



IES INDOOR REPORT

PHOTOMETRIC FILENAME : WING22-LED35-LO-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-LO-ABW
 [LUMINAIRE] 24-1/4"L. X 23-3/4"W. X 5"H. LED LUMINAIRE
 [MORE] DIFFUSED LENS
 [BALLASTCAT] OSRAM OPTOTRONIC OT30W/PRG1050C/UNV/DIM/L
 [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, 17.25W
 [TEST PROCEDURE] IESNA:LM-79-08

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	1633
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	95
Total Luminaire Watts	17.25
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	1672	1958	1937
55	1441	1566	1442
65	1226	1226	1095
75	953	943	865
85	701	730	640

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CANDELA TABULATION

	0.0	22.5	45.0	67.5	90.0
0	637.10	637.10	637.10	637.10	637.10
5	632.56	632.86	633.81	634.51	635.08
10	619.40	620.99	625.28	629.83	632.34
15	598.90	602.61	613.15	624.46	629.88
20	571.61	580.59	597.85	618.80	628.10
25	538.35	549.28	582.24	611.88	624.80
30	498.55	516.51	559.76	596.62	608.51
35	455.11	479.92	532.87	559.71	566.73
40	411.14	437.95	488.44	498.60	500.36
45	360.17	390.30	421.64	419.89	417.17
50	305.31	335.45	347.87	335.36	330.23
55	251.68	276.72	273.67	257.81	251.97
60	205.89	223.03	212.92	197.11	192.16
65	157.89	167.00	157.87	145.39	140.91
70	114.82	118.84	111.62	102.58	99.74
75	75.12	78.63	74.32	69.72	68.18
80	43.23	45.75	44.66	41.99	40.63
85	18.61	19.86	19.39	17.71	16.98
90	0.00	0.00	0.00	0.00	0.00

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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	233.71	N.A.	14.30
0-30	501.52	N.A.	30.70
0-40	825.53	N.A.	50.50
0-60	1376.58	N.A.	84.30
0-80	1611.26	N.A.	98.70
0-90	1633.3	N.A.	100.00
10-90	1573.06	N.A.	96.30
20-40	591.82	N.A.	36.20
20-50	903.27	N.A.	55.30
40-70	706.38	N.A.	43.20
60-80	234.68	N.A.	14.40
70-80	79.36	N.A.	4.90
80-90	22.04	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	1633.3	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	60.24
10-20	173.47
20-30	267.81
30-40	324.01
40-50	311.44
50-60	239.61
60-70	155.33
70-80	79.36
80-90	22.04
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

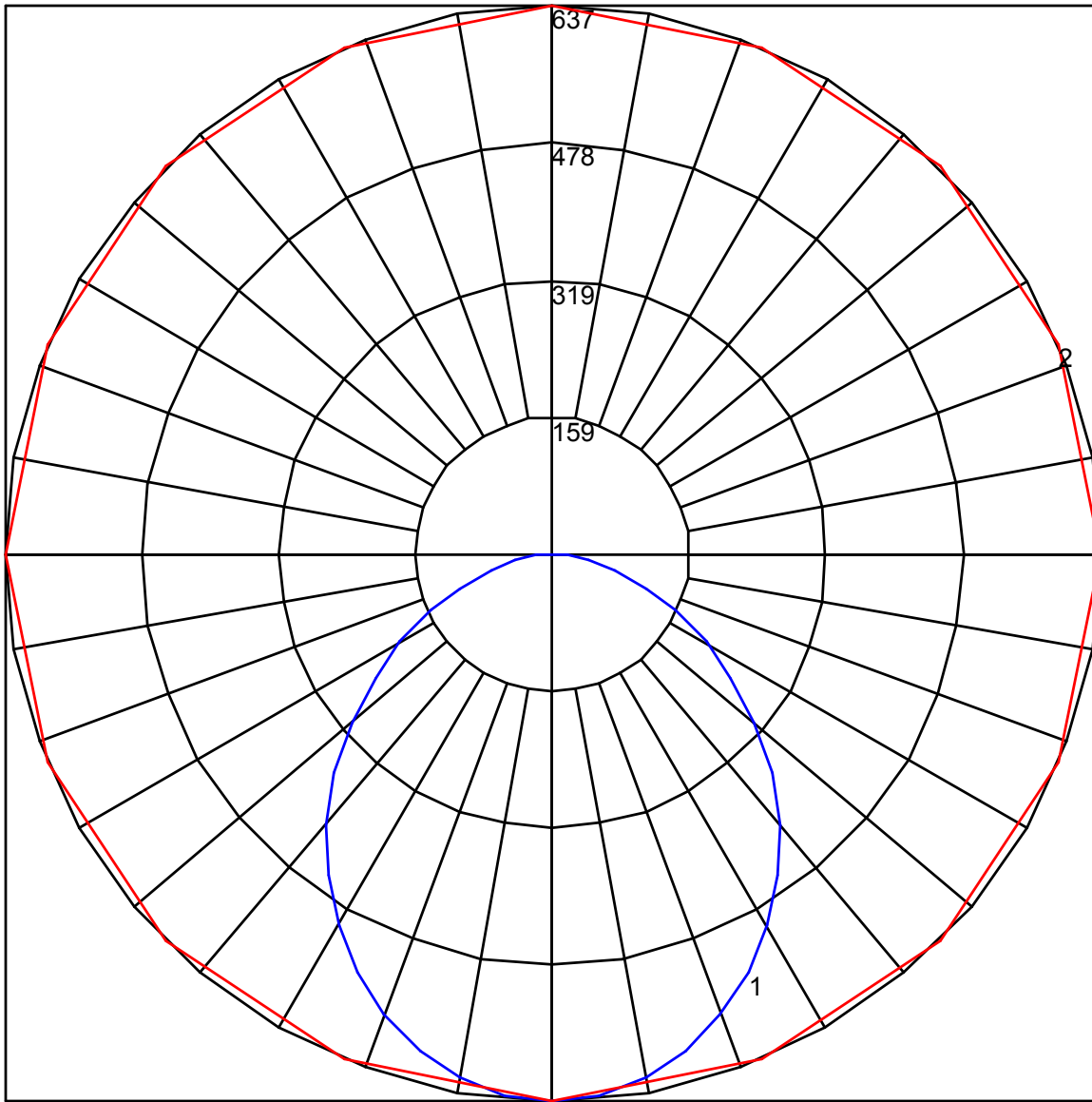
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COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

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	93	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	72	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	46	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 = 637.1 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.)