



IES ROAD REPORT

PHOTOMETRIC FILENAME : VWPX-L30-750-T2-XXX-SDGL-DIM-UNV_.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] GEN FROM 14773930.02
[TESTLAB] UL Verification Services Inc.
[ISSUE DATE] 2024-01-31
[TEST DATE] 4/25/2023
[MANUFAC] H.E. WILLIAMS, INC.
[LUMCAT] VWPX-L30-750-T2-xxx-SDGL-DIM-UNV
[LUMINAIRE] CAST ALUMINUM LED WALL PACK
[LAMP] 8 White LEDs
[BALLAST] UNIVERSAL VOLTAGE DIMMING DRIVER
[_SEARCH_SOURCETYPE] LED
[_SEARCH_APPLICATION] OUTDOOR
[_SEARCH_MOUNTING] WALL

CHARACTERISTICS

IES Classification	Type II
Longitudinal Classification	Very Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	3522
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	130
Total Luminaire Watts	27
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	1976.782
Maximum Candela Angle	60H 45V
Maximum Candela (<90 Degrees Vertical)	1976.782
Maximum Candela Angle (<90 Degrees Vertical)	60H 45V
Maximum Candela At 90 Degrees Vertical	0 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	174.989 (5.0% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

IES ROAD REPORT**PHOTOMETRIC FILENAME : VWPX-L30-750-T2-XXX-SDGL-DIM-UNV_.IES****LUMINAIRE CLASSIFICATION SYSTEM (LCS)**

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	594.7	N.A.	16.9
FM - Front-Medium (30-60)	1423.5	N.A.	40.4
FH - Front-High (60-80)	451.9	N.A.	12.8
FVH - Front-Very High (80-90)	17.9	N.A.	0.5
BL - Back-Low (0-30)	330.3	N.A.	9.4
BM - Back-Medium (30-60)	506.1	N.A.	14.4
BH - Back-High (60-80)	192.0	N.A.	5.5
BVH - Back-Very High (80-90)	5.2	N.A.	0.1
UL - Uplight-Low (90-100)	0.0	N.A.	0.0
UH - Uplight-High (100-180)	0.0	N.A.	0.0
Total	3521.6	N.A.	100.0
BUG Rating	B1-U0-G1		

