



IES ROAD REPORT

PHOTOMETRIC FILENAME : VWPX-L30-740-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-L30-740-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	3489
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	129
Total Luminaire Watts	27
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	1971.25
Maximum Candela Angle	60H 45V
Maximum Candela (<90 Degrees Vertical)	1971.25
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	129.423 (3.7% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

IES ROAD REPORT**PHOTOMETRIC FILENAME : VWPX-L30-740-T2-XXX-CGL-DIM-UNV_.IES****LUMINAIRE CLASSIFICATION SYSTEM (LCS)**

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	561.1	N.A.	16.1
FM - Front-Medium (30-60)	1390.9	N.A.	39.9
FH - Front-High (60-80)	537.7	N.A.	15.4
FVH - Front-Very High (80-90)	9.3	N.A.	0.3
BL - Back-Low (0-30)	312.5	N.A.	9.0
BM - Back-Medium (30-60)	475.5	N.A.	13.6
BH - Back-High (60-80)	201.1	N.A.	5.8
BVH - Back-Very High (80-90)	1.2	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	3489.3	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	1009.235	1009.235	1009.235	1009.235	1009.235	1009.235	1009.235	1009.235	1009.235	1009.235
2.5	1048.951	1057.841	1051.895	1042.082	1041.620	1046.585	1038.041	1030.594	1025.110	1023.263
5.0	1093.863	1103.388	1095.652	1082.433	1078.507	1077.180	1061.132	1049.759	1041.909	1038.272
7.5	1147.318	1157.997	1147.318	1127.402	1115.395	1106.447	1082.664	1068.463	1058.188	1052.646
10.0	1250.013	1258.788	1242.509	1207.584	1173.641	1143.796	1103.041	1083.530	1070.483	1062.863
12.5	1352.824	1363.331	1342.434	1299.485	1254.805	1203.774	1128.903	1098.539	1081.278	1069.791
15.0	1466.546	1477.283	1450.556	1392.367	1331.177	1267.966	1170.697	1122.322	1097.673	1080.124
17.5	1580.037	1595.277	1562.430	1493.447	1415.285	1330.427	1218.956	1159.902	1126.247	1100.732
20.0	1686.427	1708.248	1669.744	1590.947	1497.026	1397.274	1263.752	1200.830	1163.770	1131.443
22.5	1758.816	1787.622	1749.580	1671.880	1573.167	1461.235	1311.434	1240.257	1201.292	1166.021
25.0	1773.710	1804.593	1775.672	1719.851	1633.145	1523.984	1365.813	1288.575	1245.453	1206.949
27.5	1717.253	1753.678	1743.692	1716.849	1670.206	1582.923	1424.232	1347.571	1301.332	1257.806
30.0	1632.395	1669.571	1659.064	1655.601	1664.087	1629.855	1490.329	1416.382	1365.698	1318.477
32.5	1570.916	1608.496	1588.811	1578.189	1629.624	1671.707	1574.091	1494.197	1442.532	1392.656
35.0	1518.038	1551.866	1527.679	1513.824	1581.422	1711.365	1674.477	1598.105	1534.664	1482.075
37.5	1422.154	1455.001	1454.250	1455.289	1546.786	1742.306	1791.028	1717.715	1652.253	1582.230
40.0	1227.731	1255.786	1304.450	1376.031	1516.306	1747.848	1889.163	1838.133	1774.171	1698.434
42.5	960.399	981.873	1076.141	1236.852	1455.463	1709.344	1934.305	1933.613	1881.428	1813.310
45.0	711.654	733.764	833.804	1038.561	1335.102	1612.017	1917.276	1971.250	1937.249	1881.485
47.5	424.406	455.521	584.887	818.564	1162.904	1502.452	1852.680	1922.183	1916.179	1885.584
50.0	273.567	288.402	372.741	601.801	989.377	1416.093	1784.793	1850.140	1860.184	1840.384
52.5	135.773	141.604	220.631	411.591	819.661	1328.752	1677.133	1766.205	1794.607	1792.182
55.0	114.992	114.645	123.708	256.133	652.196	1217.686	1530.103	1643.074	1682.559	1674.939
57.5	101.888	101.310	103.446	153.495	490.677	1092.824	1443.513	1593.891	1628.931	1625.872
60.0	91.554	90.631	92.132	105.928	343.589	978.121	1519.539	1681.289	1727.586	1744.211
62.5	84.223	82.838	83.126	89.245	238.873	856.375	1576.804	1818.101	1906.539	1956.472
65.0	77.758	76.546	75.506	80.182	175.143	698.320	1452.576	1784.620	1907.520	1966.574
