



IES ROAD REPORT

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

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] GEN FROM 14773930.01
[TESTLAB] UL Verification Services Inc.
[ISSUEDATE] 2024-01-31
[TESTDATE] 4/25/2023
[MANUFAC] H.E. WILLIAMS, INC.
[LUMCAT] VWPx-L30-750-T2-xxx-CGL-DIM-UNV
[LUMINAIRE] CAST ALUMINUM LED WALL PACK
[LAMP] 8 white LEDs
[BALLAST] UNIVERSAL VOLTAGE LED 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	3594
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	133
Total Luminaire Watts	27
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	2030.388
Maximum Candela Angle	60H 45V
Maximum Candela (<90 Degrees Vertical)	2030.388
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	133.306 (3.7% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

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

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	577.9	N.A.	16.1
FM - Front-Medium (30-60)	1432.6	N.A.	39.9
FH - Front-High (60-80)	553.8	N.A.	15.4
FVH - Front-Very High (80-90)	9.6	N.A.	0.3
BL - Back-Low (0-30)	321.9	N.A.	9.0
BM - Back-Medium (30-60)	489.7	N.A.	13.6
BH - Back-High (60-80)	207.2	N.A.	5.8
BVH - Back-Very High (80-90)	1.3	N.A.	0.0
UL - Uplight-Low (90-100)	0.0	N.A.	0.0
UH - Uplight-High (100-180)	0.0	N.A.	0.0
Total	3594.0	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	1039.512	1039.512	1039.512	1039.512	1039.512	1039.512	1039.512	1039.512	1039.512	1039.512
2.5	1080.420	1089.576	1083.452	1073.344	1072.869	1077.982	1069.182	1061.512	1055.864	1053.961
5.0	1126.679	1136.489	1128.522	1114.906	1110.863	1109.495	1092.966	1081.252	1073.166	1069.420
7.5	1181.737	1192.737	1181.737	1161.224	1148.857	1139.641	1115.144	1100.517	1089.933	1084.225
10.0	1287.514	1296.551	1279.784	1243.812	1208.850	1178.110	1136.132	1116.035	1102.598	1094.749
12.5	1393.409	1404.231	1382.707	1338.470	1292.449	1239.887	1162.770	1131.495	1113.717	1101.884
15.0	1510.542	1521.602	1494.072	1434.138	1371.112	1306.005	1205.818	1155.992	1130.603	1112.527
17.5	1627.438	1643.135	1609.303	1538.250	1457.743	1370.339	1255.525	1194.699	1160.035	1133.754
20.0	1737.020	1759.495	1719.836	1638.675	1541.937	1439.192	1301.665	1236.855	1198.683	1165.386
22.5	1811.581	1841.250	1802.067	1722.036	1620.362	1505.072	1350.778	1277.465	1237.331	1201.002
25.0	1826.921	1858.731	1828.943	1771.446	1682.140	1569.704	1406.787	1327.232	1282.816	1243.158
27.5	1768.771	1806.289	1796.003	1768.354	1720.312	1630.411	1466.959	1387.999	1340.372	1295.541
30.0	1681.367	1719.658	1708.836	1705.269	1714.009	1678.750	1535.039	1458.873	1406.668	1358.031
32.5	1618.043	1656.751	1636.475	1625.535	1678.513	1721.858	1621.314	1539.023	1485.808	1434.436
35.0	1563.579	1598.422	1573.509	1559.239	1628.865	1762.706	1724.712	1646.048	1580.703	1526.537
37.5	1464.819	1498.651	1497.878	1498.948	1593.190	1794.576	1844.759	1769.246	1701.820	1629.697
40.0	1264.563	1293.460	1343.583	1417.312	1561.796	1800.284	1945.838	1893.277	1827.397	1749.387
42.5	989.211	1011.329	1108.425	1273.957	1499.126	1760.625	1992.334	1991.621	1937.870	1867.709
45.0	733.004	755.777	858.818	1069.717	1375.156	1660.378	1974.794	2030.388	1995.367	1937.930
47.5	437.139	469.187	602.433	843.121	1197.791	1547.526	1908.260	1979.848	1973.664	1942.151
50.0	281.774	297.055	383.923	619.855	1019.059	1458.576	1838.337	1905.644	1915.990	1895.595
52.5	139.846	145.852	227.250	423.939	844.251	1368.615	1727.447	1819.191	1848.445	1845.948
55.0	118.441	118.085	127.420	263.817	671.762	1254.217	1576.006	1692.366	1733.036	1725.188
57.5	104.944	104.350	106.550	158.100	505.397	1125.608	1486.819	1641.708	1677.799	1674.648
60.0	94.301	93.350	94.896	109.106	353.897	1007.464	1565.125	1731.728	1779.414	1796.538
62.5	86.750	85.323	85.620	91.923	246.039	882.066	1624.108	1872.645	1963.735	2015.166