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CANDELA TABULATION

Vert. Angles	Horizontal Angles									
	<u>0.0</u>	<u>5.0</u>	<u>15.0</u>	<u>25.0</u>	<u>35.0</u>	<u>45.0</u>	<u>55.0</u>	<u>60.0</u>	<u>62.5</u>	<u>65.0</u>
0.0	1057.002	1057.002	1057.002	1057.002	1057.002	1057.002	1057.002	1057.002	1057.002	1057.002
2.5	1129.755	1112.841	1108.323	1098.476	1103.052	1107.049	1084.401	1073.337	1073.047	1072.584
5.0	1189.533	1171.171	1163.409	1146.611	1140.935	1141.108	1113.247	1103.052	1101.894	1100.967
7.5	1274.045	1257.131	1246.241	1220.986	1202.682	1188.317	1143.831	1123.268	1118.692	1114.232
10.0	1382.074	1363.769	1346.798	1312.217	1283.892	1251.686	1177.427	1148.581	1137.865	1129.060
12.5	1489.639	1473.884	1453.842	1405.996	1367.708	1312.622	1219.190	1178.933	1163.004	1151.882
15.0	1609.716	1595.293	1565.809	1508.233	1446.080	1376.281	1273.581	1213.803	1189.301	1168.449
17.5	1704.596	1692.779	1662.833	1609.195	1534.936	1450.888	1317.662	1260.027	1230.775	1201.639
20.0	1790.498	1785.284	1749.777	1685.539	1612.496	1517.095	1368.519	1298.083	1264.082	1233.266
22.5	1827.395	1825.252	1791.772	1739.872	1675.634	1580.754	1419.724	1348.246	1310.074	1272.828
25.0	1810.945	1815.231	1789.629	1752.152	1720.236	1629.758	1484.136	1398.466	1360.699	1324.439
27.5	1753.774	1763.447	1747.750	1731.241	1723.363	1692.779	1546.636	1474.752	1427.544	1381.668
30.0	1679.978	1699.557	1684.438	1672.911	1702.742	1713.169	1619.273	1538.817	1492.709	1443.589
32.5	1593.208	1613.944	1610.874	1609.137	1673.317	1746.186	1696.139	1630.221	1586.778	1536.268
35.0	1493.578	1511.013	1514.894	1530.244	1633.233	1769.239	1795.132	1729.851	1677.140	1629.989
37.5	1336.140	1341.990	1377.729	1431.773	1591.991	1775.785	1875.183	1846.626	1793.915	1737.497
40.0	1101.604	1109.540	1176.906	1301.443	1516.458	1751.804	1936.641	1928.473	1886.304	1829.539
42.5	833.415	845.984	939.880	1119.271	1392.442	1685.018	1944.808	1968.499	1952.049	1907.505
45.0	595.520	602.413	708.993	909.527	1242.708	1602.591	1913.818	1976.782	1971.801	1941.506
47.5	402.052	403.327	498.207	704.591	1075.654	1496.358	1852.129	1939.479	1950.716	1932.760
50.0	261.586	264.135	335.497	515.758	895.741	1385.954	1772.194	1871.881	1895.630	1889.606
52.5	178.059	180.898	225.963	363.880	726.313	1271.554	1703.495	1822.993	1858.675	1859.080
55.0	137.512	137.860	161.898	253.593	573.045	1154.547	1653.681	1808.223	1856.416	1872.982
57.5	116.080	114.980	127.028	184.083	445.090	1030.994	1599.695	1789.107	1857.111	1883.119
60.0	101.483	100.672	107.218	143.015	345.692	899.912	1504.699	1720.236	1800.577	1833.362
62.5	89.725	88.682	93.026	117.528	271.665	766.686	1349.230	1565.114	1647.193	1682.179
65.0	77.676	76.808	80.225	99.572	215.305	626.335	1140.587	1336.545	1408.545	1441.098
67.5	65.686	64.586	67.945	84.685	172.556	494.558	910.048	1071.773	1133.926	1157.443
70.0	53.290	52.421	55.781	70.899	137.860	380.910	691.674	814.589	858.901	875.699
72.5	41.242	40.547	43.791	57.055	108.029	281.570	502.609	587.410	613.650	625.466
75.0	30.294	30.121	33.017	44.022	82.021	201.055	351.658	404.196	421.283	428.871
77.5	21.200	21.374	23.807	32.496	59.720	137.744	233.956	266.278	277.399	282.381
80.0	14.134	14.365	16.219	22.590	41.010	88.161	145.448	164.968	171.456	174.989
82.5	8.747	8.862	10.195	14.365	25.834	51.495	82.658	93.142	97.602	99.340
85.0	4.808	4.924	5.677	7.994	14.134	26.240	41.184	45.760	48.598	49.467
87.5	2.085	2.143	2.491	3.360	5.561	10.021	15.466	17.030	18.188	18.883
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

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CANDELA TABULATION - (Cont.)

132.5	0.000	0.000	0.000	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	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

