



## IES ROAD REPORT

PHOTOMETRIC FILENAME : VWPX-L30-850-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  
[MANUFACT] H.E. WILLIAMS, INC.  
[LUMCAT] VWPX-L30-850-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	3214
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	119
Total Luminaire Watts	27
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	1804.054
Maximum Candela Angle	60H 45V
Maximum Candela (<90 Degrees Vertical)	1804.054
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	159.699 (5.0% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

**IES ROAD REPORT****PHOTOMETRIC FILENAME : VWPX-L30-850-T2-XXX-SDGL-DIM-UNV\_.IES****LUMINAIRE CLASSIFICATION SYSTEM (LCS)**

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	542.7	N.A.	16.9
FM - Front-Medium (30-60)	1299.1	N.A.	40.4
FH - Front-High (60-80)	412.4	N.A.	12.8
FVH - Front-Very High (80-90)	16.3	N.A.	0.5
BL - Back-Low (0-30)	301.4	N.A.	9.4
BM - Back-Medium (30-60)	461.9	N.A.	14.4
BH - Back-High (60-80)	175.2	N.A.	5.5
BVH - Back-Very High (80-90)	4.8	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	3213.8	N.A.	100.0
BUG Rating	B1-U0-G1		

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**CANDELA TABULATION**

<b>Vert. Angles</b>	<b>Horizontal Angles</b>									
	<u><b>0.0</b></u>	<u><b>5.0</b></u>	<u><b>15.0</b></u>	<u><b>25.0</b></u>	<u><b>35.0</b></u>	<u><b>45.0</b></u>	<u><b>55.0</b></u>	<u><b>60.0</b></u>	<u><b>62.5</b></u>	<u><b>65.0</b></u>
<b>0.0</b>	964.643	964.643	964.643	964.643	964.643	964.643	964.643	964.643	964.643	964.643
<b>2.5</b>	1031.039	1015.603	1011.480	1002.493	1006.669	1010.317	989.647	979.550	979.286	978.863
<b>5.0</b>	1085.593	1068.836	1061.752	1046.422	1041.241	1041.400	1015.973	1006.669	1005.612	1004.766
<b>7.5</b>	1162.720	1147.284	1137.346	1114.298	1097.593	1084.483	1043.885	1025.118	1020.942	1016.872
<b>10.0</b>	1261.310	1244.605	1229.116	1197.557	1171.707	1142.315	1074.545	1048.219	1038.440	1030.404
<b>12.5</b>	1359.476	1345.098	1326.807	1283.142	1248.200	1197.927	1112.659	1075.919	1061.382	1051.232
<b>15.0</b>	1469.061	1455.898	1428.991	1376.445	1319.723	1256.024	1162.298	1107.743	1085.382	1066.351
<b>17.5</b>	1555.651	1544.867	1517.536	1468.585	1400.815	1324.111	1202.526	1149.928	1123.232	1096.642
<b>20.0</b>	1634.046	1629.289	1596.884	1538.259	1471.599	1384.533	1248.940	1184.659	1153.628	1125.505
<b>22.5</b>	1667.720	1665.764	1635.209	1587.844	1529.219	1442.630	1295.671	1230.438	1195.601	1161.610
<b>25.0</b>	1652.707	1656.619	1633.253	1599.051	1569.924	1487.352	1354.454	1276.270	1241.803	1208.711
<b>27.5</b>	1600.531	1609.359	1595.034	1579.968	1572.778	1544.867	1411.493	1345.891	1302.807	1260.940
<b>30.0</b>	1533.184	1551.052	1537.254	1526.735	1553.959	1563.474	1477.784	1404.357	1362.278	1317.450
<b>32.5</b>	1453.995	1472.920	1470.118	1468.533	1527.105	1593.606	1547.933	1487.775	1448.127	1402.031
<b>35.0</b>	1363.071	1378.983	1382.525	1396.533	1490.524	1614.646	1638.275	1578.699	1530.594	1487.563
<b>37.5</b>	1219.389	1224.729	1257.345	1306.666	1452.885	1620.619	1711.332	1685.271	1637.165	1585.677
<b>40.0</b>	1005.347	1012.590	1074.069	1187.725	1383.952	1598.734	1767.420	1759.966	1721.482	1669.676
<b>42.5</b>	760.592	772.063	857.754	1021.471	1270.772	1537.783	1774.873	1796.494	1781.481	1740.830
<b>45.0</b>	543.484	549.775	647.042	830.054	1134.122	1462.559	1746.592	1804.054	1799.507	1771.860
<b>47.5</b>	366.922	368.085	454.674	643.025	981.665	1365.608	1690.293	1770.010	1780.265	1763.878
<b>50.0</b>	238.729	241.055	306.182	470.692	817.473	1264.852	1617.342	1708.319	1729.993	1724.495
<b>52.5</b>	162.501	165.091	206.218	332.085	662.848	1160.447	1554.646	1663.703	1696.266	1696.636
<b>55.0</b>	125.497	125.814	147.752	231.434	522.973	1053.664	1509.184	1650.222	1694.204	1709.323
<b>57.5</b>	105.937	104.933	115.928	167.998	406.199	940.908	1459.916	1632.778	1694.839	1718.574
<b>60.0</b>	92.616	91.876	97.849	130.519	315.486	821.279	1373.221	1569.924	1643.245	1673.165
<b>62.5</b>	81.885	80.933	84.898	107.259	247.927	699.694	1231.337	1428.357	1503.263	1535.193
<b>65.0</b>	70.889	70.096	73.215	90.871	196.492	571.607	1040.924	1219.760	1285.468	1315.177
<b>67.5</b>	59.947	58.942	62.008	77.286	157.479	451.344	830.530	978.123	1034.845	1056.307
<b>70.0</b>	48.634	47.841	50.907	64.704	125.814	347.627	631.236	743.412	783.852	799.182
<b>72.5</b>	37.638	37.004	39.964	52.070	98.589	256.967	458.692	536.083	560.030	570.814
