



IES INDOOR REPORT

PHOTOMETRIC FILENAME : P8633-LED35-MO.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	3739
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	78
Total Luminaire Watts	48
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	3318	3291	3282
55	3201	3158	3172
65	3051	2985	2996
75	2850	2752	2713
85	2665	2405	2317

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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	1300.233	1300.233	1300.233	1300.233	1300.233	1300.233	1300.233	1300.233	1300.233	1300.233
2.5	1299.490	1300.332	1297.741	1299.837	1298.863	1299.457	1297.807	1298.863	1298.005	1298.863
5.0	1294.738	1294.161	1295.646	1294.293	1295.217	1294.375	1293.996	1294.986	1293.072	1294.986
7.5	1287.066	1288.584	1287.726	1287.841	1287.561	1286.785	1286.026	1286.125	1284.739	1286.125
10.0	1276.357	1276.522	1276.324	1275.334	1276.852	1276.390	1275.598	1275.367	1270.483	1275.367
12.5	1264.576	1264.642	1261.854	1263.669	1263.075	1262.778	1261.128	1261.920	1259.016	1261.920
15.0	1248.918	1247.482	1244.974	1246.806	1246.789	1247.136	1245.783	1245.189	1240.123	1245.189
17.5	1230.223	1228.012	1225.851	1227.484	1228.194	1228.359	1226.065	1225.273	1221.082	1225.273
20.0	1209.829	1206.958	1207.206	1205.803	1206.018	1204.269	1204.912	1202.668	1197.438	1202.668
22.5	1184.865	1183.264	1182.703	1182.373	1182.225	1182.373	1179.436	1179.997	1172.770	1179.997
25.0	1159.224	1156.039	1156.122	1157.326	1157.112	1154.934	1154.356	1151.782	1146.981	1151.782
27.5	1132.197	1124.937	1126.801	1127.758	1127.032	1126.273	1124.194	1121.752	1114.740	1121.752
30.0	1098.685	1095.352	1093.801	1096.524	1094.923	1095.220	1092.234	1090.204	1082.895	1090.204
32.5	1066.428	1061.544	1061.313	1061.296	1061.263	1059.481	1057.303	1056.808	1049.317	1056.808
35.0	1033.444	1025.260	1025.178	1026.943	1026.217	1024.155	1021.152	1020.360	1011.252	1020.360
37.5	993.399	988.300	987.871	988.185	986.832	984.918	983.779	983.185	972.691	983.185
40.0	953.518	949.443	948.387	949.146	946.522	947.430	944.658	942.298	933.487	942.298
42.5	913.555	907.302	906.988	908.374	904.794	905.635	902.698	900.735	892.138	900.735
45.0	872.718	862.900	865.573	864.319	863.115	860.607	859.947	856.267	848.034	856.267
47.5	827.937	815.314	818.301	819.307	817.806	815.545	814.555	811.239	800.448	811.239
50.0	779.872	773.107	770.847	771.771	769.197	768.867	765.369	764.841	755.898	764.841
52.5	730.405	723.013	724.366	723.525	723.954	720.538	719.169	716.628	707.008	716.628
55.0	682.869	673.348	673.777	675.444	676.648	672.804	670.230	666.897	658.003	666.897
57.5	635.316	624.228	625.779	623.584	624.822	623.749	618.387	618.436	608.734	618.436
60.0	584.199	574.513	573.424	572.649	572.649	570.306	568.177	566.181	556.116	566.181
62.5	531.861	522.439	520.971	522.588	521.944	520.707	516.268	515.823	506.005	515.823
65.0	479.572	471.603	469.276	467.808	470.943	466.983	464.953	463.815	453.502	463.815
67.5	430.171	418.341	418.159	417.796	418.258	417.054	412.863	411.823	404.151	411.823
70.0	377.734	367.735	366.877	364.732	365.475	364.237	363.346	361.366	350.031	361.366
72.5	325.594	315.843	315.810	312.922	311.866	311.157	310.216	308.880	300.679	308.880
75.0	274.411	266.871	264.907	264.429	261.211	261.690	259.875	259.578	253.126	259.578
77.5	226.858	216.678	214.698	213.906	212.619	210.490	211.596	212.272	203.494	212.272
80.0	177.292	168.778	169.108	163.383	164.736	163.333	164.142	162.360	157.476	162.360
82.5	130.515	122.001	122.644	120.318	116.638	117.925	117.265	116.952	110.319	116.952
85.0	86.410	78.985	77.979	75.190	75.108	75.157	73.837	74.151	69.118	74.151
87.5	44.368	37.323	36.432	36.481	36.531	34.138	34.171	32.967	28.281	32.967
90.0	7.969	3.811	1.897	2.904	3.630	3.762	1.963	2.607	1.419	2.607
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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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. Horizontal Angles

