



IES INDOOR REPORT

PHOTOMETRIC FILENAME : WING14-LED35-LO-ABW.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST] L121400202
 [TESTLAB] LIGHT LABORATORY, INC.
 [ISSUE DATE] 12/3/2014
 [MANUFACT] PRUDENTIAL LIGHTING
 [LUMCAT] Wing14-LED35-MO-ABW
 [LUMINAIRE] 48"L. X 12"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	2797
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	85
Total Luminaire Watts	33
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	3136	3820	3265
55	2764	2979	2336
65	2362	2278	1823
75	1863	1674	1412
85	1409	1086	933

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CANDELA TABULATION

	0.0	22.5	45.0	67.5	90.0
0	1055.700	1055.700	1055.700	1055.700	1055.700
5	1046.178	1047.834	1051.560	1054.044	1054.458
10	1026.720	1032.102	1042.866	1053.216	1056.942
15	997.740	1005.192	1032.102	1063.980	1076.814
20	957.582	972.072	1025.478	1088.406	1114.488
25	907.902	932.328	1020.096	1109.106	1138.086
30	847.872	884.304	1006.434	1089.234	1104.138
35	779.976	829.656	963.792	1001.466	990.288
40	702.972	766.314	880.164	854.910	823.446
45	620.586	688.068	755.964	685.170	646.254
50	530.748	594.504	611.892	527.436	492.246
55	443.808	493.074	478.170	401.994	375.084
60	363.078	400.752	369.702	309.258	289.800
65	279.450	303.048	269.514	228.114	215.694
70	202.446	214.866	187.542	161.460	153.594
75	134.964	139.932	121.302	105.984	102.258
80	77.832	79.074	69.138	62.514	61.272
85	34.362	31.878	26.496	23.598	22.770
90	0.000	0.000	0.000	0.000	0.000

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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	393.48	N.A.	14.10
0-30	863.05	N.A.	30.90
0-40	1433.82	N.A.	51.30
0-60	2369.03	N.A.	84.70
0-80	2762.99	N.A.	98.80
0-90	2797.11	N.A.	100.00
10-90	2697.03	N.A.	96.40
20-40	1040.34	N.A.	37.20
20-50	1572.32	N.A.	56.20
40-70	1197.69	N.A.	42.80
60-80	393.96	N.A.	14.10
70-80	131.47	N.A.	4.70
80-90	34.12	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	2797.11	N.A.	100.00

Total Luminaire Efficiency = N.A.%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	100.07
10-20	293.41
20-30	469.56
30-40	570.78
40-50	531.98
50-60	403.23
60-70	262.49
70-80	131.47
80-90	34.12
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

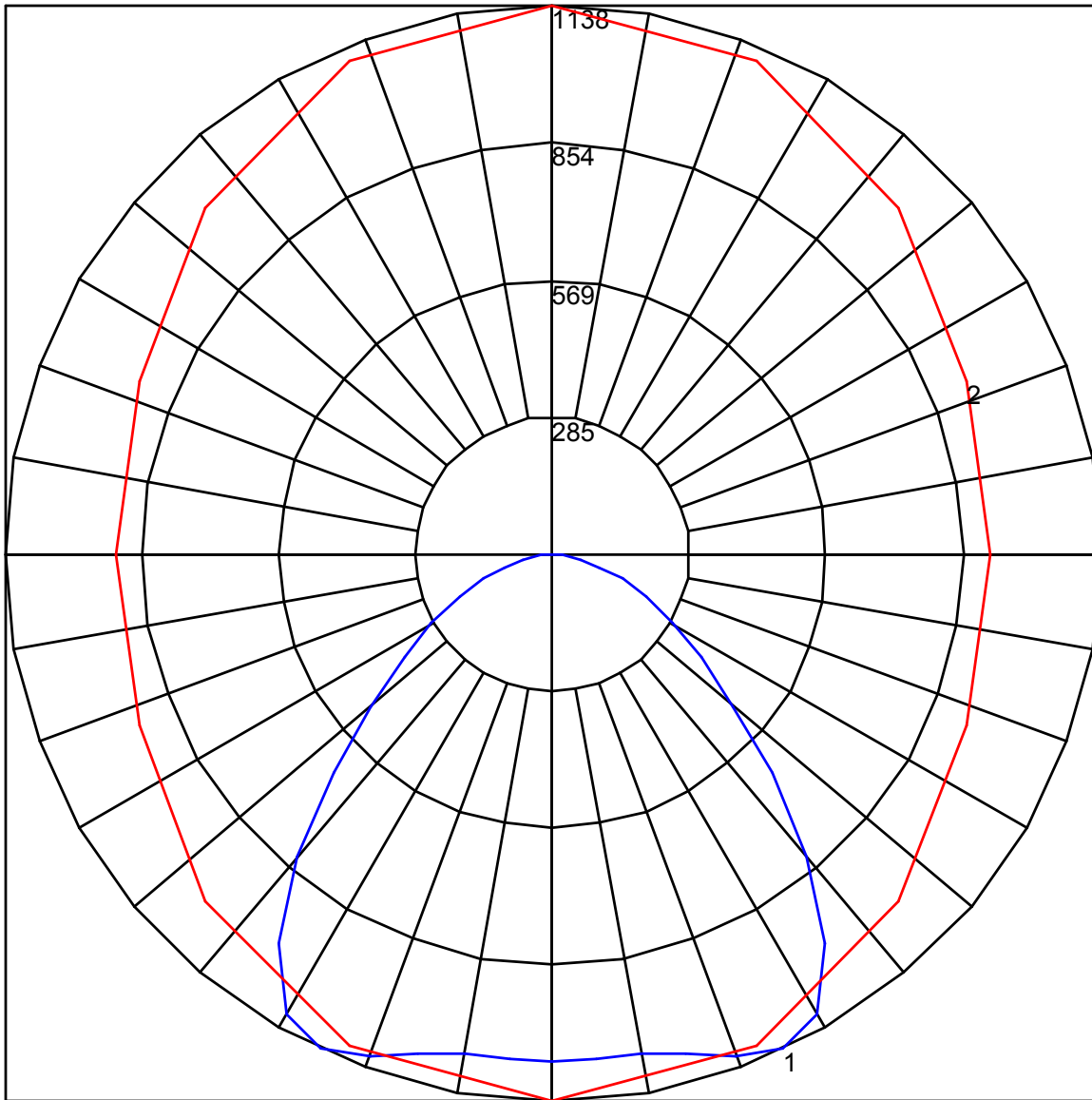
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COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

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 = 1138.086 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.)