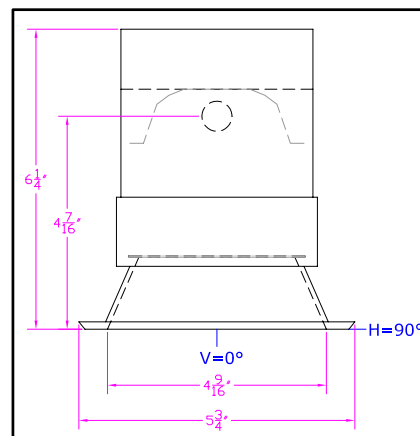


IES INDOOR REPORT
PHOTOMETRIC FILENAME : L05101208.IES
DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST] L0510-1208
 [TESTLAB] LIGHT LABORATORY INC
 [ISSUE DATE] 5/27/2010
 [MANUFAC] PRUDENTIAL LIGHTING
 [LUMCAT] P-42-1T5-04-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] PHILIPS ADVANCE ICN-2S28-N
 [BALLAST] 120 TO 277VAC 50/60Hz ELECTRONIC
 [LAMPPOSITION] 0,90
 [LAMPCAT] SYLVANIA FP28/835/ECO
 [_LAMPLUM] 2900
 [_INPUT] 120VAC, 31.46W

CHARACTERISTICS

Lumens Per Lamp	2900 (1 lamp)
Total Lamp Lumens	2900
Luminaire Lumens	1435
Total Luminaire Efficiency	49 %
Luminaire Efficacy Rating (LER)	46
Total Luminaire Watts	31.46
Ballast Factor	1.00
CIE Type	Direct
Spacing Criteria (0-180)	1.26
Spacing Criteria (90-270)	1.12
Spacing Criteria (Diagonal)	1.26
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	4012	3299	2863
55	3896	2797	2247
65	3746	2105	1392
75	3383	974	893
85	1045	964	884

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PHOTOMETRIC FILENAME : L05101208.IES

CANDELA TABULATION

	<u>0.0</u>	<u>22.5</u>	<u>45.0</u>	<u>67.5</u>	<u>90.0</u>
0	612	612	612	612	612
5	608	609	608	608	610
15	585	585	583	580	581
25	542	540	528	507	500
35	481	473	436	405	395
45	405	385	333	299	289
55	319	285	229	193	184
65	226	173	127	95	84
75	125	75	36	34	33
85	13	12	12	11	11
90	0	0	0	0	0

IES INDOOR REPORT
PHOTOMETRIC FILENAME : L05101208.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-30	335.16	11.60	23.40
0-40	598.56	20.60	41.70
0-60	1116.34	38.50	77.80
0-90	1434.52	49.50	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	1434.52	49.50	100.00

Total Luminaire Efficiency = 49.50%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	14.59
10-20	113.28
20-30	207.29
30-40	263.40
40-50	274.21
50-60	243.57
60-70	178.85
70-80	99.57
80-90	39.75
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

