



IES ROAD REPORT

PHOTOMETRIC FILENAME : VWPX-L30-840-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.
[ISSUEDATE] 2024-01-31
[TESTDATE] 4/25/2023
[MANUFAC] H.E. WILLIAMS, INC.
[LUMCAT] VWPX-L30-840-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	3111
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	115
Total Luminaire Watts	27
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	1746.478
Maximum Candela Angle	60H 45V
Maximum Candela (<90 Degrees Vertical)	1746.478
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	154.602 (5.0% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

IES ROAD REPORT**PHOTOMETRIC FILENAME : VWPX-L30-840-T2-XXX-SDGL-DIM-UNV_.IES****LUMINAIRE CLASSIFICATION SYSTEM (LCS)**

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	525.4	N.A.	16.9
FM - Front-Medium (30-60)	1257.7	N.A.	40.4
FH - Front-High (60-80)	399.3	N.A.	12.8
FVH - Front-Very High (80-90)	15.8	N.A.	0.5
BL - Back-Low (0-30)	291.8	N.A.	9.4
BM - Back-Medium (30-60)	447.1	N.A.	14.4
BH - Back-High (60-80)	169.6	N.A.	5.5
BVH - Back-Very High (80-90)	4.6	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	3111.3	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	933.857	933.857	933.857	933.857	933.857	933.857	933.857	933.857	933.857	933.857
2.5	998.133	983.190	979.198	970.498	974.541	978.073	958.063	948.288	948.032	947.623
5.0	1050.947	1034.724	1027.867	1013.026	1008.010	1008.164	983.548	974.541	973.518	972.699
7.5	1125.612	1110.669	1101.048	1078.735	1062.564	1049.872	1010.569	992.402	988.359	984.418
10.0	1221.055	1204.884	1189.889	1159.337	1134.312	1105.859	1040.251	1014.766	1005.298	997.519
12.5	1316.089	1302.169	1284.462	1242.191	1208.364	1159.696	1077.149	1041.582	1027.508	1017.683
15.0	1422.176	1409.434	1383.385	1332.516	1277.605	1215.938	1125.203	1072.390	1050.742	1032.319
17.5	1506.002	1495.563	1469.105	1421.716	1356.108	1281.852	1164.148	1113.228	1087.384	1061.643
20.0	1581.896	1577.290	1545.920	1489.166	1424.633	1340.346	1209.080	1146.850	1116.810	1089.585
22.5	1614.495	1612.602	1583.022	1537.168	1480.414	1396.588	1254.320	1191.169	1157.444	1124.538
25.0	1599.961	1603.748	1581.129	1548.018	1519.820	1439.883	1311.227	1235.538	1202.171	1170.135
27.5	1549.451	1557.997	1544.128	1529.543	1522.583	1495.563	1366.446	1302.937	1261.228	1220.697
30.0	1484.253	1501.550	1488.193	1478.009	1504.365	1513.576	1430.620	1359.537	1318.801	1275.404
32.5	1407.591	1425.912	1423.200	1421.665	1478.367	1542.747	1498.531	1440.293	1401.911	1357.285
35.0	1319.569	1334.973	1338.402	1351.963	1442.954	1563.115	1585.990	1528.315	1481.745	1440.088
37.5	1180.473	1185.642	1217.217	1264.964	1406.517	1568.898	1656.715	1631.486	1584.916	1535.070
40.0	973.262	980.273	1039.791	1149.819	1339.783	1547.711	1711.013	1703.797	1666.541	1616.389
42.5	736.318	747.423	830.379	988.871	1230.216	1488.705	1718.229	1739.160	1724.626	1685.271
45.0	526.139	532.229	626.392	803.563	1097.926	1415.882	1690.850	1746.478	1742.077	1715.312
47.5	355.211	356.337	440.163	622.503	950.335	1322.025	1636.347	1713.520	1723.449	1707.584
50.0	231.110	233.362	296.410	455.670	791.383	1224.484	1565.725	1653.798	1674.780	1669.458
52.5	157.315	159.822	199.637	321.487	641.694	1123.412	1505.030	1610.606	1642.130	1642.488
55.0	121.491	121.798	143.036	224.048	506.283	1020.037	1461.019	1597.556	1640.134	1654.771
57.5	102.556	101.584	112.229	162.637	393.235	910.879	1413.323	1580.668	1640.748	1663.726
60.0	89.660	88.944	94.726	126.353	305.417	795.068	1329.395	1519.820	1590.801	1619.766
62.5	79.271	78.350	82.188	103.836	240.015	677.363	1192.039	1382.771	1455.287	1486.197
65.0	68.627	67.859	70.879	87.971	190.221	553.364	1007.703	1180.831	1244.443	1273.204
