



IES INDOOR REPORT

PHOTOMETRIC FILENAME : WALWV-LED35-HO-SD.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST] WALWV-LED35-HO-SD (indirect)
 [TESTLAB]INTERTEK
 [ISSUE DATE] 7-20-18
 [MANUFAC] PRUDENTIAL

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	5045
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	105
Total Luminaire Watts	48
Ballast Factor	1.00
CIE Type	Indirect
Spacing Criterion (0-180)	N.A.
Spacing Criterion (90-270)	N.A.
Spacing Criterion (Diagonal)	N.A.
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	4.00 ft
Luminous Width (90-270)	0.38 ft
Luminous Height	0.00 ft

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	0	0	0
55	0	0	0
65	0	0	0
75	0	0	0
85	0	0	0

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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	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
5.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
7.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
10.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
12.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
15.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
17.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
20.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
22.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
25.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
27.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
30.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
32.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
35.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
37.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
40.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
42.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
45.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
47.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
50.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
52.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
55.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
57.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
60.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
62.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
65.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
67.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
70.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
72.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
75.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
77.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
80.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
82.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
85.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
87.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
90.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
92.5	9.357	11.623	11.352	14.160	10.089	10.738	8.791	7.776	5.027	7.776
95.0	18.939	20.744	21.854	154.474	26.916	27.931	27.848	25.394	26.161	25.394
97.5	32.415	37.359	312.806	264.934	53.820	52.947	57.891	55.130	59.153	55.130
100.0	142.107	726.691	696.224	371.216	92.937	83.886	93.055	94.766	102.495	94.766
102.5	1171.575	1111.206	847.700	479.045	140.137	118.637	131.322	137.281	143.441	137.281
105.0	1364.080	1274.978	984.793	575.474	195.632	156.822	170.781	178.581	188.399	178.581
107.5	1509.385	1412.165	1108.952	677.391	252.154	196.128	211.314	221.026	229.899	221.026
110.0	1632.849	1532.395	1219.117	772.027	313.656	238.749	252.768	261.901	271.919	261.901
112.5	1737.703	1630.087	1309.647	860.893	376.267	277.961	292.746	303.225	311.072	303.225
115.0	1824.787	1711.142	1383.338	944.059	439.290	318.871	332.217	342.943	352.206	342.943
117.5	1895.304	1783.381	1453.784	1022.376	499.671	355.593	371.594	380.467	387.949	380.467
120.0	1951.472	1830.310	1512.477	1091.347	562.246	391.536	409.023	417.932	425.874	417.932
122.5	1981.751	1867.952	1570.403	1153.828	619.087	423.054	445.308	453.096	461.227	453.096
125.0	2007.912	1901.464	1620.305	1213.713	678.618	451.055	480.933	487.080	493.252	487.080
127.5	2032.963	1933.524	1659.481	1265.786	733.016	479.351	513.170	519.094	524.817	519.094
130.0	2054.616	1955.177	1694.775	1311.015	786.128	503.636	542.753	548.912	555.001	548.912
132.5	2069.307	1971.343	1718.812	1355.454	836.526	529.560	570.872	578.849	581.752	578.849

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CANDELA TABULATION - (Cont.)

