



IES INDOOR REPORT

PHOTOMETRIC FILENAME : P8633-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	5122
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	75
Total Luminaire Watts	68
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	4545	4508	4495
55	4384	4326	4344
65	4179	4089	4103
75	3904	3769	3716
85	3651	3295	3173

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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	1780.925	1780.925	1780.925	1780.925	1780.925	1780.925	1780.925	1780.925	1780.925	1780.925
2.5	1779.908	1781.061	1777.513	1780.383	1779.049	1779.863	1777.603	1779.049	1777.874	1779.049
5.0	1773.399	1772.608	1774.642	1772.789	1774.055	1772.902	1772.382	1773.738	1771.117	1773.738
7.5	1762.890	1764.970	1763.794	1763.953	1763.568	1762.506	1761.467	1761.602	1759.704	1761.602
10.0	1748.223	1748.449	1748.178	1746.822	1748.901	1748.268	1747.183	1746.867	1740.177	1746.867
12.5	1732.087	1732.177	1728.358	1730.844	1730.030	1729.623	1727.363	1728.448	1724.470	1728.448
15.0	1710.639	1708.673	1705.238	1707.746	1707.724	1708.198	1706.345	1705.532	1698.593	1705.532
17.5	1685.033	1682.005	1679.044	1681.282	1682.254	1682.480	1679.338	1678.253	1672.513	1678.253
20.0	1657.100	1653.167	1653.506	1651.585	1651.879	1649.484	1650.365	1647.291	1640.127	1647.291
22.5	1622.906	1620.714	1619.945	1619.493	1619.290	1619.493	1615.471	1616.239	1606.340	1616.239
25.0	1587.786	1583.424	1583.537	1585.187	1584.893	1581.910	1581.119	1577.593	1571.016	1577.593
27.5	1550.767	1540.823	1543.377	1544.687	1543.693	1542.653	1539.806	1536.461	1526.856	1536.461
30.0	1504.866	1500.301	1498.177	1501.906	1499.713	1500.120	1496.030	1493.250	1483.238	1493.250
32.5	1460.683	1453.994	1453.677	1453.655	1453.609	1451.169	1448.185	1447.507	1437.247	1447.507
35.0	1415.506	1404.296	1404.183	1406.601	1405.607	1402.782	1398.669	1397.584	1385.109	1397.584
37.5	1360.656	1353.672	1353.085	1353.514	1351.661	1349.039	1347.480	1346.666	1332.293	1346.666
40.0	1306.031	1300.449	1299.003	1300.042	1296.449	1297.692	1293.895	1290.663	1278.595	1290.663
42.5	1251.294	1242.729	1242.299	1244.198	1239.294	1240.446	1236.423	1233.734	1221.959	1233.734
45.0	1195.359	1181.912	1185.573	1183.856	1182.206	1178.771	1177.867	1172.827	1161.550	1172.827
47.5	1134.023	1116.734	1120.824	1122.203	1120.146	1117.050	1115.694	1111.152	1096.371	1111.152
50.0	1068.189	1058.923	1055.827	1057.092	1053.567	1053.115	1048.324	1047.600	1035.351	1047.600
52.5	1000.434	990.309	992.163	991.010	991.598	986.919	985.044	981.563	968.387	981.563
55.0	935.324	922.283	922.871	925.154	926.803	921.538	918.012	913.447	901.265	913.447
57.5	870.190	855.003	857.128	854.122	855.817	854.348	847.003	847.071	833.782	847.071
60.0	800.176	786.909	785.418	784.356	784.356	781.146	778.231	775.496	761.710	775.496
62.5	728.488	715.584	713.572	715.787	714.906	713.211	707.131	706.521	693.074	706.521
65.0	656.869	645.953	642.767	640.755	645.049	639.625	636.845	635.286	621.161	635.286
67.5	589.205	573.000	572.752	572.255	572.887	571.238	565.497	564.073	553.564	564.073