67.5	58.033	57.061	60.029	74.819	152.453	436.939	804.024	946.906	1001.818	1022.595
70.0	47.082	46.314	49.282	62.639	121.798	336.532	611.091	719.686	758.835	773.676
72.5	36.437	35.823	38.689	50.408	95.443	248.766	444.053	518.974	542.157	552.597
75.0	26.765	26.611	29.170	38.894	72.465	177.631	310.688	357.105	372.202	378.906
77.5	18.730	18.884	21.033	28.710	52.762	121.696	206.699	235.255	245.081	249.482
80.0	12.487	12.692	14.329	19.959	36.232	77.890	128.503	145.749	151.480	154.602
82.5	7.728	7.830	9.007	12.692	22.824	45.495	73.028	82.291	86.231	87.767
85.0	4.248	4.350	5.015	7.062	12.487	23.183	36.386	40.429	42.937	43.704
87.5	1.842	1.894	2.201	2.968	4.913	8.853	13.664	15.046	16.069	16.683
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	933.857	933.857	933.857	933.857	933.857	933.857	933.857	933.857	933.857	933.857
2.5	937.081	932.168	934.112	930.633	925.157	918.606	916.764	915.945	917.276	916.406
5.0	960.110	954.378	952.178	946.395	939.332	929.404	924.287	924.696	921.370	919.732
7.5	971.164	963.078	959.547	951.410	939.742	928.176	919.937	915.177	911.851	908.013
10.0	977.970	965.483	962.054	954.378	943.068	929.865	920.756	915.792	909.855	904.584
12.5	995.677	980.120	969.066	957.653	945.474	929.558	917.634	909.804	901.821	894.758
15.0	1006.373	986.926	973.364	956.886	941.124	926.180	913.386	903.970	893.325	884.063
17.5	1024.745	1000.743	983.037	962.976	942.352	921.984	907.296	896.652	884.472	873.930
20.0	1048.695	1015.738	992.811	969.270	944.655	920.397	904.482	892.507	877.666	865.127
22.5	1081.141	1042.452	1010.979	981.655	953.252	924.236	904.738	889.948	873.469	859.600
25.0	1121.877	1079.503	1039.432	999.976	965.432	930.121	907.296	892.148	873.009	858.526
27.5	1166.348	1119.983	1075.921	1027.252	986.414	946.139	916.354	899.415	879.968	862.006
30.0	1223.921	1171.671	1125.459	1068.603	1016.608	966.302	928.330	905.915	882.476	862.825
32.5	1290.399	1230.318	1173.615	1116.145	1055.809	997.008	954.071	926.692	899.262	877.666
35.0	1374.532	1305.854	1241.116	1175.099	1104.937	1036.413	983.600	949.568	919.630	894.144
37.5	1463.219	1385.023	1305.803	1230.779	1156.164	1073.515	1012.411	971.113	934.368	907.706
40.0	1545.459	1468.746	1378.779	1288.607	1205.396	1110.516	1039.944	994.244	949.261	919.271
42.5	1615.314	1535.889	1438.501	1335.433	1246.592	1144.343	1065.276	1013.435	967.991	932.731
45.0	1653.696	1578.672	1485.993	1378.779	1281.852	1178.784	1092.451	1037.999	991.071	954.378
47.5	1659.172	1591.364	1499.247	1396.793	1303.244	1209.694	1130.065	1078.633	1035.287	1000.334
50.0	1629.387	1574.015	1495.153	1409.945	1326.426	1247.206	1184.567	1143.268	1106.524	1074.641
52.5	1616.798	1577.188	1511.785	1442.903	1374.532	1312.251	1261.638	1232.263	1198.692	1165.632
55.0	1640.083	1608.456	1556.257	1501.090	1445.871	1389.629	1343.929	1316.294	1283.541	1242.959
57.5	1652.468	1628.210	1586.707	1540.546	1492.594	1436.147	1389.936	1357.030	1319.262	1272.385
60.0	1611.681	1593.871	1554.005	1509.380	1459.432	1405.340	1355.545	1316.601	1277.656	1226.582
62.5	1478.675	1462.605	1428.573	1381.696	1331.390	1278.321	1228.425	1184.106	1147.311	1098.643
65.0	1265.681	1250.533	1222.284	1176.021	1130.065	1078.991	1034.724	989.331	958.012	914.922
67.5	1012.770	1002.279	975.770	933.703	892.660	853.050	815.333	777.156	749.265	717.229
70.0	766.256	755.867	734.476	700.955	667.077	635.655	604.387	576.496	554.644	529.875
72.5	548.503	539.547	524.245	499.732	475.270	451.524	429.723	408.434	392.723	375.528
75.0	375.017	368.722	358.436	341.650	324.557	308.488	295.489	279.932	268.622	258.643
77.5	246.156	243.341	236.586	225.276	214.222	204.192	196.003	184.796	177.580	171.439

