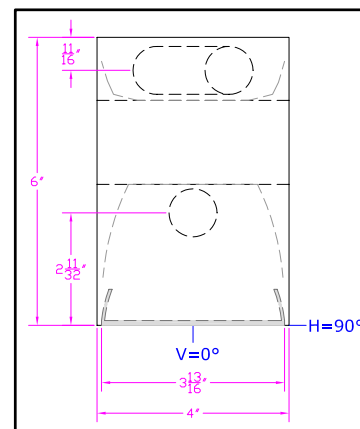


IES INDOOR REPORT
PHOTOMETRIC FILENAME : L05101212.IES
DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST] L0510-1212
 [TESTLAB] LIGHT LABORATORY INC
 [ISSUE DATE] 5/27/2010
 [MANUFAC] PRUDENTIAL LIGHTING
 [LUMCAT] P-46-1T8/1T8-04-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] UNIVERSAL B132IUNVHP-B
 [BALLAST] 120 TO 277VAC 50/60Hz ELECTRONIC
 [LAMPPOSITION] 0,90
 [LAMPCAT] SYLVANIA F032/835/ECO
 [_LAMPLUM] 2950
 [_INPUT] 120VAC, 59.41W

CHARACTERISTICS

Lumens Per Lamp	2950 (2 lamps)
Total Lamp Lumens	5900
Luminaire Lumens	4653
Total Luminaire Efficiency	79 %
Luminaire Efficacy Rating (LER)	78
Total Luminaire Watts	59.41
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	5007	2509	2096
55	4434	1884	1527
65	3770	1310	1035
75	2838	764	591
85	1589	304	241

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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	819	819	819	819	819
5	811	812	811	811	814
15	768	769	767	767	769
25	690	690	688	684	683
35	588	587	581	573	570
45	473	472	462	454	451
55	356	355	347	340	336
65	240	238	234	229	226
75	128	128	128	126	124
85	40	43	46	47	47
90	19	22	24	25	25
95	43	61	55	51	49
105	147	233	218	205	200
115	267	368	405	396	391
125	384	455	537	565	570
135	492	540	615	664	678
145	583	613	665	709	725
155	656	673	701	731	742
165	707	714	725	736	741
175	733	734	734	737	739
180	735	735	735	735	735

IES INDOOR REPORT
PHOTOMETRIC FILENAME : L05101212.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-30	442.21	7.50	9.50
0-40	789.16	13.40	17.00
0-60	1495.7	25.40	32.10
0-90	2067.86	35.00	44.40
90-120	460.93	7.80	9.90
90-130	879.69	14.90	18.90
90-150	1789.08	30.30	38.40
90-180	2585.25	43.80	55.60
0-180	4653.11	78.90	100.00

Total Luminaire Efficiency = 78.90%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	19.49
10-20	150.20
20-30	272.52
30-40	346.95
40-50	366.96
50-60	339.58
60-70	275.30
70-80	185.51
80-90	111.34
90-100	20.95
100-110	140.55
110-120	299.43
120-130	418.76
130-140	465.43
140-150	443.96
150-160	372.72
160-170	267.04
170-180	156.41

