



IES ROAD REPORT

PHOTOMETRIC FILENAME : VWPX-L30-730-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-L30-730-T2-xxx-SDGL-DIM-UNV
[LUMINAIRE] CAST ALUMINUM LED WALL PACK
[LAMP] 8 White LEDs
[BALLAST] UNIVERSAL VOLTAGE DIMMING DRIVER
[_SEARCH_SOURCE TYPE] 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	3248
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	120
Total Luminaire Watts	27
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	1823.246
Maximum Candela Angle	60H 45V
Maximum Candela (<90 Degrees Vertical)	1823.246
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	161.398 (5.0% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

IES ROAD REPORT**PHOTOMETRIC FILENAME : VWPX-L30-730-T2-XXX-SDGL-DIM-UNV_.IES****LUMINAIRE CLASSIFICATION SYSTEM (LCS)**

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	548.5	N.A.	16.9
FM - Front-Medium (30-60)	1312.9	N.A.	40.4
FH - Front-High (60-80)	416.8	N.A.	12.8
FVH - Front-Very High (80-90)	16.5	N.A.	0.5
BL - Back-Low (0-30)	304.6	N.A.	9.4
BM - Back-Medium (30-60)	466.8	N.A.	14.4
BH - Back-High (60-80)	177.0	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	3247.9	N.A.	100.0
BUG Rating	B1-U0-G1		

