



IES INDOOR REPORT

PHOTOMETRIC FILENAME : WING22-LED35-SO-ABW.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST] L091404001
 [TESTLAB] LIGHT LABORATORY, INC.
 [ISSUE DATE] 9/22/2014
 [MANUFAC] PRUDENTIAL LIGHTING
 [LUMCAT] Wing22-LED35-SO-ABW
 [LUMINAIRE] 24-1/4"L. X 23-3/4"W. X 5"H. LED LUMINAIRE
 [MORE] DIFFUSED LENS
 [BALLASTCAT] OSRAM OPTOTRONIC
 [BALLAST] INPUT: 120-277VAC
 [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
 [TEST PROCEDURE] IESNA:LM-79-08

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	3397
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	89
Total Luminaire Watts	38
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.18
Spacing Criterion (90-270)	1.38
Spacing Criterion (Diagonal)	1.38
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	1.83 ft
Luminous Width (90-270)	1.79 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	3478	4072	4029
55	2996	3258	3000
65	2551	2551	2277
75	1982	1961	1799
85	1458	1519	1330

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CANDELA TABULATION

	0.0	22.5	45.0	67.5	90.0
0	1325.168	1325.168	1325.168	1325.168	1325.168
5	1315.725	1316.349	1318.325	1319.781	1320.966
10	1288.352	1291.659	1300.582	1310.046	1315.267
15	1245.712	1253.429	1275.352	1298.877	1310.150
20	1188.949	1207.627	1243.528	1287.104	1306.448
25	1119.768	1142.502	1211.059	1272.710	1299.584
30	1036.984	1074.341	1164.301	1240.970	1265.701
35	946.629	998.234	1108.370	1164.197	1178.798
40	855.171	910.936	1015.955	1037.088	1040.749
45	749.154	811.824	877.011	873.371	867.714
50	635.045	697.736	723.570	697.549	686.878
55	523.494	575.578	569.234	536.245	524.098
60	428.251	463.902	442.874	409.989	399.693
65	328.411	347.360	328.370	302.411	293.093
70	238.826	247.187	232.170	213.366	207.459
75	156.250	163.550	154.586	145.018	141.814
80	89.918	95.160	92.893	87.339	84.510
85	38.709	41.309	40.331	36.837	35.318
90	0.000	0.000	0.000	0.000	0.000

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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	486.11	N.A.	14.30
0-30	1043.16	N.A.	30.70
0-40	1717.1	N.A.	50.50
0-60	2863.29	N.A.	84.30
0-80	3351.43	N.A.	98.70
0-90	3397.27	N.A.	100.00
10-90	3271.97	N.A.	96.30
20-40	1230.99	N.A.	36.20
20-50	1878.79	N.A.	55.30
40-70	1469.27	N.A.	43.20
60-80	488.14	N.A.	14.40
70-80	165.06	N.A.	4.90
80-90	45.84	N.A.	1.30
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	3397.27	N.A.	100.00

Total Luminaire Efficiency = N.A.%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	125.30
10-20	360.81
20-30	557.05
30-40	673.94
40-50	647.80
50-60	498.38
60-70	323.08
70-80	165.06
80-90	45.84
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

