



IES ROAD REPORT

PHOTOMETRIC FILENAME : VWPX-L30-850-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-L30-850-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	3280
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	121
Total Luminaire Watts	27
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	1852.975
Maximum Candela Angle	60H 45V
Maximum Candela (<90 Degrees Vertical)	1852.975
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	121.658 (3.7% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

IES ROAD REPORT**PHOTOMETRIC FILENAME : VWPX-L30-850-T2-XXX-CGL-DIM-UNV_.IES****LUMINAIRE CLASSIFICATION SYSTEM (LCS)**

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	527.4	N.A.	16.1
FM - Front-Medium (30-60)	1307.4	N.A.	39.9
FH - Front-High (60-80)	505.4	N.A.	15.4
FVH - Front-Very High (80-90)	8.7	N.A.	0.3
BL - Back-Low (0-30)	293.7	N.A.	9.0
BM - Back-Medium (30-60)	446.9	N.A.	13.6
BH - Back-High (60-80)	189.1	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	3279.8	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	948.681	948.681	948.681	948.681	948.681	948.681	948.681	948.681	948.681	948.681
2.5	986.014	994.371	988.782	979.557	979.123	983.789	975.758	968.759	963.604	961.867
5.0	1028.231	1037.184	1029.913	1017.487	1013.797	1012.549	997.464	986.774	979.394	975.976
7.5	1078.478	1088.517	1078.478	1059.758	1048.471	1040.060	1017.704	1004.355	994.696	989.487
10.0	1175.012	1183.260	1167.958	1135.129	1103.222	1075.168	1036.859	1018.518	1006.254	999.092
12.5	1271.655	1281.531	1261.888	1221.516	1179.516	1131.548	1061.169	1032.626	1016.402	1005.603
15.0	1378.553	1388.646	1363.522	1308.825	1251.306	1191.888	1100.455	1054.983	1031.812	1015.316
17.5	1485.234	1499.560	1468.684	1403.840	1330.368	1250.601	1145.819	1090.308	1058.672	1034.688
20.0	1585.241	1605.753	1569.559	1495.490	1407.204	1313.438	1187.927	1128.780	1093.943	1063.556
22.5	1653.287	1680.364	1644.605	1571.567	1478.777	1373.561	1232.748	1165.842	1129.214	1096.060
25.0	1667.287	1696.318	1669.132	1616.660	1535.156	1432.545	1283.864	1211.260	1170.726	1134.532
27.5	1614.218	1648.458	1639.070	1613.838	1569.993	1487.948	1338.778	1266.717	1223.252	1182.338
30.0	1534.451	1569.396	1559.521	1556.265	1564.241	1532.063	1400.910	1331.399	1283.756	1239.368
32.5	1476.661	1511.986	1493.482	1483.498	1531.846	1571.404	1479.645	1404.545	1355.980	1309.096
35.0	1426.956	1458.754	1436.018	1422.995	1486.537	1608.683	1574.009	1502.219	1442.584	1393.150
37.5	1336.825	1367.701	1366.995	1367.972	1453.979	1637.768	1683.566	1614.652	1553.118	1487.296
40.0	1154.067	1180.439	1226.183	1293.469	1425.328	1642.977	1775.813	1727.845	1667.721	1596.528
42.5	902.775	922.961	1011.572	1162.640	1368.135	1606.784	1818.247	1817.596	1768.542	1704.511
45.0	668.955	689.738	783.776	976.247	1254.996	1515.296	1802.239	1852.975	1821.014	1768.596
47.5	398.942	428.190	549.793	769.450	1093.129	1412.305	1741.519	1806.852	1801.208	1772.449
50.0	257.153	271.098	350.377	565.692	930.015	1331.127	1677.706	1739.131	1748.573	1729.961
52.5	127.627	133.107	207.393	386.896	770.481	1249.027	1576.505	1660.233	1686.930	1684.651
55.0	108.092	107.766	116.286	240.765	613.064	1144.625	1438.297	1544.490	1581.606	1574.443
57.5	95.774	95.232	97.239	144.285	461.236	1027.254	1356.902	1498.258	1531.195	1528.319
60.0	86.061	85.193	86.604	99.573	322.974	919.433	1428.367	1580.412	1623.931	1639.559
62.5	79.170	77.868	78.139	83.891	224.541	804.993	1482.196	1709.015	1792.146	1839.084
65.0	73.092	71.953	70.976	75.371	164.634	656.420	1365.422	1677.543	1793.069	1848.580