	<u>67.5</u>	<u>70.0</u>	<u>72.5</u>	<u>75.0</u>	<u>77.5</u>	<u>80.0</u>	<u>82.5</u>	<u>85.0</u>	<u>87.5</u>	<u>90.0</u>
0.0	1057.002	1057.002	1057.002	1057.002	1057.002	1057.002	1057.002	1057.002	1057.002	1057.002
2.5	1060.652	1055.091	1057.292	1053.353	1047.155	1039.741	1037.656	1036.729	1038.235	1037.250
5.0	1086.718	1080.230	1077.739	1071.194	1063.200	1051.963	1046.171	1046.634	1042.869	1041.015
7.5	1099.229	1090.077	1086.080	1076.870	1063.664	1050.573	1041.247	1035.860	1032.095	1027.751
10.0	1106.933	1092.800	1088.919	1080.230	1067.429	1052.484	1042.174	1036.555	1029.836	1023.870
12.5	1126.975	1109.366	1096.854	1083.937	1070.151	1052.137	1038.640	1029.778	1020.742	1012.748
15.0	1139.081	1117.070	1101.720	1083.068	1065.228	1048.314	1033.833	1023.175	1011.126	1000.642
17.5	1159.876	1132.709	1112.668	1089.961	1066.618	1043.564	1026.940	1014.891	1001.105	989.173
20.0	1186.985	1149.681	1123.731	1097.086	1069.224	1041.768	1023.754	1010.200	993.402	979.210
22.5	1223.709	1179.918	1144.294	1111.104	1078.956	1046.113	1024.043	1007.303	988.652	972.954
25.0	1269.816	1221.855	1176.500	1131.841	1092.742	1052.774	1026.940	1009.794	988.130	971.738
27.5	1320.152	1267.673	1217.800	1162.714	1116.491	1070.904	1037.192	1018.019	996.008	975.677
30.0	1385.317	1326.177	1273.871	1209.517	1150.666	1093.726	1050.747	1025.376	998.846	976.604
32.5	1460.561	1392.558	1328.378	1263.329	1195.036	1128.481	1079.883	1048.893	1017.846	993.402
35.0	1555.788	1478.054	1404.780	1330.058	1250.643	1173.083	1113.305	1074.785	1040.899	1012.053
37.5	1656.171	1567.663	1477.996	1393.079	1308.626	1215.078	1145.916	1099.171	1057.582	1027.403
40.0	1749.256	1662.427	1560.596	1458.534	1364.349	1256.957	1177.079	1125.353	1074.438	1040.494
42.5	1828.322	1738.424	1628.194	1511.534	1410.978	1295.245	1205.752	1147.075	1095.638	1055.728
45.0	1871.765	1786.848	1681.948	1560.596	1450.888	1334.228	1236.510	1174.878	1121.762	1080.230
47.5	1877.963	1801.214	1696.950	1580.986	1475.100	1369.214	1279.084	1220.870	1171.808	1132.246
50.0	1844.251	1781.577	1692.316	1595.872	1501.340	1411.673	1340.774	1294.029	1252.439	1216.352
52.5	1830.002	1785.169	1711.141	1633.175	1555.788	1485.295	1428.007	1394.759	1356.761	1319.342
55.0	1856.358	1820.560	1761.478	1699.035	1636.535	1572.876	1521.150	1489.871	1452.799	1406.865
57.5	1870.375	1842.919	1795.943	1743.695	1689.420	1625.529	1573.224	1535.978	1493.230	1440.172
60.0	1824.210	1804.052	1758.929	1708.419	1651.885	1590.659	1534.299	1490.218	1446.138	1388.329
62.5	1673.664	1655.476	1616.957	1563.898	1506.958	1446.891	1390.415	1340.252	1298.605	1243.519
65.0	1432.584	1415.438	1383.464	1331.100	1279.084	1221.276	1171.171	1119.792	1084.343	1035.570
67.5	1146.322	1134.447	1104.442	1056.829	1010.373	965.540	922.850	879.638	848.070	811.809
70.0	867.300	855.542	831.329	793.389	755.043	719.478	684.086	652.517	627.783	599.748
72.5	620.833	610.696	593.376	565.631	537.943	511.066	486.390	462.294	444.511	425.048
75.0	424.469	417.344	405.702	386.703	367.356	349.168	334.455	316.846	304.045	292.749
77.5	278.616	275.430	267.784	254.983	242.471	231.118	221.850	209.165	200.997	194.046

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CANDELA TABULATION - (Cont.)

80.0	172.383	170.587	166.880	157.786	150.835	144.347	138.149	130.619	126.565	121.989
82.5	98.182	97.023	96.038	90.536	86.771	82.890	79.472	75.417	73.506	70.899
85.0	49.062	48.598	48.656	46.166	43.849	41.416	39.852	37.651	37.303	36.666
87.5	18.710	18.883	19.231	18.478	17.146	16.335	15.640	14.539	14.539	15.002
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
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
Angles

	<u>92.5</u>	<u>95.0</u>	<u>97.5</u>	<u>100.0</u>	<u>102.5</u>	<u>105.0</u>	<u>107.5</u>	<u>110.0</u>	<u>112.5</u>	<u>115.0</u>
0.0	1057.002	1057.002	1057.002	1057.002	1057.002	1057.002	1057.002	1057.002	1057.002	1057.002
2.5	1034.991	1031.400	1028.330	1026.303	1030.357	1033.311	1034.006	1029.488	1031.458	1040.784
5.0	1037.308	1033.138	1028.735	1027.461	1031.110	1032.790	1032.037	1027.751	1027.519	1032.848
7.5	1022.943	1017.788	1013.038	1009.389	1010.663	1010.837	1006.956	1001.627	1000.179	1005.797
10.0	1018.657	1012.980	1006.724	1001.511	1001.453	999.426	994.734	987.783	982.917	984.945
12.5	1004.813	997.398	990.795	983.149	983.265	979.616	972.259	964.671	963.165	965.772
15.0	991.085	983.323	973.186	965.424	961.833	956.330	951.117	944.456	936.983	934.029
17.5	979.616	970.927	959.226	948.858	944.050	941.386	935.767	924.530	917.405	917.231
20.0	970.174	958.763	947.410	933.913	928.816	923.081	910.628	897.131	889.833	889.659
22.5	963.802	949.032	932.581	918.969	917.521	908.832	894.061	884.851	877.901	867.242
25.0	958.299	938.258	921.112	909.759	904.604	891.339	876.221	864.288	849.054	842.451

