5HO-2L-4-UNV-HB
[LUMINAIRE]WITH SPECULAR REFLECTOR AND NO 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 111 WATTS

CHARACTERISTICS

Total Rated Lamp Lumens 9000 (2 lamps)
Total Luminaire Efficiency 83.7 %
CIE Type Direct
Spacing Criteria (0-180) 1.24
Spacing Criteria (90-270) 2.12
Spacing Criteria (Diagonal) 1.94
Basic Luminous Shape Rectangular w/Sides
Luminous Length (0-180) 4.17 ft
Luminous Width (90-270) 0.50 ft
Luminous Height 0.03 ft

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	6618	13261	15444
55	6135	14487	15386
65	5428	14109	15128
75	4200	13870	17050
85	2515	15739	17703

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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-30	1340.59	14.9	17.8
0-40	2449.02	27.2	32.5
0-60	5147.33	57.2	68.3
0-90	7498.51	83.3	99.5
90-120	37.36	.4	.5
90-130	37.36	.4	.5
90-150	37.36	.4	.5
90-180	37.36	.4	.5
0-180	7535.87	83.7	100

Total Luminaire Efficiency = 83.7%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	141.66
10-20	436.51
20-30	762.43
30-40	1108.43
40-50	1341.25
50-60	1357.06
60-70	1142.4
70-80	817.15
80-90	391.63
90-100	37.13
100-110	.2
110-120	.03
120-130	0
130-140	0
140-150	0
150-160	0
160-170	0
170-180	0

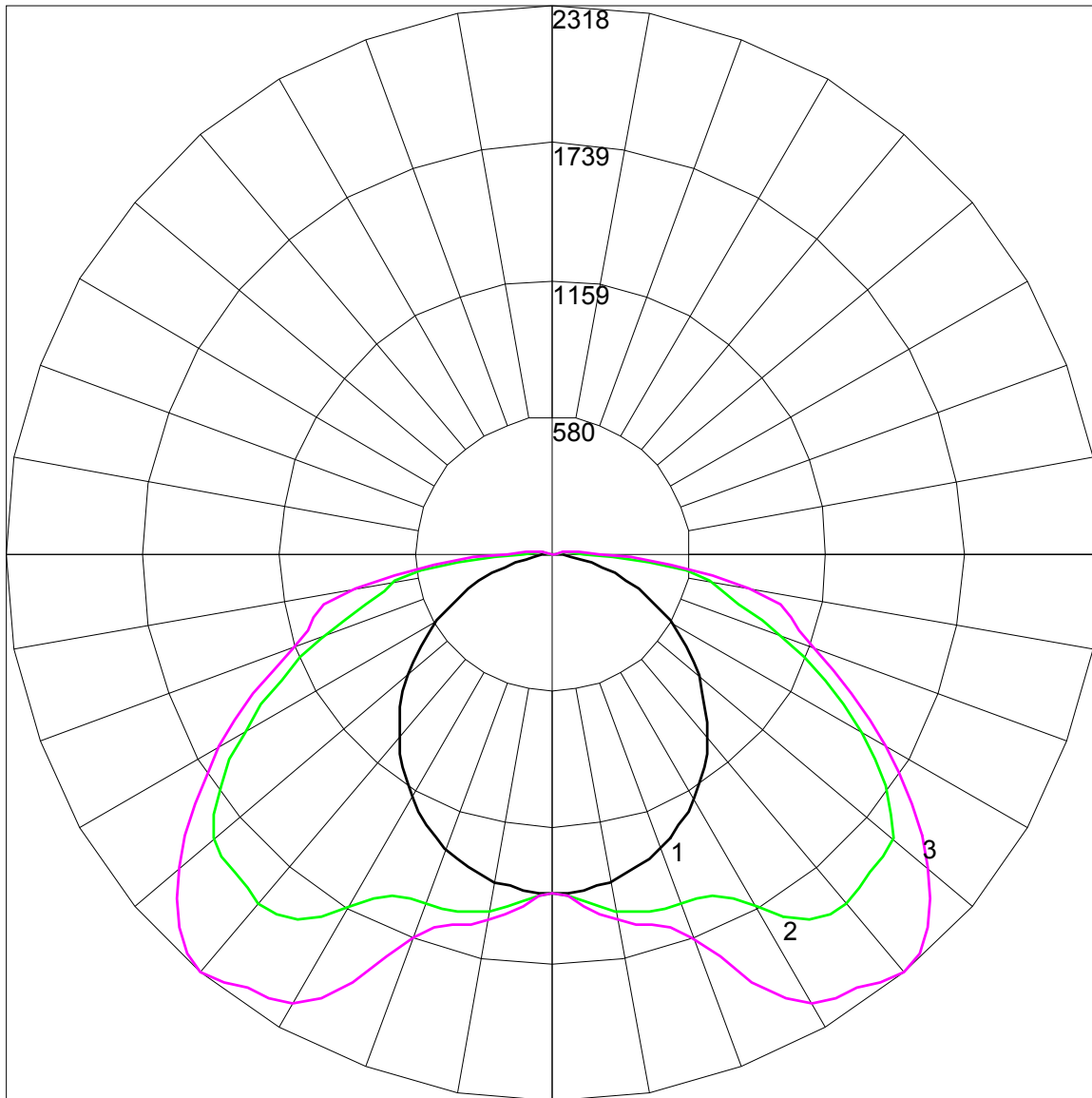
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COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

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	100	100	100	100	97	97	97	97	93	93	93	89	89	89	85	85	85	83
1	89	84	79	76	86	82	78	74	78	75	72	75	72	69	72	69	67	65
2	79	71	65	59	77	70	63	58	67	61	57	64	59	55	61	57	54	52
3	72	61	54	47	69	60	53	47	57	51	46	55	50	45	53	48	44	42
4	65	54	45	39	63	52	45	39	50	43	38	48	42	37	46	41	37	35
5	59	47	39	33	57	46	38	32	44	37	32	42	36	32	41	35	31	29
6	54	42	34	28	53	41	33	28	40	33	27	38	32	27	37	31	27	25
7	50	38	30	24	48	37	29	24	36	29	24	34	28	23	33	27	23	21
8	46	34	26	21	45	33	26	21	32	26	21	31	25	21	30	25	20	19
9	43	31	24	19	42	30	23	19	29	23	18	28	23	18	28	22	18	16
10	40	28	21	17	39	28	21	17	27	21	16	26	20	16	25	20	16	15

POLAR GRAPH



Maximum Candela = 2318.4 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)