



IES FLOOD REPORT

PHOTOMETRIC FILENAME : SFLS-WF-LED-PL1-50.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST]FLL360-020W-50K-W66-8-XX-XX-X

[TESTLAB]UL Verification Services (Guangzhou) Co., Ltd.

[TESTDATE]2015-02-26

[ISSUEDATE]2016-05-09

[MANUFAC]LSI INDUSTRIES, INC

[LUMCAT]SFLS-WF-LED-PL1-50

[OTHER]TEST PROCEDURE: IESNA LM-79-08

[_ABSOLUTE]NOTE: DATA SHOWN IS ABSOLUTE FOR THE SAMPLE PROVIDED

[_SEARCH_SOURCETYPE] LED

[_SEARCH_APPLICATION] Outdoor

Note: Candela values converted from Type-C to Type-B

CHARACTERISTICS

NEMA Type	6 H x 6 V
Maximum Candela	1494.277
Maximum Candela Angle	-1H -3V
Horizontal Beam Angle (50%)	73.7
Vertical Beam Angle (50%)	87.1
Horizontal Field Angle (10%)	106.4
Vertical Field Angle (10%)	114.1
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	1711
Beam Efficiency	N.A.
Field Lumens	2327
Field Efficiency	N.A.
Spill Lumens	67
Luminaire Lumens	2394
Total Efficiency	N.A.
Total Luminaire Watts	19.58
Ballast Factor	1.00

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AXIAL CANDELA

DEG.	HOR.	DEG.	VERT.
90	.053	90	.093
85	.093	85	.358
75	5.419	75	25.331
65	72.747	65	42.249
55	42.672	55	475.084
47.5	417.719	47.5	883.397
42.5	645.193	42.5	1101.729
37.5	724.02	37.5	1183.338
33	866.439	33	1265.159
29	1027.591	29	1324.22
25.5	1138.877	25.5	1343.881
22.5	1197.779	22.5	1380.87
19.5	1216.433	19.5	1437.891
17	1229.362	17	1457.976
15	1249.712	15	1471.754
13	1284.582	13	1457.764
11	1315.556	11	1431.85
9	1347.246	9	1402.28
7	1381.294	7	1380.314
5	1416.376	5	1380.208
3	1434.923	3	1417.41
1	1461.49	1	1456.35
0	1476.11	0	1476.11
-1	1468.326	-1	1480.992
-3	1446.529	-3	1485.188
-5	1406.042	-5	1472.681
-7	1389.19	-7	1439.826
-9	1366.774	-9	1400.531
-11	1344.305	-11	1368.576
-13	1322.789	-13	1345.073
-15	1298.731	-15	1318.471
-17	1262.272	-17	1297.803
-19.5	1221.785	-19.5	1257.979
-22.5	1193.937	-22.5	1203.344
-25.5	1162.088	-25.5	1145.448
-29	1088.56	-29	1078.121
-33	919.67	-33	959.866
-37.5	733.559	-37.5	720.178
-42.5	638.568	-42.5	577.096
-47.5	479.457	-47.5	259.534
-55	70.216	-55	46.343
-65	72.217	-65	16.402
-75	5.949	-75	2.861
-85	.106	-85	.57
-90	.066	-90	.121

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CANDELA TABULATION

Maximum Candela = 1494.277

Beam Edge = 747.1385 Cd (50% of Max.)

Field Edge = 149.4277 Cd (10% of Max.)