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CANDELA TABULATION

Vert. Angles	Horizontal Angles									
	0.0	5.0	15.0	25.0	35.0	45.0	55.0	60.0	62.5	65.0
0.0	974.905	974.905	974.905	974.905	974.905	974.905	974.905	974.905	974.905	974.905
2.5	1042.007	1026.407	1022.240	1013.158	1017.378	1021.065	1000.175	989.971	989.704	989.277
5.0	1097.142	1080.206	1073.047	1057.554	1052.318	1052.479	1026.781	1017.378	1016.310	1015.455
7.5	1175.090	1159.490	1149.446	1126.152	1109.270	1096.020	1054.990	1036.024	1031.803	1027.689
10.0	1274.728	1257.846	1242.192	1210.297	1184.172	1154.468	1085.976	1059.371	1049.487	1041.366
12.5	1373.939	1359.407	1340.922	1296.793	1261.478	1210.671	1124.496	1087.365	1072.673	1062.416
15.0	1484.689	1471.387	1444.193	1391.088	1333.763	1269.385	1174.662	1119.527	1096.929	1077.695
17.5	1572.200	1561.301	1533.680	1484.209	1415.717	1338.197	1215.319	1162.161	1135.181	1108.308
20.0	1651.430	1646.622	1613.872	1554.623	1487.254	1399.262	1262.226	1197.261	1165.901	1137.478
22.5	1685.462	1683.485	1652.605	1604.736	1545.487	1457.977	1309.454	1243.528	1208.320	1173.968
25.0	1670.289	1674.242	1650.628	1616.062	1586.625	1503.175	1368.863	1289.847	1255.014	1221.570
27.5	1617.558	1626.480	1612.002	1596.776	1589.510	1561.301	1426.509	1360.208	1316.667	1274.354
30.0	1549.494	1567.552	1553.608	1542.976	1570.490	1580.107	1493.505	1419.297	1376.770	1331.466
32.5	1469.463	1488.589	1485.758	1484.155	1543.350	1610.559	1564.400	1503.602	1463.533	1416.946
35.0	1377.572	1393.653	1397.232	1411.390	1506.380	1631.823	1655.704	1595.494	1546.876	1503.388
37.5	1232.362	1237.758	1270.721	1320.567	1468.341	1637.860	1729.538	1703.199	1654.582	1602.546
40.0	1016.043	1023.362	1085.495	1200.360	1398.675	1615.742	1786.222	1778.689	1739.795	1687.438
42.5	768.683	780.277	866.879	1032.337	1284.291	1554.142	1793.755	1815.606	1800.433	1759.349
45.0	549.266	555.623	653.926	838.884	1146.187	1478.118	1765.172	1823.246	1818.651	1790.710
47.5	370.825	372.000	459.511	649.865	992.108	1380.136	1708.274	1788.840	1799.204	1782.642
50.0	241.269	243.619	309.439	475.699	826.169	1278.307	1634.547	1726.492	1748.397	1742.841
52.5	164.229	166.847	208.412	335.618	669.900	1172.792	1571.185	1681.401	1714.311	1714.685
55.0	126.832	127.152	149.324	233.896	528.537	1064.873	1525.239	1667.778	1712.228	1727.507
57.5	107.064	106.049	117.162	169.786	410.520	950.917	1475.447	1650.148	1712.869	1736.857
60.0	93.601	92.853	98.890	131.907	318.842	830.016	1387.829	1586.625	1660.726	1690.965
62.5	82.756	81.794	85.801	108.400	250.565	707.137	1244.436	1443.552	1519.256	1551.524
65.0	71.643	70.842	73.994	91.838	198.582	577.688	1051.998	1232.736	1299.143	1329.168
67.5	60.584	59.569	62.668	78.108	159.154	456.145	839.365	988.529	1045.854	1067.545
70.0	49.151	48.350	51.449	65.393	127.152	351.325	637.952	751.320	792.191	807.684
72.5	38.039	37.398	40.390	52.624	99.638	259.700	463.571	541.786	565.988	576.887
75.0	27.941	27.781	30.452	40.603	75.650	185.439	324.345	372.802	388.562	395.561
77.5	19.554	19.714	21.958	29.972	55.081	127.045	215.785	245.596	255.854	260.448
80.0	13.036	13.249	14.959	20.836	37.825	81.313	134.151	152.155	158.139	161.398
82.5	8.067	8.174	9.403	13.249	23.828	47.495	76.238	85.908	90.022	91.624
85.0	4.434	4.541	5.236	7.373	13.036	24.202	37.985	42.206	44.824	45.625
87.5	1.923	1.977	2.297	3.099	5.129	9.243	14.265	15.707	16.776	17.417
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	974.905	974.905	974.905	974.905	974.905	974.905	974.905	974.905	974.905	974.905
2.5	978.271	973.142	975.172	971.539	965.823	958.984	957.061	956.206	957.595	956.687
5.0	1002.312	996.329	994.031	987.994	980.622	970.257	964.915	965.342	961.869	960.160
7.5	1013.852	1005.411	1001.725	993.230	981.049	968.975	960.373	955.405	951.932	947.925
10.0	1020.958	1007.922	1004.342	996.329	984.522	970.738	961.228	956.046	949.849	944.346
12.5	1039.443	1023.202	1011.662	999.748	987.033	970.417	957.969	949.795	941.461	934.088
15.0	1050.609	1030.307	1016.149	998.946	982.491	966.891	953.535	943.705	932.592	922.922
17.5	1069.788	1044.732	1026.247	1005.304	983.774	962.510	947.177	936.065	923.350	912.344
20.0	1094.791	1060.386	1036.451	1011.875	986.178	960.854	944.239	931.737	916.244	903.155
22.5	1128.663	1088.274	1055.417	1024.804	995.153	964.861	944.506	929.066	911.863	897.385
25.0	1171.190	1126.954	1085.122	1043.931	1007.869	971.005	947.177	931.363	911.382	896.263
27.5	1217.616	1169.213	1123.214	1072.406	1029.773	987.727	956.634	938.950	918.648	899.896
30.0	1277.720	1223.173	1174.929	1115.574	1061.294	1008.777	969.135	945.735	921.266	900.751
32.5	1347.119	1284.398	1225.203	1165.206	1102.218	1040.832	996.008	967.426	938.790	916.244
35.0	1434.950	1363.254	1295.671	1226.752	1153.506	1081.969	1026.834	991.307	960.053	933.447
37.5	1527.537	1445.903	1363.200	1284.879	1206.985	1120.703	1056.913	1013.799	975.439	947.605
40.0	1613.391	1533.306	1439.385	1345.249	1258.380	1159.329	1085.656	1037.947	990.986	959.679
42.5	1686.317	1603.400	1501.732	1394.134	1301.387	1194.643	1112.101	1057.981	1010.540	973.730
45.0	1726.386	1648.064	1551.311	1439.385	1338.197	1230.599	1140.470	1083.626	1034.635	996.329
47.5	1732.102	1661.314	1565.148	1458.190	1360.529	1262.868	1179.738	1126.045	1080.794	1044.305
50.0	1701.009	1643.202	1560.874	1471.921	1384.731	1302.028	1236.636	1193.521	1155.162	1121.878
52.5	1687.866	1646.515	1578.237	1506.327	1434.950	1369.932	1317.094	1286.428	1251.381	1216.868
55.0	1712.174	1679.158	1624.664	1567.071	1509.425	1450.711	1403.002	1374.152	1339.960	1297.594
57.5	1725.103	1699.780	1656.452	1608.262	1558.203	1499.275	1451.031	1416.679	1377.251	1328.314
60.0	1682.523	1663.931	1622.313	1575.726	1523.583	1467.112	1415.130	1374.473	1333.816	1280.498
62.5	1543.671	1526.895	1491.368	1442.430	1389.913	1334.511	1282.421	1236.155	1197.742	1146.935
65.0	1321.315	1305.501	1276.010	1227.714	1179.738	1126.419	1080.206	1032.818	1000.122	955.138
67.5	1057.287	1046.335	1018.660	974.745	931.898	890.547	851.172	811.317	782.200	748.756
70.0	799.937	789.092	766.760	731.766	696.399	663.596	630.953	601.836	579.024	553.166
72.5	572.612	563.263	547.289	521.698	496.161	471.372	448.612	426.387	409.986	392.035
75.0	391.501	384.929	374.191	356.667	338.823	322.048	308.478	292.236	280.429	270.012
77.5	256.976	254.037	246.985	235.178	223.638	213.167	204.619	192.919	185.386	178.975