65.0	80.091	78.842	77.772	82.588	180.397	719.269	1496.153	1838.159	1964.746	2025.572
67.5	72.777	72.183	70.934	75.334	144.662	616.465	1262.660	1570.655	1651.162	1682.794
70.0	64.096	63.858	63.739	68.675	115.409	498.619	1047.420	1304.281	1348.578	1334.843
72.5	54.107	54.048	54.702	62.550	95.490	411.512	748.761	886.585	921.725	917.444
75.0	42.751	43.167	44.534	57.021	78.069	298.779	424.950	509.024	556.472	560.991
77.5	29.967	30.918	33.118	46.021	58.686	157.684	248.834	252.342	247.823	237.239
80.0	16.351	17.838	19.265	30.502	41.680	72.064	133.306	100.128	80.328	68.734
82.5	9.454	10.108	10.762	18.135	27.291	36.567	59.875	47.686	40.253	35.616
85.0	4.816	5.054	5.173	9.276	16.589	22.119	21.762	20.275	18.432	17.540
87.5	1.903	2.081	2.081	3.389	5.767	7.730	5.767	6.540	6.481	6.362
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	1039.512	1039.512	1039.512	1039.512	1039.512	1039.512	1039.512	1039.512	1039.512	1039.512
2.5	1048.134	1043.258	1046.053	1042.485	1036.777	1032.259	1027.561	1030.475	1032.675	1030.772
5.0	1060.858	1054.793	1055.388	1049.323	1042.069	1035.291	1028.453	1029.226	1029.523	1026.194
7.5	1074.058	1064.663	1063.771	1055.626	1045.934	1037.431	1027.918	1027.323	1025.421	1020.188
10.0	1081.847	1071.442	1068.885	1058.718	1046.885	1035.350	1025.005	1021.853	1017.988	1010.675
12.5	1086.901	1074.533	1069.539	1057.350	1044.329	1031.010	1018.405	1013.589	1008.178	998.902
15.0	1091.360	1075.960	1069.658	1055.091	1040.464	1025.361	1010.318	1004.135	996.524	986.297
17.5	1103.728	1082.501	1071.739	1054.496	1038.204	1021.140	1004.908	996.405	987.070	975.416
20.0	1124.835	1095.225	1077.150	1056.399	1036.777	1017.691	999.140	989.865	979.400	965.962
22.5	1154.029	1114.490	1087.139	1060.204	1037.431	1015.075	994.859	983.859	971.849	957.281
25.0	1192.440	1146.657	1107.830	1071.739	1043.675	1017.334	994.205	982.254	968.103	952.525
27.5	1239.412	1190.061	1142.257	1093.798	1057.528	1026.669	999.794	985.821	970.600	953.119
30.0	1296.076	1242.147	1187.683	1127.570	1080.717	1042.664	1011.864	995.632	978.686	959.957
32.5	1367.069	1308.443	1246.428	1177.159	1118.354	1069.123	1032.140	1013.589	994.562	974.108
35.0	1452.452	1386.631	1317.183	1238.936	1168.954	1104.857	1060.739	1038.383	1016.324	994.146
37.5	1545.028	1470.289	1392.696	1304.459	1223.477	1142.495	1087.852	1059.074	1033.983	1009.843
40.0	1642.600	1555.374	1462.619	1364.037	1272.530	1178.467	1108.544	1071.204	1042.902	1016.502
42.5	1753.074	1644.859	1533.791	1421.117	1317.005	1212.596	1129.533	1082.441	1049.680	1022.329
45.0	1845.650	1725.782	1596.876	1472.489	1359.994	1248.152	1157.181	1100.517	1063.296	1033.686
47.5	1872.407	1772.695	1635.940	1499.007	1389.247	1281.925	1189.407	1127.273	1087.614	1056.934
50.0	1854.926	1774.835	1635.821	1499.662	1393.825	1300.595	1221.158	1161.224	1127.689	1101.706
52.5	1806.051	1715.793	1567.741	1462.024	1388.890	1326.994	1282.519	1249.817	1237.271	1225.023
55.0	1681.010	1603.952	1512.148	1452.214	1431.582	1412.555	1403.577	1395.847	1395.252	1384.788
57.5	1636.713	1605.141	1578.920	1558.347	1553.828	1549.369	1545.861	1530.045	1508.640	1477.484
60.0	1781.316	1785.895	1774.598	1742.966	1708.301	1685.410	1640.221	1592.536	1549.428	1501.683
62.5	2024.680	2027.355	1988.648	1907.903	1817.408	1736.306	1665.610	1591.644	1506.618	1425.636
65.0	2023.193	1982.345	1903.266	1807.537	1699.323	1614.179	1545.742	1480.635	1392.993	1312.367
67.5	1682.259	1632.492	1559.417	1485.154	1405.241	1325.746	1265.930	1217.947	1157.419	1103.728
70.0	1301.665	1244.585	1178.526	1111.933	1051.285	980.470	922.260	880.580	828.613	787.230
72.5	886.110	834.262	781.522	736.631	693.107	645.957	603.147	575.023	535.721	509.619
75.0	538.813	495.586	454.144	419.420	383.567	338.675	293.011	270.298	246.336	233.018
77.5	216.488	180.278	147.754	114.874	88.653	72.004	60.945	57.080	53.334	51.550

