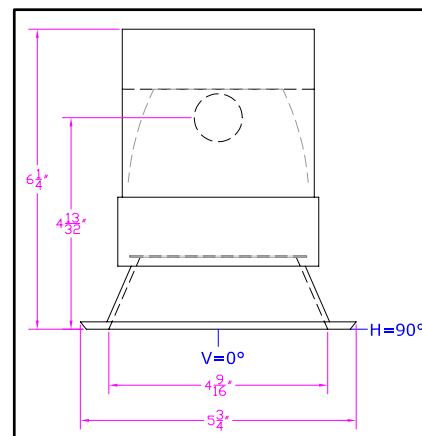


**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : L05101203.IES**
**DESCRIPTION INFORMATION (From Photometric File)**

IESNA:LM-63-2002  
 [TEST] L0510-1203  
 [TESTLAB] LIGHT LABORATORY INC  
 [ISSUE DATE] 5/27/2010  
 [MANUFAC] PRUDENTIAL LIGHTING  
 [LUMCAT] P-42-1T8-04-WA-JW  
 [LUMINAIRE] 49-3/4"L. X 5-3/4"W. X 6-1/4"H. LINEAR FLUORESCENT RECESSED LUMINAIRE  
 [MORE] WHITE REFLECTOR  
 [MORE] DIFFUSE FILM LENS  
 [BALLASTCAT] UNIVERSAL B132IUNVHP-B  
 [BALLAST] 120 TO 277VAC 50/60Hz ELECTRONIC  
 [LAMPPOSITION] 0,90  
 [LAMPCAT] SYLVANIA F032/835/ECO  
 [\_LAMPLUM] 2950  
 [\_INPUT] 120VAC, 29.36W

**CHARACTERISTICS**

Lumens Per Lamp	2950 (1 lamp)
Total Lamp Lumens	2950
Luminaire Lumens	1457
Total Luminaire Efficiency	49 %
Luminaire Efficacy Rating (LER)	50
Total Luminaire Watts	29.36
Ballast Factor	1.00
CIE Type	Direct
Spacing Criteria (0-180)	1.26
Spacing Criteria (90-270)	1.14
Spacing Criteria (Diagonal)	1.28
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	4.04 ft
Luminous Width (90-270)	0.38 ft
Luminous Height	0.00 ft


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

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	4032	3388	2952
55	3920	2784	2320
65	3779	2188	1442
75	3437	947	866
85	2009	964	884

IES INDOOR REPORT  
PHOTOMETRIC FILENAME : L05101203.IES

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>	609	609	609	609	609
<b>5</b>	606	606	606	606	608
<b>15</b>	584	584	583	581	583
<b>25</b>	542	541	533	517	511
<b>35</b>	482	477	446	417	407
<b>45</b>	407	391	342	309	298
<b>55</b>	321	289	228	202	190
<b>65</b>	228	178	132	99	87
<b>75</b>	127	77	35	33	32
<b>85</b>	25	12	12	11	11
<b>90</b>	0	0	0	0	0

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : L05101203.IES**

**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-30	335.92	11.40	23.10
0-40	603.02	20.40	41.40
0-60	1131.22	38.30	77.70
0-90	1456.73	49.40	100.00
90-120	0.00	0.00	0.00
90-130	0.00	0.00	0.00
90-150	0.00	0.00	0.00
90-180	0.00	0.00	0.00
0-180	1456.73	49.40	100.00

Total Luminaire Efficiency = 49.40%

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	14.53
10-20	113.08
20-30	208.32
30-40	267.10
40-50	279.75
50-60	248.45
60-70	182.70
70-80	101.76
80-90	41.04
90-100	0.00
100-110	0.00
110-120	0.00
120-130	0.00
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00