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CANDELA TABULATION - (Cont.)

80.0	158.994	157.338	153.918	145.531	139.120	133.136	127.419	120.474	116.734	112.514
82.5	90.556	89.487	88.579	83.504	80.031	76.452	73.300	69.560	67.797	65.393
85.0	45.251	44.824	44.877	42.580	40.443	38.199	36.757	34.726	34.406	33.818
87.5	17.256	17.417	17.737	17.043	15.814	15.066	14.425	13.410	13.410	13.837
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	974.905	974.905	974.905	974.905	974.905	974.905	974.905	974.905	974.905	974.905
2.5	954.603	951.291	948.460	946.590	950.329	953.054	953.695	949.528	951.345	959.946
5.0	956.740	952.894	948.834	947.658	951.024	952.573	951.879	947.925	947.712	952.627
7.5	943.491	938.736	934.355	930.989	932.165	932.325	928.746	923.830	922.495	927.677
10.0	939.538	934.302	928.532	923.724	923.670	921.800	917.473	911.062	906.574	908.444
12.5	926.769	919.930	913.840	906.788	906.895	903.529	896.744	889.745	888.356	890.760
15.0	914.107	906.948	897.599	890.440	887.127	882.052	877.244	871.100	864.208	861.483
17.5	903.529	895.515	884.723	875.160	870.726	868.268	863.086	852.721	846.150	845.990
20.0	894.821	884.296	873.824	861.376	856.675	851.386	839.899	827.451	820.720	820.559
22.5	888.944	875.320	860.148	847.593	846.257	838.243	824.620	816.125	809.714	799.884
25.0	883.868	865.383	849.569	839.098	834.343	822.109	808.165	797.159	783.108	777.018

IES ROAD REPORT

PHOTOMETRIC FILENAME : VWPX-L30-730-T2-XXX-SDGL-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

