



IES INDOOR REPORT

PHOTOMETRIC FILENAME : P8622-LED35-HO.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST] P8622-LED35-SO
 [TESTLAB] Intertek
 [ISSUE DATE] 09/01/2015
 [MANUFAC] Prudential Lighting

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	2606
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	69
Total Luminaire Watts	38
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.26
Spacing Criterion (90-270)	1.26
Spacing Criterion (Diagonal)	1.38
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	2.00 ft
Luminous Width (90-270)	2.00 ft
Luminous Height	0.00 ft

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	2313	2294	2287
55	2231	2201	2210
65	2126	2081	2088
75	1987	1918	1891
85	1858	1676	1615

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CANDELA TABULATION

	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0	202.5
0.0	906.223	906.223	906.223	906.223	906.223	906.223	906.223	906.223	906.223	906.223
2.5	905.705	906.292	904.486	905.947	905.268	905.682	904.532	905.268	904.670	905.268
5.0	902.393	901.991	903.026	902.083	902.727	902.140	901.876	902.566	901.232	902.566
7.5	897.046	898.104	897.506	897.586	897.391	896.850	896.321	896.390	895.424	896.390
10.0	889.582	889.697	889.559	888.869	889.927	889.605	889.053	888.892	885.488	888.892
12.5	881.371	881.417	879.474	880.739	880.325	880.118	878.968	879.520	877.496	879.520
15.0	870.458	869.457	867.709	868.986	868.974	869.216	868.273	867.859	864.328	867.859
17.5	857.428	855.887	854.381	855.519	856.014	856.129	854.530	853.978	851.057	853.978
20.0	843.214	841.213	841.386	840.408	840.558	839.339	839.787	838.223	834.578	838.223
22.5	825.815	824.699	824.308	824.078	823.975	824.078	822.031	822.422	817.385	822.422
25.0	807.944	805.724	805.782	806.621	806.472	804.954	804.551	802.757	799.411	802.757
27.5	789.107	784.047	785.346	786.013	785.507	784.978	783.529	781.827	776.940	781.827
30.0	765.750	763.427	762.346	764.244	763.128	763.335	761.254	759.839	754.745	759.839
32.5	743.268	739.864	739.703	739.691	739.668	738.426	736.908	736.563	731.342	736.563
35.0	720.279	714.575	714.518	715.748	715.242	713.805	711.712	711.160	704.812	711.160
37.5	692.369	688.815	688.516	688.735	687.792	686.458	685.664	685.250	677.936	685.250
40.0	664.573	661.733	660.997	661.526	659.697	660.330	658.398	656.753	650.612	656.753
42.5	636.720	632.362	632.143	633.109	630.614	631.200	629.153	627.785	621.793	627.785
45.0	608.258	601.415	603.278	602.404	601.565	599.817	599.357	596.792	591.054	596.792
47.5	577.047	568.249	570.331	571.032	569.986	568.410	567.720	565.409	557.888	565.409
50.0	543.547	538.832	537.257	537.901	536.107	535.877	533.439	533.071	526.838	533.071
52.5	509.070	503.918	504.861	504.275	504.574	502.193	501.239	499.468	492.763	499.468
55.0	475.939	469.303	469.602	470.764	471.603	468.924	467.130	464.807	458.608	464.807
57.5	442.796	435.068	436.149	434.619	435.482	434.734	430.997	431.031	424.269	431.031
60.0	407.169	400.418	399.659	399.119	399.119	397.486	396.002	394.611	387.596	394.611
62.5	370.691	364.124	363.101	364.228	363.779	362.917	359.823	359.513	352.670	359.513
65.0	334.247	328.693	327.071	326.048	328.233	325.473	324.058	323.265	316.077	323.265
67.5	299.816	291.571	291.444	291.191	291.513	290.674	287.753	287.028	281.681	287.028
70.0	263.269	256.300	255.702	254.207	254.725	253.862	253.241	251.861	243.961	251.861
72.5	226.929	220.133	220.110	218.097	217.361	216.867	216.211	215.280	209.564	215.280
75.0	191.256	186.001	184.632	184.299	182.056	182.390	181.125	180.918	176.421	180.918
77.5	158.113	151.018	149.638	149.086	148.189	146.705	147.476	147.947	141.829	147.947
80.0	123.567	117.633	117.863	113.873	114.816	113.838	114.402	113.160	109.756	113.160
82.5	90.965	85.031	85.479	83.858	81.293	82.190	81.730	81.512	76.889	81.512
85.0	60.225	55.050	54.349	52.405	52.348	52.382	51.462	51.681	48.173	51.681
87.5	30.923	26.013	25.392	25.426	25.461	23.793	23.816	22.977	19.711	22.977
90.0	5.554	2.656	1.322	2.024	2.530	2.622	1.368	1.817	0.989	1.817
92.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
95.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
97.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
100.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
102.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
105.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
107.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
110.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
112.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
115.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
117.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
120.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
122.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
125.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
127.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
130.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
132.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

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CANDELA TABULATION - (Cont.)

