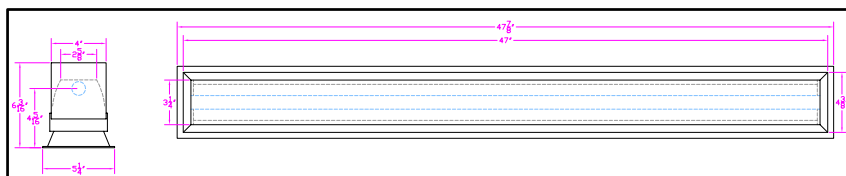




IES INDOOR REPORT
PHOTOMETRIC FILENAME : LLI100813E.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] LLI 1008-13E
[TESTLAB] LIGHT LABORATORY INC
[ISSUEDATE] 11/17/2008
[MANUFAC] PRUDENTIAL LTG.
[LUMCAT] P42-1T8-04-LPA-S-SC-120
[LUMINAIRE] 47-7/8"L. X 5-1/4"W. X 6-3/16"H. RECESSED LUMINAIRE
[MORE] WHITE PAINTED REFLECTOR
[MORE] LINEAR PRISMATIC ACRYLIC LENS
[BALLASTCAT] ADVANCE ICN-1P32-SC
[BALLAST] 120-277V 50/60Hz ELECTRONIC
[LAMPPOSITION] 0,90
[LAMPCAT] PHILIPS F32T8/TL835
[_LAMPLUM] 2950
[_INPUT] 120VAC, 30.27W



CHARACTERISTICS

Total Rated Lamp Lumens	2950
Total Luminaire Efficiency	53.8 %
Luminaire Efficacy Rating (LER)	52
Total Luminaire Watts	30
Ballast Factor	1.00
CIE Type	Direct
Spacing Criteria (0-180)	1.26
Spacing Criteria (90-270)	1.18
Spacing Criteria (Diagonal)	1.32
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	6006	5590	4598
55	5403	4535	3525
65	4640	3438	2332
75	3572	1806	1531
85	2215	1516	1399

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.

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LLI100813E.IES

CANDELA TABULATION

	<u>0.0</u>	<u>22.5</u>	<u>45.0</u>	<u>67.5</u>	<u>90.0</u>
0	656	656	656	656	656
5	689	687	666	641	631
15	659	662	651	632	625
25	598	604	604	582	569
35	518	526	512	475	459
45	418	426	389	343	320
55	305	301	256	214	199
65	193	180	143	109	97
75	91	78	46	41	39
85	19	14	13	12	12
90	0	0	0	0	0

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LLI100813E.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-30	372.64	12.6	23.5
0-40	672.12	22.8	42.4
0-60	1250.05	42.4	78.8
0-90	1585.66	53.8	100
90-120	0	0	0
90-130	0	0	0
90-150	0	0	0
90-180	0	0	0
0-180	1585.66	53.8	100

Total Luminaire Efficiency = 53.8%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	15.77
10-20	124.59
20-30	232.27
30-40	299.48
40-50	310.51
50-60	267.43
60-70	189.7
70-80	103.82
80-90	42.09
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