<b>75.0</b>	27.647	27.489	30.132	40.176	74.854	183.487	320.931	368.878	384.472	391.397
<b>77.5</b>	19.348	19.506	21.727	29.656	54.502	125.708	213.513	243.011	253.161	257.707
<b>80.0</b>	12.899	13.110	14.802	20.617	37.427	80.457	132.739	150.554	156.474	159.699
<b>82.5</b>	7.982	8.088	9.304	13.110	23.577	46.995	75.435	85.004	89.074	90.660
<b>85.0</b>	4.388	4.493	5.181	7.295	12.899	23.947	37.586	41.762	44.352	45.145
<b>87.5</b>	1.903	1.956	2.273	3.066	5.075	9.145	14.114	15.542	16.599	17.233
<b>90.0</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
<b>92.5</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
<b>95.0</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
<b>97.5</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
<b>100.0</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
<b>102.5</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
<b>105.0</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
<b>107.5</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
<b>110.0</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
<b>112.5</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
<b>115.0</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
<b>117.5</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
<b>120.0</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
<b>122.5</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
<b>125.0</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
<b>127.5</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
<b>130.0</b>	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	964.643	964.643	964.643	964.643	964.643	964.643	964.643	964.643	964.643	964.643
2.5	967.973	962.898	964.907	961.313	955.656	948.890	946.987	946.141	947.515	946.617
5.0	991.762	985.841	983.568	977.594	970.299	960.044	954.758	955.181	951.744	950.053
7.5	1003.180	994.828	991.180	982.775	970.722	958.775	950.264	945.348	941.912	937.947
10.0	1010.211	997.312	993.770	985.841	974.158	960.520	951.110	945.982	939.850	934.405
12.5	1028.501	1012.431	1001.013	989.224	976.643	960.202	947.885	939.797	931.551	924.256
15.0	1039.550	1019.462	1005.453	988.431	972.150	956.714	943.498	933.771	922.776	913.207
17.5	1058.528	1033.735	1015.444	994.722	973.418	952.379	937.207	926.212	913.630	902.740
20.0	1083.267	1049.224	1025.541	1001.224	975.797	950.740	934.300	921.930	906.599	893.648
22.5	1116.783	1076.818	1044.307	1014.017	984.678	954.705	934.564	919.287	902.265	887.939
25.0	1158.861	1115.091	1073.699	1032.942	997.259	960.784	937.207	921.560	901.789	886.829
27.5	1204.799	1156.905	1111.390	1061.118	1018.933	977.330	946.564	929.066	908.978	890.423
30.0	1264.270	1210.297	1162.562	1103.831	1050.122	998.158	958.934	935.780	911.569	891.269
32.5	1332.939	1270.878	1212.306	1152.941	1090.615	1029.876	985.524	957.242	928.908	906.599
35.0	1419.846	1348.904	1282.032	1213.839	1141.364	1070.580	1016.026	980.872	949.947	923.621
37.5	1511.457	1430.683	1348.851	1271.354	1194.280	1108.906	1045.788	1003.127	965.172	937.630
40.0	1596.408	1517.166	1424.233	1331.089	1245.134	1147.126	1074.228	1027.021	980.555	949.577
42.5	1668.566	1586.523	1485.924	1379.458	1287.688	1182.068	1100.395	1046.845	999.903	963.480
45.0	1708.213	1630.716	1534.981	1424.233	1324.111	1217.645	1128.465	1072.219	1023.744	985.841
47.5	1713.869	1643.826	1548.673	1442.841	1346.208	1249.574	1167.319	1114.192	1069.417	1033.312
50.0	1683.103	1625.906	1544.444	1456.427	1370.155	1288.323	1223.619	1180.958	1143.003	1110.069
52.5	1670.099	1629.183	1561.624	1490.471	1419.846	1355.512	1303.230	1272.887	1238.209	1204.059
55.0	1694.152	1661.482	1607.562	1550.576	1493.537	1435.440	1388.234	1359.688	1325.855	1283.935
57.5	1706.944	1681.887	1639.016	1591.333	1541.801	1483.493	1435.758	1401.767	1362.754	1314.331
60.0	1664.813	1646.416	1605.236	1559.140	1507.545	1451.669	1400.234	1360.005	1319.776	1267.019
62.5	1527.422	1510.823	1475.669	1427.247	1375.282	1320.463	1268.922	1223.143	1185.134	1134.862
65.0	1307.406	1291.759	1262.579	1214.790	1167.319	1114.562	1068.836	1021.946	989.594	945.084
67.5	1046.158	1035.321	1007.938	964.484	922.088	881.172	842.212	802.777	773.966	740.874
70.0	791.517	780.786	758.689	724.064	689.068	656.611	624.311	595.501	572.929	547.343
72.5	566.585	557.334	541.528	516.207	490.938	466.410	443.890	421.899	405.670	387.908
75.0	387.380	380.877	370.252	352.913	335.257	318.658	305.231	289.160	277.478	267.169
77.5	254.271	251.363	244.385	232.703	221.284	210.923	202.465	190.888	183.434	177.091