IES ROAD REPORT

PHOTOMETRIC FILENAME : VWPX-L30-750-T2-XXX-SDGL-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

27.5	962.412	942.254	920.764	907.036	896.031	880.971	866.953	848.707	833.531	826.000
30.0	963.455	941.212	920.301	906.515	891.165	878.769	857.743	836.369	821.308	810.940
32.5	976.835	949.900	929.743	912.076	892.150	879.464	855.136	833.183	812.620	795.474
35.0	993.517	964.381	942.139	917.347	896.494	878.769	851.777	829.476	805.032	788.755
37.5	1005.855	973.186	949.611	921.575	903.156	880.565	853.051	828.317	803.004	779.140
40.0	1015.007	981.759	955.982	926.847	906.921	881.260	851.139	818.644	792.810	762.457
42.5	1028.620	990.505	961.311	930.264	905.588	880.102	845.000	814.473	780.993	743.458
45.0	1053.237	1012.980	982.164	953.492	922.676	895.510	855.600	821.135	780.935	734.017
47.5	1108.323	1069.340	1034.180	1002.901	971.101	938.779	893.250	852.472	806.480	746.644
50.0	1194.167	1156.516	1121.646	1085.849	1055.149	1017.208	962.528	909.933	849.054	770.451
52.5	1295.593	1256.783	1217.453	1175.747	1142.615	1099.403	1032.906	968.262	886.647	781.515
55.0	1377.729	1331.564	1284.297	1238.885	1198.222	1149.797	1070.730	991.896	889.775	760.430
57.5	1400.725	1345.292	1296.404	1249.311	1204.130	1154.199	1066.907	971.274	856.411	711.947
60.0	1340.252	1283.834	1235.178	1193.762	1148.175	1104.037	1016.919	916.478	794.490	644.350
62.5	1194.978	1142.151	1099.982	1064.069	1027.866	988.652	912.018	818.934	704.939	564.240
65.0	994.908	947.873	913.003	887.574	858.380	830.518	769.524	689.067	590.248	472.025
67.5	775.490	741.489	714.322	694.918	673.080	656.746	611.275	544.894	469.940	376.276
70.0	574.667	550.339	529.718	516.801	502.957	493.167	458.702	407.961	353.686	282.091
72.5	407.613	390.236	375.813	367.240	357.972	349.689	327.098	291.417	251.855	202.156
75.0	279.890	268.074	259.327	253.361	246.584	239.459	223.762	199.317	171.630	138.845
77.5	184.894	177.190	172.441	168.328	162.883	157.670	147.765	130.445	108.434	83.816
80.0	115.849	111.620	108.608	105.944	101.831	98.124	86.423	70.957	55.955	38.114
82.5	67.713	65.512	63.485	61.574	58.851	53.348	43.038	28.035	20.505	11.759
85.0	35.102	34.117	32.901	31.627	28.383	22.822	15.002	10.600	6.256	3.707
87.5	14.423	14.307	13.612	12.280	9.731	6.603	4.460	2.607	1.622	0.985
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
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

IES ROAD REPORT

PHOTOMETRIC FILENAME : VWPX-L30-750-T2-XXX-SDGL-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