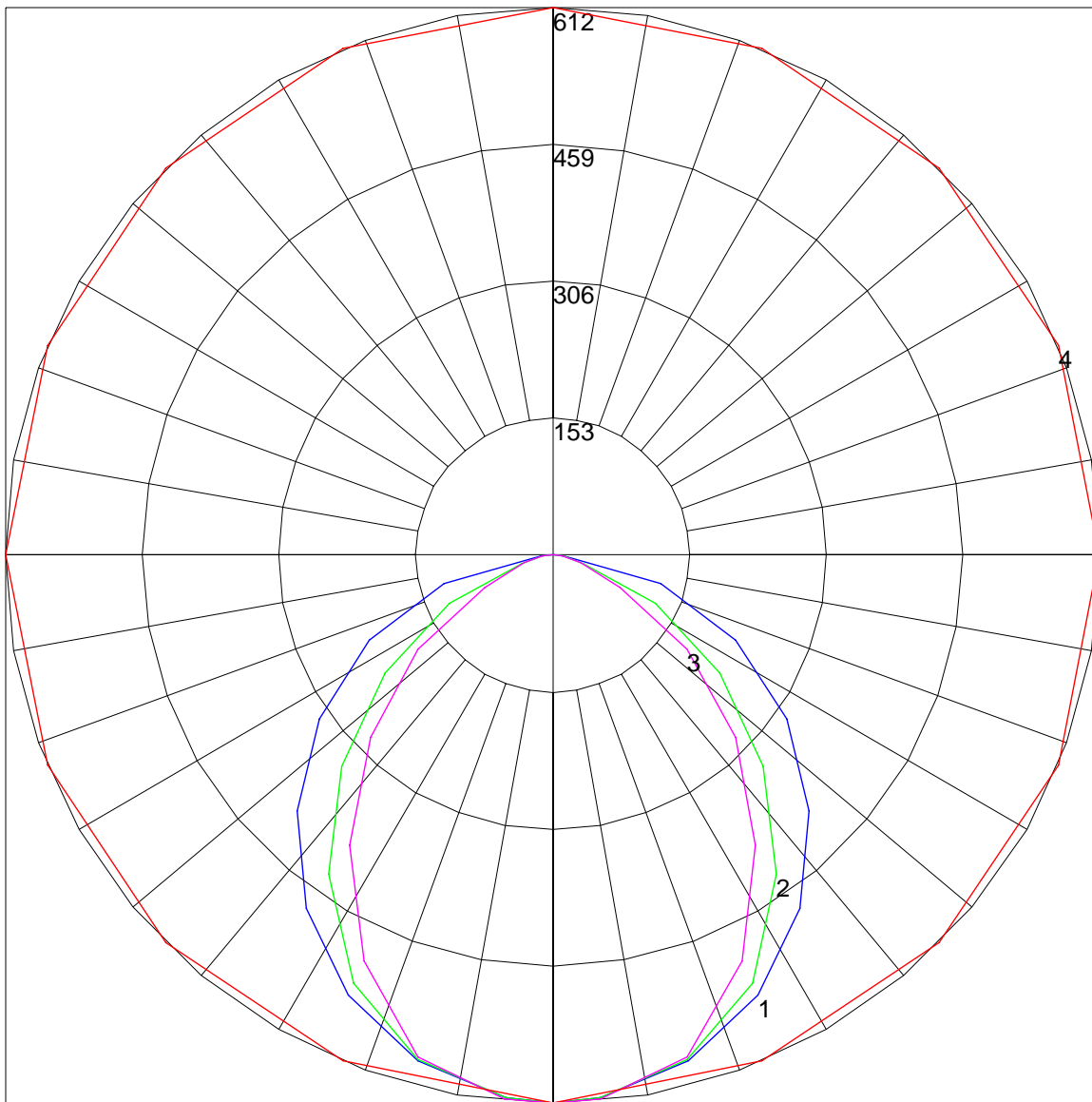
IES INDOOR REPORT
 PHOTOMETRIC FILENAME : L05101208.IES

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	58	58	58	58	55	55	55	53	53	53	50	50	50	49
1	53	51	49	47	52	50	48	46	48	46	45	46	44	43	44	43	42	41
2	48	44	41	38	47	43	40	37	41	39	36	40	38	36	38	36	35	34
3	44	39	34	31	43	38	34	31	36	33	30	35	32	30	34	31	29	28
4	40	34	29	26	39	33	29	26	32	28	25	31	28	25	30	27	25	24
5	37	30	25	22	36	30	25	22	28	25	22	27	24	21	27	24	21	20
6	34	27	22	19	33	26	22	19	26	22	19	25	21	19	24	21	18	17
7	31	24	20	17	30	24	20	17	23	19	16	22	19	16	22	18	16	15
8	29	22	18	15	28	22	17	15	21	17	14	20	17	14	20	17	14	13
9	27	20	16	13	26	20	16	13	19	15	13	19	15	13	18	15	13	12
10	25	18	14	12	24	18	14	12	18	14	11	17	14	11	17	14	11	10

POLAR GRAPH



Maximum Candela = 612 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.