67.5	66.418	65.875	64.736	68.751	132.022	562.599	1152.330	1433.413	1506.885	1535.753
70.0	58.496	58.279	58.170	62.674	105.325	455.050	955.898	1190.315	1230.741	1218.206
72.5	49.379	49.325	49.922	57.085	87.146	375.555	683.335	809.117	841.186	837.279
75.0	39.015	39.395	40.643	52.038	71.247	272.672	387.818	464.546	507.848	511.972
77.5	27.349	28.217	30.225	42.000	53.558	143.906	227.091	230.292	226.168	216.510
80.0	14.922	16.279	17.581	27.837	38.038	65.767	121.658	91.379	73.309	62.728
82.5	8.628	9.225	9.822	16.550	24.907	33.372	54.643	43.519	36.736	32.504
85.0	4.395	4.612	4.721	8.465	15.139	20.186	19.860	18.504	16.822	16.008
87.5	1.736	1.899	1.899	3.093	5.264	7.054	5.264	5.969	5.915	5.806
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	948.681	948.681	948.681	948.681	948.681	948.681	948.681	948.681	948.681	948.681
2.5	956.549	952.100	954.650	951.394	946.185	942.061	937.774	940.433	942.441	940.705
5.0	968.162	962.627	963.169	957.635	951.015	944.829	938.588	939.294	939.565	936.526
7.5	980.208	971.634	970.821	963.386	954.542	946.782	938.100	937.557	935.821	931.046
10.0	987.317	977.820	975.487	966.208	955.410	944.883	935.441	932.565	929.038	922.364
12.5	991.929	980.642	976.084	964.960	953.077	940.922	929.418	925.023	920.085	911.620
15.0	995.999	981.944	976.193	962.898	949.549	935.767	922.038	916.395	909.449	900.116
17.5	1007.285	987.913	978.092	962.355	947.487	931.914	917.100	909.340	900.821	890.186
20.0	1026.549	999.526	983.030	964.092	946.185	928.767	911.837	903.372	893.821	881.558
22.5	1053.192	1017.107	992.146	967.565	946.782	926.379	907.930	897.891	886.930	873.635
25.0	1088.246	1046.463	1011.029	978.092	952.480	928.441	907.333	896.426	883.511	869.294
27.5	1131.114	1086.075	1042.448	998.223	965.123	936.960	912.433	899.682	885.790	869.837
30.0	1182.826	1133.610	1083.905	1029.045	986.286	951.557	923.449	908.635	893.170	876.077
32.5	1247.616	1194.113	1137.517	1074.300	1020.634	975.704	941.953	925.023	907.658	888.992
35.0	1325.538	1265.469	1202.090	1130.680	1066.812	1008.316	968.053	947.650	927.519	907.278
37.5	1410.026	1341.817	1271.004	1190.477	1116.571	1042.665	992.797	966.534	943.635	921.604
40.0	1499.071	1419.468	1334.817	1244.849	1161.338	1075.494	1011.681	977.603	951.774	927.681
42.5	1599.892	1501.133	1399.770	1296.942	1201.927	1106.641	1030.835	987.859	957.960	932.999
45.0	1684.380	1574.986	1457.343	1343.825	1241.159	1139.090	1056.068	1004.355	970.386	943.363
47.5	1708.798	1617.799	1492.994	1368.026	1267.857	1169.912	1085.478	1028.773	992.580	964.580
50.0	1692.845	1619.753	1492.886	1368.623	1272.035	1186.950	1114.455	1059.758	1029.153	1005.440
52.5	1648.241	1565.869	1430.754	1334.275	1267.531	1211.043	1170.454	1140.610	1129.160	1117.982
55.0	1534.125	1463.801	1380.018	1325.321	1306.492	1289.128	1280.934	1273.880	1273.337	1263.787
57.5	1493.699	1464.886	1440.956	1422.181	1418.057	1413.987	1410.785	1396.352	1376.817	1348.383
60.0	1625.667	1629.845	1619.536	1590.668	1559.032	1538.141	1496.901	1453.382	1414.041	1370.468
62.5	1847.766	1850.208	1814.883	1741.193	1658.605	1584.590	1520.071	1452.568	1374.972	1301.066
65.0	1846.409	1809.131	1736.961	1649.597	1550.838	1473.134	1410.677	1351.259	1271.275	1197.694
67.5	1535.265	1489.847	1423.157	1355.383	1282.453	1209.904	1155.315	1111.525	1056.285	1007.285
70.0	1187.927	1135.835	1075.548	1014.774	959.425	894.798	841.674	803.636	756.210	718.443
72.5	808.682	761.365	713.234	672.265	632.545	589.514	550.445	524.778	488.910	465.089
75.0	491.732	452.283	414.461	382.772	350.051	309.082	267.408	246.680	224.812	212.657
77.5	197.572	164.526	134.844	104.836	80.906	65.713	55.620	52.093	48.674	47.046