135.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
137.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
140.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
142.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
145.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
147.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
150.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
152.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
155.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
157.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
160.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
162.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
165.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
167.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
170.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
172.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
175.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
177.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
180.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

Vert. Angles **Horizontal Angles**

	225.0	247.5	270.0	292.5	315.0	337.5	360.0
0.0	906.223	906.223	906.223	906.223	906.223	906.223	906.223
2.5	904.532	905.682	905.268	905.947	904.486	906.292	905.705
5.0	901.876	902.140	902.727	902.083	903.026	901.991	902.393
7.5	896.321	896.850	897.391	897.586	897.506	898.104	897.046
10.0	889.053	889.605	889.927	888.869	889.559	889.697	889.582
12.5	878.968	880.118	880.325	880.739	879.474	881.417	881.371
15.0	868.273	869.216	868.974	868.986	867.709	869.457	870.458
17.5	854.530	856.129	856.014	855.519	854.381	855.887	857.428
20.0	839.787	839.339	840.558	840.408	841.386	841.213	843.214
22.5	822.031	824.078	823.975	824.078	824.308	824.699	825.815
25.0	804.551	804.954	806.472	806.621	805.782	805.724	807.944
27.5	783.529	784.978	785.507	786.013	785.346	784.047	789.107
30.0	761.254	763.335	763.128	764.244	762.346	763.427	765.750
32.5	736.908	738.426	739.668	739.691	739.703	739.864	743.268
35.0	711.712	713.805	715.242	715.748	714.518	714.575	720.279
37.5	685.664	686.458	687.792	688.735	688.516	688.815	692.369
40.0	658.398	660.330	659.697	661.526	660.997	661.733	664.573
42.5	629.153	631.200	630.614	633.109	632.143	632.362	636.720
45.0	599.357	599.817	601.565	602.404	603.278	601.415	608.258
47.5	567.720	568.410	569.986	571.032	570.331	568.249	577.047
50.0	533.439	535.877	536.107	537.901	537.257	538.832	543.547
52.5	501.239	502.193	504.574	504.275	504.861	503.918	509.070
55.0	467.130	468.924	471.603	470.764	469.602	469.303	475.939
57.5	430.997	434.734	435.482	434.619	436.149	435.068	442.796
60.0	396.002	397.486	399.119	399.119	399.659	400.418	407.169
62.5	359.823	362.917	363.779	364.228	363.101	364.124	370.691
65.0	324.058	325.473	328.233	326.048	327.071	328.693	334.247
67.5	287.753	290.674	291.513	291.191	291.444	291.571	299.816
70.0	253.241	253.862	254.725	254.207	255.702	256.300	263.269
72.5	216.211	216.867	217.361	218.097	220.110	220.133	226.929
75.0	181.125	182.390	182.056	184.299	184.632	186.001	191.256
77.5	147.476	146.705	148.189	149.086	149.638	151.018	158.113
80.0	114.402	113.838	114.816	113.873	117.863	117.633	123.567

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82.5	81.730	82.190	81.293	83.858	85.479	85.031	90.965
85.0	51.462	52.382	52.348	52.405	54.349	55.050	60.225
87.5	23.816	23.793	25.461	25.426	25.392	26.013	30.923
90.0	1.368	2.622	2.530	2.024	1.322	2.656	5.554
92.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
95.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
97.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
100.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
102.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
105.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
107.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
110.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
112.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
115.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
117.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
120.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
122.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
125.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
127.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
130.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
132.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
135.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
137.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
140.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
142.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
145.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
147.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
150.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
152.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
155.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
157.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
160.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
162.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
165.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
167.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
170.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
172.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
175.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
177.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
180.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000

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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	330.78	N.A.	12.70
0-30	701.62	N.A.	26.90
0-40	1147.98	N.A.	44.00
0-60	2029.62	N.A.	77.90
0-80	2546.19	N.A.	97.70
0-90	2605.95	N.A.	100.00
10-90	2520.23	N.A.	96.70
20-40	817.20	N.A.	31.40
20-50	1280.09	N.A.	49.10
40-70	1204.51	N.A.	46.20
60-80	516.57	N.A.	19.80
70-80	193.71	N.A.	7.40
80-90	59.76	N.A.	2.30
90-110	0.30	N.A.	0.00
90-120	0.30	N.A.	0.00
90-130	0.30	N.A.	0.00
90-150	0.30	N.A.	0.00
90-180	0.30	N.A.	0.00
110-180	0.00	N.A.	0.00
0-180	2606.25	N.A.	100.00

Total Luminaire Efficiency = N.A.%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	85.71
10-20	245.06
20-30	370.84
30-40	446.36
40-50	462.90
50-60	418.75
60-70	322.86
70-80	193.71
80-90	59.76
90-100	0.30
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