67.5	70.657	70.080	68.868	73.140	140.449	598.510	1225.884	1524.908	1603.070	1633.780
70.0	62.229	61.998	61.883	66.674	112.047	484.096	1016.913	1266.292	1309.299	1295.964
72.5	52.531	52.474	53.109	60.728	92.709	399.526	726.952	860.762	894.879	890.723
75.0	41.505	41.910	43.237	55.360	75.795	290.077	412.573	494.198	540.264	544.651
77.5	29.094	30.018	32.154	44.680	56.976	153.091	241.586	244.992	240.605	230.329
80.0	15.875	17.318	18.703	29.614	40.466	69.965	129.423	97.212	77.989	66.732
82.5	9.179	9.814	10.449	17.607	26.497	35.502	58.131	46.297	39.081	34.578
85.0	4.676	4.907	5.022	9.005	16.106	21.474	21.128	19.685	17.895	17.029
87.5	1.847	2.020	2.020	3.290	5.599	7.504	5.599	6.350	6.292	6.177
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	1009.235	1009.235	1009.235	1009.235	1009.235	1009.235	1009.235	1009.235	1009.235	1009.235
2.5	1017.606	1012.872	1015.585	1012.122	1006.580	1002.193	997.632	1000.461	1002.597	1000.750
5.0	1029.959	1024.071	1024.648	1018.760	1011.718	1005.137	998.498	999.249	999.537	996.305
7.5	1042.775	1033.654	1032.788	1024.879	1015.470	1007.215	997.979	997.401	995.554	990.474
10.0	1050.337	1040.235	1037.752	1027.881	1016.393	1005.194	995.150	992.091	988.338	981.238
12.5	1055.244	1043.236	1038.387	1026.553	1013.911	1000.980	988.742	984.067	978.813	969.808
15.0	1059.573	1044.622	1038.503	1024.360	1010.159	995.496	980.892	974.888	967.499	957.570
17.5	1071.580	1050.972	1040.523	1023.782	1007.965	991.398	975.638	967.384	958.320	947.006
20.0	1092.073	1063.325	1045.776	1025.630	1006.580	988.050	970.039	961.034	950.874	937.827
22.5	1120.417	1082.029	1055.474	1029.324	1007.215	985.510	965.883	955.203	943.542	929.399
25.0	1157.708	1113.259	1075.563	1040.523	1013.276	987.703	965.248	953.645	939.906	924.781
27.5	1203.312	1155.399	1108.987	1061.940	1026.727	996.766	970.674	957.108	942.330	925.359
30.0	1258.326	1205.968	1153.090	1094.729	1049.240	1012.295	982.392	966.633	950.181	931.997
32.5	1327.252	1270.333	1210.124	1142.873	1085.781	1037.983	1002.077	984.067	965.594	945.736
35.0	1410.147	1346.244	1278.819	1202.851	1134.906	1072.677	1029.844	1008.139	986.722	965.190
37.5	1500.028	1427.465	1352.132	1266.465	1187.842	1109.218	1056.167	1028.227	1003.867	980.430
40.0	1594.757	1510.072	1420.018	1324.308	1235.466	1144.143	1076.256	1040.004	1012.526	986.895
42.5	1702.013	1596.951	1489.117	1379.725	1278.646	1177.278	1096.634	1050.914	1019.107	992.552
45.0	1791.894	1675.517	1550.365	1429.601	1320.382	1211.798	1123.476	1068.463	1032.326	1003.578
47.5	1817.871	1721.063	1588.292	1455.347	1348.784	1244.587	1154.764	1094.440	1055.936	1026.149
50.0	1800.899	1723.141	1588.176	1455.982	1353.229	1262.713	1185.590	1127.402	1094.844	1069.617
52.5	1753.448	1665.818	1522.079	1419.441	1348.437	1288.344	1245.164	1213.415	1201.234	1189.343
55.0	1632.048	1557.235	1468.105	1409.916	1389.885	1371.412	1362.696	1355.191	1354.614	1344.454
57.5	1589.042	1558.389	1532.932	1512.958	1508.571	1504.242	1500.836	1485.480	1464.699	1434.450
60.0	1729.433	1733.878	1722.910	1692.200	1658.545	1636.320	1592.448	1546.151	1504.299	1457.945
62.5	1965.709	1968.306	1930.726	1852.333	1764.473	1685.734	1617.097	1545.285	1462.736	1384.112
65.0	1964.265	1924.607	1847.831	1754.891	1649.828	1567.164	1500.720	1437.510	1352.420	1274.143
67.5	1633.261	1584.943	1513.997	1441.897	1364.312	1287.132	1229.059	1182.473	1123.707	1071.580
70.0	1263.752	1208.335	1144.200	1079.546	1020.665	951.913	895.398	854.932	804.479	764.301
72.5	860.301	809.963	758.759	715.176	672.920	627.143	585.579	558.275	520.117	494.775
75.0	523.119	481.152	440.916	407.204	372.395	328.811	284.477	262.425	239.162	226.231
77.5	210.183	175.027	143.451	111.528	86.070	69.907	59.170	55.418	51.781	50.049

