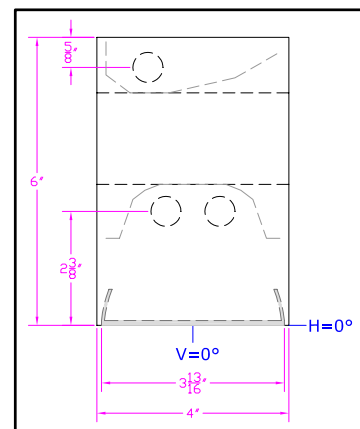


IES INDOOR REPORT
PHOTOMETRIC FILENAME : L05101213.IES
DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST] L0510-1213
 [TESTLAB] LIGHT LABORATORY INC
 [ISSUE DATE] 5/27/2010
 [MANUFAC] PRUDENTIAL LIGHTING
 [LUMCAT] P-46-2T5/1T5-04-TMW-D7R
 [LUMINAIRE] 4"L. X 48-1/8"W. X 6"H. ASYMMETRIC LINEAR FLUORESCENT LUMINAIRE
 [MORE] WHITE REFLECTORS
 [MORE] ACRYLIC DIFFUSE LENS
 [BALLASTCAT] PHILIPS ADVANCE ICN-2S28-N
 [BALLAST] 120 TO 277VAC 50/60Hz ELECTRONIC
 [LAMPPOSITION] 90,90
 [LAMPCAT] SYLVANIA FP28/835/ECO
 [LAMPLUM] 2900
 [INPUT] 120VAC, 86.58W

CHARACTERISTICS

Lumens Per Lamp	2900 (3 lamps)
Total Lamp Lumens	8700
Luminaire Lumens	6034
Total Luminaire Efficiency	69 %
Luminaire Efficacy Rating (LER)	70
Total Luminaire Watts	86.58
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)	0.32 ft
Luminous Width (90-270)	3.99 ft
Luminous Height	0.50 ft


LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	3300	4018	8235
55	2381	2981	7249
65	1612	2072	6126
75	915	1181	4501
85	333	436	2384

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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>	<u>112.5</u>	<u>135.0</u>	<u>157.5</u>	<u>180.0</u>
0	1357	1357	1357	1357	1357	1357	1357	1357	1357
5	1347	1343	1343	1347	1347	1349	1349	1350	1354
15	1257	1255	1261	1271	1275	1278	1274	1271	1274
25	1099	1102	1117	1135	1144	1144	1135	1124	1122
35	908	915	936	959	971	971	954	937	931
45	710	718	740	765	778	776	757	738	730
55	524	530	549	571	582	580	563	545	538
65	352	356	370	383	390	390	379	366	360
75	192	195	198	202	203	205	201	195	192
85	65	65	66	63	60	62	64	62	61
90	18	20	21	23	23	23	23	22	20
95	106	111	120	123	45	37	37	38	36
105	457	451	419	375	148	131	112	93	84
115	693	697	693	495	255	242	231	213	204
125	976	947	810	568	357	344	356	343	337
135	1027	972	821	616	453	431	448	459	460
145	969	928	811	649	536	513	522	534	537
155	891	860	775	673	603	583	575	583	590
165	790	772	731	685	650	635	627	625	624
175	703	699	691	684	674	667	661	658	659
180	676	676	676	676	676	676	676	676	676

IES INDOOR REPORT
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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-30	729.72	8.40	12.10
0-40	1296.98	14.90	21.50
0-60	2440.99	28.10	40.50
0-90	3341.3	38.40	55.40
90-120	539.14	6.20	8.90
90-130	993.00	11.40	16.50
90-150	1930.32	22.20	32.00
90-180	2692.96	31.00	44.60
0-180	6034.26	69.40	100.00

Total Luminaire Efficiency = 69.40%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	32.33
10-20	248.77
20-30	448.62
30-40	567.26
40-50	596.40
50-60	547.60
60-70	441.11
70-80	294.67
80-90	164.54
90-100	25.87
100-110	174.02
110-120	339.24
120-130	453.86
130-140	488.98
140-150	448.34
150-160	364.11
160-170	253.42
170-180	145.11