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## CANDELA TABULATION - (Cont.)

80.0	157.320	155.681	152.298	143.999	137.655	131.734	126.078	119.206	115.506	111.329
82.5	89.603	88.545	87.647	82.625	79.189	75.647	72.528	68.828	67.083	64.704
85.0	44.775	44.352	44.405	42.132	40.017	37.797	36.370	34.361	34.044	33.462
87.5	17.075	17.233	17.550	16.863	15.647	14.907	14.273	13.269	13.269	13.692
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

	<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	964.643	964.643	964.643	964.643	964.643	964.643	964.643	964.643	964.643	964.643
2.5	944.555	941.278	938.476	936.626	940.326	943.022	943.656	939.533	941.330	949.841
5.0	946.670	942.863	938.846	937.683	941.013	942.546	941.859	937.947	937.736	942.599
7.5	933.560	928.855	924.520	921.190	922.353	922.511	918.969	914.106	912.784	917.912
10.0	929.648	924.467	918.758	914.000	913.947	912.097	907.815	901.472	897.031	898.881
12.5	917.013	910.247	904.221	897.243	897.348	894.018	887.304	880.379	879.005	881.384
15.0	904.485	897.401	888.150	881.067	877.789	872.767	868.010	861.930	855.111	852.415
17.5	894.018	886.089	875.410	865.948	861.560	859.129	854.001	843.745	837.243	837.085
20.0	885.401	874.987	864.626	852.309	847.657	842.424	831.058	818.741	812.081	811.922
22.5	879.586	866.106	851.093	838.671	837.349	829.420	815.940	807.534	801.191	791.464
25.0	874.565	856.274	840.627	830.265	825.561	813.455	799.658	788.768	774.865	768.839