27.5	887.662	869.070	849.249	836.587	826.436	812.546	799.617	782.788	768.790	761.845
30.0	888.623	868.108	848.821	836.106	821.948	810.515	791.122	771.408	757.517	747.954
32.5	900.964	876.122	857.530	841.235	822.857	811.157	788.718	768.470	749.504	733.690
35.0	916.351	889.478	868.963	846.097	826.864	810.515	785.619	765.050	742.505	727.492
37.5	927.731	897.599	875.855	849.997	833.007	812.172	786.795	763.982	740.635	718.624
40.0	936.172	905.506	881.731	854.858	836.480	812.813	785.032	755.060	731.232	703.237
42.5	948.727	913.573	886.646	858.011	835.251	811.744	779.368	751.213	720.333	685.714
45.0	971.432	934.302	905.880	879.434	851.012	825.955	789.145	757.357	720.280	677.006
47.5	1022.240	986.285	953.856	925.006	895.675	865.864	823.872	786.260	743.841	688.652
50.0	1101.416	1066.690	1034.528	1001.511	973.195	938.202	887.768	839.258	783.108	710.610
52.5	1194.964	1159.169	1122.893	1084.427	1053.868	1014.012	952.680	893.058	817.781	720.814
55.0	1270.721	1228.141	1184.546	1142.661	1105.156	1060.492	987.567	914.855	820.666	701.367
57.5	1291.931	1240.803	1195.712	1152.277	1110.605	1064.553	984.041	895.836	789.893	656.651
60.0	1236.155	1184.119	1139.241	1101.042	1058.997	1018.286	937.935	845.295	732.782	594.303
62.5	1102.164	1053.440	1014.547	981.423	948.032	911.863	841.182	755.327	650.186	520.416
65.0	917.633	874.252	842.090	818.636	791.710	766.012	709.755	635.548	544.404	435.363
67.5	715.258	683.897	658.841	640.943	620.802	605.736	563.797	502.572	433.440	347.051
70.0	530.033	507.594	488.574	476.661	463.892	454.863	423.075	376.274	326.215	260.181
72.5	375.954	359.926	346.623	338.716	330.168	322.529	301.693	268.783	232.293	186.454
75.0	258.151	247.252	239.185	233.682	227.432	220.860	206.382	183.836	158.299	128.060
77.5	170.534	163.428	159.047	155.254	150.232	145.424	136.288	120.314	100.012	77.306
80.0	106.851	102.951	100.172	97.715	93.922	90.502	79.711	65.446	51.609	35.154
82.5	62.454	60.424	58.554	56.791	54.280	49.205	39.695	25.858	18.913	10.845
85.0	32.376	31.468	30.346	29.170	26.178	21.050	13.837	9.777	5.770	3.419
87.5	13.303	13.196	12.555	11.326	8.975	6.090	4.114	2.404	1.496	0.908
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-L30-730-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