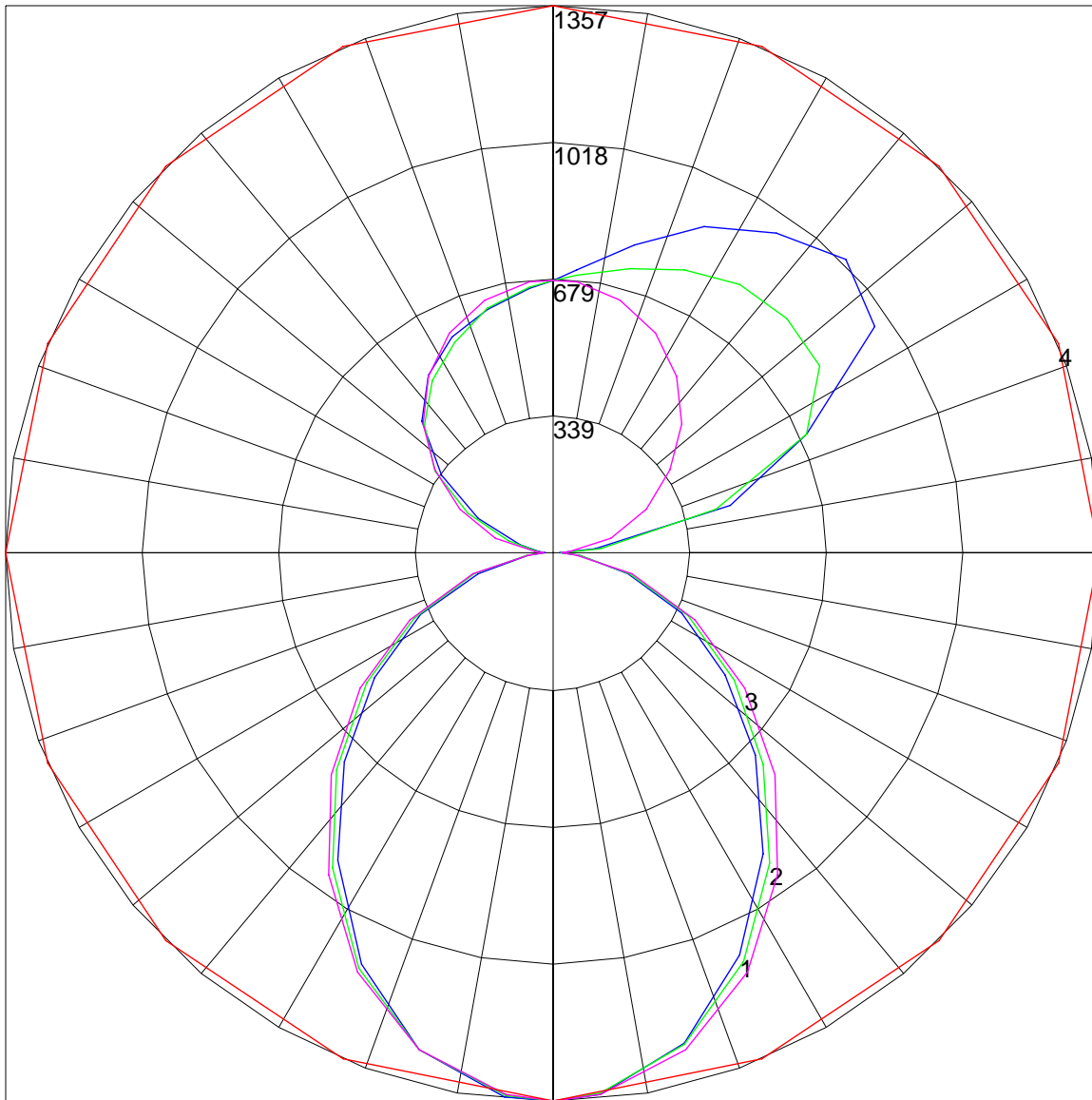
IES INDOOR REPORT
PHOTOMETRIC FILENAME : L05101213.IES

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	75	75	75	75	70	70	70	70	60	60	60	51	51	51	42	42	42	38
1	68	65	61	59	63	60	57	55	51	49	48	43	42	41	36	35	34	31
2	61	56	51	47	57	52	48	44	44	41	39	38	35	33	31	30	28	25
3	56	49	43	39	51	45	40	36	39	35	32	33	30	28	27	25	23	21
4	51	43	37	32	47	40	35	31	34	30	27	29	26	23	24	22	20	17
5	46	38	32	27	43	35	30	26	30	26	23	26	22	20	22	19	17	15
6	43	34	28	24	39	32	26	22	27	23	20	23	20	17	19	17	15	13
7	39	30	25	20	36	28	23	19	24	20	17	21	17	15	17	15	13	11
8	36	27	22	18	34	26	20	17	22	18	15	19	16	13	16	13	11	10
9	34	25	19	16	31	23	18	15	20	16	13	17	14	12	15	12	10	9
10	31	23	18	14	29	21	17	13	19	15	12	16	13	10	13	11	9	8

POLAR GRAPH



Maximum Candela = 1357 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.