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CANDELA TABULATION - (Cont.)

80.0	58.766	53.859	50.626	46.355	42.083	37.811	34.001	31.750	29.845	28.690
82.5	32.962	31.115	28.748	26.727	24.303	21.301	18.877	17.433	16.510	15.875
85.0	16.337	15.413	14.432	13.566	12.180	10.506	9.005	8.139	7.504	7.100
87.5	6.004	5.830	5.715	5.195	4.560	3.810	3.233	2.886	2.598	2.425
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	1009.235	1009.235	1009.235	1009.235	1009.235	1009.235	1009.235	1009.235	1009.235	1009.235
2.5	998.729	993.534	987.068	988.454	988.685	991.167	991.051	985.856	987.992	990.705
5.0	993.187	985.625	977.948	977.717	978.005	978.987	978.005	972.290	974.715	977.255
7.5	985.683	976.735	968.654	968.192	966.402	967.095	966.518	960.225	962.015	963.227
10.0	975.985	965.940	957.224	955.145	954.049	953.991	953.183	946.082	946.660	947.352
12.5	962.708	952.721	943.254	940.945	938.405	938.232	936.269	927.841	926.859	924.781
15.0	949.604	938.924	928.938	925.647	922.703	921.375	916.642	907.579	904.519	899.093
17.5	937.943	926.744	916.469	912.197	908.041	905.327	898.054	886.855	881.140	872.596
20.0	927.263	915.314	904.577	899.497	893.262	888.587	878.946	865.207	856.029	844.657
22.5	918.085	905.501	893.724	886.682	877.965	871.211	858.280	842.463	831.091	819.141
25.0	912.774	898.804	885.238	875.656	864.919	854.759	838.595	821.681	809.617	797.494

IES ROAD REPORT

PHOTOMETRIC FILENAME : VWPX-L30-740-T2-XXX-CGL-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