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CANDELA TABULATION - (Cont.)

80.0	55.240	50.627	47.589	43.573	39.558	35.542	31.961	29.845	28.054	26.969
82.5	30.984	29.248	27.023	25.124	22.845	20.023	17.744	16.387	15.519	14.922
85.0	15.356	14.488	13.566	12.752	11.450	9.876	8.465	7.651	7.054	6.674
87.5	5.643	5.481	5.372	4.884	4.287	3.581	3.039	2.713	2.442	2.279
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	948.681	948.681	948.681	948.681	948.681	948.681	948.681	948.681	948.681	948.681
2.5	938.805	933.922	927.844	929.147	929.364	931.697	931.588	926.705	928.712	931.263
5.0	933.596	926.488	919.271	919.054	919.325	920.247	919.325	913.953	916.232	918.619
7.5	926.542	918.131	910.534	910.100	908.418	909.069	908.527	902.612	904.294	905.434
10.0	917.426	907.984	899.790	897.837	896.806	896.751	895.992	889.317	889.860	890.511
12.5	904.945	895.558	886.659	884.488	882.100	881.938	880.093	872.170	871.248	869.294
15.0	892.627	882.589	873.201	870.108	867.341	866.093	861.643	853.124	850.248	845.147
17.5	881.666	871.139	861.480	857.465	853.558	851.008	844.171	833.644	828.271	820.241
20.0	871.628	860.395	850.302	845.527	839.667	835.271	826.209	813.295	804.667	793.977
22.5	863.000	851.170	840.101	833.481	825.287	818.938	806.783	791.915	781.225	769.993
25.0	858.008	844.876	832.124	823.116	813.024	803.473	788.280	772.380	761.040	749.644

IES ROAD REPORT

PHOTOMETRIC FILENAME : VWPX-L30-850-T2-XXX-CGL-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