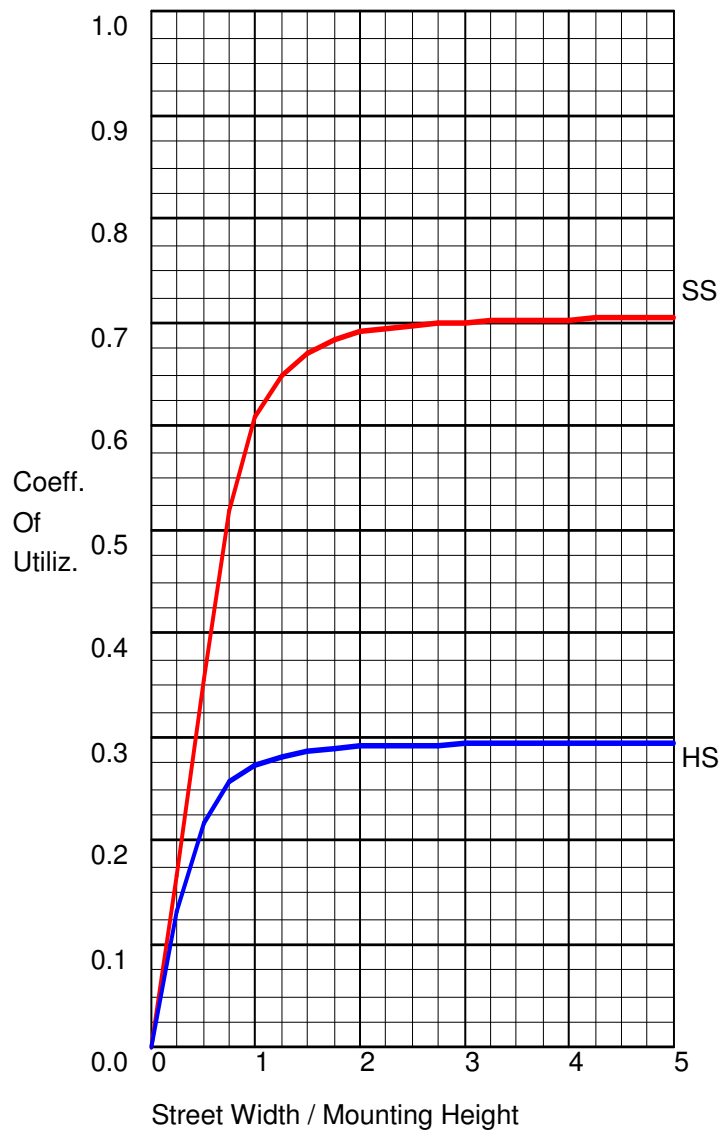
167.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
170.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
172.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
175.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
177.5	0.000	0.000	0.000	0.000	0.000	0.000	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									
	117.5	120.0	125.0	135.0	145.0	155.0	165.0	175.0	180.0	
0.0	1057.002	1057.002	1057.002	1057.002	1057.002	1057.002	1057.002	1057.002	1057.002	
2.5	1038.351	1036.034	1039.625	1046.982	1033.485	1026.129	1031.400	1037.482	1051.731	
5.0	1028.330	1024.101	1023.406	1022.074	1000.816	987.204	989.115	998.557	1012.748	
7.5	999.773	995.487	996.472	1000.526	976.604	951.638	949.727	960.501	978.341	
10.0	977.994	971.854	964.497	956.272	944.340	924.472	910.686	918.505	935.246	
12.5	955.577	947.989	940.169	931.654	893.830	892.555	886.300	891.686	910.222	
15.0	922.213	915.088	910.222	896.900	873.093	860.176	861.624	857.048	878.943	
17.5	909.643	901.128	881.434	869.907	853.746	820.613	817.312	795.243	814.589	
20.0	877.785	865.099	859.596	846.853	814.879	761.067	731.120	685.071	698.972	
22.5	852.819	842.161	826.290	817.428	744.559	663.696	568.527	500.350	502.551	
25.0	832.082	824.610	810.477	759.272	653.096	505.795	382.706	319.858	316.904	
27.5	810.650	795.938	777.634	696.366	519.986	337.235	250.233	210.497	208.527	
30.0	793.794	780.356	740.446	603.397	370.600	228.338	175.916	160.103	161.203	
32.5	778.097	756.955	701.869	487.027	260.428	170.471	144.174	136.470	136.354	
35.0	764.716	732.568	650.200	375.349	194.452	141.219	129.924	126.043	127.028	
37.5	744.501	705.865	596.157	286.783	155.353	127.202	121.699	120.077	120.656	
40.0	725.270	670.995	528.617	222.313	132.994	118.455	115.038	114.400	113.821	
42.5	696.713	629.116	460.614	179.565	120.714	112.721	110.867	109.245	108.666	
45.0	674.065	594.187	407.729	151.877	113.532	108.376	106.812	105.770	104.206	
47.5	672.617	573.045	367.819	135.137	107.971	104.032	102.700	101.252	100.209	
50.0	676.208	558.274	334.629	124.421	103.337	99.224	97.660	97.255	95.749	
52.5	665.608	532.846	299.642	116.660	99.166	94.648	93.374	93.895	92.968	
55.0	630.506	487.201	263.150	109.303	94.764	89.956	89.667	91.289	90.652	
57.5	574.030	435.301	227.005	101.310	89.088	85.149	85.496	88.740	88.624	
60.0	510.023	383.690	195.726	92.968	83.063	79.472	81.268	86.423	87.060	
62.5	443.526	330.806	168.502	84.222	75.128	71.536	72.116	77.329	77.850	
65.0	370.831	275.893	143.189	73.390	62.906	55.665	52.306	53.638	53.174	
67.5	294.719	219.996	118.223	58.851	44.660	33.017	26.993	23.575	22.417	
70.0	223.240	168.328	93.258	40.489	24.502	13.149	5.908	3.533	3.244	
72.5	160.972	122.336	65.686	22.590	8.804	3.591	2.491	2.259	2.143	
75.0	108.260	78.603	38.172	8.341	3.070	2.085	1.680	1.506	1.448	
77.5	62.211	40.489	14.887	2.722	1.738	1.043	0.637	0.405	0.348	
80.0	24.618	16.277	3.591	1.390	0.695	0.232	0.174	0.174	0.174	
82.5	6.951	3.823	1.506	0.695	0.290	0.116	0.116	0.116	0.174	
85.0	2.317	1.332	0.811	0.405	0.174	0.116	0.116	0.116	0.116	
87.5	0.753	0.637	0.463	0.232	0.116	0.116	0.116	0.116	0.116	
90.0	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	
95.0	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	
100.0	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	
105.0	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	
110.0	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	