135.0	2077.744	1985.515	1743.851	1388.388	885.625	554.836	593.587	605.104	610.178	605.104
137.5	2082.452	1993.067	1766.366	1416.932	931.268	582.224	612.208	629.223	632.669	629.223
140.0	2076.729	1994.259	1779.865	1437.936	974.586	617.990	628.999	650.097	655.761	650.097
142.5	2071.478	1992.170	1786.697	1457.040	1015.461	655.466	643.501	667.715	674.087	667.715
145.0	2058.888	1988.335	1787.358	1477.608	1052.713	695.398	654.758	681.733	689.132	681.733
147.5	2040.810	1976.925	1784.644	1487.874	1089.164	739.058	666.145	691.433	699.693	691.433
150.0	2018.107	1957.974	1772.360	1494.517	1122.251	783.426	676.600	698.159	706.973	698.159
152.5	1990.778	1933.772	1756.442	1494.564	1151.090	831.357	692.754	703.563	710.065	703.563
155.0	1957.762	1902.490	1737.975	1493.219	1179.445	877.566	717.074	708.248	712.803	708.248
157.5	1920.332	1866.406	1712.263	1488.830	1201.995	925.804	756.215	715.328	715.930	715.328
160.0	1874.300	1822.888	1685.252	1481.844	1225.170	972.721	801.716	736.863	730.208	736.863
162.5	1821.365	1775.251	1652.260	1470.717	1243.909	1019.437	856.668	778.706	764.640	778.706
165.0	1765.138	1720.475	1614.346	1457.760	1262.352	1066.401	915.350	832.372	818.814	832.372
167.5	1700.144	1660.826	1569.294	1442.538	1278.141	1113.483	977.123	897.732	884.481	897.732
170.0	1631.161	1597.484	1523.297	1422.490	1291.109	1156.152	1041.916	970.326	961.169	970.326
172.5	1559.063	1528.360	1470.929	1398.158	1300.266	1197.440	1109.188	1053.764	1045.338	1053.764
175.0	1478.918	1453.158	1415.268	1370.771	1305.115	1238.953	1173.793	1135.762	1132.293	1135.762
177.5	1393.025	1377.343	1359.089	1340.586	1308.396	1276.512	1236.345	1217.040	1224.274	1217.040
180.0	1304.667	1304.667	1304.667	1304.667	1304.667	1304.667	1304.667	1304.667	1304.667	1304.667

Vert. Angles **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	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
5.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
7.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
10.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
12.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
15.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
17.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
20.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
22.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
25.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
27.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
30.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
32.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
35.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
37.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
40.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
42.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
45.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
47.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
50.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
52.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
55.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
57.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
60.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
62.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
65.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
67.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
70.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
72.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
75.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
77.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
80.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000

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82.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
85.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
87.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
90.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
92.5	8.791	10.738	10.089	14.160	11.352	11.623	9.357
95.0	27.848	27.931	26.916	154.474	21.854	20.744	18.939
97.5	57.891	52.947	53.820	264.934	312.806	37.359	32.415
100.0	93.055	83.886	92.937	371.216	696.224	726.691	142.107
102.5	131.322	118.637	140.137	479.045	847.700	1111.206	1171.575
105.0	170.781	156.822	195.632	575.474	984.793	1274.978	1364.080
107.5	211.314	196.128	252.154	677.391	1108.952	1412.165	1509.385
110.0	252.768	238.749	313.656	772.027	1219.117	1532.395	1632.849
112.5	292.746	277.961	376.267	860.893	1309.647	1630.087	1737.703
115.0	332.217	318.871	439.290	944.059	1383.338	1711.142	1824.787
117.5	371.594	355.593	499.671	1022.376	1453.784	1783.381	1895.304
120.0	409.023	391.536	562.246	1091.347	1512.477	1830.310	1951.472
122.5	445.308	423.054	619.087	1153.828	1570.403	1867.952	1981.751
125.0	480.933	451.055	678.618	1213.713	1620.305	1901.464	2007.912
127.5	513.170	479.351	733.016	1265.786	1659.481	1933.524	2032.963
130.0	542.753	503.636	786.128	1311.015	1694.775	1955.177	2054.616
132.5	570.872	529.560	836.526	1355.454	1718.812	1971.343	2069.307
135.0	593.587	554.836	885.625	1388.388	1743.851	1985.515	2077.744
137.5	612.208	582.224	931.268	1416.932	1766.366	1993.067	2082.452
140.0	628.999	617.990	974.586	1437.936	1779.865	1994.259	2076.729
142.5	643.501	655.466	1015.461	1457.040	1786.697	1992.170	2071.478
145.0	654.758	695.398	1052.713	1477.608	1787.358	1988.335	2058.888
147.5	666.145	739.058	1089.164	1487.874	1784.644	1976.925	2040.810
150.0	676.600	783.426	1122.251	1494.517	1772.360	1957.974	2018.107
152.5	692.754	831.357	1151.090	1494.564	1756.442	1933.772	1990.778
155.0	717.074	877.566	1179.445	1493.219	1737.975	1902.490	1957.762
157.5	756.215	925.804	1201.995	1488.830	1712.263	1866.406	1920.332
160.0	801.716	972.721	1225.170	1481.844	1685.252	1822.888	1874.300
162.5	856.668	1019.437	1243.909	1470.717	1652.260	1775.251	1821.365
165.0	915.350	1066.401	1262.352	1457.760	1614.346	1720.475	1765.138
167.5	977.123	1113.483	1278.141	1442.538	1569.294	1660.826	1700.144
170.0	1041.916	1156.152	1291.109	1422.490	1523.297	1597.484	1631.161
172.5	1109.188	1197.440	1300.266	1398.158	1470.929	1528.360	1559.063
175.0	1173.793	1238.953	1305.115	1370.771	1415.268	1453.158	1478.918
177.5	1236.345	1276.512	1308.396	1340.586	1359.089	1377.343	1393.025
180.0	1304.667	1304.667	1304.667	1304.667	1304.667	1304.667	1304.667