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CANDELA TABULATION - (Cont.)

80.0	152.299	150.713	147.438	139.403	133.262	127.530	122.054	115.402	111.819	107.776
82.5	86.743	85.720	84.850	79.988	76.661	73.233	70.213	66.631	64.942	62.639
85.0	43.346	42.937	42.988	40.787	38.740	36.591	35.209	33.264	32.957	32.394
87.5	16.530	16.683	16.990	16.325	15.148	14.432	13.817	12.845	12.845	13.255
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	933.857	933.857	933.857	933.857	933.857	933.857	933.857	933.857	933.857	933.857
2.5	914.410	911.237	908.525	906.733	910.316	912.926	913.540	909.548	911.288	919.527
5.0	916.457	912.772	908.883	907.757	910.981	912.465	911.800	908.013	907.808	912.516
7.5	903.765	899.211	895.014	891.790	892.916	893.069	889.641	884.932	883.653	888.617
10.0	899.978	894.963	889.436	884.830	884.779	882.988	878.843	872.701	868.403	870.194
12.5	887.747	881.197	875.363	868.607	868.710	865.486	858.986	852.282	850.952	853.255
15.0	875.618	868.761	859.805	852.948	849.775	844.913	840.307	834.422	827.820	825.210
17.5	865.486	857.809	847.472	838.311	834.064	831.710	826.746	816.817	810.523	810.369
20.0	857.144	847.062	837.032	825.108	820.604	815.538	804.535	792.611	786.163	786.010
22.5	851.515	838.465	823.931	811.905	810.625	802.949	789.899	781.762	775.621	766.205
25.0	846.653	828.946	813.798	803.768	799.213	787.494	774.137	763.595	750.135	744.301

IES ROAD REPORT

PHOTOMETRIC FILENAME : VWPX-L30-840-T2-XXX-SDGL-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

