



IES INDOOR REPORT

PHOTOMETRIC FILENAME : L121400202.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST] L121400202
 [TESTLAB] LIGHT LABORATORY, INC.
 [ISSUE DATE] 12/3/2014
 [MANUFAC] PRUDENTIAL LIGHTING
 [LUMCAT] Winq14-LED35HO-ABW-xxx-SC-UNV-xx
 [LUMINAIRE] 48"L. X 12"W. X 5"H. LED LUMINAIRE
 [MORE] DIFFUSED LENS
 [BALLASTCAT] OSRAM OPTOTRONIC OT48W/PRG2000C/UNV/DIM/L (TWO DRIVERS)
 [BALLAST] INPUT: 120-277VAC, 0.52-0.23A, 50/60Hz. OUTPUT: 48W, 10-55VDC, 700-2000mA
 [LAMPPOSITION] 0,0
 [LAMPCAT] N/A
 [OTHER] INDICATING THE CANDELA VALUES ARE ABSOLUTE AND
 [MORE] SHOULD NOT BE FACTORED FOR DIFFERENT LAMP RATINGS.
 [INPUT] 120VAC, 86.09W
 [TEST PROCEDURE] IESNA:LM-79-08

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	6756
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	78
Total Luminaire Watts	86.09
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.20
Spacing Criterion (90-270)	1.44
Spacing Criterion (Diagonal)	1.44
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	3.81 ft
Luminous Width (90-270)	0.79 ft
Luminous Height	0.00 ft

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LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	7574	9226	7887
55	6678	7195	5643
65	5706	5504	4405
75	4500	4045	3410
85	3402	2624	2255

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CANDELA TABULATION

	0.0	22.5	45.0	67.5	90.0
0	2550	2550	2550	2550	2550
5	2527	2531	2540	2546	2547
10	2480	2493	2519	2544	2553
15	2410	2428	2493	2570	2601
20	2313	2348	2477	2629	2692
25	2193	2252	2464	2679	2749
30	2048	2136	2431	2631	2667
35	1884	2004	2328	2419	2392
40	1698	1851	2126	2065	1989
45	1499	1662	1826	1655	1561
50	1282	1436	1478	1274	1189
55	1072	1191	1155	971	906
60	877	968	893	747	700
65	675	732	651	551	521
70	489	519	453	390	371
75	326	338	293	256	247
80	188	191	167	151	148
85	83	77	64	57	55
90	0	0	0	0	0

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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	950.44	N.A.	14.10
0-30	2084.65	N.A.	30.90
0-40	3463.35	N.A.	51.30
0-60	5722.3	N.A.	84.70
0-80	6673.89	N.A.	98.80
0-90	6756.3	N.A.	100.00
10-90	6514.58	N.A.	96.40
20-40	2512.9	N.A.	37.20
20-50	3797.88	N.A.	56.20
40-70	2892.98	N.A.	42.80
60-80	951.59	N.A.	14.10
70-80	317.57	N.A.	4.70
80-90	82.40	N.A.	1.20
90-110	0.00	N.A.	0.00
90-120	0.00	N.A.	0.00
90-130	0.00	N.A.	0.00
90-150	0.00	N.A.	0.00
90-180	0.00	N.A.	0.00
110-180	0.00	N.A.	0.00
0-180	6756.3	N.A.	100.00

Total Luminaire Efficiency = N.A.%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	241.72
10-20	708.72
20-30	1134.21
30-40	1378.7
40-50	1284.97
50-60	973.98
60-70	634.02
70-80	317.57
80-90	82.40
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