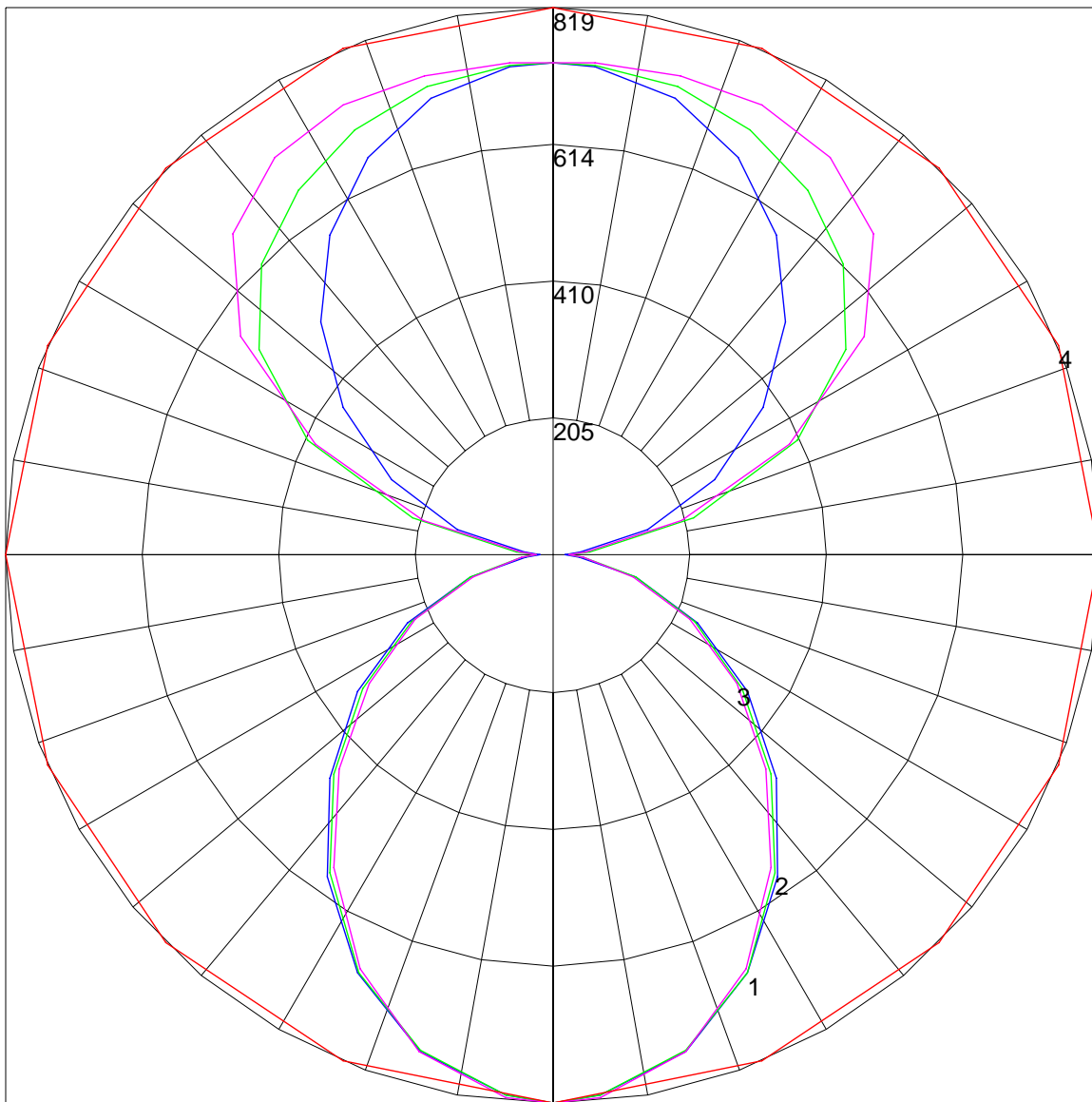
IES INDOOR REPORT
 PHOTOMETRIC FILENAME : L05101212.IES

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	83	83	83	83	76	76	76	76	63	63	63	51	51	51	40	40	40	35
1	75	72	68	65	69	66	63	60	54	52	50	44	42	41	34	33	32	28
2	68	62	57	53	62	57	52	49	47	44	41	38	36	34	30	28	27	23
3	62	54	48	43	56	50	44	40	41	37	34	33	30	28	26	24	22	19
4	56	48	41	36	51	44	38	33	36	32	28	29	26	23	23	21	19	16
5	52	42	35	31	47	39	33	28	32	28	24	26	23	20	20	18	16	13
6	47	38	31	26	43	34	29	24	29	24	21	23	20	17	18	16	14	11
7	44	34	27	23	40	31	25	21	26	21	18	21	18	15	17	14	12	10
8	40	30	24	20	37	28	22	18	23	19	16	19	16	13	15	13	11	9
9	37	28	22	17	34	25	20	16	21	17	14	17	14	12	14	11	9	8
10	35	25	19	16	32	23	18	14	20	15	12	16	13	10	13	10	8	7

POLAR GRAPH



Maximum Candela = 819 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.