27.5	912.659	896.842	881.717	868.729	854.932	842.290	823.240	804.941	791.317	781.388
30.0	917.912	900.478	883.045	867.170	850.776	834.497	812.618	793.742	780.234	768.573
32.5	930.554	910.580	891.473	872.539	852.738	833.573	809.270	790.509	774.057	758.471
35.0	948.449	926.167	904.981	882.641	859.204	837.729	812.792	792.125	771.632	751.717
37.5	962.477	938.693	915.314	891.127	865.611	842.925	816.255	793.395	769.092	744.732
40.0	968.654	942.677	917.796	891.127	865.092	841.482	813.311	787.854	760.318	732.263
42.5	972.175	943.946	916.757	888.067	860.993	836.806	805.460	777.578	749.004	715.407
45.0	982.450	951.913	921.837	890.549	861.686	835.594	800.496	769.901	737.805	696.761
47.5	1002.885	970.328	937.135	900.709	869.941	840.500	801.881	768.169	729.319	677.884
50.0	1050.914	1022.166	992.148	956.993	925.878	897.361	853.547	811.522	764.417	699.243
52.5	1180.279	1158.343	1132.713	1095.768	1058.534	1030.132	978.236	929.053	867.920	778.213
55.0	1330.946	1300.986	1264.272	1223.055	1182.011	1145.643	1083.010	1020.319	931.016	792.125
57.5	1407.492	1367.487	1325.000	1277.607	1228.019	1176.700	1096.518	998.094	866.420	701.725
60.0	1406.626	1346.936	1290.364	1226.923	1169.485	1098.539	1003.982	897.072	762.569	596.143
62.5	1307.163	1227.154	1166.945	1112.797	1066.500	1008.658	928.476	827.050	689.603	519.771
65.0	1203.947	1129.595	1076.487	1033.942	996.362	948.103	878.484	778.271	633.954	469.664
67.5	1034.693	975.465	933.036	906.597	889.337	858.800	808.924	714.714	581.019	434.451
70.0	745.020	705.593	678.635	668.071	674.247	659.700	645.442	582.578	477.284	361.369
72.5	480.459	454.136	434.913	425.734	432.604	427.466	432.488	390.867	317.208	233.389
75.0	223.806	208.278	200.312	202.736	217.976	214.801	219.881	192.403	136.639	89.476
77.5	50.222	47.740	46.701	47.278	50.222	51.550	59.054	55.649	42.660	31.288
80.0	28.459	27.651	27.420	26.843	26.554	24.707	21.243	16.048	12.180	9.294
82.5	15.817	15.759	15.702	15.471	14.893	11.892	7.504	5.369	3.637	2.482
85.0	7.331	7.331	7.274	7.043	5.888	3.752	2.540	1.790	1.270	0.866
87.5	2.540	2.425	2.309	1.963	1.385	1.039	0.808	0.693	0.577	0.520
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-L30-740-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

