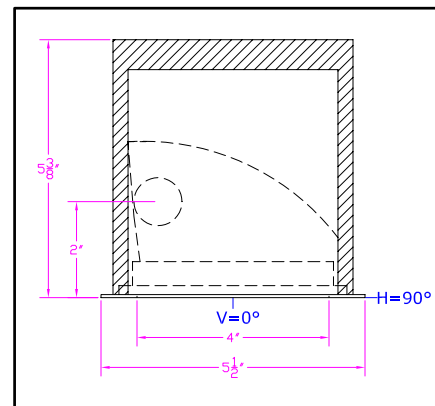


IES INDOOR REPORT
PHOTOMETRIC FILENAME : L08110708.IES
DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST] L08110708
 [TESTLAB] LIGHT LABORATORY, INC.
 [ISSUEDATE] 8/26/2011
 [MANUFAC] PRUDENTIAL LIGHTING
 [LUMCAT] BIO-MOD-FLSH-1T8-04'-AWW-TMW-D1W-SC-120-X3
 [LUMINAIRE] 5-1/2"L. X 49-5/16"W. X 5-3/8"H. RECESSED FLUSH MOUNT ASYMMETRIC WALL WASH LUMINAIRE
 [MORE] ONE 32W T8 LAMP, HAMMERONE REFLECTOR
 [MORE] ACRYLIC ASYMMETRIC WALL WASH LENS
 [BALLASTCAT] PHILIPS ADVANCE IOP-1P32-SC
 [BALLAST] 120 TO 277V 50/60Hz ELECTRONIC
 [LAMPPOSITION] 90,90
 [LAMPCAT] PHILIPS F32T8/TL841/ALTO
 [_LAMPLUM] 2950
 [_INPUT] 120VAC, 28.139W

CHARACTERISTICS

Lumens Per Lamp	2950 (1 lamp)
Total Lamp Lumens	2950
Luminaire Lumens	2061
Total Luminaire Efficiency	70 %
Luminaire Efficacy Rating (LER)	73
Total Luminaire Watts	28.139
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.18
Spacing Criterion (90-270)	1.18
Spacing Criterion (Diagonal)	1.12
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	0.33 ft
Luminous Width (90-270)	4.00 ft
Luminous Height	0.00 ft


LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	5412	6223	6371
55	4659	5095	5264
65	4336	4241	3974
75	4242	3962	2901
85	4632	4076	2223

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>	<u>112.5</u>	<u>135.0</u>	<u>157.5</u>	<u>180.0</u>
0	1054	1054	1054	1054	1054	1054	1054	1054	1054
5	1149	1139	1120	1089	1046	1004	964	938	932
10	1182	1171	1147	1101	1026	945	869	820	806
15	1167	1160	1143	1094	994	875	769	706	686
20	1096	1101	1106	1066	949	797	673	594	569
25	978	996	1032	1017	893	717	581	497	472
30	836	860	923	946	825	638	497	418	395
35	697	722	793	851	745	561	423	352	331
40	575	596	663	737	656	485	360	296	277
45	474	489	545	616	558	417	303	242	232
50	390	401	441	500	458	349	241	206	195
55	331	335	362	407	374	290	202	175	166
60	276	277	286	315	285	218	168	143	137
65	227	227	222	235	208	175	130	114	110
70	181	181	172	168	145	126	98	88	85
75	136	136	127	112	93	85	71	66	64
80	91	90	85	68	53	52	48	47	47
85	50	48	44	35	24	26	27	27	28
90	0	0	0	0	0	0	0	0	0

IES INDOOR REPORT
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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-30	738.17	25.00	35.80
0-40	1126.27	38.20	54.60
0-60	1734.97	58.80	84.20
0-90	2061.07	69.90	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	2061.07	69.90	100.00

Total Luminaire Efficiency = 69.90%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	98.46
10-20	269.04
20-30	370.67
30-40	388.10
40-50	341.13
50-60	267.57
60-70	184.64
70-80	105.66
80-90	35.80
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