	225.0	247.5	270.0	292.5	315.0	337.5	360.0
0.0	1300.233	1300.233	1300.233	1300.233	1300.233	1300.233	1300.233
2.5	1297.807	1299.457	1298.863	1299.837	1297.741	1300.332	1299.490
5.0	1293.996	1294.375	1295.217	1294.293	1295.646	1294.161	1294.738
7.5	1286.026	1286.785	1287.561	1287.841	1287.726	1288.584	1287.066
10.0	1275.598	1276.390	1276.852	1275.334	1276.324	1276.522	1276.357
12.5	1261.128	1262.778	1263.075	1263.669	1261.854	1264.642	1264.576
15.0	1245.783	1247.136	1246.789	1246.806	1244.974	1247.482	1248.918
17.5	1226.065	1228.359	1228.194	1227.484	1225.851	1228.012	1230.223
20.0	1204.912	1204.269	1206.018	1205.803	1207.206	1206.958	1209.829
22.5	1179.436	1182.373	1182.225	1182.373	1182.703	1183.264	1184.865
25.0	1154.356	1154.934	1157.112	1157.326	1156.122	1156.039	1159.224
27.5	1124.194	1126.273	1127.032	1127.758	1126.801	1124.937	1132.197
30.0	1092.234	1095.220	1094.923	1096.524	1093.801	1095.352	1098.685
32.5	1057.303	1059.481	1061.263	1061.296	1061.313	1061.544	1066.428
35.0	1021.152	1024.155	1026.217	1026.943	1025.178	1025.260	1033.444
37.5	983.779	984.918	986.832	988.185	987.871	988.300	993.399
40.0	944.658	947.430	946.522	949.146	948.387	949.443	953.518
42.5	902.698	905.635	904.794	908.374	906.988	907.302	913.555
45.0	859.947	860.607	863.115	864.319	865.573	862.900	872.718
47.5	814.555	815.545	817.806	819.307	818.301	815.314	827.937
50.0	765.369	768.867	769.197	771.771	770.847	773.107	779.872
52.5	719.169	720.538	723.954	723.525	724.366	723.013	730.405
55.0	670.230	672.804	676.648	675.444	673.777	673.348	682.869
57.5	618.387	623.749	624.822	623.584	625.779	624.228	635.316
60.0	568.177	570.306	572.649	572.649	573.424	574.513	584.199
62.5	516.268	520.707	521.944	522.588	520.971	522.439	531.861
65.0	464.953	466.983	470.943	467.808	469.276	471.603	479.572
67.5	412.863	417.054	418.258	417.796	418.159	418.341	430.171
70.0	363.346	364.237	365.475	364.732	366.877	367.735	377.734
72.5	310.216	311.157	311.866	312.922	315.810	315.843	325.594
75.0	259.875	261.690	261.211	264.429	264.907	266.871	274.411
77.5	211.596	210.490	212.619	213.906	214.698	216.678	226.858
80.0	164.142	163.333	164.736	163.383	169.108	168.778	177.292

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CANDELA TABULATION - (Cont.)

82.5	117.265	117.925	116.638	120.318	122.644	122.001	130.515
85.0	73.837	75.157	75.108	75.190	77.979	78.985	86.410
87.5	34.171	34.138	36.531	36.481	36.432	37.323	44.368
90.0	1.963	3.762	3.630	2.904	1.897	3.811	7.969
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	474.59	N.A.	12.70
0-30	1006.67	N.A.	26.90
0-40	1647.09	N.A.	44.00
0-60	2912.07	N.A.	77.90
0-80	3653.23	N.A.	97.70
0-90	3738.97	N.A.	100.00
10-90	3615.99	N.A.	96.70
20-40	1172.5	N.A.	31.40
20-50	1836.66	N.A.	49.10
40-70	1728.21	N.A.	46.20
60-80	741.16	N.A.	19.80
70-80	277.93	N.A.	7.40
80-90	85.74	N.A.	2.30
90-110	0.43	N.A.	0.00
90-120	0.43	N.A.	0.00
90-130	0.43	N.A.	0.00
90-150	0.43	N.A.	0.00
90-180	0.43	N.A.	0.00
110-180	0.00	N.A.	0.00
0-180	3739.4	N.A.	100.00