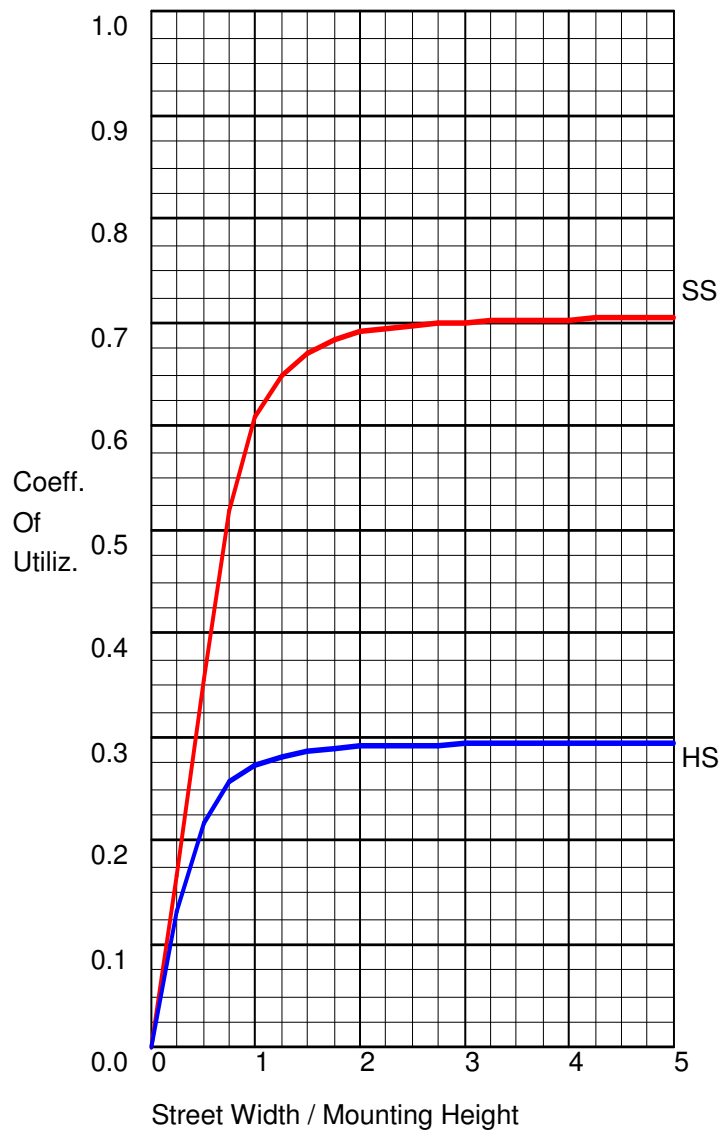
Horizontal Angles

	<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	974.905	974.905	974.905	974.905	974.905	974.905	974.905	974.905	974.905
2.5	957.702	955.565	958.878	965.663	953.214	946.429	951.291	956.901	970.043
5.0	948.460	944.560	943.918	942.690	923.083	910.528	912.291	920.999	934.088
7.5	922.121	918.167	919.076	922.815	900.751	877.724	875.961	885.899	902.354
10.0	902.033	896.370	889.585	881.998	870.993	852.668	839.953	847.165	862.605
12.5	881.357	874.359	867.146	859.293	824.406	823.231	817.461	822.429	839.525
15.0	850.584	844.013	839.525	827.238	805.280	793.366	794.702	790.481	810.676
17.5	838.991	831.138	812.973	802.341	787.436	756.876	753.831	733.476	751.320
20.0	809.607	797.907	792.832	781.078	751.587	701.955	674.334	631.861	644.683
22.5	786.581	776.751	762.112	753.938	686.729	612.147	524.369	461.488	463.518
25.0	767.455	760.563	747.527	700.299	602.370	466.510	352.981	295.015	292.290
27.5	747.687	734.117	717.235	642.279	479.599	311.042	230.797	194.148	192.331
30.0	732.140	719.746	682.936	556.531	341.815	210.603	162.253	147.668	148.683
32.5	717.662	698.162	647.355	449.200	240.200	157.231	132.976	125.870	125.763
35.0	705.321	675.670	599.699	346.196	179.349	130.251	119.833	116.253	117.162
37.5	686.676	651.041	549.853	264.509	143.287	117.322	112.247	110.751	111.285
40.0	668.938	618.879	487.559	205.046	122.665	109.255	106.103	105.515	104.981
42.5	642.600	580.252	424.838	165.618	111.338	103.966	102.256	100.760	100.226
45.0	621.710	548.037	376.061	140.081	104.714	99.959	98.516	97.555	96.112
47.5	620.375	528.537	339.251	124.641	99.585	95.952	94.723	93.387	92.426
50.0	623.687	514.913	308.638	114.758	95.311	91.518	90.075	89.701	88.312
52.5	613.910	491.459	276.369	107.599	91.464	87.297	86.122	86.602	85.748
55.0	581.535	449.360	242.711	100.814	87.404	82.970	82.702	84.198	83.611
57.5	529.445	401.491	209.374	93.441	82.168	78.535	78.856	81.848	81.741
60.0	470.410	353.889	180.524	85.748	76.612	73.300	74.956	79.711	80.298
62.5	409.078	305.112	155.414	77.680	69.293	65.980	66.515	71.323	71.804
65.0	342.029	254.465	132.067	67.690	58.020	51.342	48.243	49.472	49.044
67.5	271.828	202.909	109.041	54.280	41.191	30.452	24.896	21.744	20.676
70.0	205.901	155.254	86.015	37.344	22.599	12.128	5.449	3.259	2.992
72.5	148.469	112.834	60.584	20.836	8.121	3.312	2.297	2.084	1.977
75.0	99.852	72.498	35.207	7.693	2.832	1.923	1.549	1.389	1.336
77.5	57.379	37.344	13.730	2.511	1.603	0.962	0.588	0.374	0.321
80.0	22.706	15.013	3.312	1.282	0.641	0.214	0.160	0.160	0.160
82.5	6.411	3.526	1.389	0.641	0.267	0.107	0.107	0.107	0.160
85.0	2.137	1.229	0.748	0.374	0.160	0.107	0.107	0.107	0.107
87.5	0.695	0.588	0.427	0.214	0.107	0.107	0.107	0.107	0.107
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-L30-730-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