27.5	850.286	832.477	813.491	801.362	791.639	778.333	765.949	749.828	736.420	729.767
30.0	851.208	831.556	813.082	800.902	787.340	776.389	757.812	738.928	725.622	716.462
32.5	863.029	839.232	821.423	805.815	788.210	777.003	755.509	736.113	717.946	702.798
35.0	877.768	852.026	832.375	810.472	792.048	776.389	752.541	732.838	711.242	696.861
37.5	888.668	859.805	838.977	814.207	797.934	777.975	753.666	731.814	709.451	688.366
40.0	896.754	867.379	844.606	818.864	801.260	778.589	751.978	723.268	700.444	673.627
42.5	908.780	875.107	849.314	821.884	800.083	777.566	746.553	719.583	690.004	656.842
45.0	930.530	894.963	867.737	842.405	815.180	791.178	755.918	725.469	689.953	648.500
47.5	979.198	944.757	913.693	886.058	857.963	829.407	789.183	753.155	712.521	659.656
50.0	1055.041	1021.777	990.969	959.342	932.219	898.699	850.389	803.921	750.135	680.690
52.5	1144.650	1110.362	1075.614	1038.767	1009.494	971.317	912.567	855.455	783.348	690.464
55.0	1217.217	1176.430	1134.671	1094.549	1058.623	1015.840	945.985	876.335	786.112	671.836
57.5	1237.534	1188.559	1145.366	1103.760	1063.843	1019.730	942.608	858.116	756.635	629.002
60.0	1184.106	1134.261	1091.273	1054.683	1014.407	975.411	898.443	809.704	701.928	569.280
62.5	1055.757	1009.085	971.829	940.100	908.115	873.469	805.763	723.524	622.810	498.504
65.0	878.996	837.441	806.633	784.167	758.375	733.759	679.871	608.788	521.482	417.032
67.5	685.142	655.102	631.100	613.956	594.663	580.232	540.059	481.411	415.190	332.438
70.0	507.715	486.222	468.003	456.591	444.360	435.711	405.261	360.431	312.480	249.226
72.5	360.124	344.772	332.029	324.455	316.267	308.949	288.990	257.466	222.513	178.604
75.0	247.282	236.842	229.114	223.843	217.856	211.561	197.692	176.096	151.634	122.668
77.5	163.353	156.547	152.350	148.717	143.906	139.301	130.550	115.248	95.801	74.051
80.0	102.352	98.616	95.955	93.601	89.967	86.692	76.354	62.690	49.436	33.674
82.5	59.825	57.880	56.089	54.400	51.995	47.133	38.024	24.769	18.116	10.389
85.0	31.013	30.143	29.068	27.942	25.076	20.163	13.255	9.365	5.527	3.275
87.5	12.743	12.640	12.026	10.849	8.598	5.834	3.941	2.303	1.433	0.870
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-L30-840-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