70.0	517.382	503.686	502.511	499.573	500.590	498.895	497.675	494.963	479.436	494.963
72.5	445.966	432.609	432.564	428.609	427.163	426.191	424.903	423.072	411.840	423.072
75.0	375.861	365.532	362.843	362.188	357.781	358.436	355.950	355.543	346.707	355.543
77.5	310.727	296.783	294.071	292.986	291.224	288.308	289.822	290.749	278.726	290.749
80.0	242.837	231.175	231.627	223.785	225.638	223.717	224.825	222.384	215.694	222.384
82.5	178.766	167.104	167.986	164.799	159.759	161.522	160.618	160.189	151.104	160.189
85.0	118.356	108.186	106.808	102.988	102.875	102.943	101.135	101.564	94.671	101.564
87.5	60.771	51.121	49.901	49.969	50.036	46.759	46.805	45.155	38.736	45.155
90.0	10.916	5.221	2.599	3.978	4.972	5.153	2.689	3.571	1.944	3.571
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	1780.925	1780.925	1780.925	1780.925	1780.925	1780.925	1780.925
2.5	1777.603	1779.863	1779.049	1780.383	1777.513	1781.061	1779.908
5.0	1772.382	1772.902	1774.055	1772.789	1774.642	1772.608	1773.399
7.5	1761.467	1762.506	1763.568	1763.953	1763.794	1764.970	1762.890
10.0	1747.183	1748.268	1748.901	1746.822	1748.178	1748.449	1748.223
12.5	1727.363	1729.623	1730.030	1730.844	1728.358	1732.177	1732.087
15.0	1706.345	1708.198	1707.724	1707.746	1705.238	1708.673	1710.639
17.5	1679.338	1682.480	1682.254	1681.282	1679.044	1682.005	1685.033
20.0	1650.365	1649.484	1651.879	1651.585	1653.506	1653.167	1657.100
22.5	1615.471	1619.493	1619.290	1619.493	1619.945	1620.714	1622.906
25.0	1581.119	1581.910	1584.893	1585.187	1583.537	1583.424	1587.786
27.5	1539.806	1542.653	1543.693	1544.687	1543.377	1540.823	1550.767
30.0	1496.030	1500.120	1499.713	1501.906	1498.177	1500.301	1504.866
32.5	1448.185	1451.169	1453.609	1453.655	1453.677	1453.994	1460.683
35.0	1398.669	1402.782	1405.607	1406.601	1404.183	1404.296	1415.506
37.5	1347.480	1349.039	1351.661	1353.514	1353.085	1353.672	1360.656
40.0	1293.895	1297.692	1296.449	1300.042	1299.003	1300.449	1306.031
42.5	1236.423	1240.446	1239.294	1244.198	1242.299	1242.729	1251.294
45.0	1177.867	1178.771	1182.206	1183.856	1185.573	1181.912	1195.359
47.5	1115.694	1117.050	1120.146	1122.203	1120.824	1116.734	1134.023
50.0	1048.324	1053.115	1053.567	1057.092	1055.827	1058.923	1068.189
52.5	985.044	986.919	991.598	991.010	992.163	990.309	1000.434
55.0	918.012	921.538	926.803	925.154	922.871	922.283	935.324
57.5	847.003	854.348	855.817	854.122	857.128	855.003	870.190
60.0	778.231	781.146	784.356	784.356	785.418	786.909	800.176
62.5	707.131	713.211	714.906	715.787	713.572	715.584	728.488
65.0	636.845	639.625	645.049	640.755	642.767	645.953	656.869
67.5	565.497	571.238	572.887	572.255	572.752	573.000	589.205
70.0	497.675	498.895	500.590	499.573	502.511	503.686	517.382
72.5	424.903	426.191	427.163	428.609	432.564	432.609	445.966
75.0	355.950	358.436	357.781	362.188	362.843	365.532	375.861
77.5	289.822	288.308	291.224	292.986	294.071	296.783	310.727
80.0	224.825	223.717	225.638	223.785	231.627	231.175	242.837