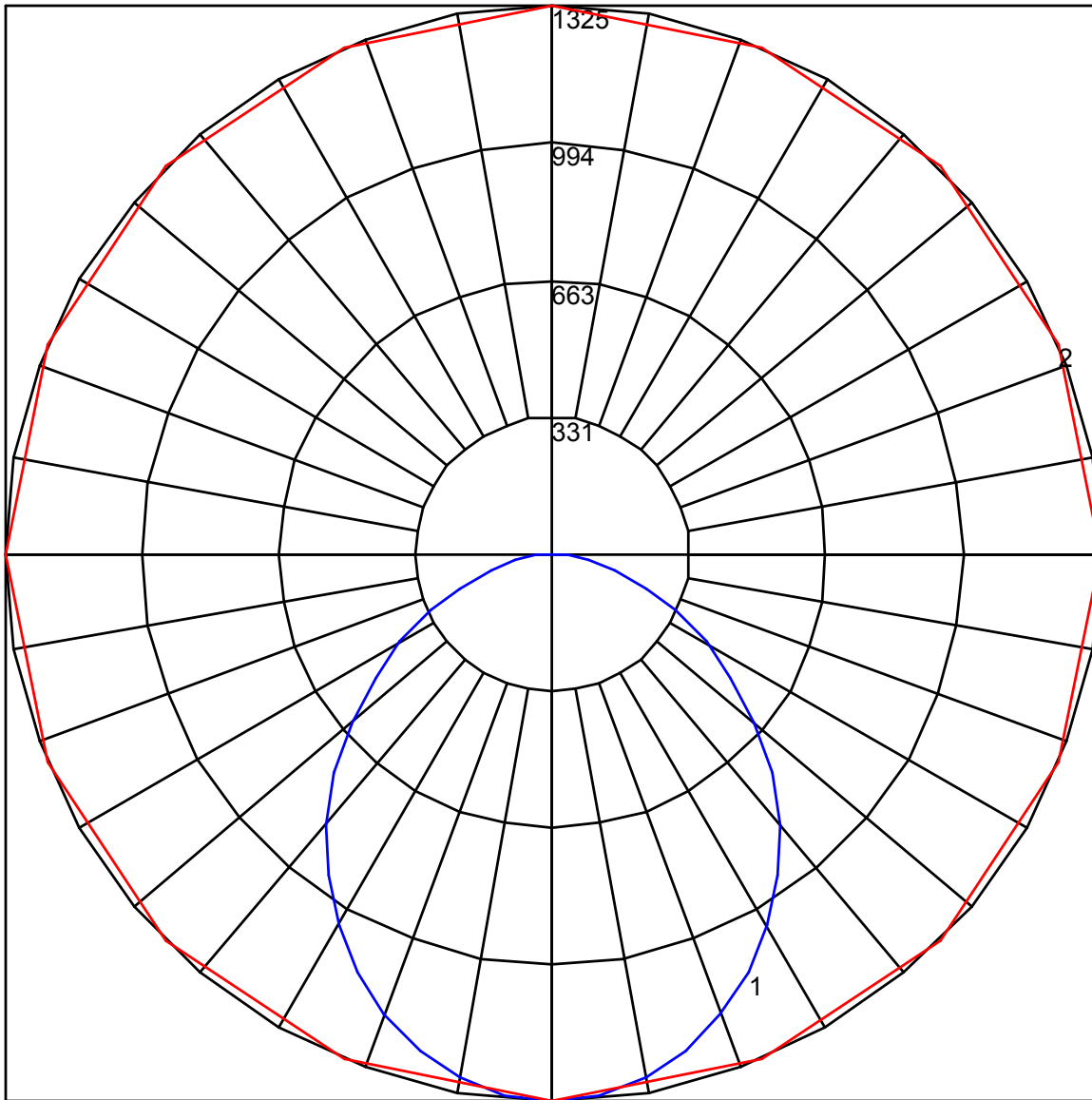
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COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

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	99	96	99	96	93	95	92	90	91	89	88	86
2	100	93	86	81	98	91	85	80	87	82	78	84	80	76	81	78	75	73
3	92	82	74	68	90	81	73	68	78	71	66	75	70	65	72	68	64	62
4	85	73	65	58	82	72	64	58	69	63	57	67	61	57	65	60	56	54
5	78	66	57	51	76	65	57	50	63	55	50	61	54	49	59	53	49	47
6	72	59	51	45	70	58	50	44	57	49	44	55	49	44	53	48	43	41
7	67	54	45	40	65	53	45	39	52	44	39	50	44	39	49	43	39	37
8	62	49	41	35	61	49	41	35	47	40	35	46	40	35	45	39	35	33
9	58	45	37	32	57	45	37	32	44	37	32	43	36	32	42	36	31	30
10	55	42	34	29	54	41	34	29	40	34	29	39	33	29	39	33	29	27

POLAR GRAPH



Maximum Candela = 1325.168 Located At Horizontal Angle = 0, Vertical Angle = 0
1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (0) (Through Max. Cd.)