* Indicates Values Inside Field Edge

Vert. Angles	Horizontal Angles									
	-90.0	-85.0	-75.0	-65.0	-55.0	-47.5	-42.5	-37.5	-33.0	-29.0
90.0	0.066	0.069	0.075	0.081	0.087	0.092	0.094	0.097	0.100	0.102
85.0	0.066	0.076	0.084	0.084	0.110	0.134	0.149	0.171	0.196	0.222
75.0	0.066	0.091	0.110	0.208	1.093	1.355	1.859	4.462	7.319	10.174
65.0	0.066	0.105	0.183	3.346	4.650	7.303	9.326	13.197	15.528	16.257
55.0	0.066	0.113	1.375	5.915	19.627	33.266	67.868	136.067	194.960 *	247.850 *
47.5	0.066	0.113	2.998	10.617	40.917	97.372	231.420 *	415.369 *	512.906 *	572.382 *
42.5	0.066	0.112	3.561	17.108	50.583	149.147	310.568 *	482.805 *	581.880 *	647.913 *
37.5	0.066	0.112	4.050	25.939	45.517	177.484 *	376.938 *	543.887 *	637.233 *	725.996 *
33.0	0.066	0.111	4.428	34.349	43.275	217.510 *	449.515 *	610.035 *	710.996 *	814.688 *
29.0	0.066	0.111	4.778	42.064	44.931	270.278 *	528.422 *	658.902 *	765.322 *	897.981 *
25.5	0.066	0.110	5.046	49.167	53.709	327.279 *	574.659 *	686.475 *	805.688 *	945.936 *
22.5	0.066	0.110	5.254	51.915	58.021	379.141 *	604.847 *	699.236 *	830.558 *	971.124 *
19.5	0.066	0.109	5.437	55.060	65.397	423.933 *	614.637 *	706.579 *	847.812 *	998.287 *
17.0	0.066	0.109	5.570	57.690	77.573	450.374 *	625.546 *	715.521 *	862.168 *	1025.382 *
15.0	0.066	0.108	5.663	59.770	84.253	462.214 *	632.255 *	724.521 *	878.008 *	1047.332 *
13.0	0.066	0.108	5.744	61.805	88.409	472.495 *	636.912 *	736.097 *	897.001 *	1059.756 *
11.0	0.066	0.107	5.813	63.770	90.251	481.415 *	640.502 *	744.179 *	912.423 *	1072.323 *
9.0	0.066	0.107	5.871	65.642	90.007	487.143 *	642.964 *	748.880 *	924.335 *	1084.508 *
7.0	0.066	0.107	5.910	67.394	87.931	490.877 *	644.239 *	750.364 *	931.810 *	1090.756 *
5.0	0.066	0.107	5.984	69.002	84.288	491.779 *	644.270 *	748.836 *	934.597 *	1091.970 *
3.0	0.066	0.106	5.970	70.692	80.127	493.797 *	644.554 *	744.545 *	932.470 *	1092.151 *
1.0	0.066	0.106	5.956	71.708	73.522	484.242 *	640.566 *	738.032 *	925.243 *	1090.422 *
0.0	0.066	0.106	5.949	72.217	70.216	479.457 *	638.568 *	733.559 *	919.670 *	1088.560 *
-1.0	0.066	0.106	5.929	71.073	69.610	480.757 *	637.341 *	734.472 *	918.974 *	1085.397 *
-3.0	0.066	0.107	5.890	68.786	68.399	483.353 *	634.891 *	733.828 *	913.828 *	1076.898 *
-5.0	0.066	0.108	5.851	65.820	65.576	473.484 *	628.308 *	730.872 *	904.068 *	1065.971 *
-7.0	0.066	0.108	5.725	62.935	62.871	464.110 *	622.190 *	725.003 *	890.188 *	1053.176 *
-9.0	0.066	0.109	5.630	59.901	59.722	450.776 *	614.886 *	715.917 *	872.687 *	1033.808 *
-11.0	0.066	0.110	5.522	56.941	56.156	433.524 *	606.741 *	703.360 *	852.054 *	1006.269 *
-13.0	0.066	0.111	5.401	53.484	52.200	412.412 *	597.784 *	687.130 *	829.775 *	976.188 *
-15.0	0.066	0.112	5.268	50.148	47.882	387.513 *	588.119 *	667.077 *	806.729 *	941.728 *
-17.0	0.066	0.113	5.123	46.758	43.229	358.913 *	575.360 *	651.871 *	782.366 *	906.929 *
-19.5	0.066	0.114	4.926	42.479	36.982	316.168 *	551.163 *	633.470 *	751.459 *	865.461 *
-22.5	0.066	0.115	4.666	37.334	34.399	257.155 *	522.695 *	612.441 *	711.600 *	819.171 *
-25.5	0.066	0.116	4.383	32.598	33.850	191.943 *	464.689 *	585.781 *	673.249 *	773.132 *
-29.0	0.066	0.117	4.025	25.855	32.268	131.720	385.297 *	541.522 *	625.153 *	714.758 *
-33.0	0.066	0.118	3.582	19.304	28.640	78.049	300.093 *	475.248 *	552.735 *	634.128 *
-37.5	0.066	0.120	3.110	13.519	22.675	42.885	197.555 *	389.626 *	483.621 *	527.971 *
-42.5	0.066	0.121	2.527	9.279	15.872	22.865	78.690	269.387 *	398.683 *	404.684 *
-47.5	0.066	0.122	1.879	6.382	10.839	16.509	19.683	73.503	195.232 *	231.887 *
-55.0	0.066	0.122	0.891	3.824	6.658	8.185	8.999	11.555	19.938	29.029
-65.0	0.066	0.114	0.231	1.129	2.978	3.600	3.693	4.767	6.303	8.093
-75.0	0.066	0.097	0.148	0.287	0.628	0.916	1.173	1.520	1.878	2.220
-85.0	0.066	0.078	0.103	0.137	0.219	0.289	0.338	0.390	0.438	0.481
-90.0	0.066	0.069	0.075	0.083	0.094	0.103	0.106	0.103	0.100	0.097