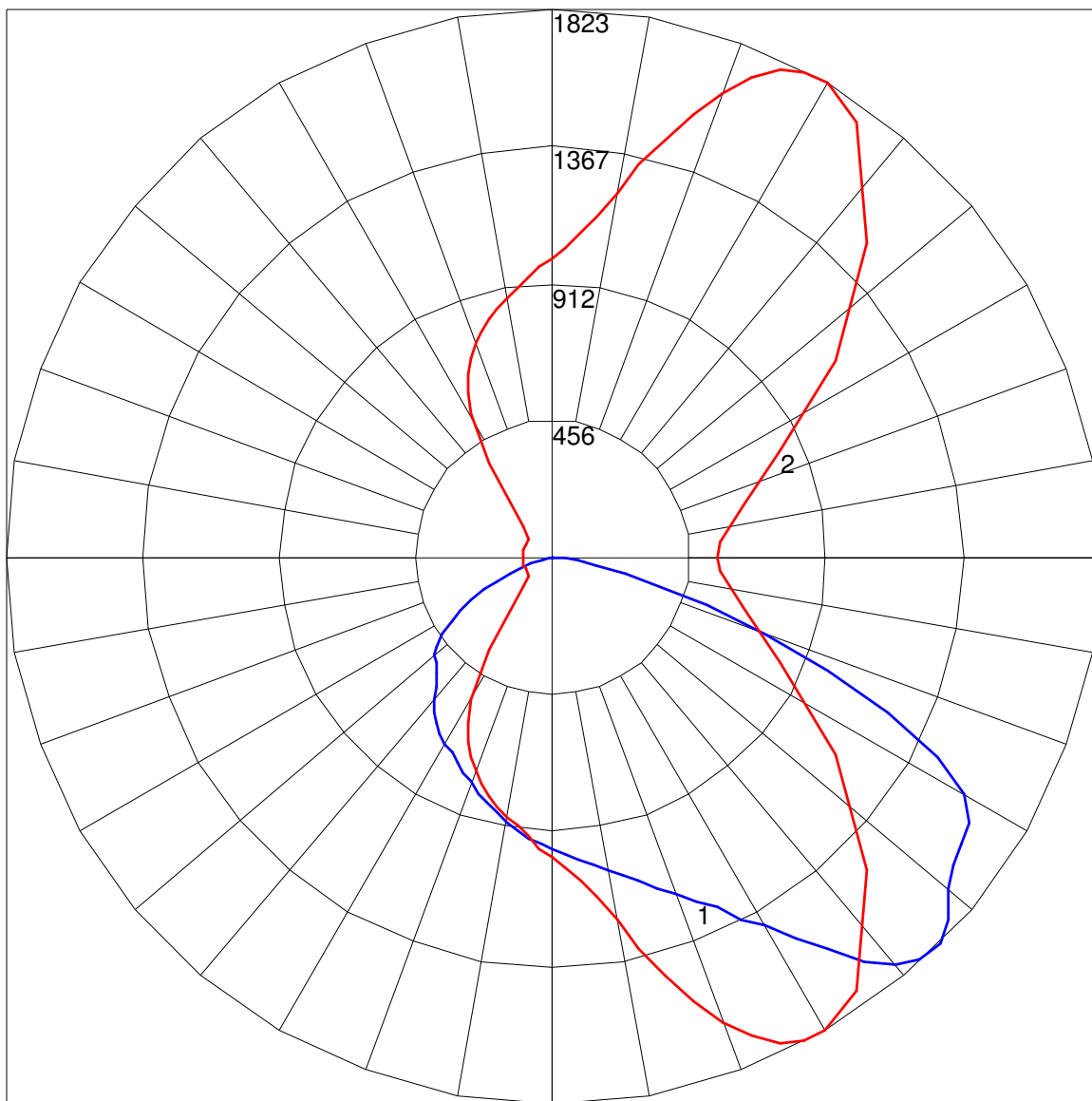
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