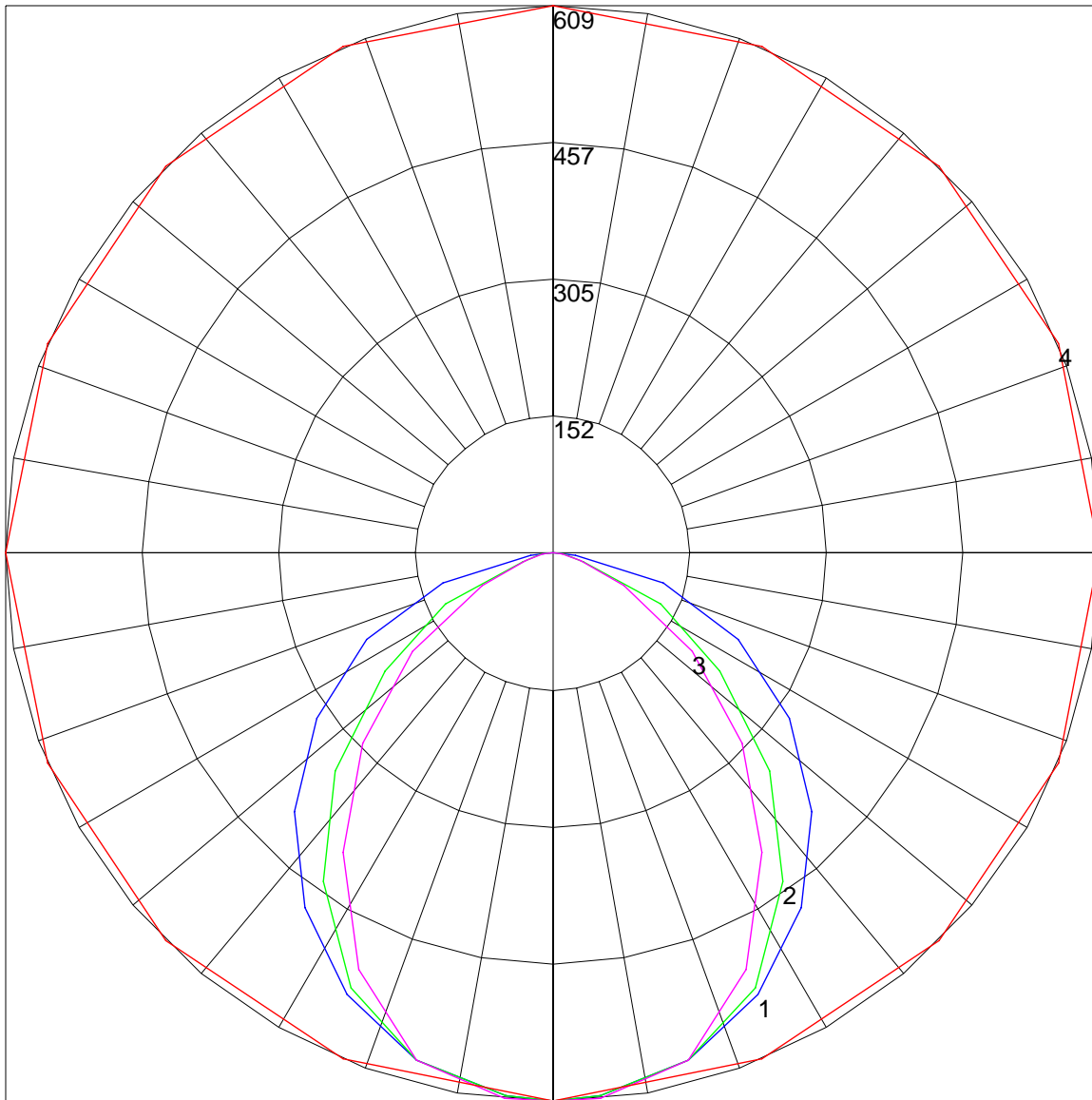
**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : L05101203.IES**

**COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD**

Effective Floor Cavity Reflectance 0.20

RC RW	80				70				50			30			10			0
	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
0	59	59	59	59	57	57	57	57	55	55	55	53	53	53	50	50	50	49
1	53	51	49	47	52	50	48	46	48	46	44	46	44	43	44	43	42	41
2	48	44	41	38	47	43	40	37	41	39	36	40	37	35	38	36	35	33
3	44	38	34	31	43	38	34	31	36	33	30	35	32	29	33	31	29	28
4	40	34	29	26	39	33	29	26	32	28	25	31	28	25	30	27	25	23
5	37	30	25	22	36	29	25	22	28	25	22	27	24	21	26	23	21	20
6	34	27	22	19	33	26	22	19	25	22	19	25	21	18	24	21	18	17
7	31	24	20	16	30	24	19	16	23	19	16	22	19	16	21	18	16	15
8	29	22	17	14	28	21	17	14	21	17	14	20	17	14	20	16	14	13
9	27	20	16	13	26	20	16	13	19	15	13	18	15	13	18	15	13	12
10	25	18	14	11	24	18	14	11	17	14	11	17	14	11	17	13	11	10

POLAR GRAPH



Maximum Candela = 609 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.