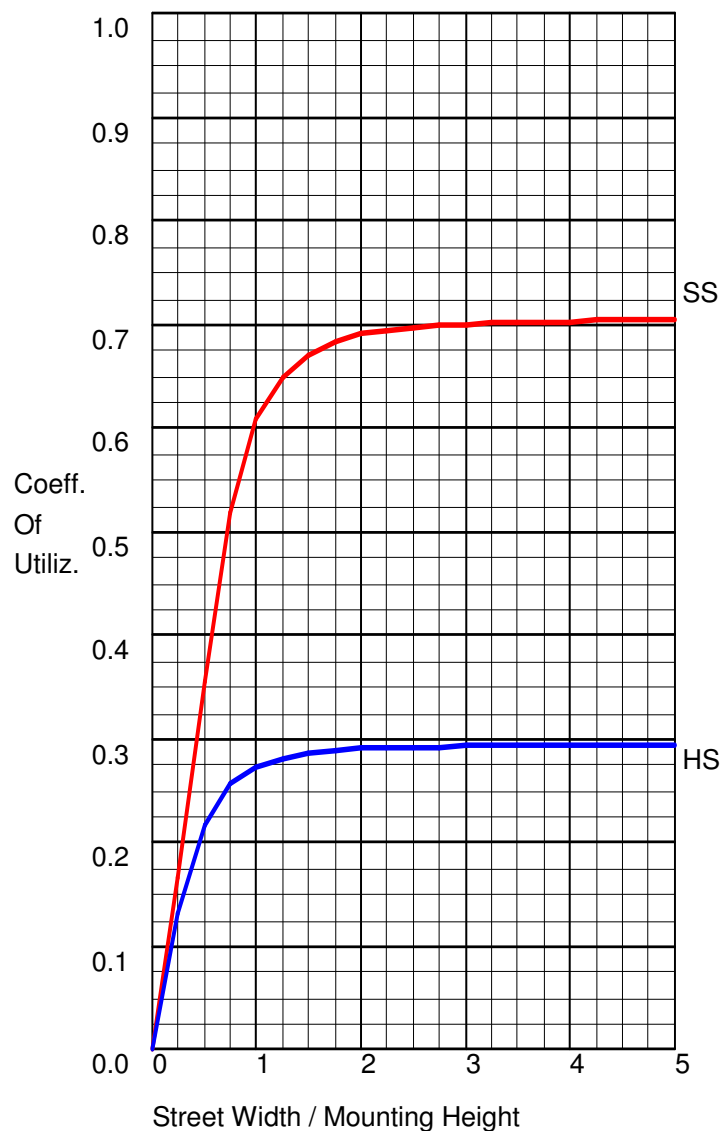
Vert. Horizontal Angles

	117.5	120.0	125.0	135.0	145.0	155.0	165.0	175.0	180.0
0.0	933.857	933.857	933.857	933.857	933.857	933.857	933.857	933.857	933.857
2.5	917.378	915.331	918.504	925.003	913.079	906.580	911.237	916.610	929.200
5.0	908.525	904.789	904.175	902.998	884.216	872.190	873.879	882.220	894.758
7.5	883.295	879.508	880.378	883.960	862.825	840.768	839.079	848.598	864.360
10.0	864.053	858.628	852.129	844.862	834.320	816.766	804.586	811.495	826.285
12.5	844.248	837.544	830.635	823.112	789.694	788.568	783.041	787.801	804.177
15.0	814.770	808.476	804.177	792.407	771.373	759.961	761.241	757.198	776.542
17.5	803.665	796.142	778.743	768.559	754.281	725.008	722.091	702.593	719.686
20.0	775.519	764.311	759.449	748.191	719.942	672.399	645.941	605.257	617.539
22.5	753.462	744.045	730.023	722.193	657.814	586.373	502.291	442.057	444.002
25.0	735.141	728.539	716.052	670.813	577.008	446.867	338.119	282.593	279.983
27.5	716.206	703.207	687.036	615.236	459.405	297.946	221.080	185.973	184.233
30.0	701.314	689.441	654.181	533.099	327.423	201.735	155.421	141.450	142.422
32.5	687.445	668.766	620.098	430.286	230.087	150.610	127.377	120.570	120.468
35.0	675.623	647.221	574.449	331.619	171.797	124.767	114.787	111.359	112.229
37.5	657.763	623.629	526.702	253.372	137.254	112.382	107.520	106.088	106.599
40.0	640.773	592.821	467.031	196.413	117.500	104.655	101.635	101.072	100.561
42.5	615.543	555.821	406.950	158.645	106.650	99.588	97.951	96.518	96.006
45.0	595.533	524.962	360.227	134.183	100.305	95.750	94.368	93.447	92.065
47.5	594.254	506.283	324.967	119.393	95.392	91.912	90.735	89.455	88.534
50.0	597.427	493.233	295.643	109.926	91.298	87.664	86.282	85.924	84.594
52.5	588.061	470.766	264.733	103.068	87.613	83.621	82.495	82.956	82.137
55.0	557.049	430.440	232.492	96.569	83.724	79.476	79.220	80.653	80.090
57.5	507.153	384.586	200.558	89.507	78.708	75.228	75.536	78.401	78.299
60.0	450.603	338.989	172.923	82.137	73.386	70.213	71.800	76.354	76.917
62.5	391.853	292.265	148.870	74.410	66.375	63.202	63.714	68.320	68.780
65.0	327.628	243.750	126.507	64.840	55.577	49.180	46.212	47.389	46.979
67.5	260.383	194.366	104.450	51.995	39.457	29.170	23.848	20.829	19.805
70.0	197.232	148.717	82.393	35.772	21.647	11.617	5.220	3.122	2.866
72.5	142.218	108.083	58.033	19.959	7.779	3.173	2.201	1.996	1.894
75.0	95.648	69.446	33.725	7.369	2.712	1.842	1.484	1.331	1.279
77.5	54.963	35.772	13.152	2.405	1.535	0.921	0.563	0.358	0.307
80.0	21.750	14.380	3.173	1.228	0.614	0.205	0.154	0.154	0.154
82.5	6.141	3.378	1.331	0.614	0.256	0.102	0.102	0.102	0.154
85.0	2.047	1.177	0.716	0.358	0.154	0.102	0.102	0.102	0.102
87.5	0.665	0.563	0.409	0.205	0.102	0.102	0.102	0.102	0.102
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-L30-840-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

