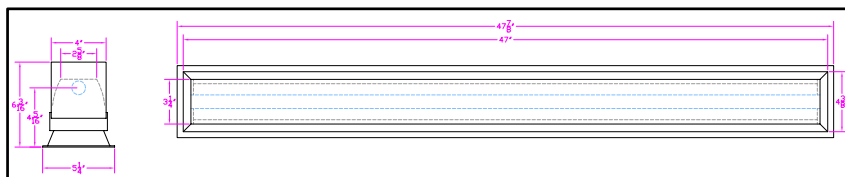




IES INDOOR REPORT
PHOTOMETRIC FILENAME : LLI100813C.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] LLI 1008-13C
[TESTLAB] LIGHT LABORATORY INC
[ISSUEDATE] 11/17/2008
[MANUFAC] PRUDENTIAL LTG.
[LUMCAT] P42-1T8-04-WA-SC-120
[LUMINAIRE] 47-7/8"L. X 5-1/4"W. X 6-3/16"H. RECESSED LUMINAIRE
[MORE] WHITE PAINTED REFLECTOR
[MORE] WHITE ACRYLIC LENS
[BALLASTCAT] ADVANCE ICN-1P32-SC
[BALLAST] 120-277V 50/60Hz ELECTRONIC
[LAMPPOSITION] 0,90
[LAMPCAT] PHILIPS F32T8/TL835
[_LAMPLUM] 2950
[_INPUT] 120VAC, 30.36W



CHARACTERISTICS

Total Rated Lamp Lumens	2950
Total Luminaire Efficiency	44 %
Luminaire Efficacy Rating (LER)	43
Total Luminaire Watts	30
Ballast Factor	1.00
CIE Type	Direct
Spacing Criteria (0-180)	1.34
Spacing Criteria (90-270)	1.18
Spacing Criteria (Diagonal)	1.36
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	3.92 ft
Luminous Width (90-270)	0.27 ft
Luminous Height	0.00 ft

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	5216	4541	3837
55	5084	3862	3047
65	4832	3005	1899
75	4122	1374	1178
85	2332	1166	1049

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.

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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	499	499	499	499	499
5	525	523	507	488	480
15	509	509	497	479	472
25	474	473	464	440	429
35	425	424	400	368	355
45	363	359	316	280	267
55	287	269	218	186	172
65	201	171	125	91	79
75	105	75	35	31	30
85	20	11	10	10	9
90	0	0	0	0	0

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PHOTOMETRIC FILENAME : LLI100813C.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-30	285.12	9.7	22
0-40	518.57	17.6	39.9
0-60	997.39	33.8	76.8
0-90	1298.86	44	100
90-120	0	0	0
90-130	0	0	0
90-150	0	0	0
90-180	0	0	0
0-180	1298.86	44	100

Total Luminaire Efficiency = 44%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	12
10-20	95
20-30	178.12
30-40	233.46
40-50	250.98
50-60	227.84
60-70	169.48
70-80	94.62
80-90	37.36
90-100	0
100-110	0
110-120	0
120-130	0
130-140	0
140-150	0
150-160	0
160-170	0
170-180	0

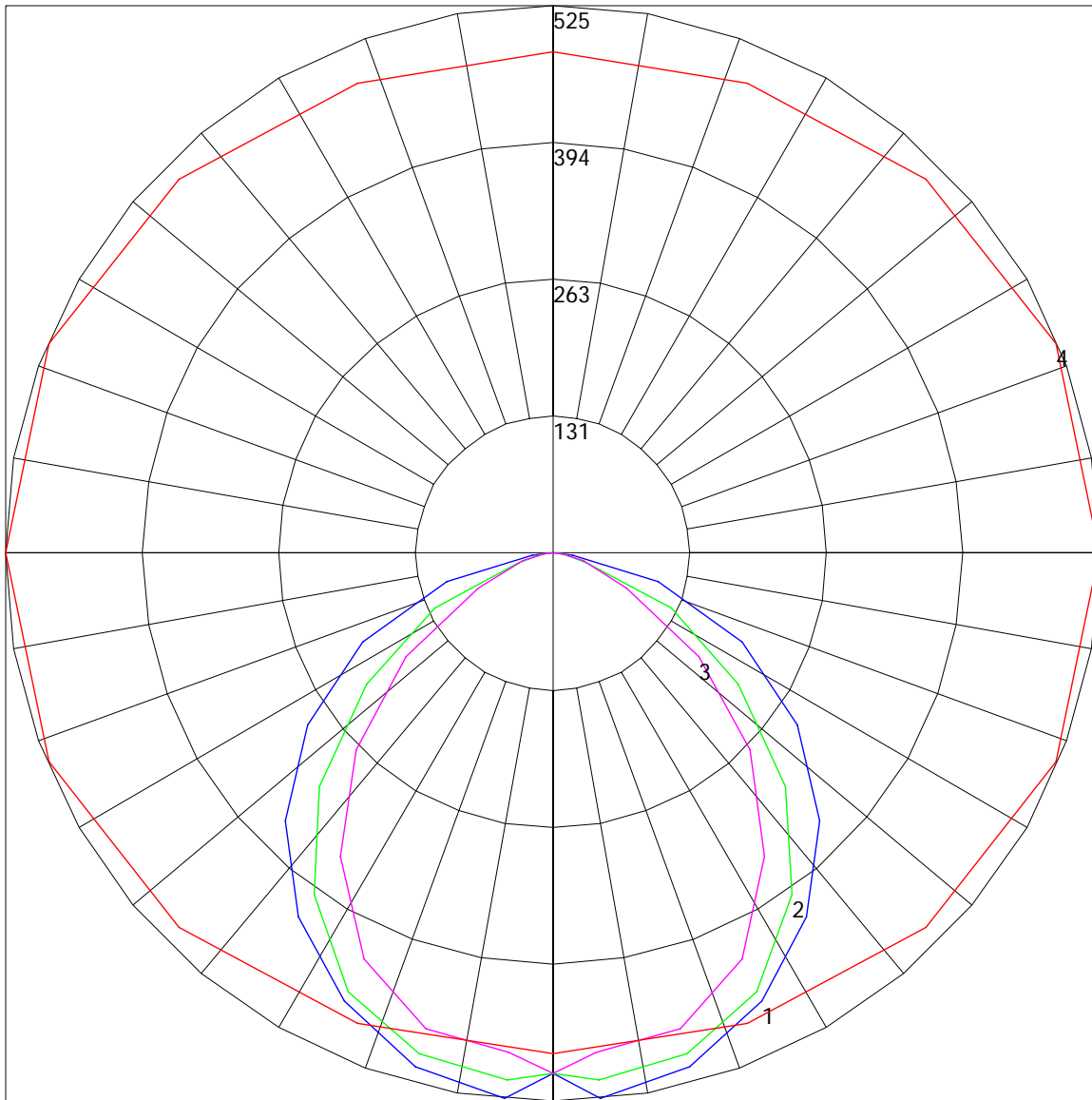
IES INDOOR REPORT
 PHOTOMETRIC FILENAME : LLI100813C.IES

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

POLAR GRAPH



Maximum Candela = 525 Located At Horizontal Angle = 0, Vertical Angle = 5
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 (5) (Through Max. Cd.) : RED