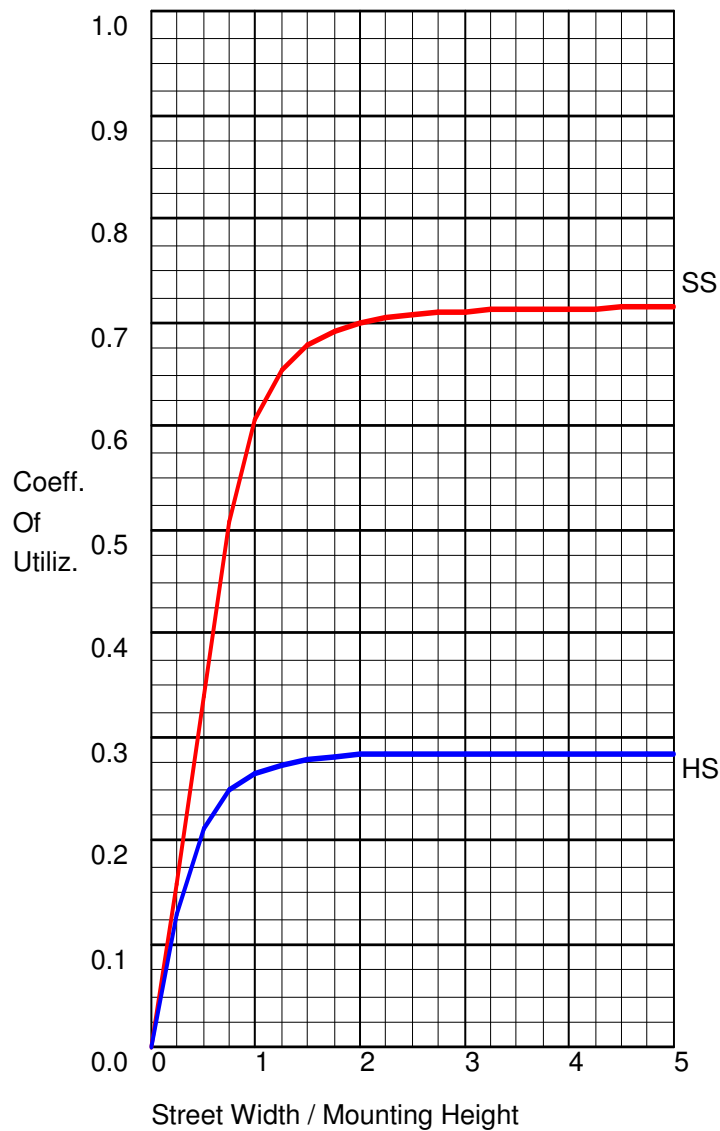
Horizontal Angles

	<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	1009.235	1009.235	1009.235	1009.235	1009.235	1009.235	1009.235	1009.235	1009.235
2.5	989.608	991.975	994.631	994.515	984.875	981.527	988.281	993.649	983.605
5.0	975.754	976.562	978.409	977.313	964.786	957.512	961.438	964.959	957.108
7.5	961.957	962.073	961.207	954.510	935.345	921.606	919.586	919.701	912.716
10.0	943.716	941.580	937.770	921.491	894.186	875.194	873.058	874.732	868.209
12.5	919.759	915.430	905.443	879.293	853.258	846.042	857.991	867.459	862.436
15.0	892.223	884.661	868.960	844.368	837.325	839.519	839.173	837.845	833.458
17.5	863.071	853.489	836.748	828.897	823.817	800.323	782.600	772.902	769.439
20.0	834.554	824.914	814.581	814.292	781.677	735.726	699.128	669.398	667.436
22.5	809.328	803.093	798.764	780.465	719.447	630.722	500.663	406.511	403.683
25.0	789.932	785.833	778.964	730.531	624.025	414.651	292.963	248.282	247.417
27.5	773.884	767.649	751.370	665.993	457.599	258.500	187.265	162.616	161.923
30.0	757.951	748.311	716.734	566.934	292.443	173.815	140.103	133.349	133.926
32.5	743.462	727.760	676.845	440.454	200.831	136.004	126.190	123.766	124.632
35.0	731.512	706.228	627.720	312.879	150.320	123.246	118.975	117.531	118.166
37.5	717.947	682.906	565.202	220.054	127.865	116.146	113.433	112.682	112.682
40.0	698.262	650.810	496.276	169.716	116.723	110.373	108.930	108.180	107.603
42.5	672.862	608.093	428.101	140.795	109.277	105.582	104.716	103.793	102.523
45.0	642.671	561.680	361.484	123.708	103.908	101.945	100.791	99.405	98.020
47.5	609.767	517.520	301.449	112.509	99.348	98.135	96.634	95.076	93.575
50.0	614.962	507.879	280.494	107.025	95.191	93.344	91.381	90.169	88.784
52.5	672.227	539.225	270.103	102.292	92.074	87.571	86.475	86.070	84.974
55.0	641.574	479.766	215.609	97.616	88.380	82.953	81.972	82.953	82.145
57.5	547.307	395.889	174.796	92.189	83.242	78.508	77.700	79.605	79.086
60.0	455.752	326.213	146.683	84.743	77.065	73.486	72.620	75.506	75.737
62.5	392.253	280.378	128.153	75.449	68.926	66.212	61.594	64.019	65.173
65.0	350.516	246.147	110.951	64.943	58.419	47.451	38.157	33.366	34.463
67.5	326.040	225.827	97.674	52.993	39.716	23.148	13.623	8.486	9.756
70.0	280.263	205.565	87.514	34.809	17.318	5.542	1.674	1.385	1.328
72.5	176.932	128.500	57.496	17.260	3.348	1.155	1.039	1.039	1.039
75.0	71.466	50.453	27.305	2.886	0.981	0.693	0.520	0.462	0.520
77.5	24.072	18.473	6.177	0.866	0.520	0.289	0.173	0.173	0.173
80.0	6.523	3.521	1.039	0.462	0.231	0.115	0.115	0.115	0.115
82.5	1.674	1.039	0.520	0.231	0.173	0.115	0.115	0.115	0.115
85.0	0.635	0.520	0.346	0.173	0.115	0.115	0.058	0.115	0.115
87.5	0.404	0.346	0.289	0.173	0.115	0.115	0.058	0.115	0.115
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-L30-740-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