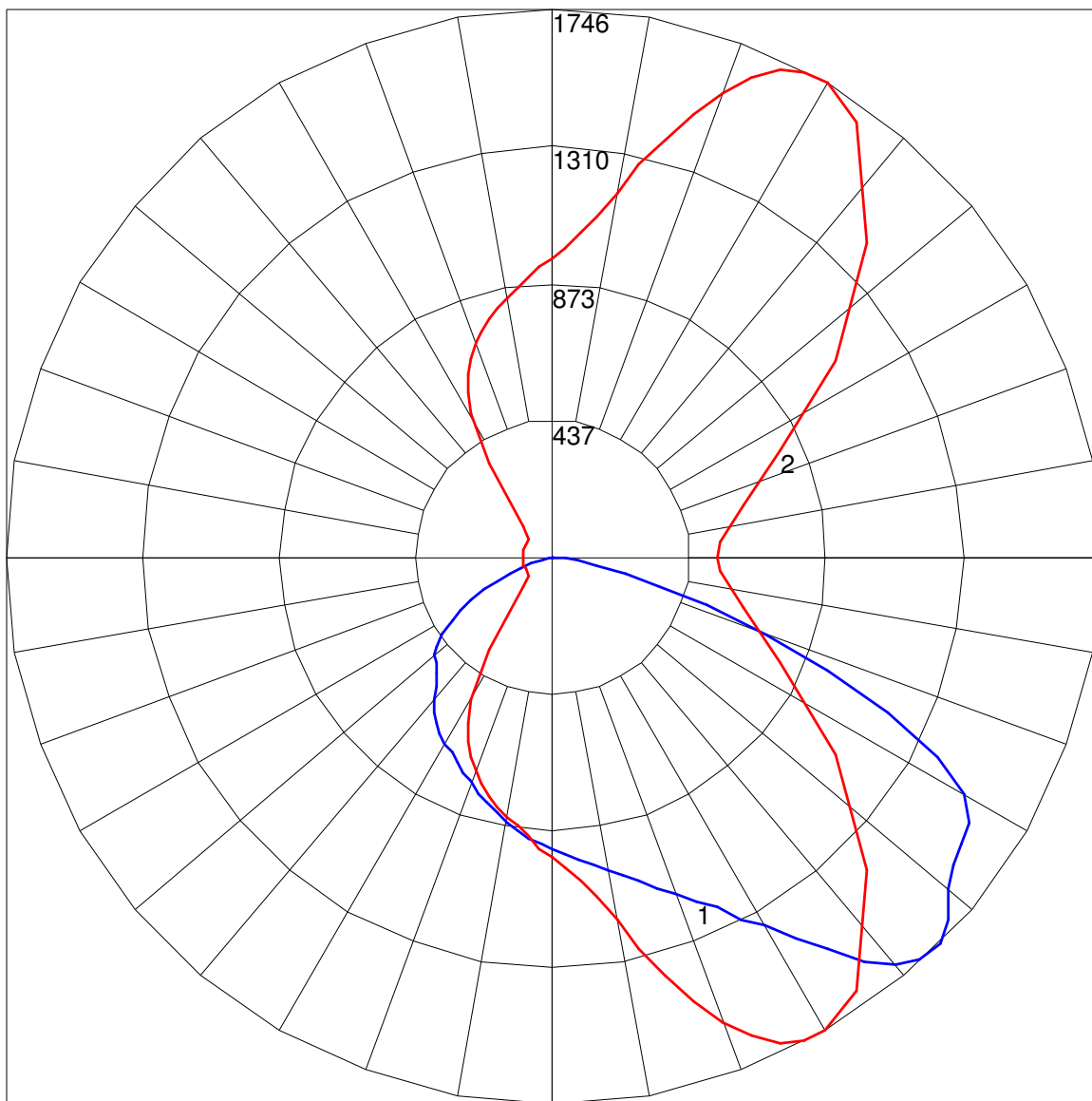
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