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CANDELA TABULATION - (Cont.)

80.0	60.529	55.475	52.145	47.745	43.345	38.945	35.021	32.702	30.740	29.551
82.5	33.951	32.048	29.610	27.529	25.032	21.940	19.443	17.956	17.005	16.351
85.0	16.827	15.875	14.865	13.973	12.546	10.821	9.276	8.384	7.730	7.313
87.5	6.184	6.005	5.886	5.351	4.697	3.924	3.330	2.973	2.676	2.497
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	1039.512	1039.512	1039.512	1039.512	1039.512	1039.512	1039.512	1039.512	1039.512	1039.512
2.5	1028.691	1023.340	1016.680	1018.107	1018.345	1020.902	1020.783	1015.432	1017.632	1020.426
5.0	1022.983	1015.194	1007.286	1007.048	1007.345	1008.356	1007.345	1001.459	1003.956	1006.572
7.5	1015.253	1006.037	997.713	997.237	995.394	996.108	995.513	989.032	990.875	992.124
10.0	1005.264	994.919	985.940	983.800	982.670	982.611	981.778	974.465	975.059	975.773
12.5	991.589	981.303	971.551	969.173	966.557	966.379	964.357	955.676	954.665	952.525
15.0	978.092	967.092	956.806	953.417	950.384	949.017	944.141	934.806	931.655	926.066
17.5	966.081	954.546	943.963	939.563	935.282	932.487	924.995	913.460	907.574	898.774
20.0	955.081	942.774	931.714	926.482	920.060	915.244	905.315	891.164	881.710	869.996
22.5	945.628	932.666	920.536	913.282	904.304	897.347	884.029	867.737	856.024	843.716
25.0	940.157	925.768	911.796	901.926	890.866	880.402	863.753	846.332	833.905	821.419

IES ROAD REPORT

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

CANDELA TABULATION - (Cont.)