# IES ROAD REPORT

PHOTOMETRIC FILENAME : VWPX-L30-850-T2-XXX-SDGL-DIM-UNV\_.IES

## CANDELA TABULATION - (Cont.)

27.5	878.318	859.921	840.309	827.781	817.737	803.992	791.200	774.548	760.698	753.826
30.0	879.269	858.970	839.886	827.305	813.296	801.984	782.794	763.288	749.544	740.081
32.5	891.481	866.899	848.503	832.380	814.195	802.618	780.416	760.381	741.614	725.967
35.0	906.705	880.115	859.816	837.190	818.160	801.984	777.350	756.997	734.689	719.835
37.5	917.965	888.150	866.635	841.049	824.239	803.622	778.513	755.940	732.839	711.059
40.0	926.317	895.974	872.450	845.860	827.675	804.257	776.768	747.112	723.535	695.835
42.5	938.740	903.956	877.313	848.979	826.459	803.200	771.165	743.306	712.751	678.496
45.0	961.207	924.467	896.344	870.177	842.054	817.261	780.839	749.385	712.698	669.879
47.5	1011.480	975.903	943.815	915.269	886.247	856.750	815.199	777.984	736.011	681.403
50.0	1089.822	1055.462	1023.638	990.969	962.951	928.326	878.424	830.424	774.865	703.130
52.5	1182.385	1146.967	1111.073	1073.012	1042.774	1003.339	942.652	883.657	809.173	713.227
55.0	1257.345	1215.213	1172.077	1130.633	1093.523	1049.329	977.171	905.225	812.028	693.985
57.5	1278.332	1227.742	1183.126	1140.148	1098.915	1053.347	973.683	886.406	781.579	649.738
60.0	1223.143	1171.654	1127.249	1089.452	1047.849	1007.568	928.062	836.397	725.068	588.047
62.5	1090.562	1042.351	1003.867	971.092	938.053	902.265	832.327	747.376	643.342	514.938
65.0	907.974	865.049	833.226	810.019	783.376	757.949	702.284	628.858	538.673	430.780
67.5	707.729	676.699	651.906	634.197	614.267	599.360	557.863	497.282	428.877	343.398
70.0	524.453	502.251	483.432	471.643	459.009	450.075	418.622	372.314	322.781	257.443
72.5	371.997	356.138	342.975	335.151	326.693	319.134	298.517	265.953	229.848	184.492
75.0	255.434	244.650	236.667	231.223	225.038	218.535	204.210	181.901	156.633	126.712
77.5	168.739	161.708	157.373	153.620	148.651	143.893	134.853	119.047	98.959	76.493
80.0	105.726	101.867	99.118	96.686	92.933	89.550	78.872	64.757	51.066	34.784
82.5	61.797	59.788	57.938	56.193	53.709	48.687	39.277	25.586	18.713	10.731
85.0	32.035	31.136	30.026	28.863	25.903	20.828	13.692	9.674	5.709	3.383
87.5	13.163	13.057	12.423	11.207	8.881	6.026	4.070	2.379	1.480	0.899
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-L30-850-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