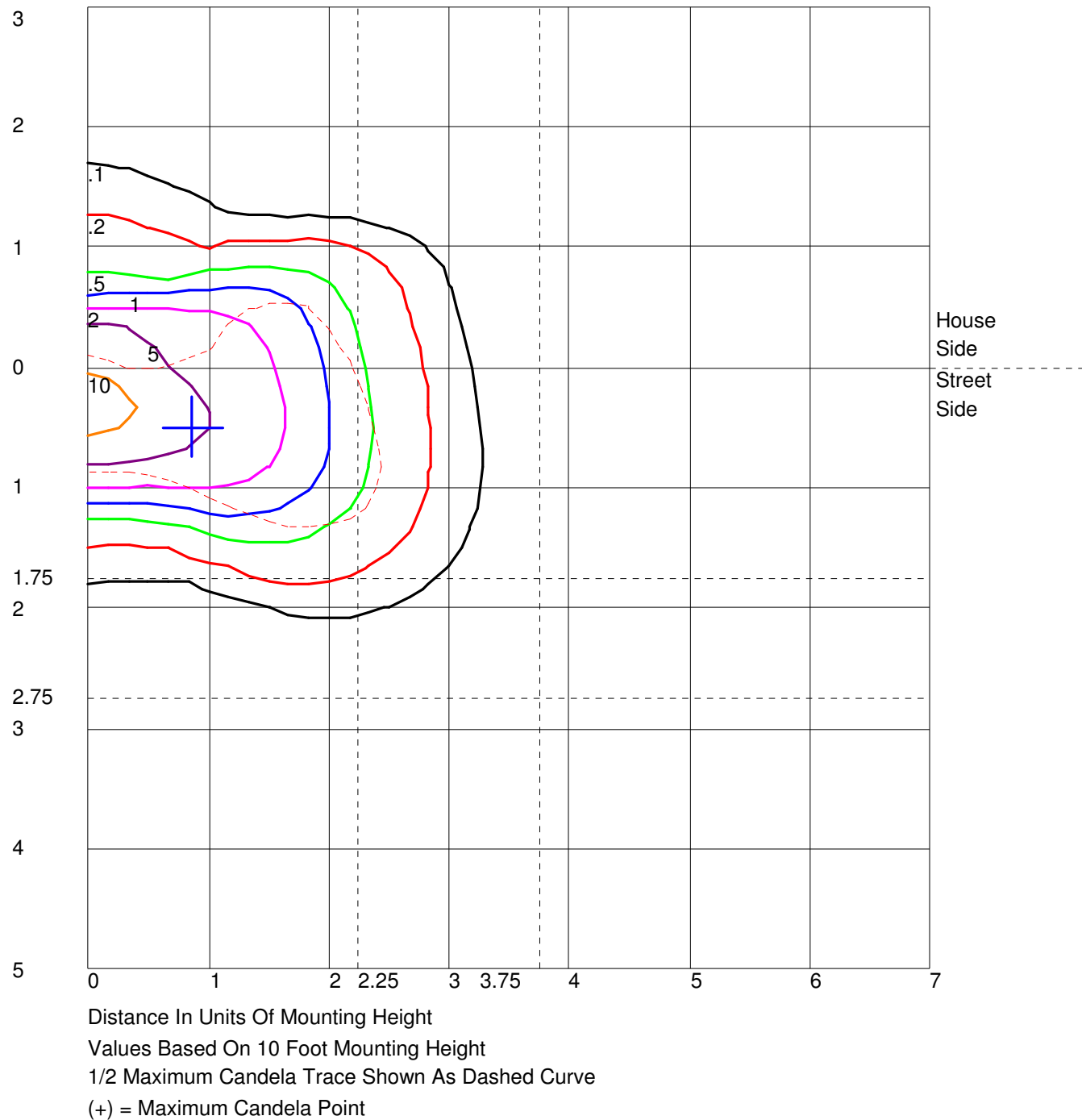
	Lumens	Percent Of Luminaire
Downward Street Side	2198.1	70.7
Downward House Side	913.1	29.3
Downward Total	3111.2	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	3111.2	100.0

