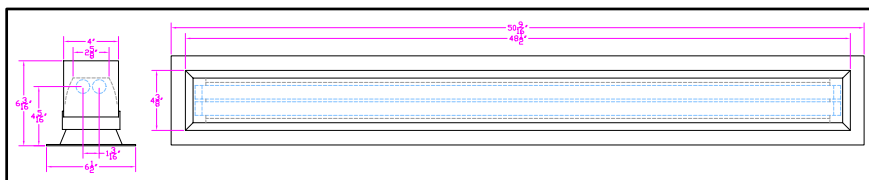




**IES INDOOR REPORT  
PHOTOMETRIC FILENAME : LLI100813F.IES**

**DESCRIPTION INFORMATION (From Photometric File)**

IESNA:LM-63-2002  
[TEST] LLI 1008-13F  
[TESTLAB] LIGHT LABORATORY INC  
[ISSUE DATE] 11/18/2008  
[MANUFAC] PRUDENTIAL LTG.  
[LUMCAT] P42-2T8-04-WA-SC-120  
[LUMINAIRE] 50-9/16"L. X 6-1/2"W. X 6-3/16"H. RECESSED LUMINAIRE  
[MORE] WHITE PAINTED REFLECTOR  
[MORE] WHITE ACRYLIC LENS  
[BALLASTCAT] ADVANCE ICN-2P32-SC  
[BALLAST] 120-277V 50/60Hz ELECTRONIC  
[LAMPPOSITION] 0,90  
[LAMPCAT] PHILIPS F32T8/TL835  
[LAMPLUM] 2950  
[INPUT] 120VAC, 54.17W



**CHARACTERISTICS**

Total Rated Lamp Lumens	5900 (2 lamps)
Total Luminaire Efficiency	37.1 %
Luminaire Efficacy Rating (LER)	40
Total Luminaire Watts	54
Ballast Factor	1.00
CIE Type	Direct
Spacing Criteria (0-180)	1.32
Spacing Criteria (90-270)	1.18
Spacing Criteria (Diagonal)	1.36
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	4.04 ft
Luminous Width (90-270)	0.37 ft
Luminous Height	0.00 ft

**LUMINANCE DATA (cd/sq.m)**

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	6115	5443	4599
55	5895	4678	3650
65	5481	3353	2247
75	4559	1696	1501
85	2311	1651	1486

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  
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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>
<b>0</b>	851	851	851	851	851
<b>5</b>	893	891	864	831	818
<b>15</b>	863	865	847	819	808
<b>25</b>	798	803	793	753	734
<b>35</b>	711	718	682	626	606
<b>45</b>	601	607	535	474	452
<b>55</b>	470	452	373	313	291
<b>65</b>	322	284	197	151	132
<b>75</b>	164	118	61	56	54
<b>85</b>	28	21	20	19	18
<b>90</b>	0	0	0	0	0

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : LLI100813F.IES**

**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-30	485.8	8.2	22.2
0-40	882.78	15	40.3
0-60	1691.5	28.7	77.2
0-90	2191.4	37.1	100
90-120	0	0	0
90-130	0	0	0
90-150	0	0	0
90-180	0	0	0
0-180	2191.4	37.1	100

Total Luminaire Efficiency = 37.1%

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	20.46
10-20	161.85
20-30	303.49
30-40	396.99
40-50	424.78
50-60	383.95
60-70	281.88
70-80	154.76
80-90	63.25
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

