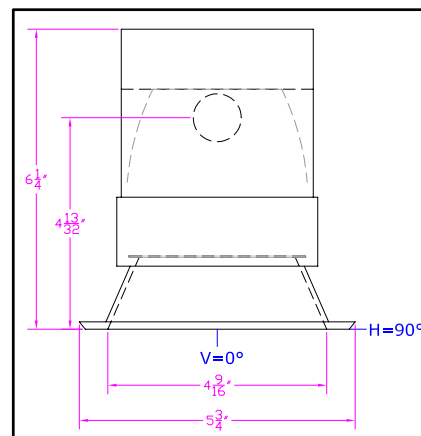


IES INDOOR REPORT
PHOTOMETRIC FILENAME : L05101207.IES
DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] L0510-1207
[TESTLAB] LIGHT LABORATORY INC
[ISSUE DATE] 5/27/2010
[MANUFAC] PRUDENTIAL LIGHTING
[LUMCAT] P-42-1T8-04-LPA-JW
[LUMINAIRE] 49-3/4"L. X 5-3/4"W. X 6-1/4"H. LINEAR FLUORESCENT RECESSED LUMINAIRE
[MORE] WHITE REFLECTOR
[MORE] LINEAR PRISMATIC 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, 29.38W

CHARACTERISTICS

Lumens Per Lamp	2950 (1 lamp)
Total Lamp Lumens	2950
Luminaire Lumens	1702
Total Luminaire Efficiency	58 %
Luminaire Efficacy Rating (LER)	58
Total Luminaire Watts	29.38
Ballast Factor	1.00
CIE Type	Direct
Spacing Criteria (0-180)	1.22
Spacing Criteria (90-270)	0.98
Spacing Criteria (Diagonal)	1.10
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	5290	3249	2179
55	4629	2015	1710
65	3829	1707	1608
75	2950	1056	920
85	1688	1045	964

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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>
0	928	928	928	928	928
5	922	923	921	921	923
15	884	881	869	856	854
25	806	795	754	689	661
35	689	662	529	424	397
45	534	477	328	240	220
55	379	306	165	149	140
65	231	151	103	102	97
75	109	67	39	35	34
85	21	13	13	12	12
90	0	0	0	0	0

IES INDOOR REPORT
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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-30	494.24	16.80	29.00
0-40	845.36	28.70	49.70
0-60	1401.77	47.50	82.40
0-90	1701.66	57.70	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	1701.66	57.70	100.00

Total Luminaire Efficiency = 57.70%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	22.11
10-20	170.27
20-30	301.85
30-40	351.12
40-50	315.04
50-60	241.37
60-70	165.93
70-80	94.23
80-90	39.73
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