Total Luminaire Efficiency = N.A.%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	122.98
10-20	351.61
20-30	532.07
30-40	640.43
40-50	664.15
50-60	600.82
60-70	463.24
70-80	277.93
80-90	85.74
90-100	0.43
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

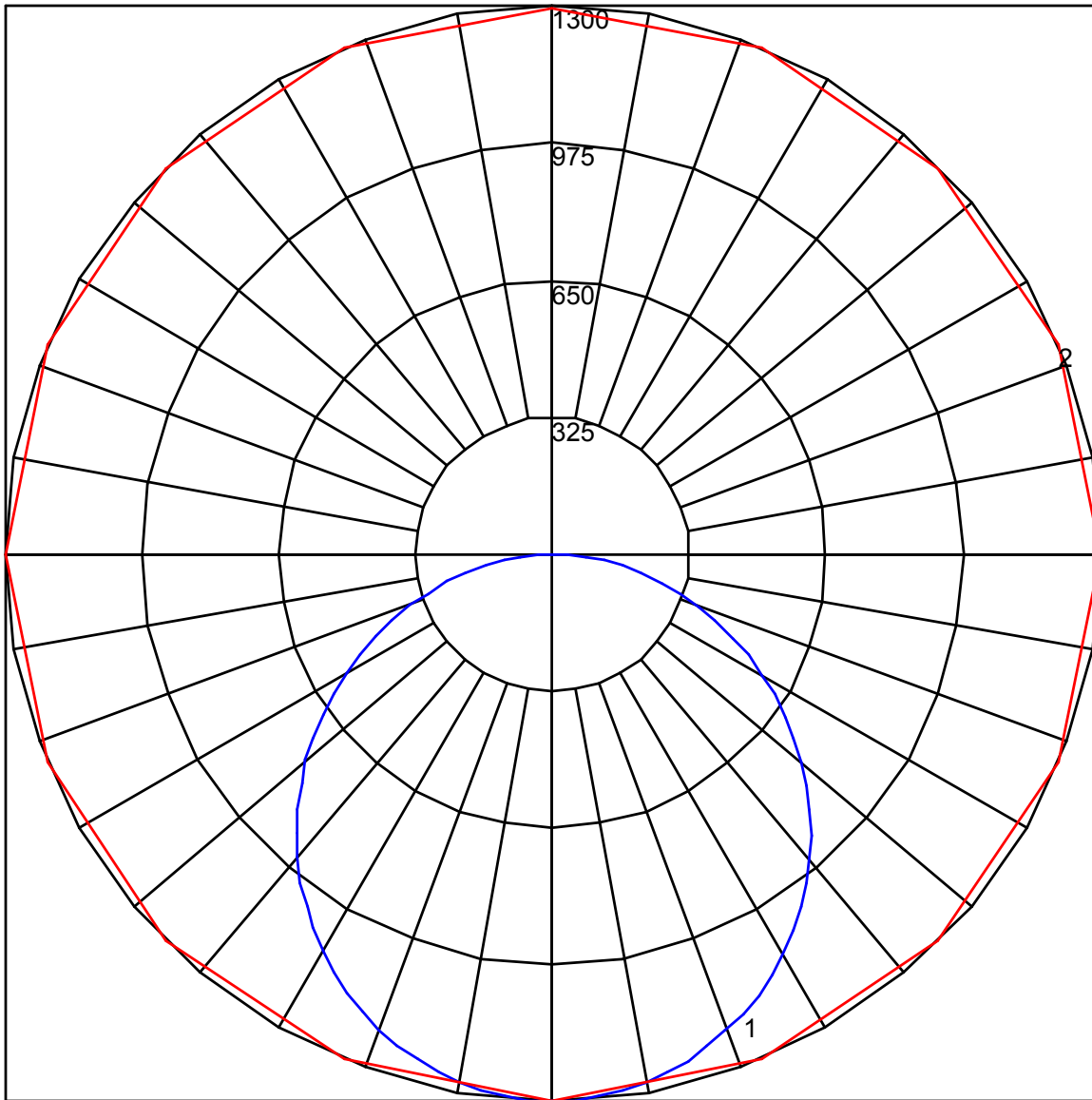
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COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

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 = 1300.332 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.)