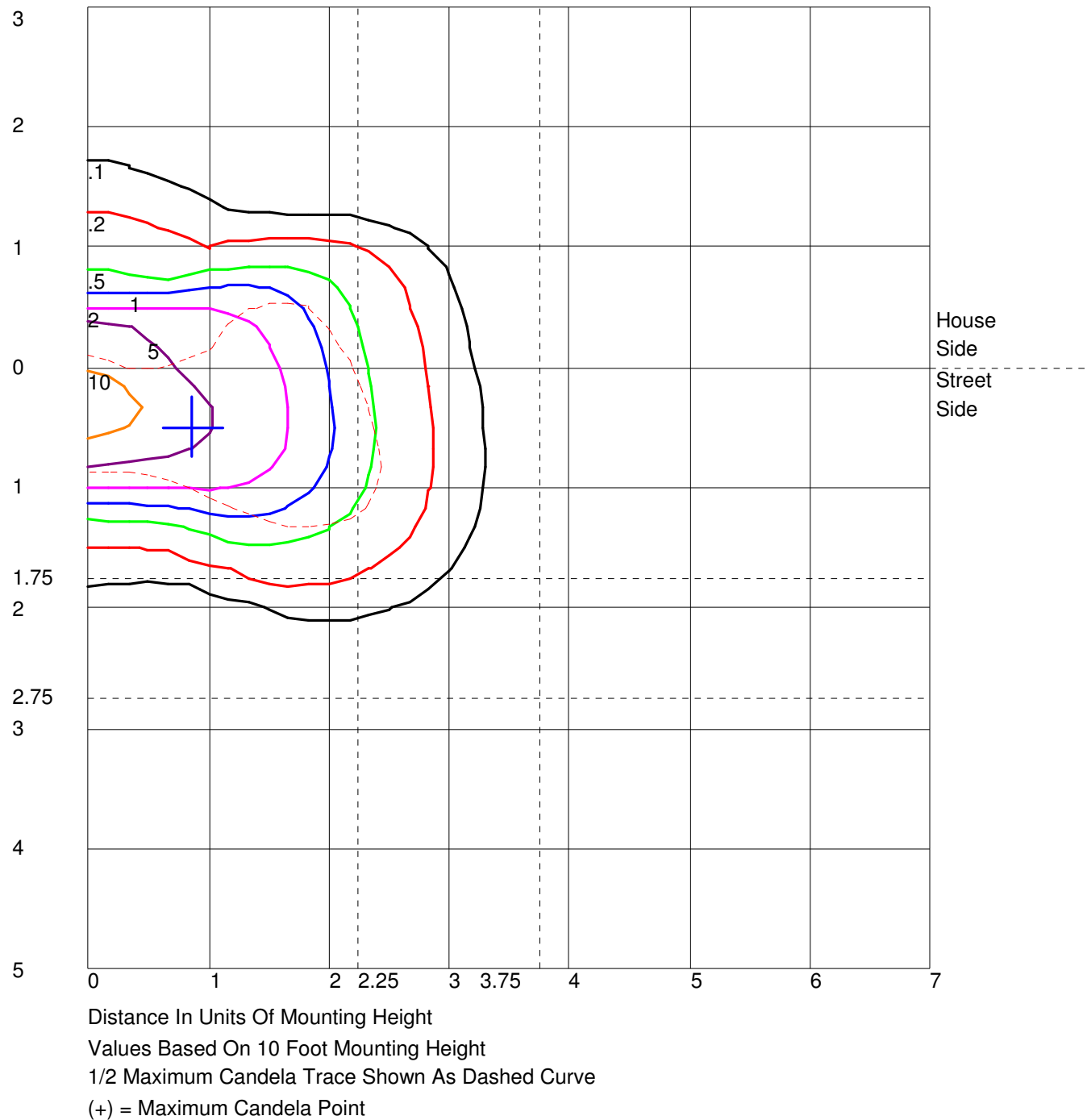
	Lumens	Percent Of Luminaire
Downward Street Side	2294.7	70.7
Downward House Side	953.3	29.3
Downward Total	3248.0	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	3248.0	100.0