27.5	857.899	843.031	828.814	816.605	803.636	791.752	773.846	756.644	743.838	734.505
30.0	862.837	846.450	830.062	815.140	799.729	784.427	763.861	746.117	733.420	722.458
32.5	874.721	855.946	837.985	820.186	801.574	783.559	760.714	743.078	727.613	712.962
35.0	891.542	870.597	850.682	829.682	807.651	787.466	764.024	744.598	725.334	706.614
37.5	904.728	882.372	860.395	837.659	813.675	792.349	767.280	745.792	722.947	700.048
40.0	910.534	886.116	862.729	837.659	813.186	790.993	764.512	740.582	714.699	688.327
42.5	913.844	887.310	861.752	834.783	809.334	786.597	757.133	730.924	704.063	672.482
45.0	923.503	894.798	866.527	837.116	809.985	785.458	752.466	723.707	693.536	654.955
47.5	942.712	912.108	880.907	846.667	817.744	790.070	753.768	722.079	685.560	637.211
50.0	987.859	960.836	932.619	899.573	870.325	843.519	802.334	762.830	718.552	657.289
52.5	1109.463	1088.843	1064.750	1030.022	995.022	968.324	919.542	873.310	815.845	731.520
55.0	1251.089	1222.927	1188.415	1149.672	1111.091	1076.905	1018.029	959.100	875.155	744.598
57.5	1323.042	1285.438	1245.500	1200.950	1154.338	1106.098	1030.727	938.208	814.434	659.622
60.0	1322.228	1266.120	1212.942	1153.307	1099.315	1032.626	943.743	843.248	716.815	560.375
62.5	1228.733	1153.524	1096.928	1046.029	1002.510	948.139	872.767	777.427	648.227	488.585
65.0	1131.711	1061.820	1011.898	971.906	936.581	891.217	825.775	731.575	595.917	441.484
67.5	972.611	916.937	877.054	852.201	835.977	807.272	760.388	671.831	546.158	408.384
70.0	700.319	663.257	637.917	627.986	633.793	620.118	606.715	547.623	448.647	339.687
72.5	451.632	426.888	408.818	400.190	406.647	401.818	406.539	367.415	298.176	219.386
75.0	210.378	195.781	188.293	190.572	204.897	201.913	206.688	180.859	128.441	84.108
77.5	47.209	44.876	43.899	44.441	47.209	48.457	55.511	52.310	40.100	29.411
80.0	26.752	25.992	25.775	25.232	24.961	23.225	19.969	15.085	11.450	8.736
82.5	14.868	14.814	14.760	14.543	14.000	11.178	7.054	5.046	3.419	2.333
85.0	6.891	6.891	6.837	6.620	5.535	3.527	2.388	1.682	1.194	0.814
87.5	2.388	2.279	2.171	1.845	1.302	0.977	0.760	0.651	0.543	0.488
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-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

