



IES INDOOR REPORT

PHOTOMETRIC FILENAME : P8633-LED35-HO-WA.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST] P8633-LED35-HO-WA
 [TESTLAB] Intertek
 [ISSUE DATE]
 [MANUFAC] Prudential Lighting

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	6268
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	96
Total Luminaire Watts	65
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)	3.17 ft
Luminous Width (90-270)	3.17 ft
Luminous Height	0.00 ft

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	2170	2179	2189
55	2096	2109	2118
65	1987	2011	2019
75	1841	1881	1882
85	1615	1666	1654

IES INDOOR REPORT
PHOTOMETRIC FILENAME : P8633-LED35-HO-WA.IES

CANDELA TABULATION

	<u>0.0</u>	<u>22.5</u>	<u>45.0</u>	<u>67.5</u>	<u>90.0</u>	<u>112.5</u>	<u>135.0</u>	<u>157.5</u>	<u>180.0</u>	<u>202.5</u>
0.0	2157.480	2157.480	2157.480	2157.480	2157.480	2157.480	2157.480	2157.480	2157.480	2157.480
2.5	2155.321	2155.405	2154.771	2154.572	2155.279	2154.572	2154.771	2155.405	2155.321	2155.405
5.0	2147.554	2147.904	2147.831	2146.959	2148.097	2146.959	2147.831	2147.904	2147.554	2147.904
7.5	2135.206	2135.441	2135.504	2135.297	2136.022	2135.297	2135.504	2135.441	2135.206	2135.441
10.0	2117.738	2117.962	2118.186	2117.888	2118.728	2117.888	2118.186	2117.962	2117.738	2117.962
12.5	2095.628	2095.698	2095.870	2096.370	2097.238	2096.370	2095.870	2095.698	2095.628	2095.698
15.0	2068.986	2068.934	2069.735	2070.190	2071.496	2070.190	2069.735	2068.934	2068.986	2068.934
17.5	2037.521	2037.892	2038.666	2039.499	2040.804	2039.499	2038.666	2037.892	2037.521	2037.892
20.0	2001.709	2002.441	2003.858	2003.862	2006.126	2003.862	2003.858	2002.441	2001.709	2002.441
22.5	1961.830	1961.988	1963.213	1964.322	1966.275	1964.322	1963.213	1961.988	1961.830	1961.988
25.0	1917.114	1917.779	1919.197	1920.922	1922.721	1920.922	1919.197	1917.779	1917.114	1917.779
27.5	1868.954	1869.427	1870.956	1872.818	1875.534	1872.818	1870.956	1869.427	1868.954	1869.427
30.0	1814.624	1817.504	1818.880	1820.742	1824.413	1820.742	1818.880	1817.504	1814.624	1817.504
32.5	1757.728	1761.592	1763.541	1765.771	1769.407	1765.771	1763.541	1761.592	1757.728	1761.592
35.0	1698.725	1701.560	1704.836	1707.209	1710.184	1707.209	1704.836	1701.560	1698.725	1701.560
37.5	1637.835	1638.700	1642.077	1644.912	1647.663	1644.912	1642.077	1638.700	1637.835	1638.700
40.0	1573.498	1573.131	1577.103	1580.078	1582.644	1580.078	1577.103	1573.131	1573.498	1573.131
42.5	1504.989	1504.489	1508.335	1511.685	1514.660	1511.685	1508.335	1504.489	1504.989	1504.489
45.0	1431.031	1432.508	1436.953	1440.208	1443.211	1440.208	1436.953	1432.508	1431.031	1432.508
47.5	1355.095	1357.842	1362.305	1366.729	1368.496	1366.729	1362.305	1357.842	1355.095	1357.842
50.0	1278.609	1281.539	1285.735	1290.877	1291.594	1290.877	1285.735	1281.539	1278.609	1281.539
52.5	1201.018	1203.139	1207.531	1212.274	1213.187	1212.274	1207.531	1203.139	1201.018	1203.139
55.0	1120.871	1122.359	1127.815	1132.012	1132.792	1132.012	1127.815	1122.359	1120.871	1122.359
57.5	1037.876	1040.224	1045.957	1050.574	1050.049	1050.574	1045.957	1040.224	1037.876	1040.224
60.0	953.333	956.718	961.898	967.568	966.000	967.568	961.898	956.718	953.333	956.718
62.5	868.224	872.581	877.261	882.763	881.223	882.763	877.261	872.581	868.224	872.581
65.0	783.184	788.613	792.354	796.904	795.763	796.904	792.354	788.613	783.184	788.613
67.5	698.838	703.076	707.584	711.861	709.635	711.861	707.584	703.076	698.838	703.076
70.0	613.812	617.676	623.168	626.612	623.500	626.612	623.168	617.676	613.812	617.676
72.5	528.717	533.659	537.593	542.006	538.786	542.006	537.593	533.659	528.717	533.659
75.0	444.370	451.314	453.887	458.010	454.314	458.010	453.887	451.314	444.370	451.314
77.5	362.834	369.215	372.638	374.430	371.497	374.430	372.638	369.215	362.834	369.215
80.0	283.349	288.564	291.399	292.796	289.338	292.796	291.399	288.564	283.349	288.564
82.5	206.339	209.877	211.967	213.342	210.070	213.342	211.967	209.877	206.339	209.877
85.0	131.243	134.214	135.422	137.224	134.417	137.224	135.422	134.214	131.243	134.214
87.5	60.028	62.573	62.989	65.016	62.548	65.016	62.989	62.573	60.028	62.573
90.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
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