27.5	940.038	923.747	908.169	894.791	880.580	867.559	847.937	829.089	815.057	804.830
30.0	945.449	927.493	909.536	893.185	876.299	859.532	836.997	817.554	803.641	791.630
32.5	958.471	937.898	918.217	898.715	878.321	858.580	833.548	814.224	797.279	781.225
35.0	976.903	953.952	932.130	909.120	884.980	862.861	837.175	815.889	794.781	774.268
37.5	991.351	966.854	942.774	917.860	891.580	868.213	840.743	817.197	792.165	767.074
40.0	997.713	970.957	945.330	917.860	891.045	866.726	837.710	811.489	783.128	754.231
42.5	1001.340	972.265	944.260	914.709	886.823	861.910	829.624	800.906	771.474	736.869
45.0	1011.924	980.470	949.492	917.266	887.537	860.661	824.511	792.998	759.939	717.664
47.5	1032.972	999.437	965.249	927.731	896.039	865.715	825.938	791.214	751.198	698.221
50.0	1082.441	1052.831	1021.913	985.703	953.654	924.282	879.153	835.867	787.349	720.220
52.5	1215.688	1193.094	1166.694	1128.641	1090.290	1061.036	1007.583	956.925	893.958	801.560
55.0	1370.874	1340.016	1302.200	1259.747	1217.472	1180.013	1115.500	1050.928	958.946	815.889
57.5	1449.716	1408.512	1364.750	1315.935	1264.860	1212.001	1129.414	1028.037	892.412	722.777
60.0	1448.825	1387.344	1329.075	1263.730	1204.569	1131.495	1034.102	923.985	785.446	614.028
62.5	1346.378	1263.968	1201.953	1146.181	1098.495	1038.918	956.330	851.862	710.291	535.364
65.0	1240.066	1163.483	1108.782	1064.961	1026.253	976.546	904.839	801.619	652.973	483.754
67.5	1065.734	1004.729	961.027	933.795	916.017	884.564	833.192	736.155	598.450	447.484
70.0	767.371	726.761	698.994	688.113	694.475	679.491	664.805	600.055	491.603	372.210
72.5	494.873	467.760	447.960	438.506	445.582	440.290	445.463	402.593	326.724	240.391
75.0	230.520	214.526	206.321	208.818	224.515	221.245	226.477	198.175	140.738	92.161
77.5	51.729	49.172	48.102	48.696	51.729	53.096	60.826	57.318	43.940	32.226
80.0	29.313	28.481	28.243	27.648	27.351	25.448	21.881	16.529	12.546	9.573
82.5	16.292	16.232	16.173	15.935	15.340	12.248	7.730	5.530	3.746	2.557
85.0	7.551	7.551	7.492	7.254	6.065	3.865	2.616	1.843	1.308	0.892
87.5	2.616	2.497	2.378	2.022	1.427	1.070	0.832	0.714	0.595	0.535
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-CGL-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