POLAR GRAPH

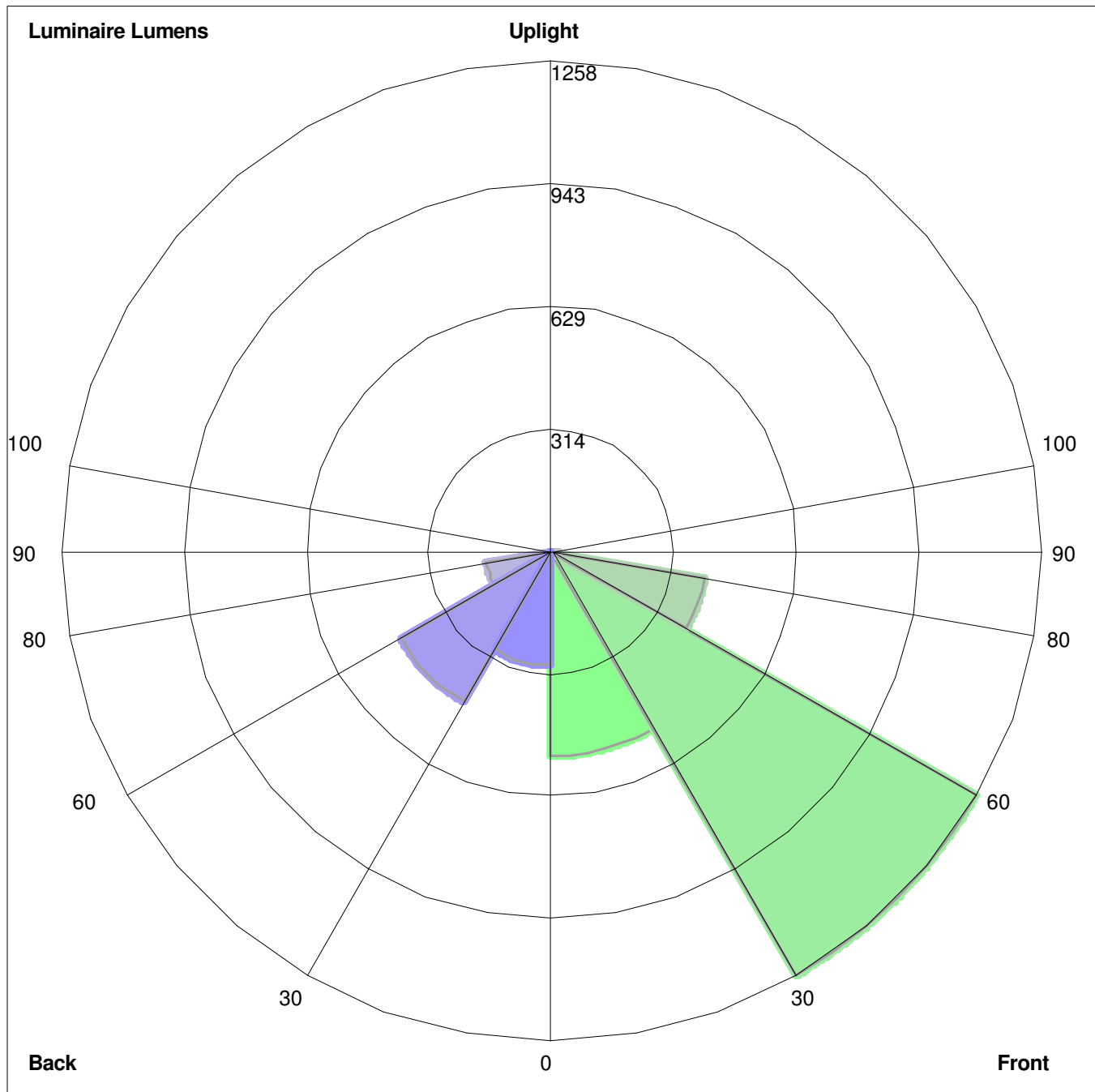


Maximum Candela = 1746.478 Located At Horizontal Angle = 60, Vertical Angle = 45
1 - Vertical Plane Through Horizontal Angles (60 - 240) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (45) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:
 Front: Low=525.4, Medium=1257.7, High=399.3, Very High=15.8
 Back: Low=291.8, Medium=447.1, High=169.6, Very High=4.6
 Uplight: Low=0.0, High=0.0

BUG Rating : B1-U0-G1