IES ROAD REPORT**PHOTOMETRIC FILENAME : VWPX-L30-750-T2-XXX-SDGL-DIM-UNV_.IES****CANDELA TABULATION - (Cont.)**

115.0	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
120.0	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
125.0	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
130.0	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
135.0	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
140.0	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
145.0	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
150.0	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
155.0	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
160.0	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
165.0	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
170.0	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
175.0	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
180.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

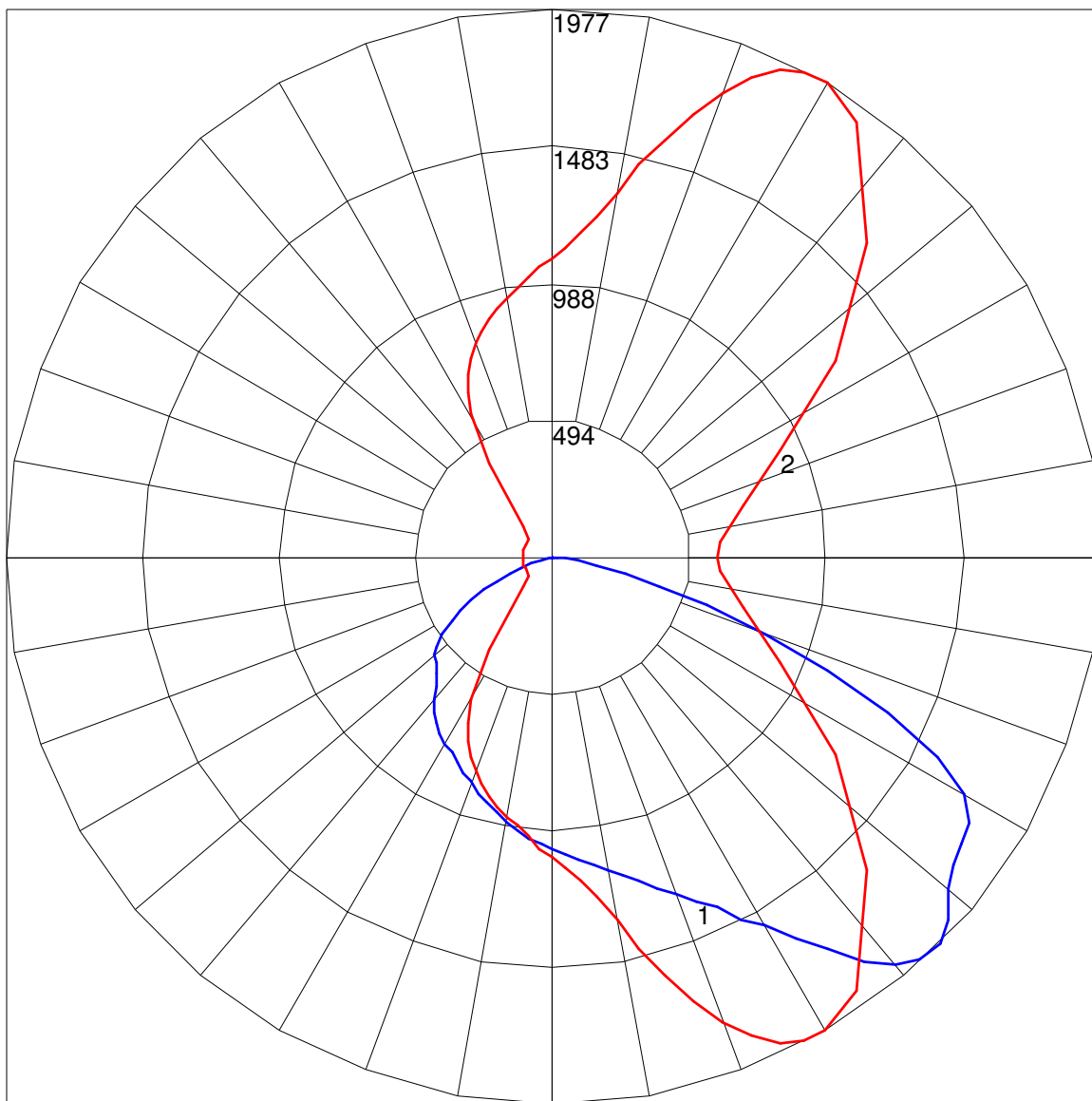
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