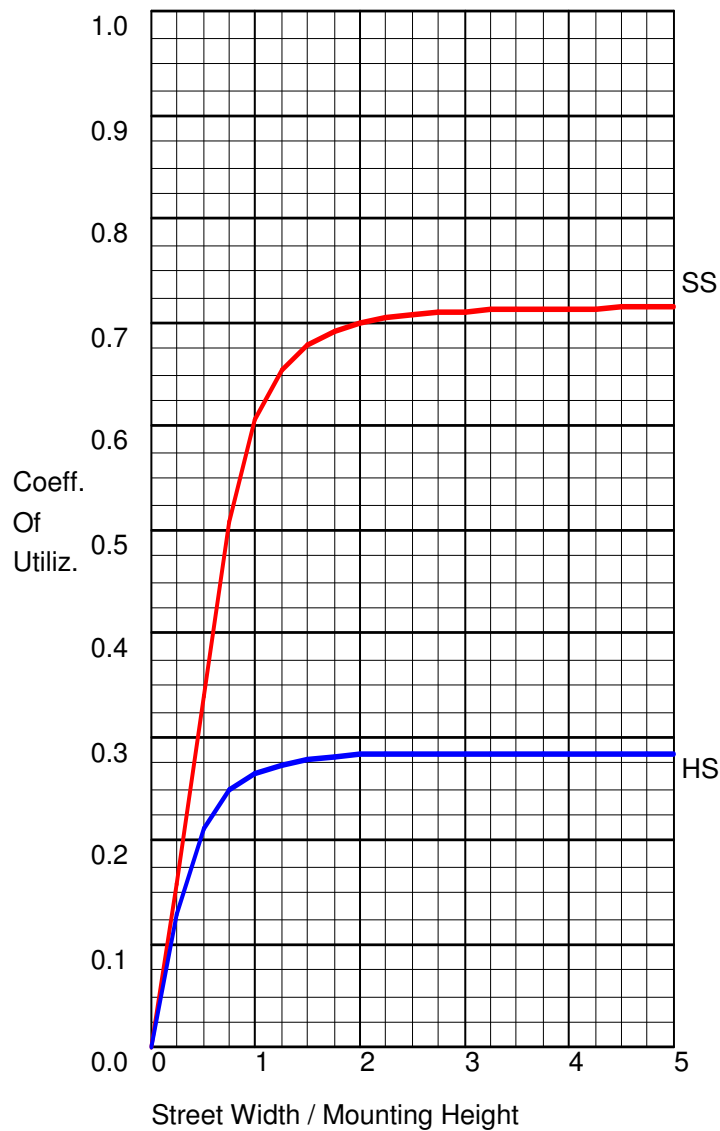
	<u>117.5</u>	<u>120.0</u>	<u>125.0</u>	<u>135.0</u>	<u>145.0</u>	<u>155.0</u>	<u>165.0</u>	<u>175.0</u>	<u>180.0</u>
0.0	1039.512	1039.512	1039.512	1039.512	1039.512	1039.512	1039.512	1039.512	1039.512
2.5	1019.297	1021.734	1024.469	1024.351	1014.421	1010.972	1017.929	1023.459	1013.113
5.0	1005.027	1005.859	1007.762	1006.632	993.729	986.238	990.281	993.908	985.821
7.5	990.816	990.935	990.043	983.146	963.406	949.254	947.173	947.292	940.098
10.0	972.027	969.827	965.903	949.136	921.012	901.450	899.250	900.974	894.255
12.5	947.352	942.892	932.606	905.671	878.856	871.423	883.731	893.482	888.310
15.0	918.990	911.201	895.028	869.699	862.445	864.705	864.348	862.980	858.461
17.5	888.964	879.093	861.851	853.764	848.532	824.332	806.078	796.089	792.522
20.0	859.591	849.662	839.018	838.721	805.127	757.798	720.102	689.480	687.459
22.5	833.608	827.186	822.727	803.879	741.031	649.643	515.683	418.707	415.793
25.0	813.630	809.408	802.333	752.447	642.746	427.090	301.752	255.731	254.839
27.5	797.100	790.679	773.911	685.972	471.327	266.255	192.883	167.495	166.781
30.0	780.690	770.760	738.236	583.942	301.217	179.029	144.306	137.349	137.944
32.5	765.766	749.593	697.151	453.668	206.856	140.084	129.976	127.479	128.371
35.0	753.458	727.415	646.551	322.265	154.830	126.944	122.544	121.057	121.711
37.5	739.485	703.394	582.158	226.656	131.701	119.630	116.836	116.063	116.063
40.0	719.210	670.335	511.164	174.808	120.225	113.685	112.198	111.425	110.831
42.5	693.048	626.336	440.944	145.019	112.555	108.750	107.858	106.906	105.598
45.0	661.951	578.531	372.329	127.420	107.025	105.004	103.814	102.387	100.960
47.5	628.060	533.045	310.492	115.885	102.328	101.079	99.533	97.928	96.382
50.0	633.411	523.116	288.909	110.236	98.047	96.144	94.123	92.874	91.447
52.5	692.394	555.402	278.206	105.360	94.836	90.198	89.069	88.653	87.523
55.0	660.821	494.159	222.077	100.544	91.031	85.442	84.431	85.442	84.609
57.5	563.726	407.766	180.040	94.955	85.739	80.864	80.031	81.993	81.458
60.0	469.425	336.000	151.084	87.285	79.377	75.691	74.799	77.772	78.010
62.5	404.020	288.790	131.998	77.712	70.993	68.199	63.442	65.939	67.129
65.0	361.032	253.531	114.279	66.891	60.172	48.875	39.302	34.367	35.497
67.5	335.821	232.602	100.604	54.583	40.907	23.843	14.032	8.740	10.048
70.0	288.671	211.732	90.139	35.853	17.838	5.708	1.724	1.427	1.368
72.5	182.240	132.355	59.221	17.778	3.449	1.189	1.070	1.070	1.070
75.0	73.610	51.967	28.124	2.973	1.011	0.714	0.535	0.476	0.535
77.5	24.794	19.027	6.362	0.892	0.535	0.297	0.178	0.178	0.178
80.0	6.719	3.627	1.070	0.476	0.238	0.119	0.119	0.119	0.119
82.5	1.724	1.070	0.535	0.238	0.178	0.119	0.119	0.119	0.119
85.0	0.654	0.535	0.357	0.178	0.119	0.119	0.059	0.119	0.119
87.5	0.416	0.357	0.297	0.178	0.119	0.119	0.059	0.119	0.119
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-CGL-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