IES INDOOR REPORT
PHOTOMETRIC FILENAME : P8633-LED35-HO-WA.IES

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. Horizontal Angles

	<u>225.0</u>	<u>247.5</u>	<u>270.0</u>	<u>292.5</u>	<u>315.0</u>	<u>337.5</u>	<u>360.0</u>
0.0	2157.480	2157.480	2157.480	2157.480	2157.480	2157.480	2157.480
2.5	2154.771	2154.572	2155.279	2154.572	2154.771	2155.405	2155.321
5.0	2147.831	2146.959	2148.097	2146.959	2147.831	2147.904	2147.554
7.5	2135.504	2135.297	2136.022	2135.297	2135.504	2135.441	2135.206
10.0	2118.186	2117.888	2118.728	2117.888	2118.186	2117.962	2117.738
12.5	2095.870	2096.370	2097.238	2096.370	2095.870	2095.698	2095.628
15.0	2069.735	2070.190	2071.496	2070.190	2069.735	2068.934	2068.986
17.5	2038.666	2039.499	2040.804	2039.499	2038.666	2037.892	2037.521
20.0	2003.858	2003.862	2006.126	2003.862	2003.858	2002.441	2001.709
22.5	1963.213	1964.322	1966.275	1964.322	1963.213	1961.988	1961.830
25.0	1919.197	1920.922	1922.721	1920.922	1919.197	1917.779	1917.114
27.5	1870.956	1872.818	1875.534	1872.818	1870.956	1869.427	1868.954
30.0	1818.880	1820.742	1824.413	1820.742	1818.880	1817.504	1814.624
32.5	1763.541	1765.771	1769.407	1765.771	1763.541	1761.592	1757.728
35.0	1704.836	1707.209	1710.184	1707.209	1704.836	1701.560	1698.725
37.5	1642.077	1644.912	1647.663	1644.912	1642.077	1638.700	1637.835
40.0	1577.103	1580.078	1582.644	1580.078	1577.103	1573.131	1573.498
42.5	1508.335	1511.685	1514.660	1511.685	1508.335	1504.489	1504.989
45.0	1436.953	1440.208	1443.211	1440.208	1436.953	1432.508	1431.031
47.5	1362.305	1366.729	1368.496	1366.729	1362.305	1357.842	1355.095
50.0	1285.735	1290.877	1291.594	1290.877	1285.735	1281.539	1278.609
52.5	1207.531	1212.274	1213.187	1212.274	1207.531	1203.139	1201.018
55.0	1127.815	1132.012	1132.792	1132.012	1127.815	1122.359	1120.871
57.5	1045.957	1050.574	1050.049	1050.574	1045.957	1040.224	1037.876
60.0	961.898	967.568	966.000	967.568	961.898	956.718	953.333
62.5	877.261	882.763	881.223	882.763	877.261	872.581	868.224
65.0	792.354	796.904	795.763	796.904	792.354	788.613	783.184
67.5	707.584	711.861	709.635	711.861	707.584	703.076	698.838
70.0	623.168	626.612	623.500	626.612	623.168	617.676	613.812
72.5	537.593	542.006	538.786	542.006	537.593	533.659	528.717
75.0	453.887	458.010	454.314	458.010	453.887	451.314	444.370
77.5	372.638	374.430	371.497	374.430	372.638	369.215	362.834
80.0	291.399	292.796	289.338	292.796	291.399	288.564	283.349

IES INDOOR REPORT
PHOTOMETRIC FILENAME : P8633-LED35-HO-WA.IES

CANDELA TABULATION - (Cont.)

82.5	211.967	213.342	210.070	213.342	211.967	209.877	206.339
85.0	135.422	137.224	134.417	137.224	135.422	134.214	131.243
87.5	62.989	65.016	62.548	65.016	62.989	62.573	60.028
90.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
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

IES INDOOR REPORT
PHOTOMETRIC FILENAME : P8633-LED35-HO-WA.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	788.16	N.A.	12.60
0-30	1672.7	N.A.	26.70
0-40	2738.98	N.A.	43.70
0-60	4854.35	N.A.	77.40
0-80	6117.18	N.A.	97.60
0-90	6267.81	N.A.	100.00
10-90	6063.74	N.A.	96.70
20-40	1950.82	N.A.	31.10
20-50	3058.85	N.A.	48.80
40-70	2899.08	N.A.	46.30
60-80	1262.84	N.A.	20.10
70-80	479.12	N.A.	7.60
80-90	150.63	N.A.	2.40
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	6267.81	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	204.07
10-20	584.09
20-30	884.53
30-40	1066.29
40-50	1108.03
50-60	1007.33
60-70	783.72
70-80	479.12
80-90	150.63
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