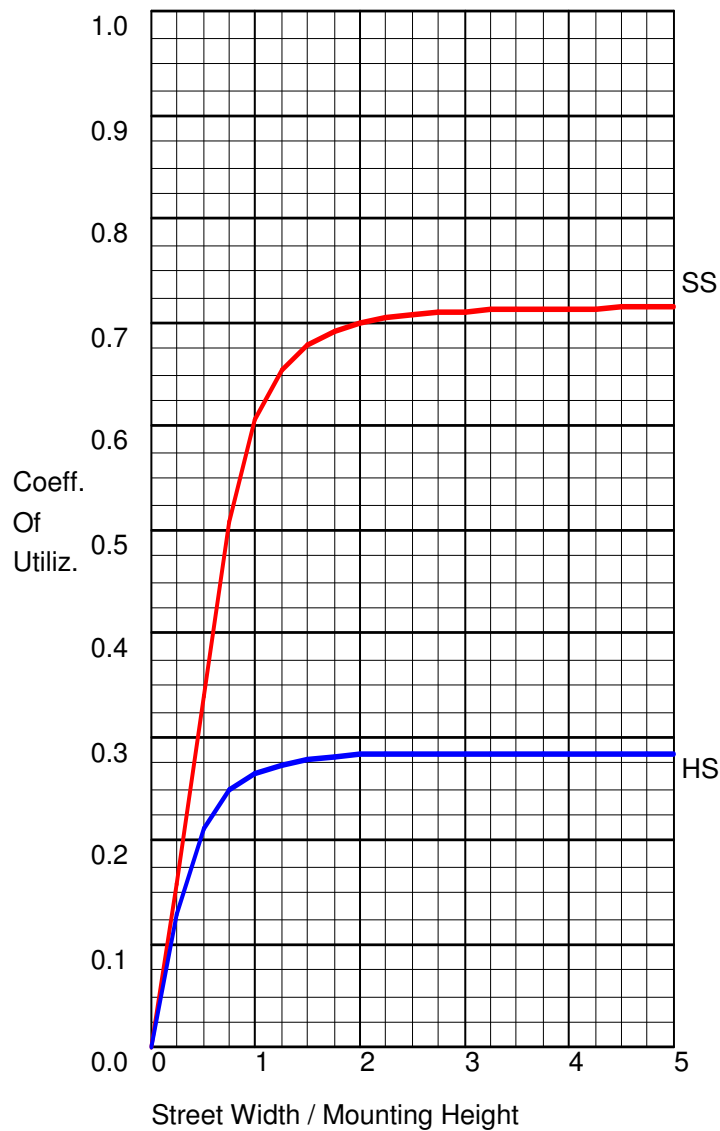
	117.5	120.0	125.0	135.0	145.0	155.0	165.0	175.0	180.0
0.0	948.681	948.681	948.681	948.681	948.681	948.681	948.681	948.681	948.681
2.5	930.232	932.457	934.953	934.844	925.782	922.635	928.984	934.030	924.588
5.0	917.209	917.968	919.705	918.674	906.899	900.061	903.751	907.061	899.682
7.5	904.240	904.348	903.534	897.240	879.224	866.310	864.411	864.519	857.953
10.0	887.093	885.085	881.504	866.201	840.535	822.682	820.675	822.248	816.117
12.5	864.573	860.504	851.116	826.535	802.062	795.280	806.512	815.411	810.690
15.0	838.690	831.582	816.822	793.706	787.086	789.148	788.822	787.574	783.450
17.5	811.287	802.279	786.543	779.163	774.388	752.303	735.644	726.528	723.272
20.0	784.481	775.419	765.706	765.435	734.776	691.583	657.180	629.235	627.390
22.5	760.768	754.908	750.838	733.637	676.281	592.878	470.624	382.121	379.462
25.0	742.536	738.683	732.226	686.699	586.584	389.772	275.385	233.385	232.572
27.5	727.451	721.590	706.288	626.033	430.143	242.990	176.029	152.859	152.208
30.0	712.474	703.412	673.730	532.918	274.897	163.386	131.696	125.348	125.890
32.5	698.854	684.094	636.234	414.027	188.781	127.844	118.619	116.340	117.154
35.0	687.622	663.854	590.057	294.106	141.301	115.852	111.836	110.480	111.076
37.5	674.870	641.932	531.290	206.851	120.193	109.177	106.627	105.922	105.922
40.0	656.366	611.762	466.500	159.533	109.720	103.751	102.394	101.689	101.146
42.5	632.490	571.607	402.415	132.348	102.720	99.247	98.433	97.565	96.371
45.0	604.111	527.980	339.795	116.286	97.674	95.829	94.743	93.441	92.139
47.5	573.181	486.468	283.362	105.759	93.387	92.247	90.836	89.371	87.960
50.0	578.064	477.406	263.664	100.604	89.480	87.743	85.898	84.759	83.457
52.5	631.893	506.871	253.897	96.154	86.550	82.317	81.286	80.906	79.875
55.0	603.080	450.980	202.673	91.759	83.077	77.976	77.054	77.976	77.216
57.5	514.468	372.136	164.309	86.658	78.247	73.798	73.038	74.829	74.340
60.0	428.407	306.641	137.882	79.658	72.441	69.077	68.263	70.976	71.193
62.5	368.718	263.556	120.464	70.922	64.790	62.240	57.899	60.178	61.263
65.0	329.485	231.378	104.294	61.046	54.914	44.604	35.868	31.364	32.395
67.5	306.478	212.277	91.813	49.813	37.333	21.759	12.806	7.977	9.170
70.0	263.447	193.231	82.263	32.721	16.279	5.209	1.574	1.302	1.248
72.5	166.316	120.790	54.046	16.225	3.147	1.085	0.977	0.977	0.977
75.0	67.178	47.426	25.666	2.713	0.922	0.651	0.488	0.434	0.488
77.5	22.628	17.364	5.806	0.814	0.488	0.271	0.163	0.163	0.163
80.0	6.132	3.310	0.977	0.434	0.217	0.109	0.109	0.109	0.109
82.5	1.574	0.977	0.488	0.217	0.163	0.109	0.109	0.109	0.109
85.0	0.597	0.488	0.326	0.163	0.109	0.109	0.054	0.109	0.109
87.5	0.380	0.326	0.271	0.163	0.109	0.109	0.054	0.109	0.109
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-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