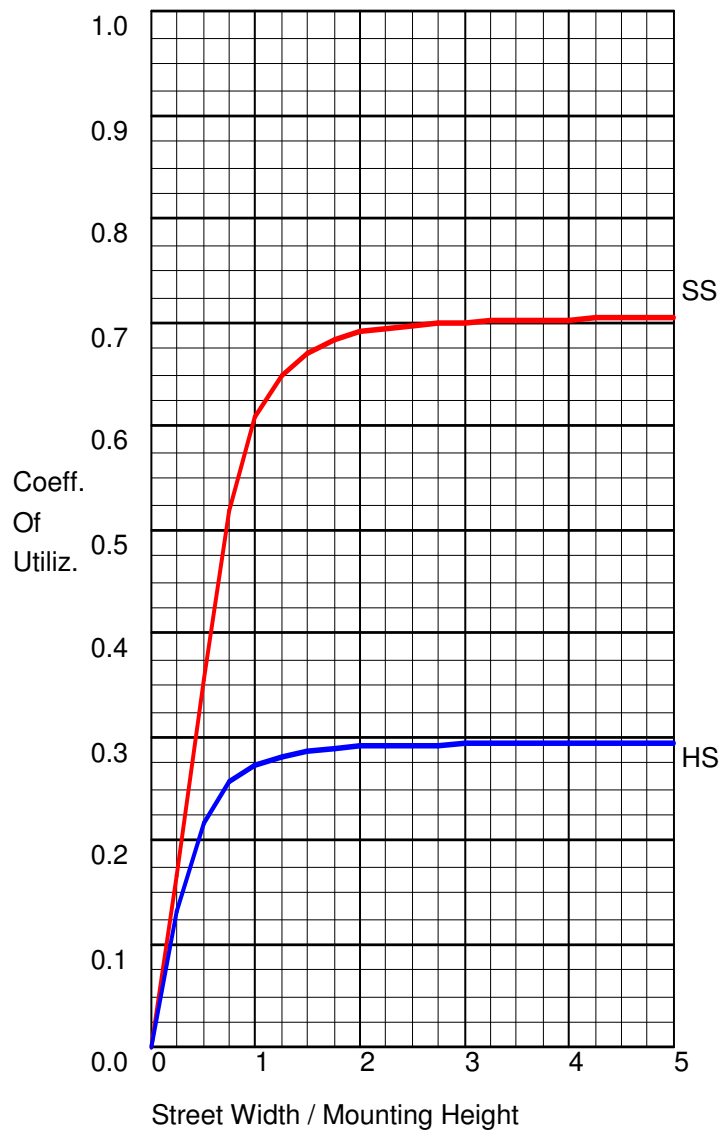
Vert. Angles	Horizontal Angles									
	117.5	120.0	125.0	135.0	145.0	155.0	165.0	175.0	180.0	
0.0	964.643	964.643	964.643	964.643	964.643	964.643	964.643	964.643	964.643	
2.5	947.621	945.507	948.784	955.498	943.181	936.467	941.278	946.828	959.832	
5.0	938.476	934.617	933.982	932.767	913.366	900.943	902.688	911.304	924.256	
7.5	912.414	908.503	909.401	913.102	891.269	868.485	866.741	876.573	892.855	
10.0	892.538	886.934	880.221	872.714	861.825	843.693	831.111	838.248	853.525	
12.5	872.080	865.155	858.018	850.248	815.728	814.565	808.856	813.772	830.688	
15.0	841.631	835.129	830.688	818.530	796.803	785.015	786.336	782.160	802.142	
17.5	830.160	822.389	804.415	793.896	779.147	748.909	745.896	725.755	743.412	
20.0	801.085	789.508	784.486	772.856	743.676	694.566	667.236	625.210	637.897	
22.5	778.301	768.574	754.090	746.002	679.500	605.704	518.850	456.630	458.639	
25.0	759.376	752.557	739.658	692.927	596.030	461.599	349.265	291.909	289.213	
27.5	739.817	726.390	709.685	635.518	474.551	307.768	228.368	192.104	190.307	
30.0	724.434	712.170	675.747	550.673	338.217	208.386	160.545	146.113	147.118	
32.5	710.108	690.813	640.540	444.472	237.672	155.576	131.576	124.545	124.439	
35.0	697.897	668.558	593.387	342.552	177.461	128.880	118.572	115.030	115.928	
37.5	679.447	644.188	544.065	261.724	141.778	116.087	111.065	109.585	110.114	
40.0	661.897	612.364	482.427	202.888	121.373	108.105	104.986	104.404	103.876	
42.5	635.835	574.144	420.366	163.875	110.166	102.871	101.180	99.700	99.171	
45.0	615.166	542.268	372.102	138.607	103.611	98.907	97.479	96.528	95.100	
47.5	613.844	522.973	335.680	123.329	98.537	94.942	93.726	92.404	91.453	
50.0	617.122	509.493	305.389	113.550	94.307	90.554	89.127	88.757	87.382	
52.5	607.448	486.286	273.460	106.466	90.501	86.378	85.215	85.691	84.845	
55.0	575.413	444.630	240.156	99.752	86.484	82.096	81.832	83.312	82.731	
57.5	523.872	397.265	207.170	92.457	81.303	77.709	78.026	80.986	80.880	
60.0	465.458	350.164	178.624	84.845	75.805	72.528	74.167	78.872	79.453	
62.5	404.772	301.900	153.778	76.863	68.563	65.286	65.814	70.572	71.048	
65.0	338.429	251.786	130.677	66.977	57.409	50.801	47.735	48.951	48.528	
67.5	268.967	200.773	107.893	53.709	40.757	30.132	24.634	21.515	20.458	
70.0	203.734	153.620	85.109	36.951	22.361	12.000	5.392	3.225	2.960	
72.5	146.906	111.647	59.947	20.617	8.035	3.278	2.273	2.062	1.956	
75.0	98.801	71.735	34.837	7.612	2.802	1.903	1.533	1.374	1.322	
77.5	56.775	36.951	13.586	2.485	1.586	0.952	0.581	0.370	0.317	
80.0	22.467	14.854	3.278	1.269	0.634	0.211	0.159	0.159	0.159	
82.5	6.344	3.489	1.374	0.634	0.264	0.106	0.106	0.106	0.159	
85.0	2.115	1.216	0.740	0.370	0.159	0.106	0.106	0.106	0.106	
87.5	0.687	0.581	0.423	0.211	0.106	0.106	0.106	0.106	0.106	
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-L30-850-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



