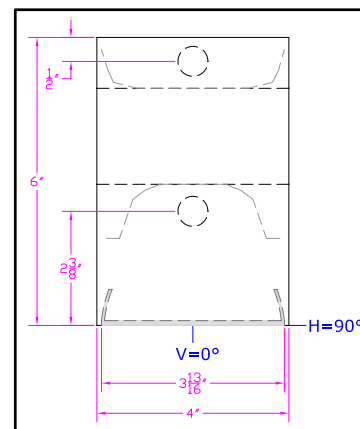


IES INDOOR REPORT
PHOTOMETRIC FILENAME : L05101211.IES
DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST] L0510-1211
 [TESTLAB] LIGHT LABORATORY INC
 [ISSUE DATE] 5/27/2010
 [MANUFAC] PRUDENTIAL LIGHTING
 [LUMCAT] P-46-1T5/1T5-04-SAL-TMW-D3
 [LUMINAIRE] 48-1/8"L. X 4"W. X 6"H. LINEAR FLUORESCENT LUMINAIRE
 [MORE] WHITE REFLECTORS
 [MORE] ACRYLIC DIFFUSE LENS
 [BALLASTCAT] PHILIPS ADVANCE ICN-2S28-N
 [BALLAST] 120 TO 277VAC 50/60Hz ELECTRONIC
 [LAMPPOSITION] 0,90
 [LAMPCAT] SYLVANIA FP28/835/ECO
 [_LAMPLUM] 2900
 [_INPUT] 120VAC, 61.45W

CHARACTERISTICS

Lumens Per Lamp	2900 (2 lamps)
Total Lamp Lumens	5800
Luminaire Lumens	4698
Total Luminaire Efficiency	81 %
Luminaire Efficacy Rating (LER)	76
Total Luminaire Watts	61.45
Ballast Factor	1.00
CIE Type	General Diffuse
Spacing Criteria (0-180)	N.A.
Spacing Criteria (90-270)	N.A.
Spacing Criteria (Diagonal)	N.A.
Basic Luminous Shape	Rectangular w/Sides
Luminous Length (0-180)	3.99 ft
Luminous Width (90-270)	0.32 ft
Luminous Height	0.50 ft


LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	4827	2406	1994
55	4285	1808	1459
65	3676	1277	1008
75	2794	758	591
85	1629	323	251

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CANDELA TABULATION

	<u>0.0</u>	<u>22.5</u>	<u>45.0</u>	<u>67.5</u>	<u>90.0</u>
0	782	782	782	782	782
5	776	777	776	776	778
15	736	736	734	733	736
25	662	662	660	655	653
35	566	566	558	546	542
45	456	457	443	433	429
55	344	343	333	325	321
65	234	232	228	222	220
75	126	126	127	126	124
85	41	45	49	50	49
90	18	19	18	17	16
95	39	69	55	47	45
105	269	254	287	274	267
115	257	366	454	488	501
125	371	448	560	620	639
135	477	528	613	685	708
145	567	599	657	709	727
155	640	658	689	720	733
165	690	697	709	722	728
175	716	716	717	719	720
180	718	718	718	718	718

IES INDOOR REPORT
PHOTOMETRIC FILENAME : L05101211.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-30	423.31	7.30	9.00
0-40	755.89	13.00	16.10
0-60	1433.9	24.70	30.50
0-90	1992.78	34.40	42.40
90-120	550.53	9.50	11.70
90-130	1003.43	17.30	21.40
90-150	1923.46	33.20	40.90
90-180	2705.34	46.60	57.60
0-180	4698.12	81.00	100.00

Total Luminaire Efficiency = 81.00%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	18.63
10-20	143.71
20-30	260.97
30-40	332.57
40-50	351.96
50-60	326.05
60-70	265.88
70-80	181.78
80-90	111.23
90-100	19.44
100-110	174.73
110-120	356.35
120-130	452.91
130-140	477.34
140-150	442.68
150-160	367.28
160-170	261.77
170-180	152.83