POLAR GRAPH

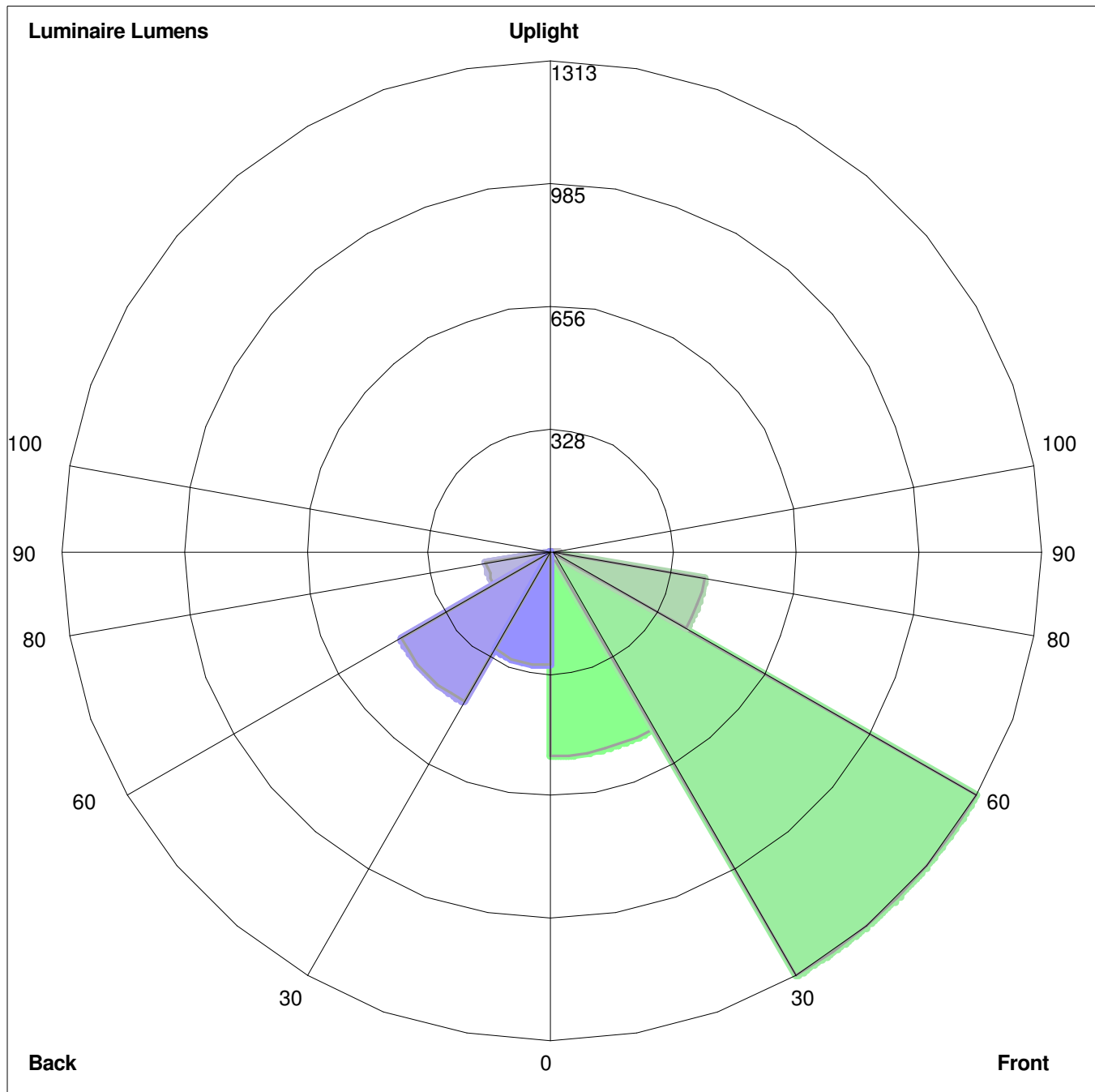


Maximum Candela = 1823.246 Located At Horizontal Angle = 60, Vertical Angle = 45
1 - Vertical Plane Through Horizontal Angles (60 - 240) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (45) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:
Front: Low=548.5, Medium=1312.9, High=416.8, Very High=16.5
Back: Low=304.6, Medium=466.8, High=177.0, Very High=4.8
Uplight: Low=0.0, High=0.0

BUG Rating : B1-U0-G1