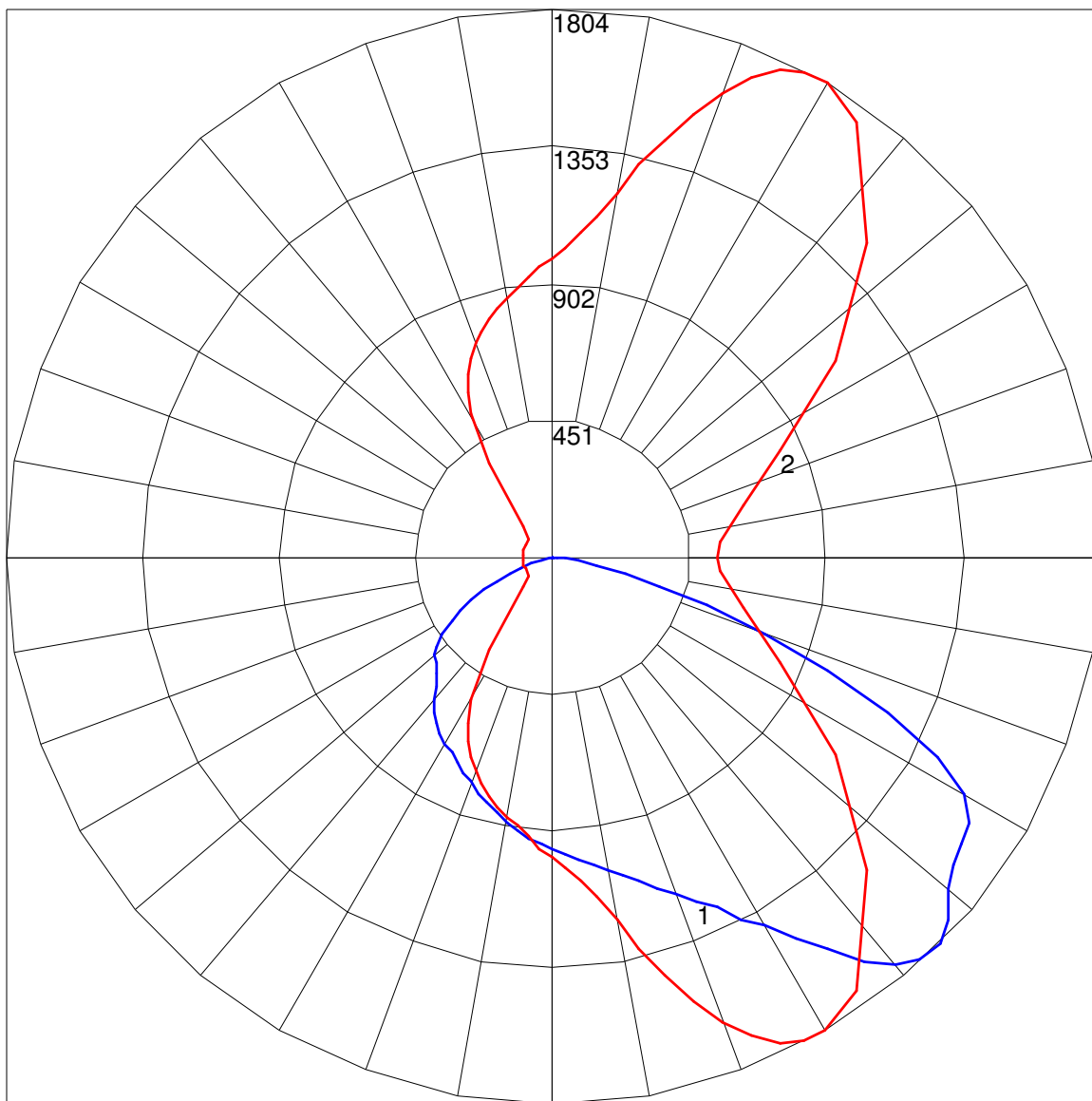
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