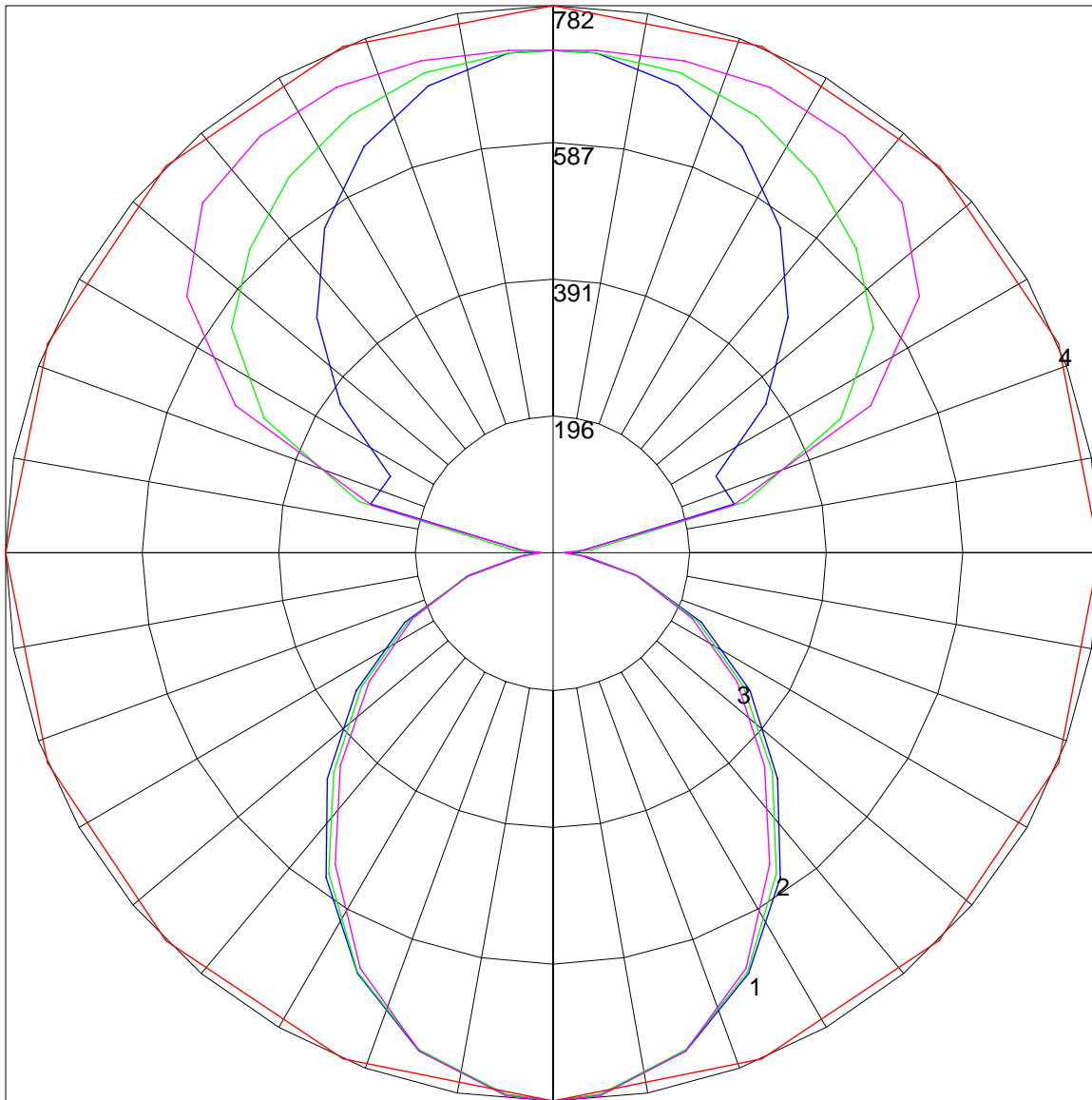
IES INDOOR REPORT
PHOTOMETRIC FILENAME : L05101211.IES

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	85	85	85	85	78	78	78	78	64	64	64	51	51	51	40	40	40	34
1	77	73	70	67	70	67	64	61	55	53	51	44	43	41	34	33	32	27
2	70	63	58	54	63	58	53	49	48	44	41	38	36	34	29	28	26	22
3	63	55	49	44	57	51	45	41	42	38	34	33	30	28	26	24	22	18
4	58	49	42	37	52	44	39	34	37	32	29	29	26	23	23	20	18	15
5	53	43	36	31	48	39	33	29	32	28	24	26	23	20	20	18	16	13
6	48	38	32	27	44	35	29	25	29	24	21	23	20	17	18	16	14	11
7	45	34	28	23	40	32	26	22	26	22	18	21	18	15	16	14	12	10
8	41	31	25	20	37	29	23	19	24	19	16	19	16	13	15	12	10	8
9	38	28	22	18	35	26	20	17	22	17	14	17	14	12	14	11	9	7
10	36	26	20	16	32	24	18	15	20	15	13	16	13	10	13	10	8	7

POLAR GRAPH



Maximum Candela = 782 Located At Horizontal Angle = 0, Vertical Angle = 0
1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.) : BLUE
2 - Vertical Plane Through Horizontal Angles (45 - 225) : GREEN
3 - Vertical Plane Through Horizontal Angles (90 - 270) : MAGENTA
4 - Horizontal Cone Through Vertical Angle (0) (Through Max. Cd.) : RED

NOTE: ALL TESTS ASSUME BALLAST FACTOR (BF) = 1.0 UNLESS STATED.
IF TEST OR OTHER BALLAST USED HAS A BF OTHER THAN 1.0, ALL
LUMEN, CANDELA, AND LUMINANCE VALUES SHOULD BE MULTIPLIED BY
THE BF, CU, EFFICIENCY AND % FLUX VALUES REMAIN AS LISTED.
TOTAL WATTS VALUE APPLIES ONLY TO TESTED BALLAST.