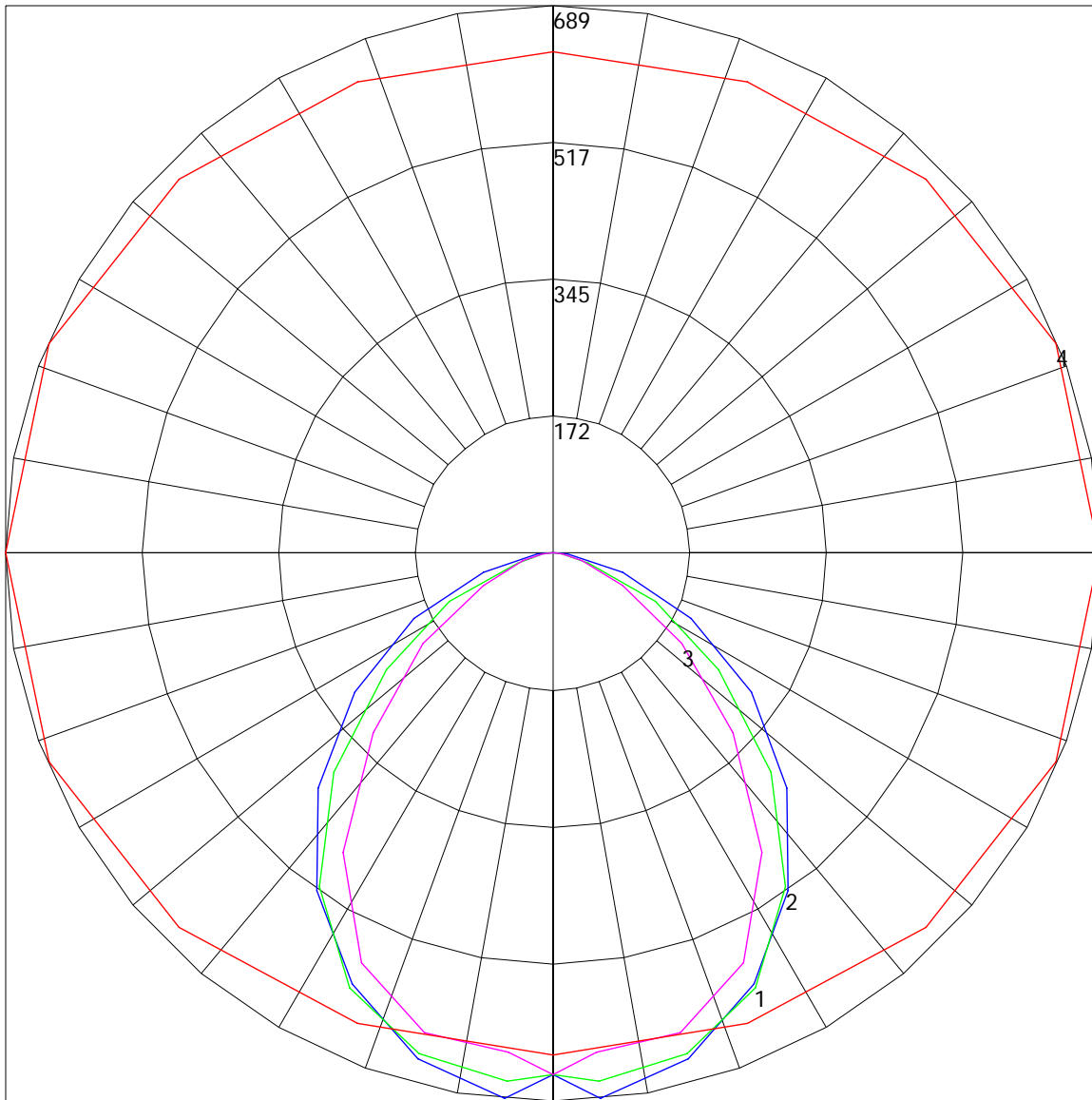
IES INDOOR REPORT
 PHOTOMETRIC FILENAME : LLI100813E.IES

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	64	64	64	64	63	63	63	63	60	60	60	57	57	57	55	55	55	54
1	58	56	53	51	57	54	52	50	52	50	49	50	48	47	48	47	46	45
2	53	48	44	41	51	47	44	41	45	42	40	43	41	39	42	40	38	37
3	48	42	38	34	47	41	37	34	40	36	33	38	35	32	37	34	32	31
4	44	37	32	28	42	36	32	28	35	31	28	34	30	27	33	30	27	26
5	40	33	28	24	39	32	28	24	31	27	24	30	26	24	29	26	23	22
6	37	29	24	21	36	29	24	21	28	24	21	27	23	20	26	23	20	19
7	34	26	22	18	33	26	21	18	25	21	18	24	21	18	24	20	18	17
8	31	24	19	16	31	24	19	16	23	19	16	22	18	16	22	18	16	15
9	29	22	17	14	29	22	17	14	21	17	14	20	17	14	20	16	14	13
10	27	20	16	13	27	20	16	13	19	15	13	19	15	13	18	15	12	12

POLAR GRAPH



Maximum Candela = 689 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