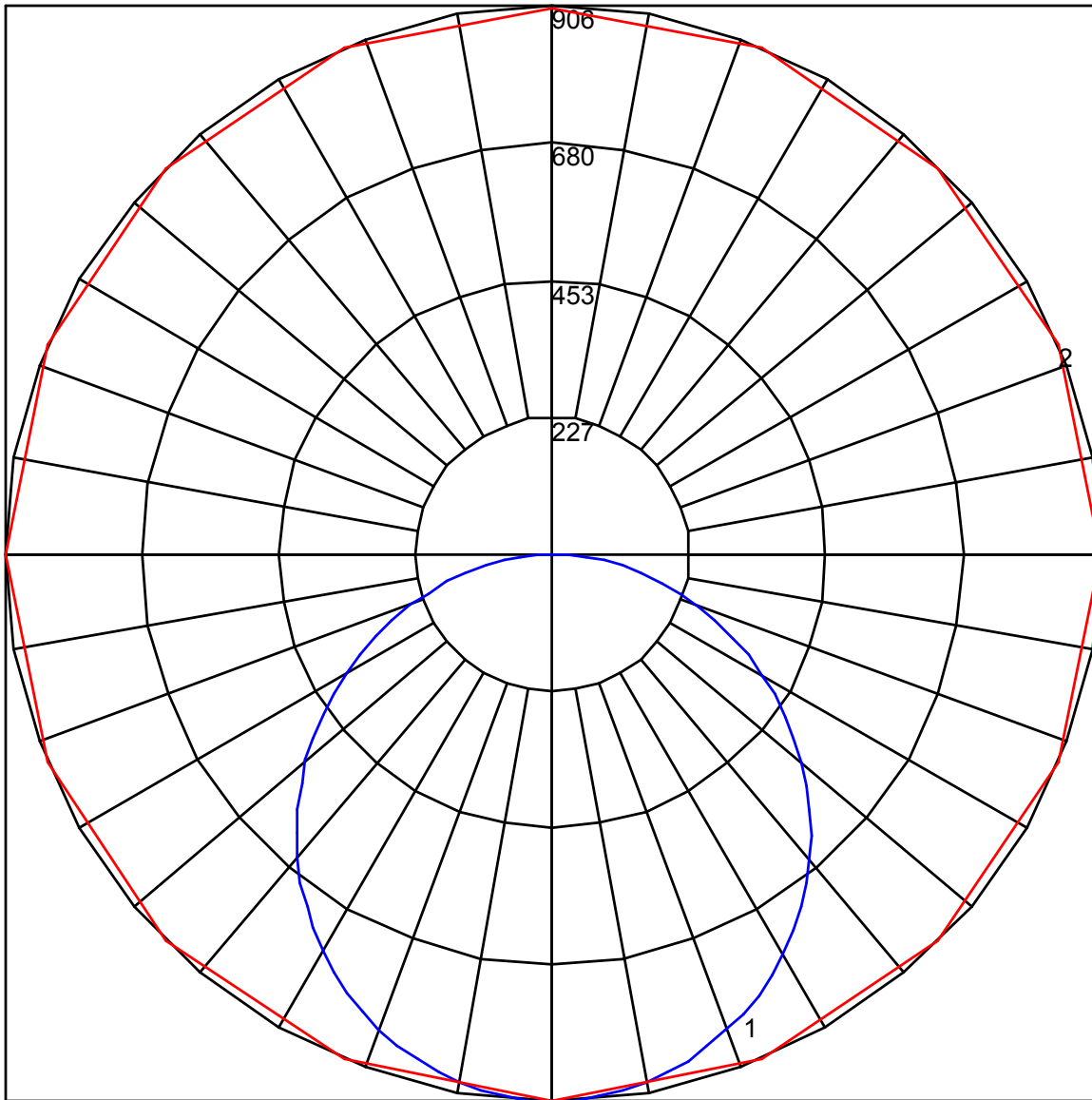
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COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

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	108	104	99	95	106	101	97	94	97	94	91	93	90	88	89	87	85	83
2	98	90	83	77	96	88	82	76	85	79	74	81	77	73	78	74	71	69
3	90	79	71	64	87	77	70	63	74	68	62	72	66	61	69	64	60	58
4	82	70	61	54	80	69	60	54	66	59	53	64	57	52	61	56	52	49
5	75	62	53	47	73	61	53	46	59	52	46	57	50	45	55	49	45	43
6	70	56	47	41	68	55	47	40	53	46	40	52	45	40	50	44	39	37
7	65	51	42	36	63	50	42	36	48	41	35	47	40	35	46	40	35	33
8	60	46	38	32	58	46	37	32	44	37	32	43	36	31	42	36	31	29
9	56	43	34	29	55	42	34	29	41	34	28	40	33	28	39	33	28	26
10	53	39	31	26	51	39	31	26	38	31	26	37	30	26	36	30	26	24

POLAR GRAPH



Maximum Candela = 906.292 Located At Horizontal Angle = 22.5, Vertical Angle = 2.5
1 - Vertical Plane Through Horizontal Angles (22.5 - 202.5) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (2.5) (Through Max. Cd.)