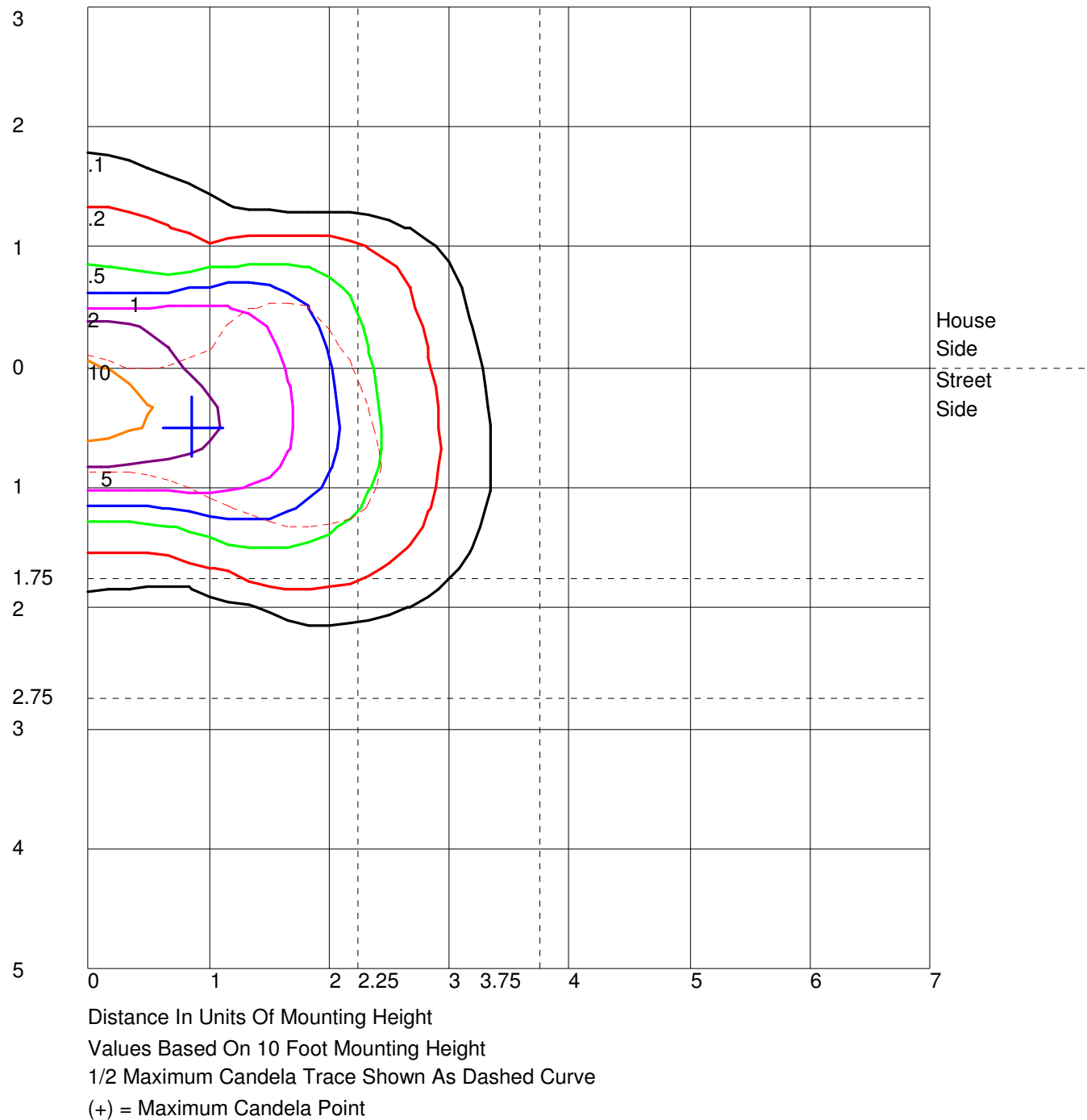
	Lumens	Percent Of Luminaire
Downward Street Side	2488.0	70.7
Downward House Side	1033.5	29.3
Downward Total	3521.5	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	3521.5	100.0