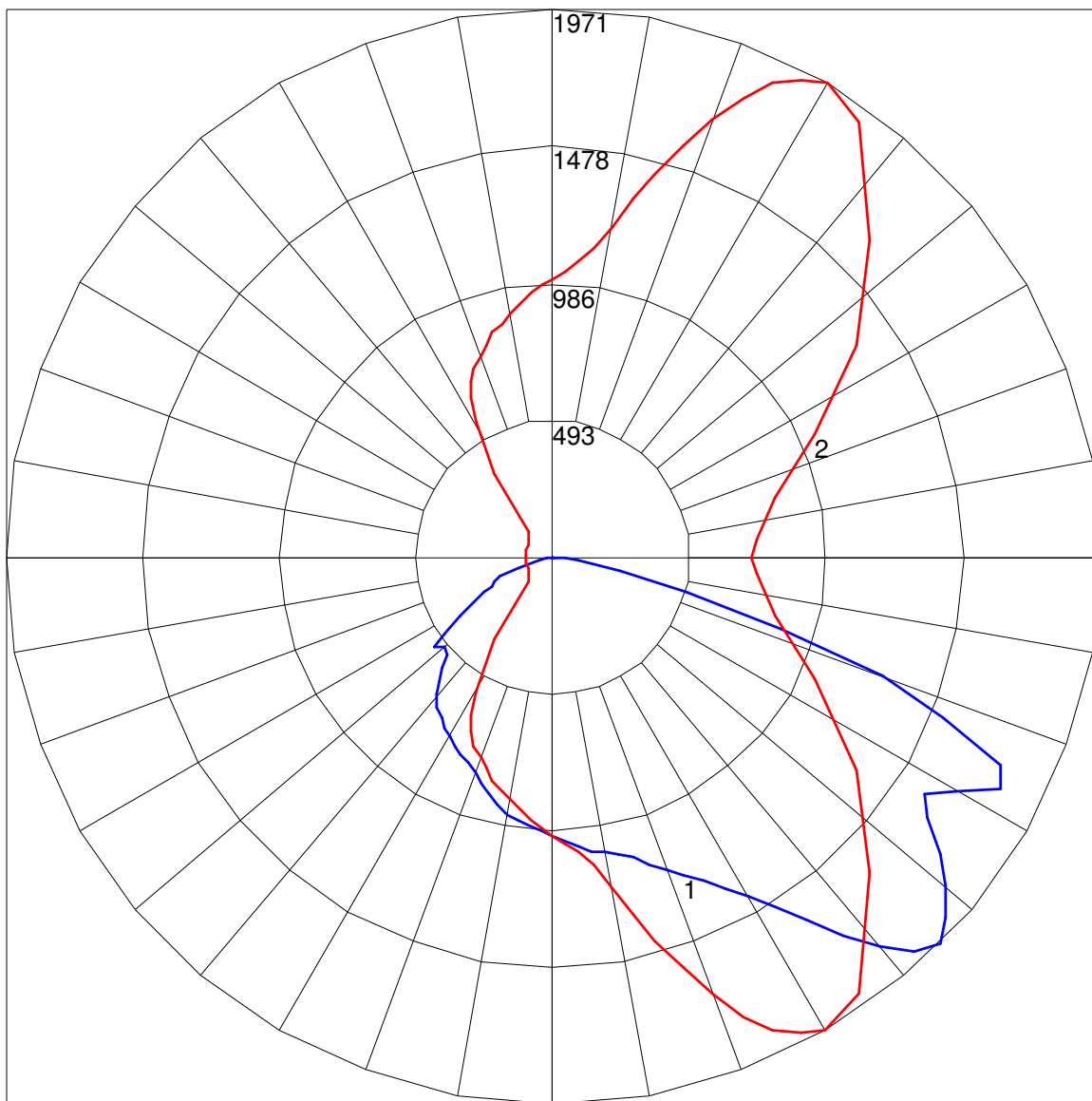
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