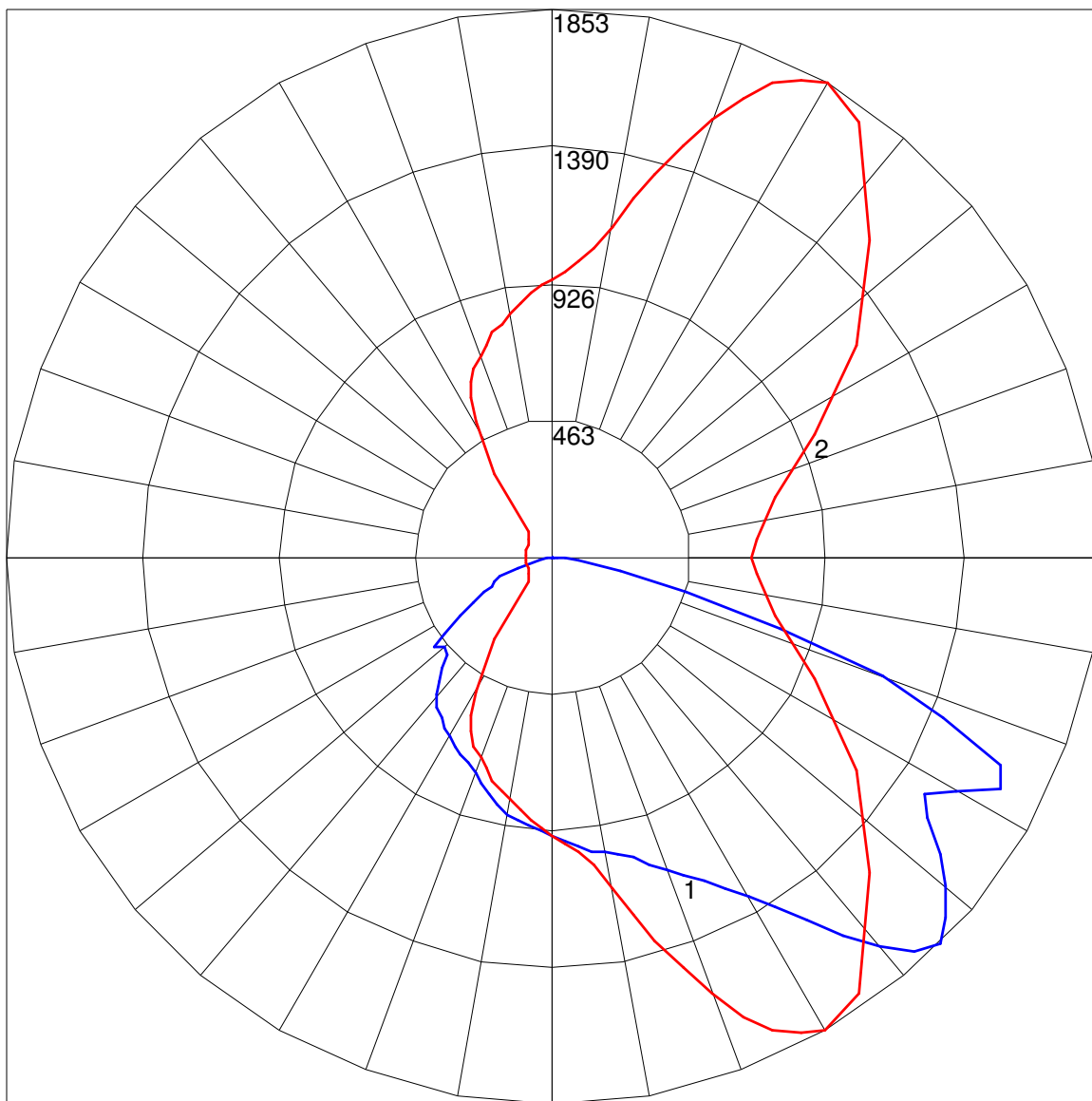
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