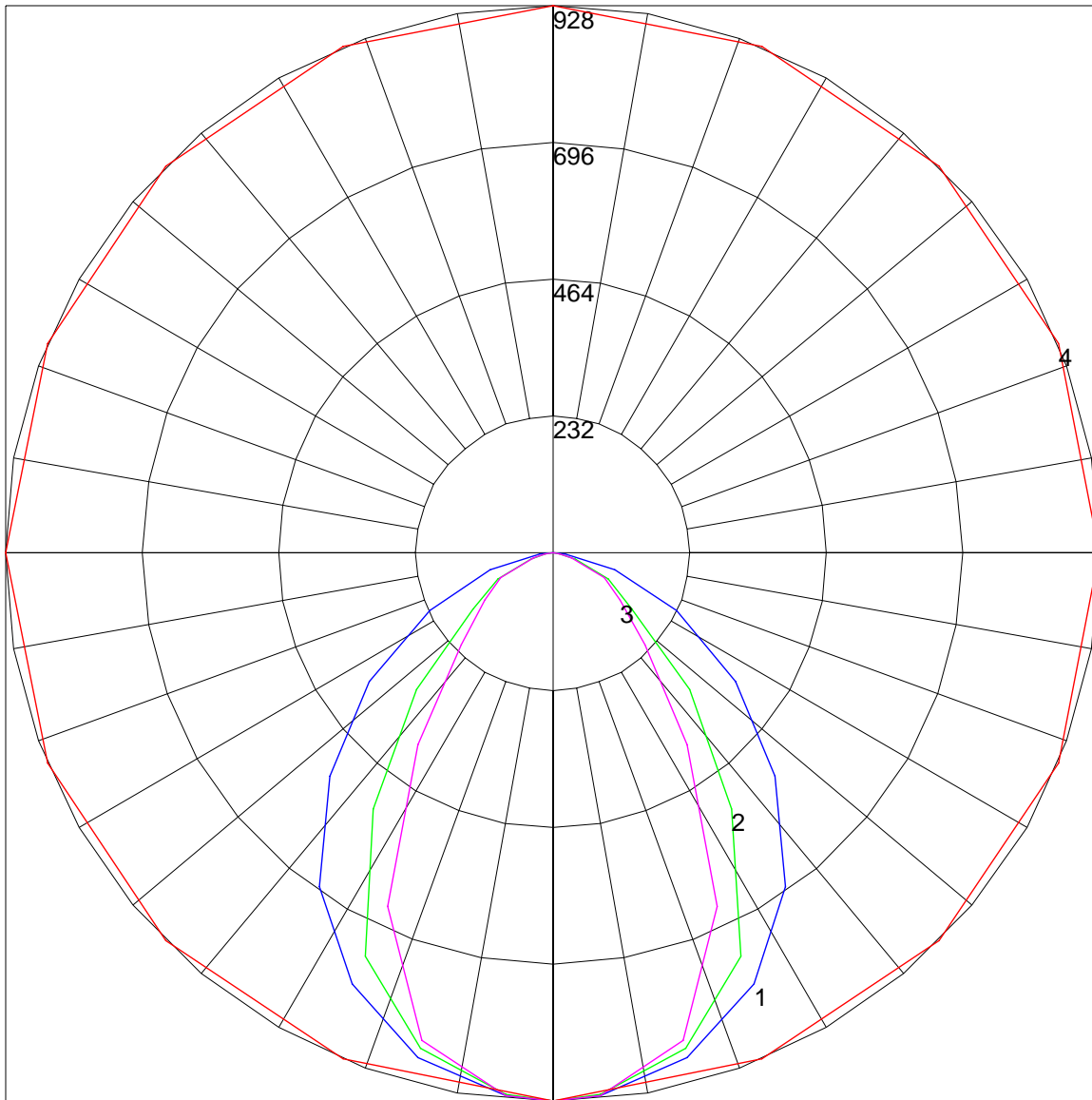
IES INDOOR REPORT
PHOTOMETRIC FILENAME : L05101207.IES

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	69	69	69	69	67	67	67	67	64	64	64	61	61	61	59	59	59	58
1	63	60	58	56	61	59	57	55	56	55	53	54	53	51	52	51	50	49
2	57	53	49	46	56	52	48	45	50	47	44	48	45	43	46	44	42	41
3	53	47	42	38	51	46	41	38	44	40	37	42	39	37	41	38	36	35
4	48	41	36	33	47	41	36	32	39	35	32	38	34	32	37	34	31	30
5	44	37	32	28	43	36	32	28	35	31	28	34	30	27	33	30	27	26
6	41	33	28	25	40	33	28	25	32	27	24	31	27	24	30	27	24	23
7	38	30	25	22	37	30	25	22	29	25	21	28	24	21	27	24	21	20
8	35	28	23	19	34	27	22	19	26	22	19	26	22	19	25	21	19	18
9	33	25	20	17	32	25	20	17	24	20	17	24	20	17	23	19	17	16
10	31	23	19	16	30	23	18	16	22	18	15	22	18	15	21	18	15	14

POLAR GRAPH



Maximum Candela = 928 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.