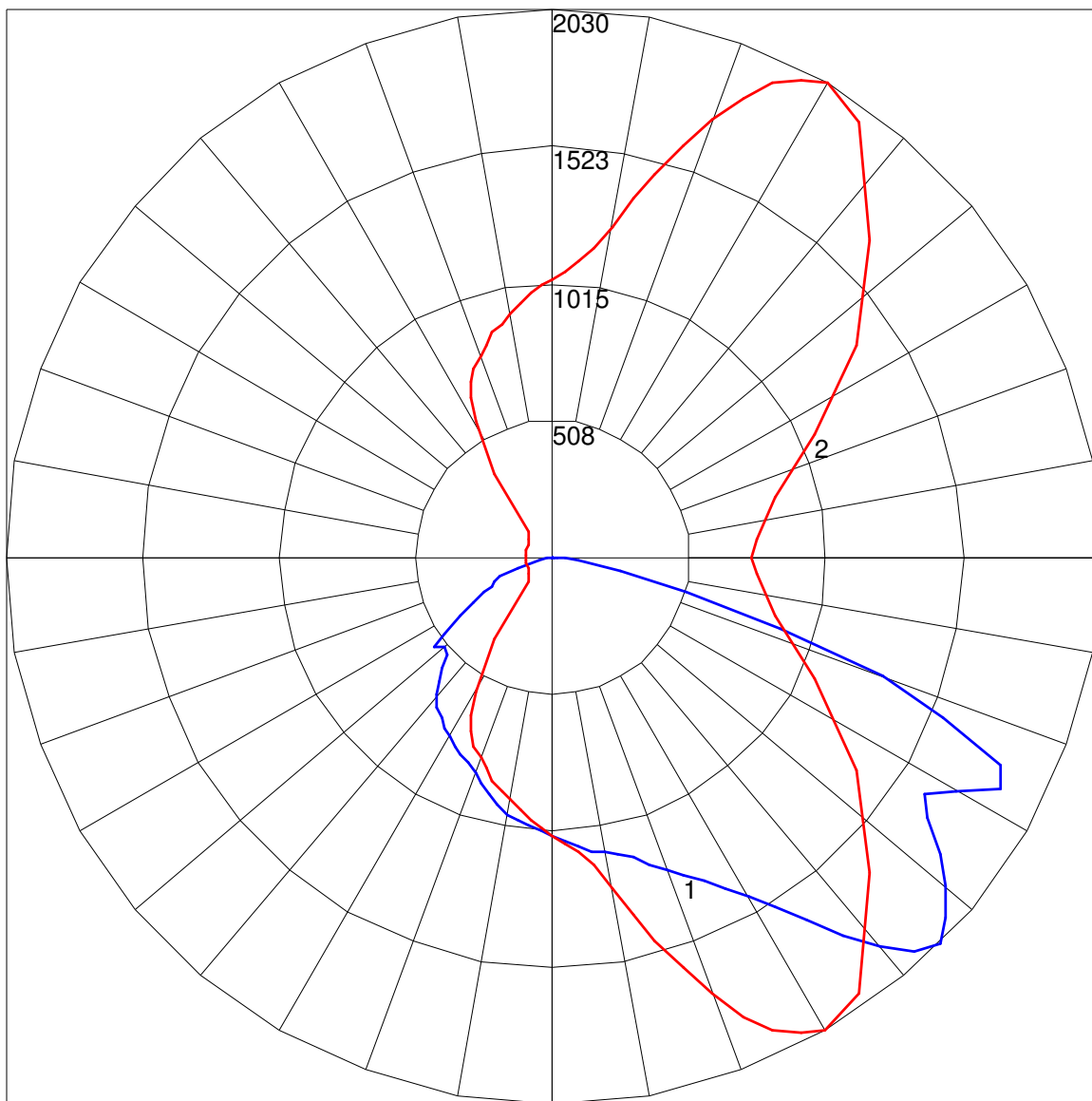
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