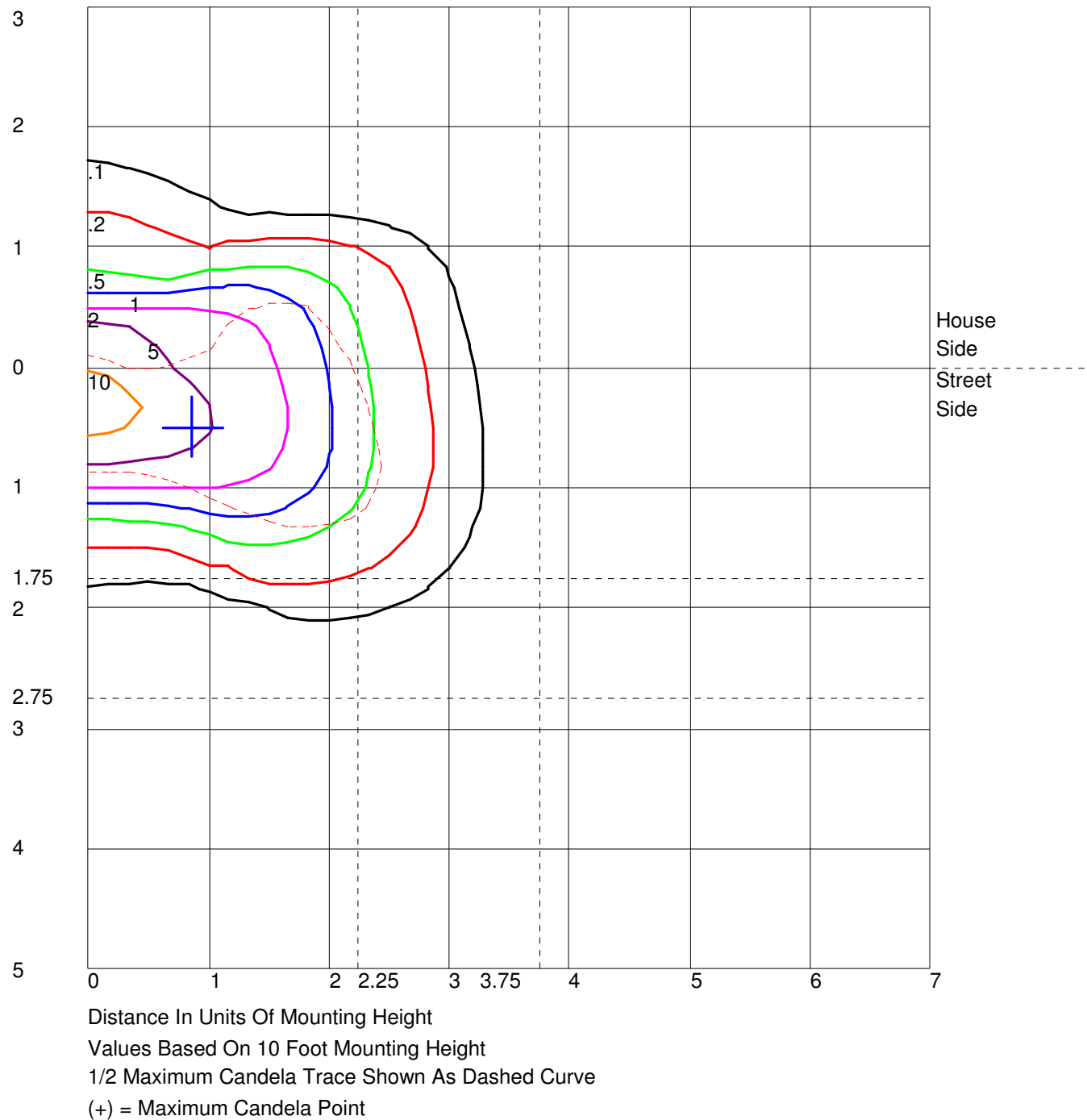
	Lumens	Percent Of Luminaire
Downward Street Side	2270.6	70.7
Downward House Side	943.2	29.3
Downward Total	3213.8	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	3213.8	100.0