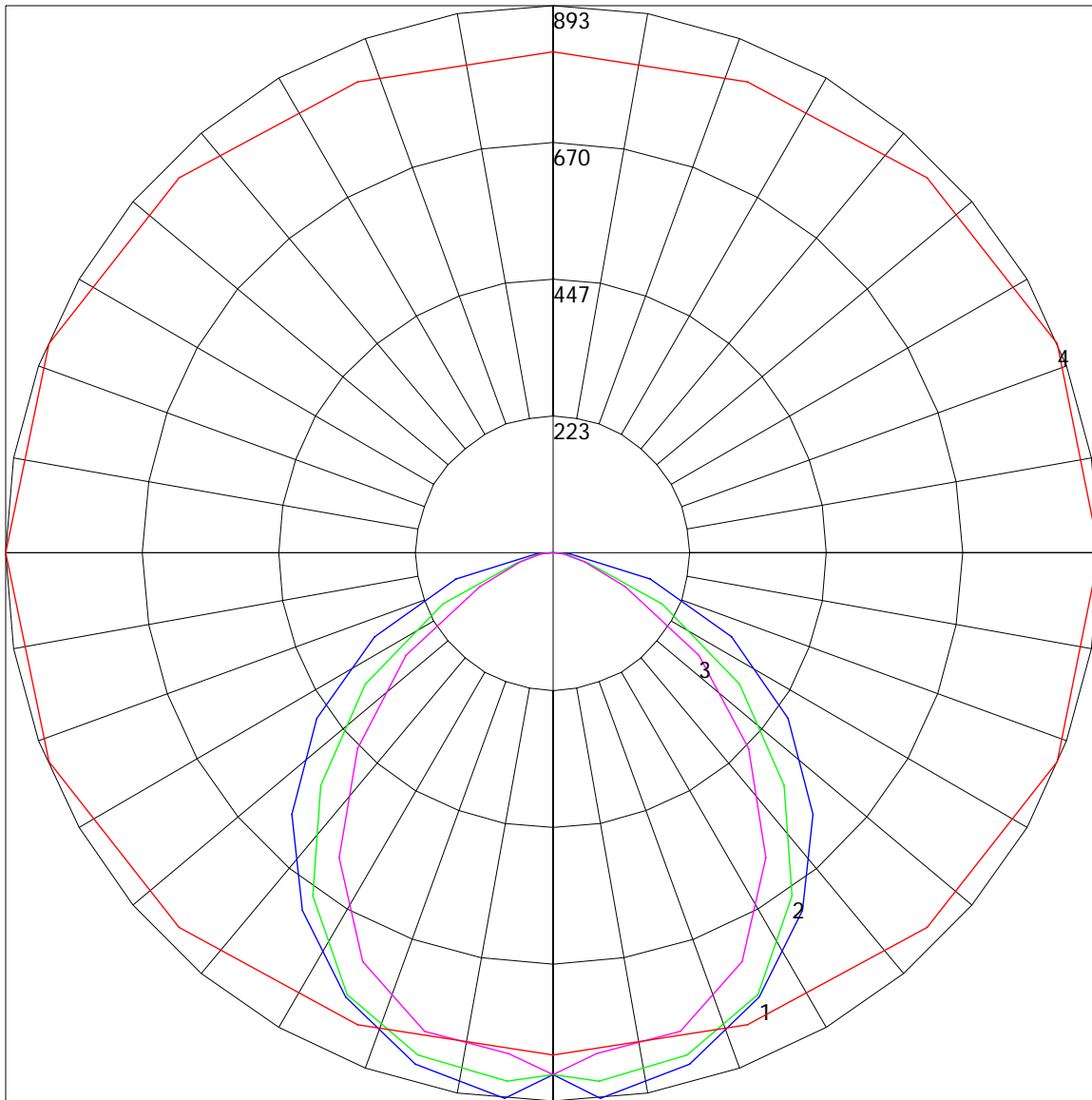
IES INDOOR REPORT  
 PHOTOMETRIC FILENAME : LLI100813F.IES

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	44	44	44	44	43	43	43	43	41	41	41	40	40	40	38	38	38	37
1	40	38	37	35	39	37	36	34	36	34	33	34	33	32	33	32	31	31
2	36	33	30	28	35	32	30	28	31	29	27	30	28	26	29	27	26	25
3	33	29	26	23	32	28	25	23	27	25	22	26	24	22	25	23	22	21
4	30	25	22	19	29	25	22	19	24	21	19	23	21	19	22	20	18	17
5	27	22	19	16	27	22	19	16	21	18	16	20	18	16	20	17	16	15
6	25	20	16	14	24	20	16	14	19	16	14	18	16	14	18	15	14	13
7	23	18	15	12	23	18	14	12	17	14	12	16	14	12	16	14	12	11
8	21	16	13	11	21	16	13	11	15	13	11	15	12	10	15	12	10	10
9	20	15	12	9	19	15	12	9	14	11	9	14	11	9	13	11	9	9
10	19	14	10	8	18	13	10	8	13	10	8	13	10	8	12	10	8	8

POLAR GRAPH



Maximum Candela = 893 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