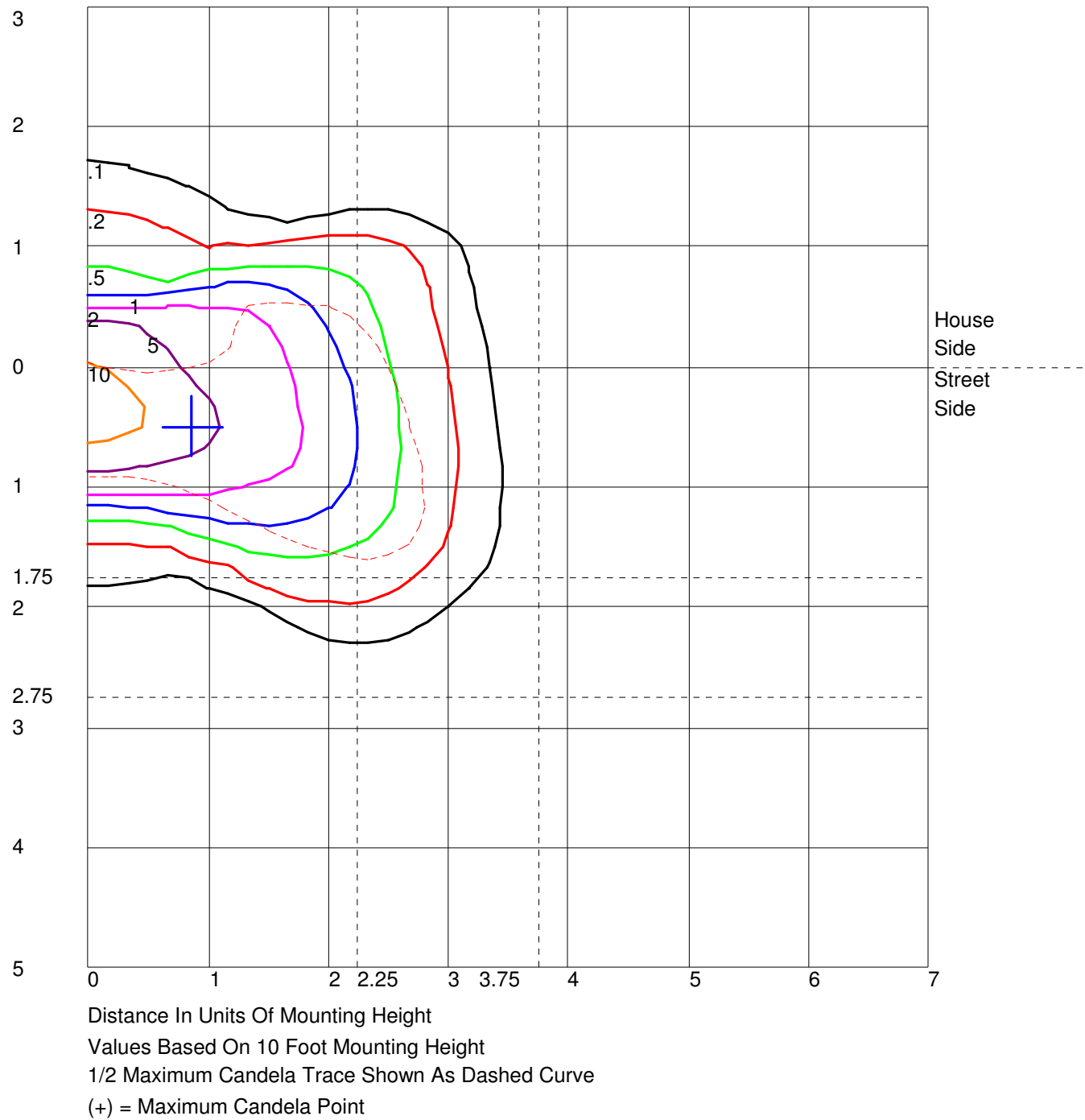
	Lumens	Percent Of Luminaire
Downward Street Side	2573.8	71.6
Downward House Side	1020.1	28.4
Downward Total	3593.9	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	3593.9	100.0