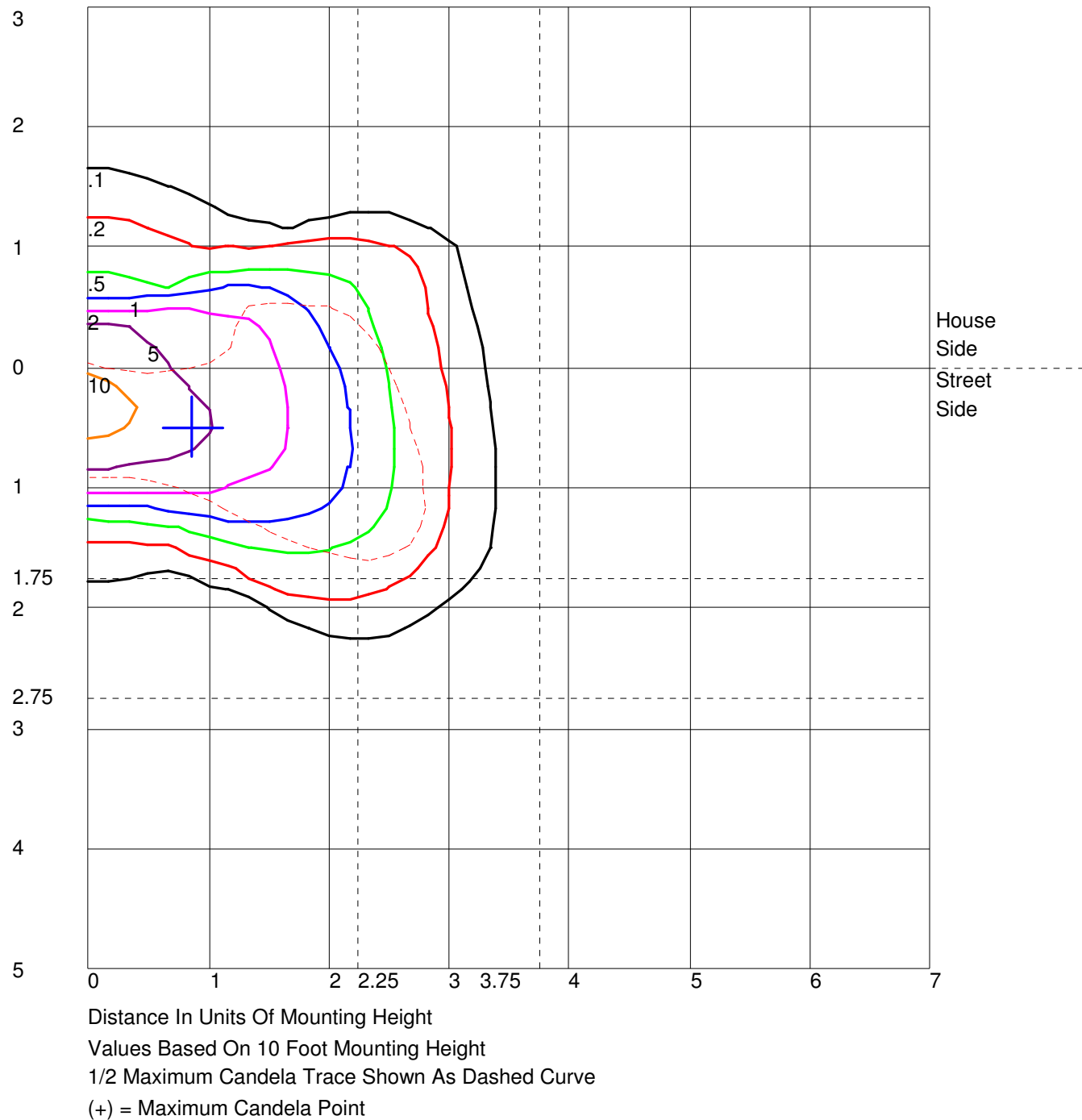
	Lumens	Percent Of Luminaire
Downward Street Side	2348.9	71.6
Downward House Side	930.9	28.4
Downward Total	3279.8	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	3279.8	100.0