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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	0.00	N.A.	0.00
0-30	0.00	N.A.	0.00
0-40	0.00	N.A.	0.00
0-60	0.00	N.A.	0.00
0-80	0.00	N.A.	0.00
0-90	0.00	N.A.	0.00
10-90	0.00	N.A.	0.00
20-40	0.00	N.A.	0.00
20-50	0.00	N.A.	0.00
40-70	0.00	N.A.	0.00
60-80	0.00	N.A.	0.00
70-80	0.00	N.A.	0.00
80-90	0.00	N.A.	0.00
90-110	636.38	N.A.	12.60
90-120	1445.05	N.A.	28.60
90-130	2347.76	N.A.	46.50
90-150	3986.23	N.A.	79.00
90-180	5044.89	N.A.	100.00
110-180	4408.51	N.A.	87.40
0-180	5044.89	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	0.00
10-20	0.00
20-30	0.00
30-40	0.00
40-50	0.00
50-60	0.00
60-70	0.00
70-80	0.00
80-90	0.00
90-100	82.52
100-110	553.86
110-120	808.67
120-130	902.71
130-140	878.06
140-150	760.40
150-160	575.41
160-170	359.56
170-180	123.70

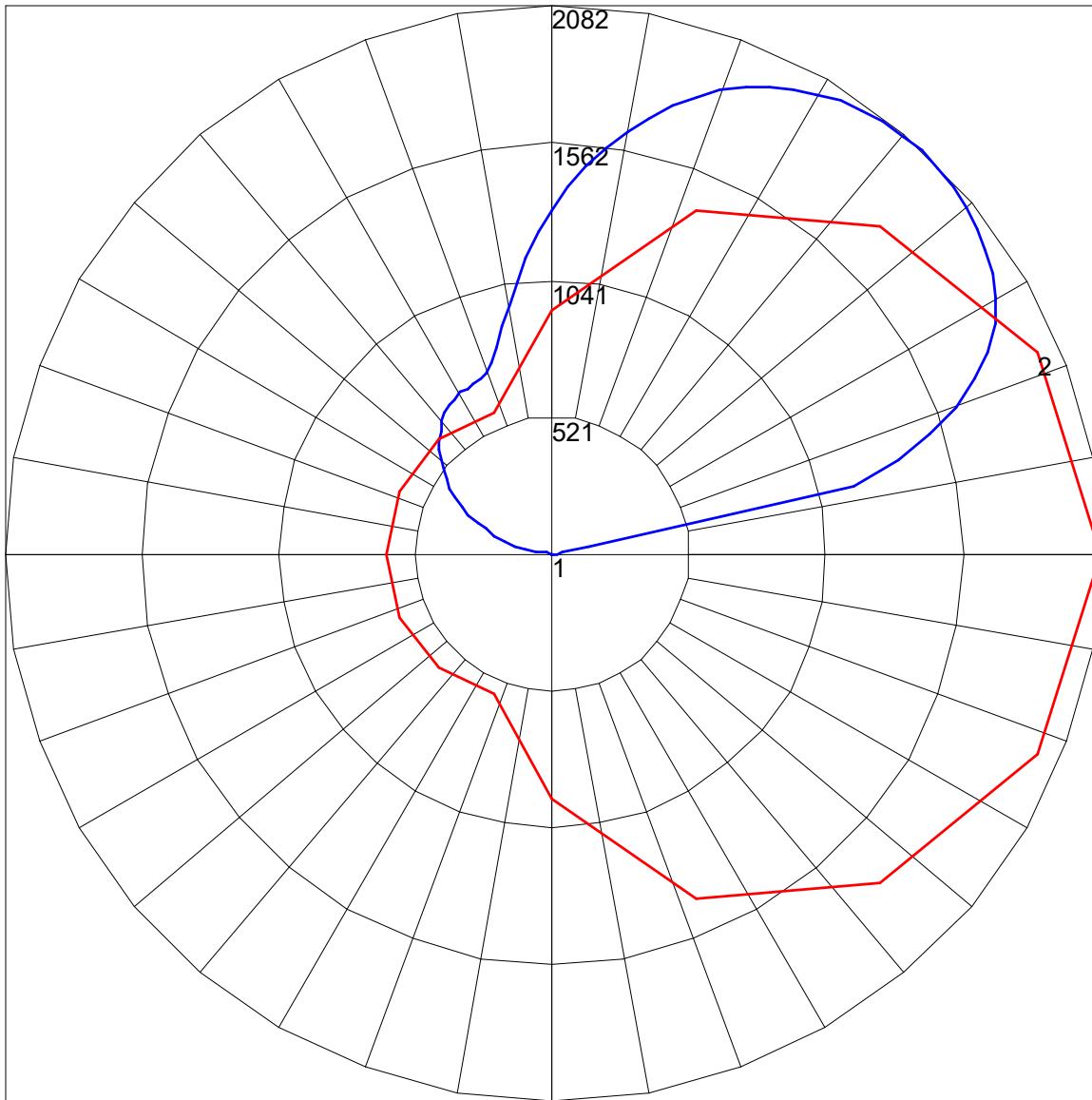
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COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

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	95	95	95	95	81	81	81	81	56	56	56	32	32	32	10	10	10	0
1	87	83	79	76	74	71	68	65	48	47	45	28	27	26	9	9	8	0
2	79	72	66	62	67	62	57	53	42	40	37	24	23	22	8	7	7	0
3	72	63	56	51	61	54	49	44	37	34	31	21	20	18	7	6	6	0
4	65	56	48	43	56	48	42	37	33	29	26	19	17	16	6	6	5	0
5	60	49	42	36	51	42	36	32	29	25	22	17	15	13	5	5	4	0
6	55	44	36	31	47	38	32	27	26	22	19	15	13	11	5	4	4	0
7	50	39	32	27	43	34	28	23	23	19	17	14	11	10	4	4	3	0
8	47	35	28	23	40	30	24	20	21	17	14	12	10	9	4	3	3	0
9	43	32	25	20	37	28	22	18	19	15	13	11	9	8	4	3	3	0
10	40	29	22	18	34	25	19	16	17	14	11	10	8	7	3	3	2	0

POLAR GRAPH



Maximum Candela = 2082.452 Located At Horizontal Angle = 0, Vertical Angle = 137.5
1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (137.5) (Through Max. Cd.)