POLAR GRAPH

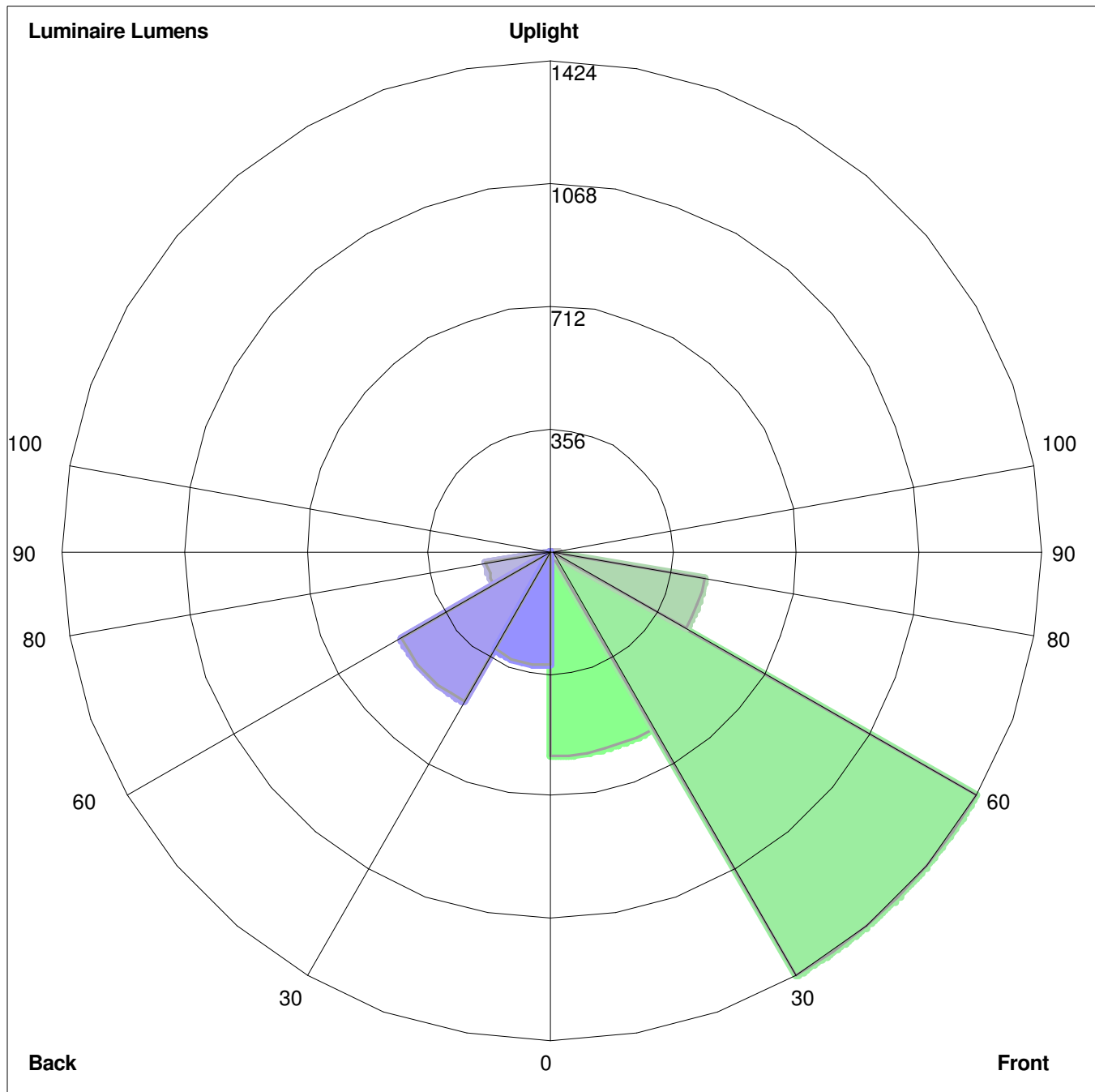


Maximum Candela = 1976.782 Located At Horizontal Angle = 60, Vertical Angle = 45
1 - Vertical Plane Through Horizontal Angles (60 - 240) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (45) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:
Front: Low=594.7, Medium=1423.5, High=451.9, Very High=17.9
Back: Low=330.3, Medium=506.1, High=192.0, Very High=5.2
Uplight: Low=0.0, High=0.0

BUG Rating : B1-U0-G1