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CANDELA TABULATION - (Cont.)

82.5	160.618	161.522	159.759	164.799	167.986	167.104	178.766
85.0	101.135	102.943	102.875	102.988	106.808	108.186	118.356
87.5	46.805	46.759	50.036	49.969	49.901	51.121	60.771
90.0	2.689	5.153	4.972	3.978	2.599	5.221	10.916
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	650.05	N.A.	12.70
0-30	1378.83	N.A.	26.90
0-40	2256.02	N.A.	44.00
0-60	3988.65	N.A.	77.90
0-80	5003.82	N.A.	97.70
0-90	5121.26	N.A.	100.00
10-90	4952.81	N.A.	96.70
20-40	1605.97	N.A.	31.40
20-50	2515.66	N.A.	49.10
40-70	2367.13	N.A.	46.20
60-80	1015.17	N.A.	19.80
70-80	380.67	N.A.	7.40
80-90	117.43	N.A.	2.30
90-110	0.59	N.A.	0.00
90-120	0.59	N.A.	0.00
90-130	0.59	N.A.	0.00
90-150	0.59	N.A.	0.00
90-180	0.59	N.A.	0.00
110-180	0.00	N.A.	0.00
0-180	5121.85	N.A.	100.00

Total Luminaire Efficiency = N.A.%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	168.45
10-20	481.60
20-30	728.78
30-40	877.19
40-50	909.69
50-60	822.94
60-70	634.49
70-80	380.67
80-90	117.43
90-100	0.59
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

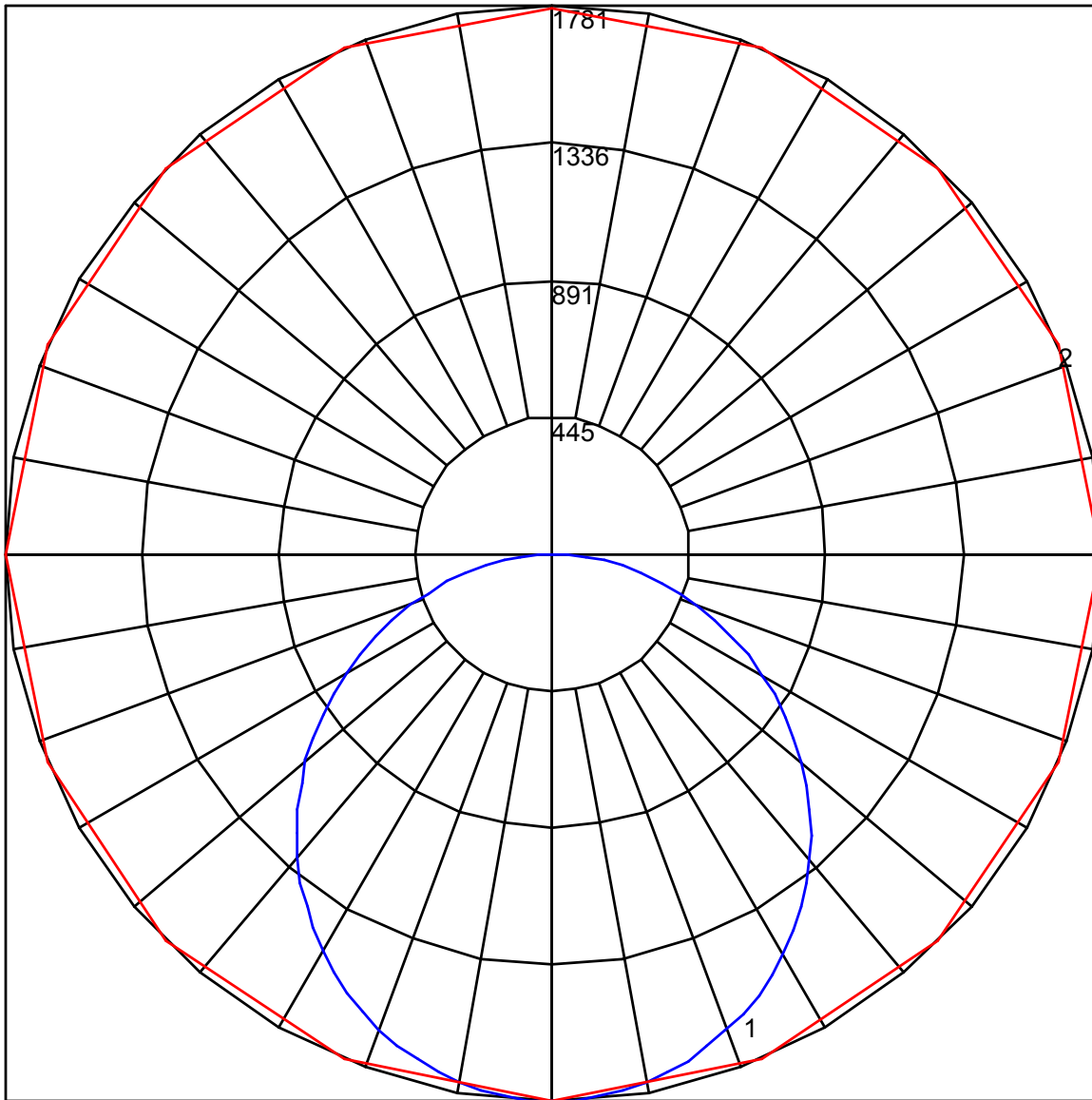
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COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

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	68	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 = 1781.061 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.)