POLAR GRAPH

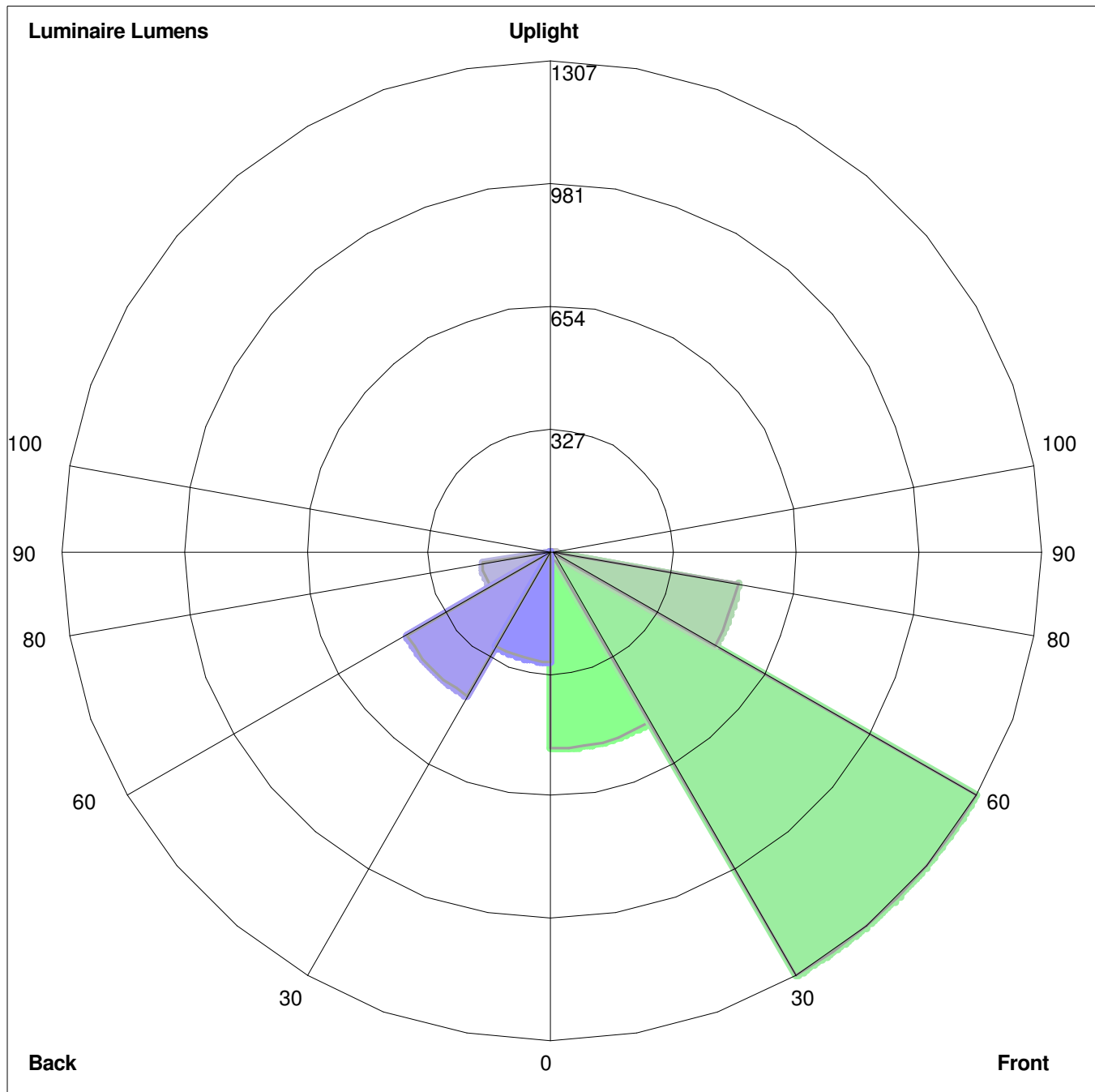


Maximum Candela = 1852.975 Located At Horizontal Angle = 60, Vertical Angle = 45
1 - Vertical Plane Through Horizontal Angles (60 - 240) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (45) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:
Front: Low=527.4, Medium=1307.4, High=505.4, Very High=8.7
Back: Low=293.7, Medium=446.9, High=189.1, Very High=1.2
Uplight: Low=0.0, High=0.0

BUG Rating : B1-U0-G1