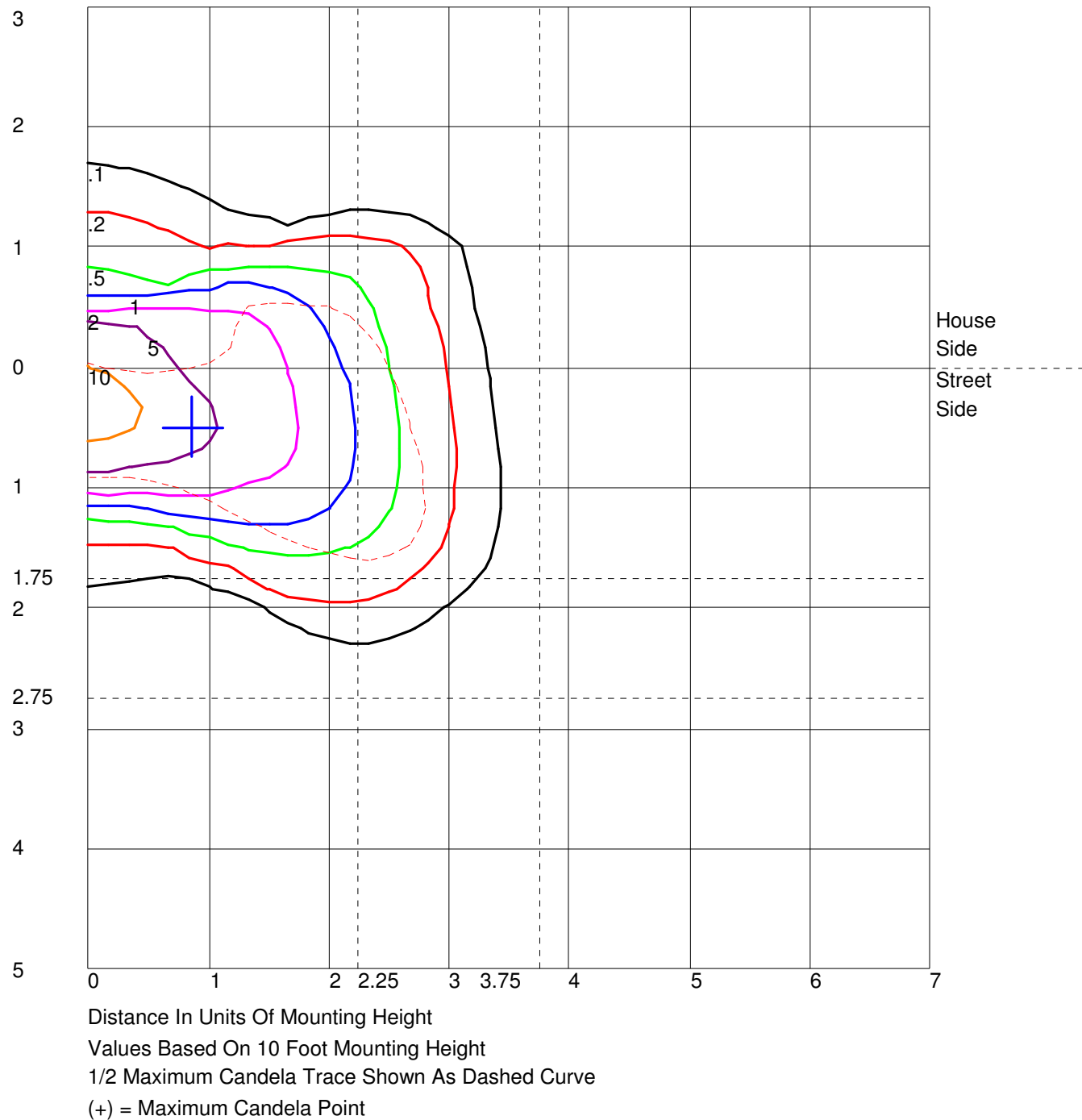
	Lumens	Percent Of Luminaire
Downward Street Side	2498.9	71.6
Downward House Side	990.3	28.4
Downward Total	3489.2	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	3489.2	100.0

