



IES INDOOR REPORT

PHOTOMETRIC FILENAME : WING22-LED35-MO-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-MO-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	2499
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	93
Total Luminaire Watts	27
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	2558	2995	2963
55	2204	2397	2207
65	1877	1876	1675
75	1458	1442	1323
85	1072	1117	979

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CANDELA TABULATION

	0.0	22.5	45.0	67.5	90.0
0	974.763	974.763	974.763	974.763	974.763
5	967.817	968.276	969.729	970.800	971.672
10	947.682	950.115	956.678	963.640	967.480
15	916.317	921.993	938.119	955.424	963.716
20	874.563	888.303	914.710	946.764	960.993
25	823.675	840.398	890.827	936.176	955.944
30	762.781	790.260	856.433	912.829	931.020
35	696.318	734.278	815.291	856.356	867.097
40	629.044	670.063	747.313	762.858	765.551
45	551.060	597.159	645.109	642.432	638.270
50	467.124	513.238	532.241	513.101	505.252
55	385.070	423.382	418.715	394.449	385.514
60	315.012	341.236	325.768	301.578	294.005
65	241.572	255.510	241.541	222.447	215.592
70	175.675	181.825	170.779	156.947	152.602
75	114.934	120.304	113.710	106.672	104.315
80	66.142	69.997	68.330	64.245	62.164
85	28.473	30.386	29.667	27.096	25.979
90	0.000	0.000	0.000	0.000	0.000

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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	357.57	N.A.	14.30
0-30	767.32	N.A.	30.70
0-40	1263.06	N.A.	50.50
0-60	2106.17	N.A.	84.30
0-80	2465.23	N.A.	98.70
0-90	2498.95	N.A.	100.00
10-90	2406.79	N.A.	96.30
20-40	905.49	N.A.	36.20
20-50	1382.00	N.A.	55.30
40-70	1080.76	N.A.	43.20
60-80	359.07	N.A.	14.40
70-80	121.41	N.A.	4.90
80-90	33.72	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	2498.95	N.A.	100.00

Total Luminaire Efficiency = N.A.%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	92.17
10-20	265.41
20-30	409.75
30-40	495.74
40-50	476.51
50-60	366.60
60-70	237.65
70-80	121.41
80-90	33.72
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

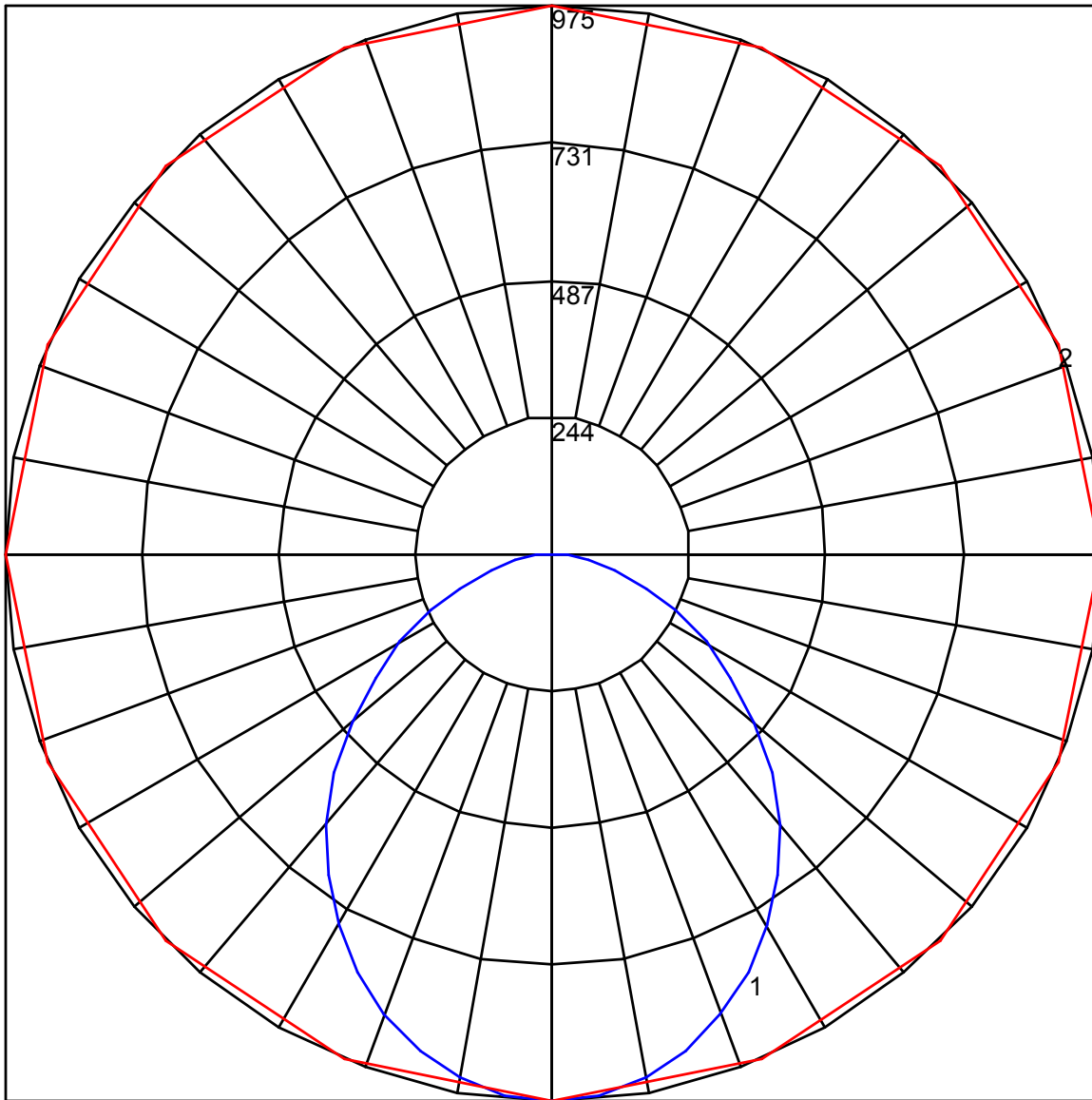
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COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

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	56	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 = 974.763 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.)