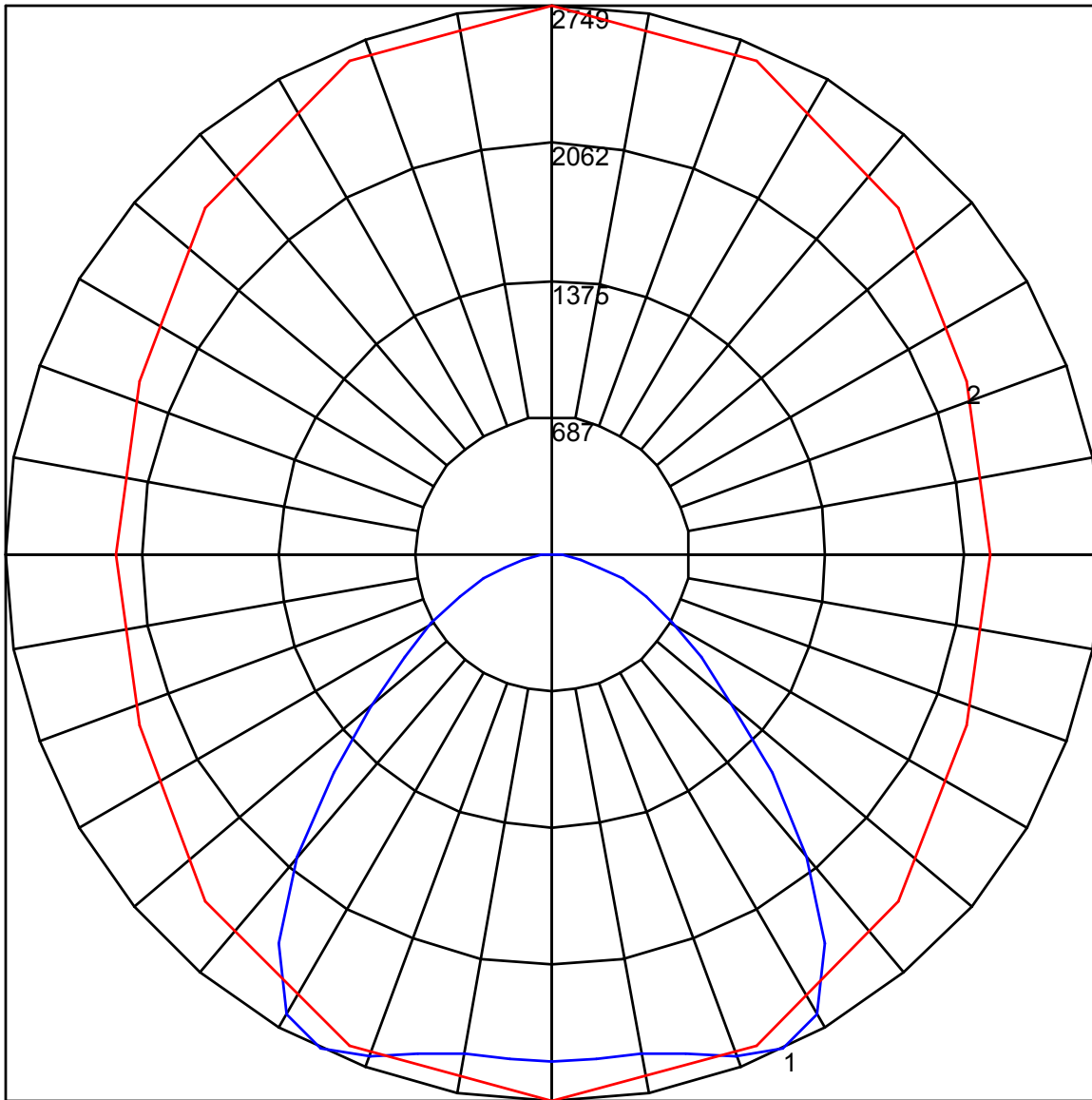
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COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

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	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	110	105	101	98	107	103	100	96	99	96	93	95	93	90	91	90	88	86
2	101	93	87	81	98	91	85	80	88	83	78	84	80	77	81	78	75	73
3	92	82	75	69	90	81	74	68	78	72	67	75	70	66	73	68	65	62
4	85	73	65	59	83	72	64	58	70	63	58	67	62	57	65	60	56	54
5	78	66	57	51	76	65	57	51	63	56	50	61	55	50	59	54	49	47
6	72	60	51	45	70	59	51	45	57	50	44	55	49	44	54	48	43	41
7	67	54	46	40	65	53	45	40	52	45	39	50	44	39	49	43	39	37
8	63	49	41	36	61	49	41	35	47	40	35	46	40	35	45	39	35	33
9	59	45	37	32	57	45	37	32	44	37	32	43	36	32	42	36	32	30
10	55	42	34	29	54	41	34	29	40	34	29	40	33	29	39	33	29	27

POLAR GRAPH



Maximum Candela = 2749 Located At Horizontal Angle = 90, Vertical Angle = 25
1 - Vertical Plane Through Horizontal Angles (90 - 270) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (25) (Through Max. Cd.)