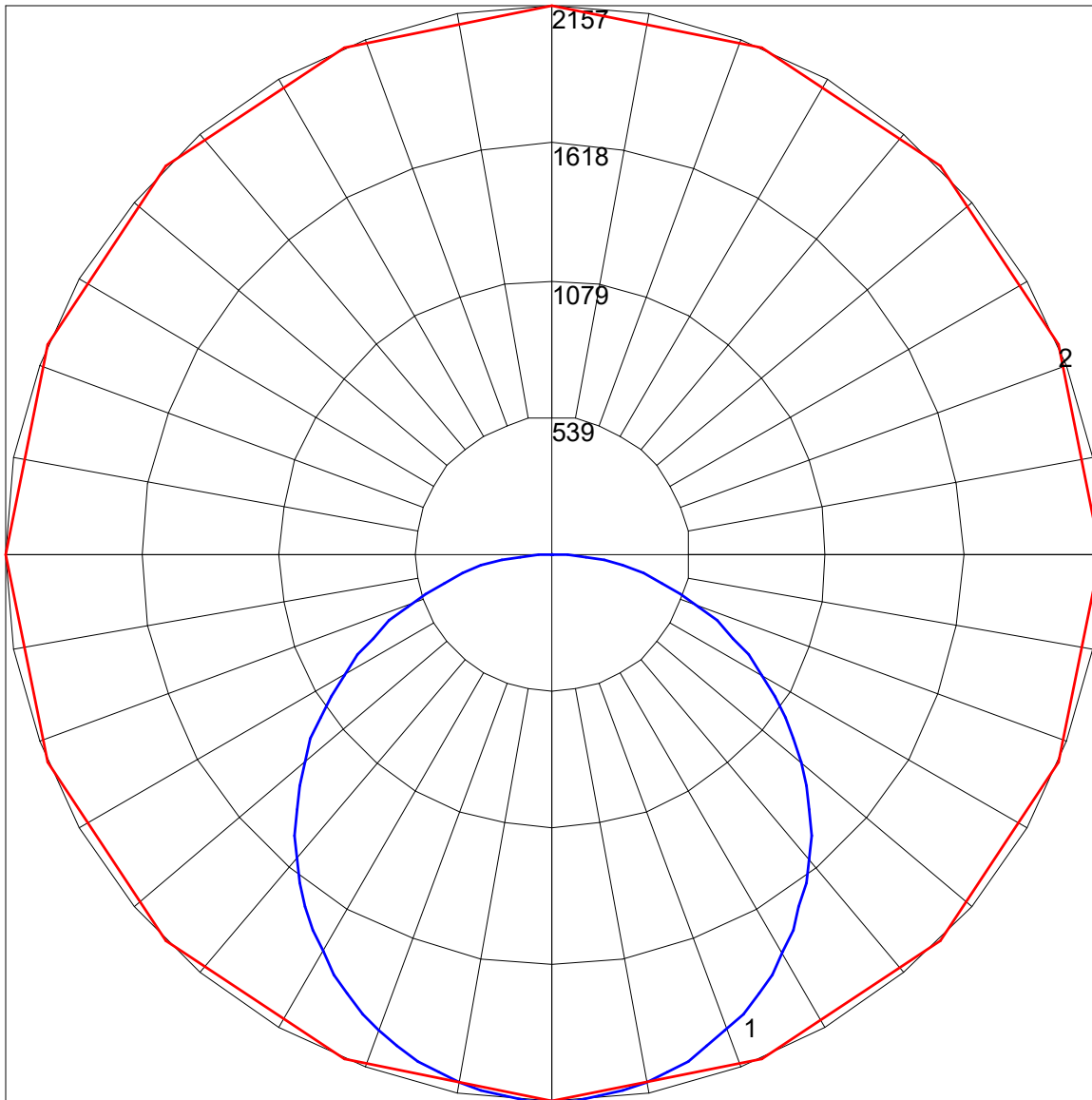
IES INDOOR REPORT
PHOTOMETRIC FILENAME : P8633-LED35-HO-WA.IES

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	103	99	95	106	101	97	93	97	94	90	93	90	88	89	87	85	83
2	98	90	83	77	96	88	81	76	84	79	74	81	76	72	78	74	71	69
3	89	79	70	64	87	77	69	63	74	67	62	71	66	61	69	64	60	58
4	82	70	61	54	80	68	60	53	66	58	53	63	57	52	61	56	51	49
5	75	62	53	46	73	61	52	46	59	51	45	57	50	45	55	49	44	42
6	69	56	47	40	67	55	46	40	53	45	40	51	45	39	50	44	39	37
7	64	51	42	36	63	50	41	35	48	41	35	47	40	35	45	39	35	33
8	60	46	38	32	58	45	37	32	44	37	31	43	36	31	42	36	31	29
9	56	42	34	28	55	42	34	28	41	33	28	40	33	28	39	32	28	26
10	52	39	31	26	51	39	31	26	38	31	26	37	30	25	36	30	25	24

POLAR GRAPH



Maximum Candela = 2157.48 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.)