POLAR GRAPH

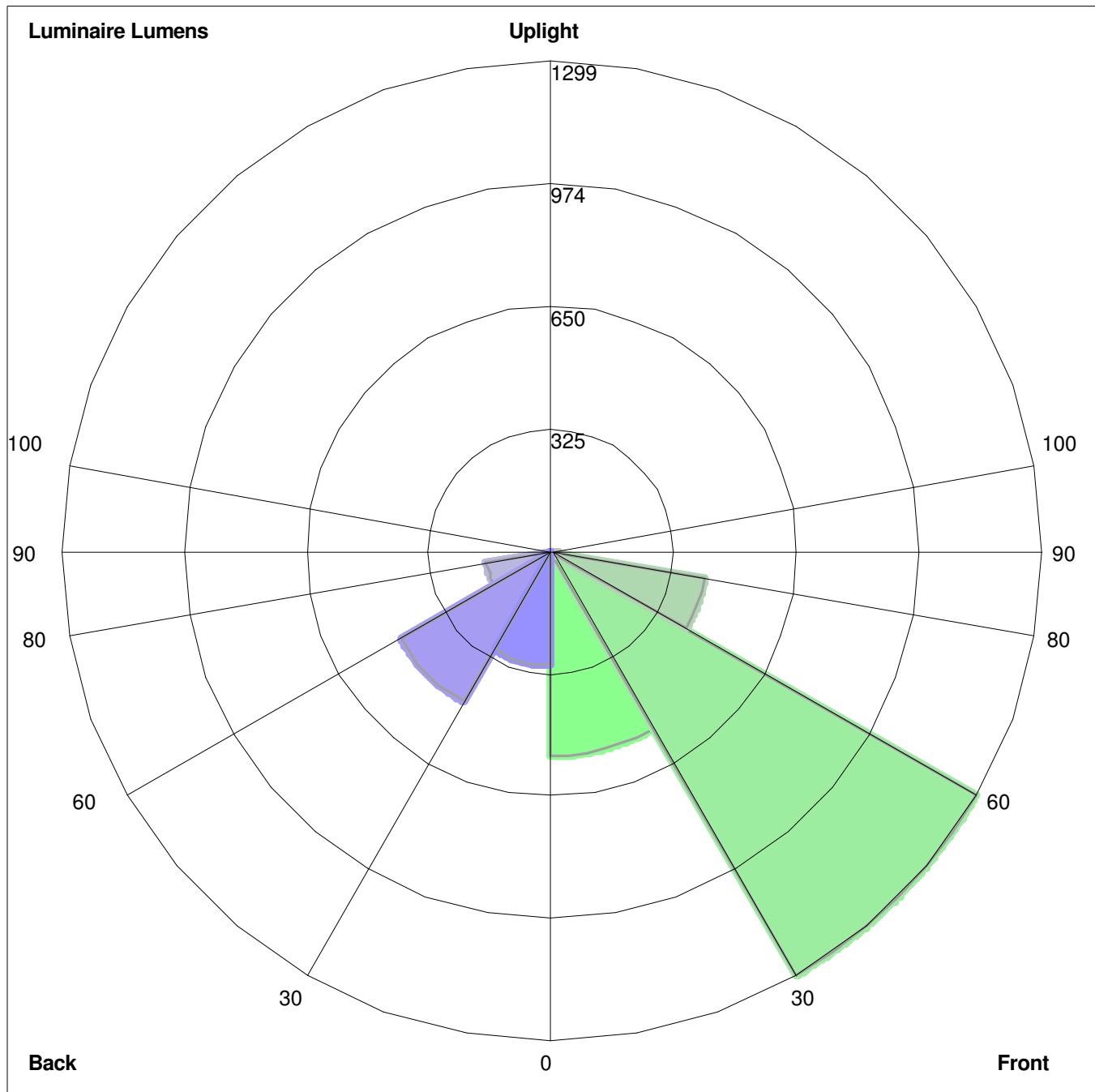


Maximum Candela = 1804.054 Located At Horizontal Angle = 60, Vertical Angle = 45  
# 1 - Vertical Plane Through Horizontal Angles (60 - 240) (Through Max. Cd.)  
# 2 - Horizontal Cone Through Vertical Angle (45) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:  
Front: Low=542.7, Medium=1299.1, High=412.4, Very High=16.3  
Back: Low=301.4, Medium=461.9, High=175.2, Very High=4.8  
Uplight: Low=0.0, High=0.0

BUG Rating : B1-U0-G1