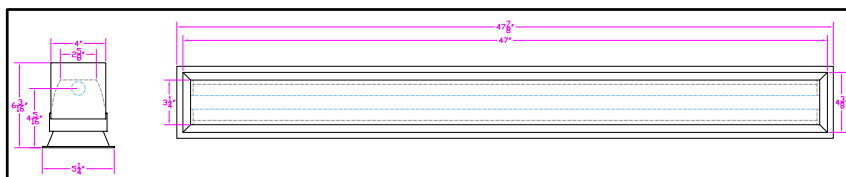




IES INDOOR REPORT
PHOTOMETRIC FILENAME : LLI100813D.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] LLI 1008-13D
[TESTLAB] LIGHT LABORATORY INC
[ISSUEDATE] 11/17/2008
[MANUFAC] PRUDENTIAL LTG.
[LUMCAT] P42-1T8-04-PRA-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] 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, 30.46W



CHARACTERISTICS

Total Rated Lamp Lumens	2950
Total Luminaire Efficiency	54.4 %
Luminaire Efficacy Rating (LER)	53
Total Luminaire Watts	30
Ballast Factor	1.00
CIE Type	Direct
Spacing Criteria (0-180)	1.22
Spacing Criteria (90-270)	1.04
Spacing Criteria (Diagonal)	1.24
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	6509	5273	4052
55	6076	4074	3153
65	5530	3149	2092
75	4554	1610	1374
85	2681	1399	1282

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 : LLI100813D.IES

CANDELA TABULATION

	<u>0.0</u>	<u>22.5</u>	<u>45.0</u>	<u>67.5</u>	<u>90.0</u>
0	738	738	738	738	738
5	773	770	745	715	704
15	723	725	707	677	665
25	647	648	635	592	567
35	556	553	518	438	408
45	453	447	367	301	282
55	343	319	230	193	178
65	230	182	131	98	87
75	116	78	41	36	35
85	23	12	12	11	11
90	0	0	0	0	0

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LLI100813D.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-30	402.37	13.6	25.1
0-40	708.55	24	44.1
0-60	1274.83	43.2	79.4
0-90	1605.78	54.4	100
90-120	0	0	0
90-130	0	0	0
90-150	0	0	0
90-180	0	0	0
0-180	1605.78	54.4	100

Total Luminaire Efficiency = 54.4%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	17.69
10-20	137.21
20-30	247.46
30-40	306.19
40-50	305.67
50-60	260.61
60-70	186.38
70-80	102.92
80-90	41.65
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

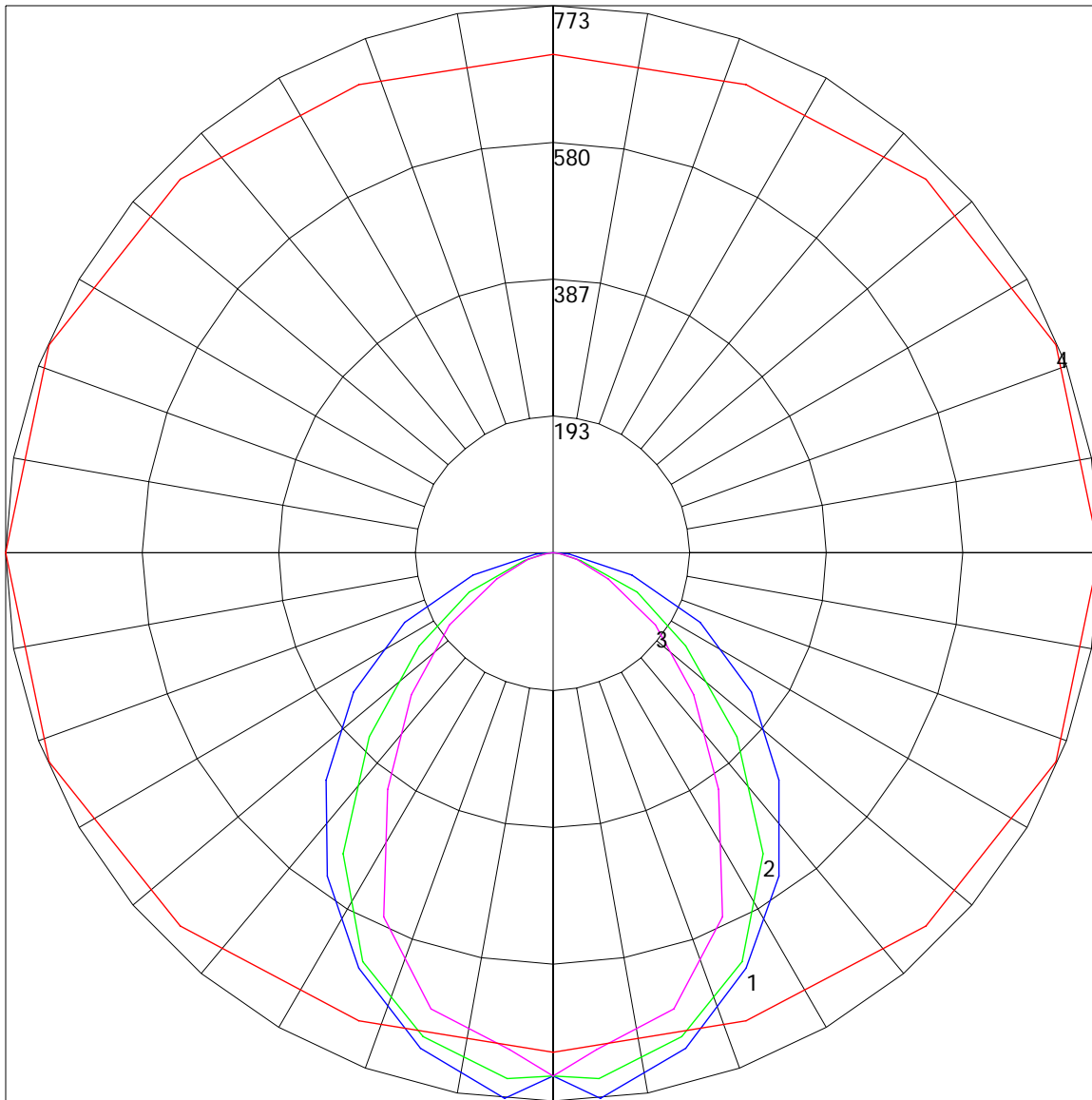
IES INDOOR REPORT
PHOTOMETRIC FILENAME : LLI100813D.IES

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	65	65	65	65	63	63	63	63	60	60	60	58	58	58	56	56	56	54
1	59	56	54	52	58	55	53	51	53	51	49	51	49	48	49	48	46	45
2	54	49	45	42	52	48	45	42	46	43	41	44	42	40	43	41	39	38
3	49	43	38	35	47	42	38	34	40	37	34	39	36	33	38	35	33	31
4	45	38	33	29	43	37	33	29	36	32	29	35	31	28	33	30	28	27
5	41	34	29	25	40	33	28	25	32	28	25	31	27	24	30	27	24	23
6	38	30	25	22	37	30	25	22	29	24	21	28	24	21	27	24	21	20
7	35	27	22	19	34	27	22	19	26	22	19	25	21	19	24	21	18	17
8	32	25	20	17	31	24	20	17	24	19	17	23	19	16	22	19	16	15
9	30	23	18	15	29	22	18	15	22	18	15	21	17	15	20	17	15	14
10	28	21	16	13	27	20	16	13	20	16	13	19	16	13	19	15	13	12

POLAR GRAPH



Maximum Candela = 773 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