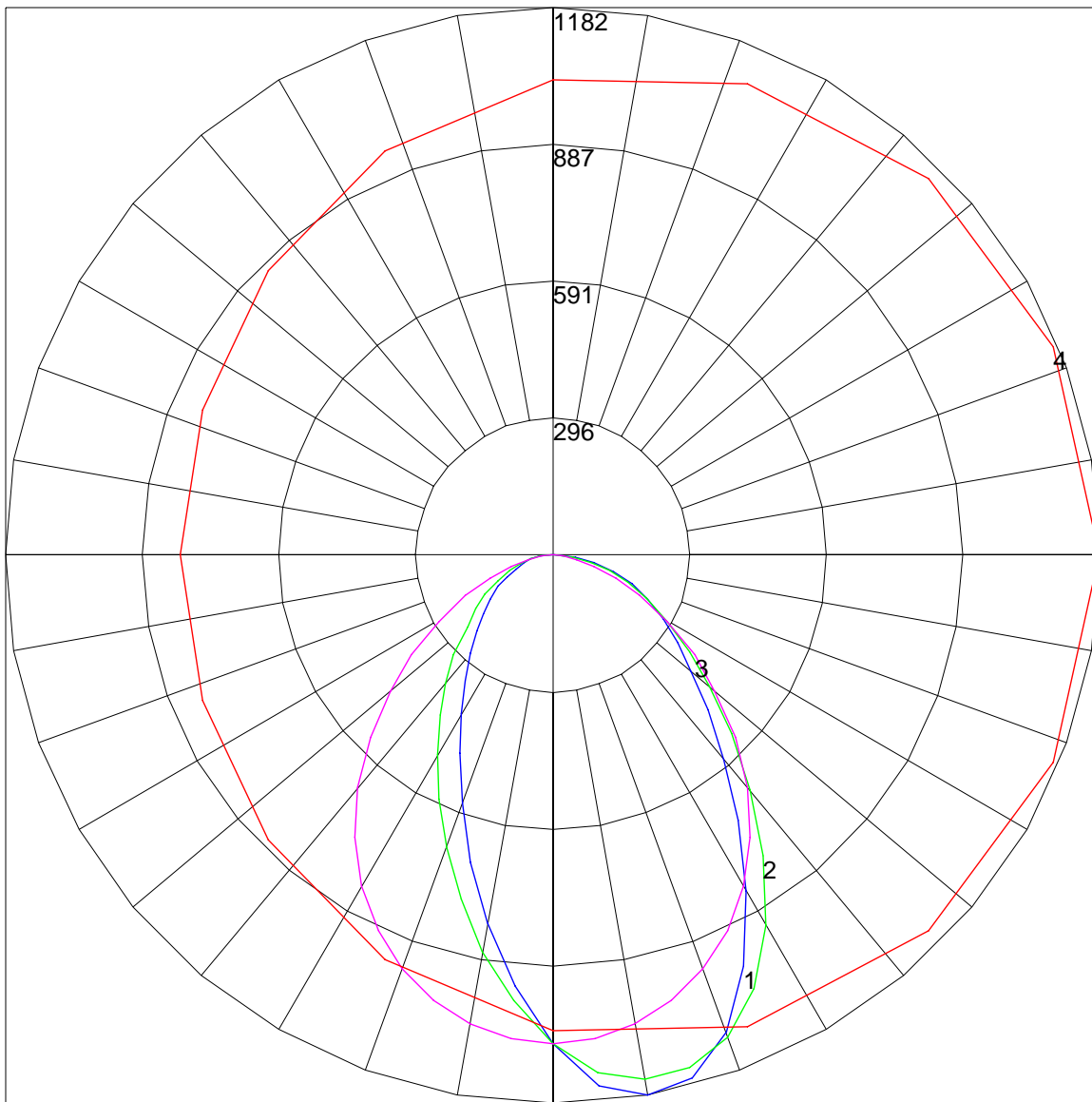
IES INDOOR REPORT
PHOTOMETRIC FILENAME : L08110708.IES

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	83	83	83	83	81	81	81	81	78	78	78	74	74	74	71	71	71	70
1	77	74	71	68	75	72	70	67	69	67	65	66	65	63	64	63	61	60
2	70	65	61	57	69	64	60	56	61	58	55	59	56	54	57	55	53	51
3	65	58	53	49	63	57	52	48	55	51	47	53	50	47	51	48	46	44
4	60	52	46	42	58	51	46	42	49	45	41	48	44	41	46	43	40	39
5	55	47	41	37	54	46	41	37	45	40	36	44	39	36	42	39	36	34
6	51	43	37	33	50	42	37	33	41	36	32	40	35	32	39	35	32	30
7	48	39	33	29	47	39	33	29	38	33	29	37	32	29	36	32	29	27
8	45	36	30	27	44	36	30	26	35	30	26	34	29	26	33	29	26	25
9	42	33	28	24	41	33	28	24	32	27	24	31	27	24	31	27	24	23
10	40	31	26	22	39	31	26	22	30	25	22	29	25	22	29	25	22	21

POLAR GRAPH



Maximum Candela = 1182 Located At Horizontal Angle = 0, Vertical Angle = 10
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 (10) (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.