POLAR GRAPH

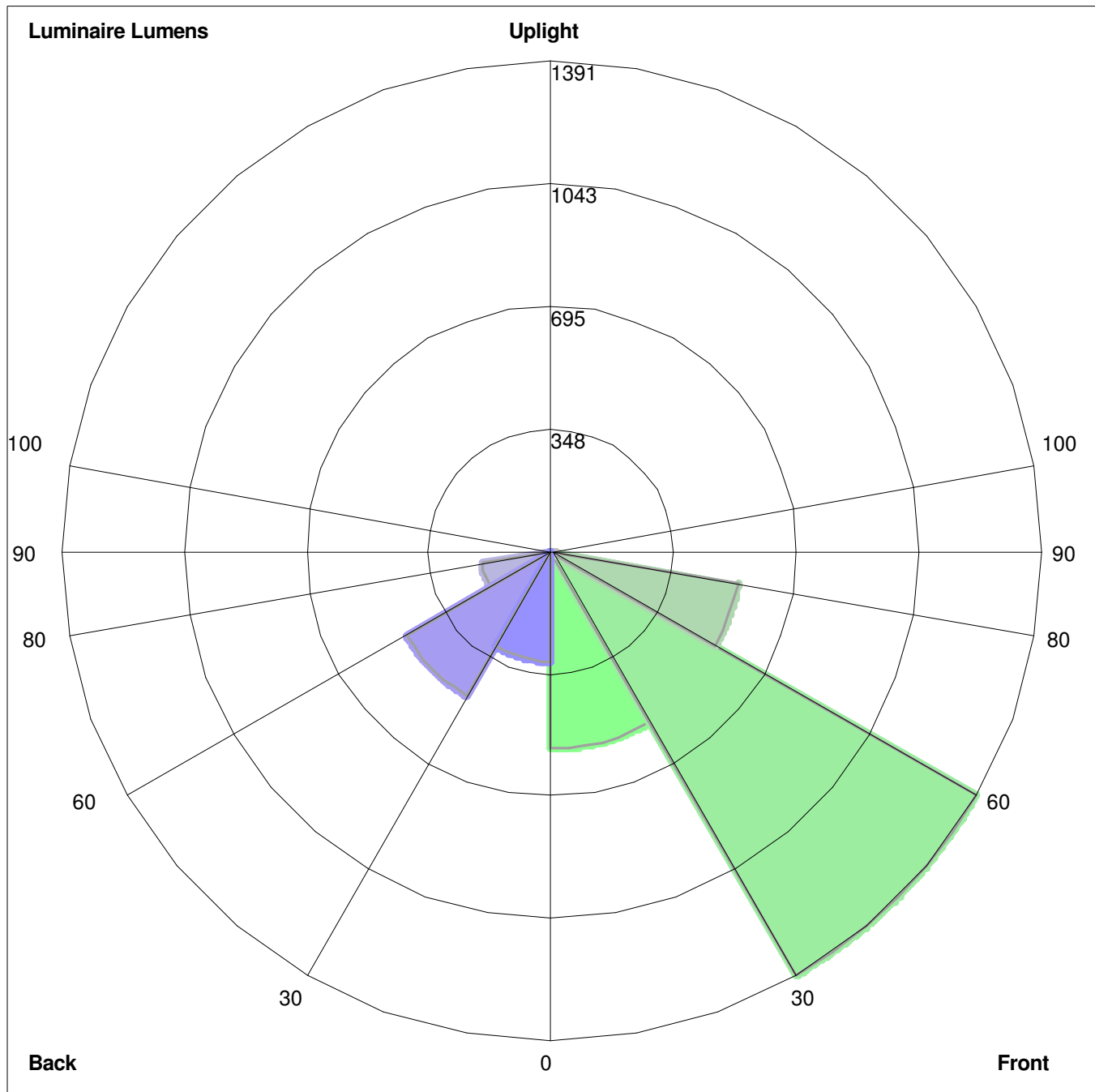


Maximum Candela = 1971.25 Located At Horizontal Angle = 60, Vertical Angle = 45
1 - Vertical Plane Through Horizontal Angles (60 - 240) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (45) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:
Front: Low=561.1, Medium=1390.9, High=537.7, Very High=9.3
Back: Low=312.5, Medium=475.5, High=201.1, Very High=1.2
Uplight: Low=0.0, High=0.0

BUG Rating : B1-U0-G1