POLAR GRAPH

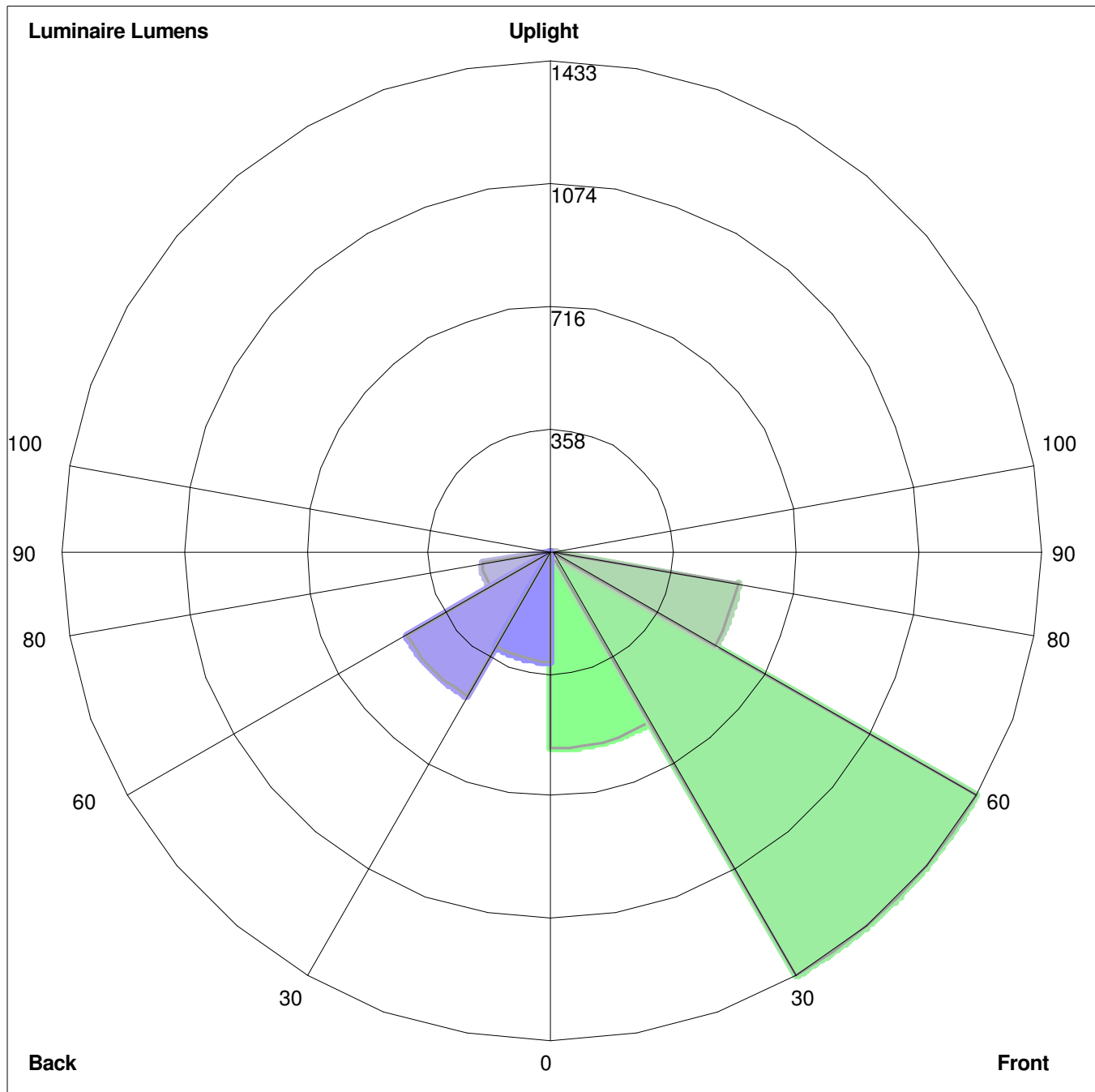


Maximum Candela = 2030.388 Located At Horizontal Angle = 60, Vertical Angle = 45
1 - Vertical Plane Through Horizontal Angles (60 - 240) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (45) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:
Front: Low=577.9, Medium=1432.6, High=553.8, Very High=9.6
Back: Low=321.9, Medium=489.7, High=207.2, Very High=1.3
Uplight: Low=0.0, High=0.0

BUG Rating : B1-U0-G1