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CANDELA TABULATION - (Cont.)

Vert. Angles	Horizontal Angles									
	<u>-25.5</u>	<u>-22.5</u>	<u>-19.5</u>	<u>-17.0</u>	<u>-15.0</u>	<u>-13.0</u>	<u>-11.0</u>	<u>-9.0</u>	<u>-7.0</u>	<u>-5.0</u>
90.0	0.105	0.106	0.105	0.103	0.102	0.100	0.099	0.098	0.097	0.096
85.0	0.247	0.271	0.286	0.298	0.307	0.316	0.332	0.336	0.341	0.346
75.0	12.756	15.011	16.550	17.722	18.652	19.612	20.571	21.519	22.443	23.536
65.0	15.844	16.051	16.203	19.520	22.197	24.888	27.586	30.284	32.976	35.656
55.0	329.500 *	411.384 *	484.029 *	488.871 *	486.401 *	486.611 *	488.420 *	490.702 *	492.293 *	492.002 *
47.5	620.329 *	667.496 *	717.166 *	758.991 *	775.748 *	793.018 *	810.333 *	827.201 *	843.105 *	857.512 *
42.5	713.500 *	772.540 *	828.361 *	870.209 *	898.768 *	926.623 *	955.004 *	983.519 *	1011.746 *	1039.242 *
37.5	808.327 *	867.862 *	918.996 *	952.317 *	972.789 *	1002.928 *	1037.382 *	1069.066 *	1098.172 *	1124.930 *
33.0	909.121 *	973.358 *	1024.877 *	1052.579 *	1071.789 *	1090.034 *	1119.873 *	1150.099 *	1178.797 *	1205.822 *
29.0	1014.703 *	1058.455 *	1093.762 *	1120.527 *	1140.256 *	1154.701 *	1170.981 *	1201.841 *	1231.573 *	1259.428 *
25.5	1046.332 *	1104.004 *	1137.817 *	1161.114 *	1177.899 *	1192.531 *	1205.009 *	1229.120 *	1259.333 *	1286.289 *
22.5	1070.980 *	1129.077 *	1166.796 *	1191.874 *	1209.814 *	1227.606 *	1245.465 *	1266.011 *	1297.397 *	1325.223 *
19.5	1098.458 *	1150.429 *	1191.969 *	1219.879 *	1239.858 *	1262.128 *	1286.512 *	1308.882 *	1335.007 *	1367.376 *
17.0	1118.586 *	1161.685 *	1200.971 *	1233.308 *	1257.750 *	1282.427 *	1307.567 *	1327.739 *	1349.858 *	1381.766 *
15.0	1127.369 *	1165.624 *	1201.873 *	1232.357 *	1265.702 *	1292.270 *	1309.711 *	1331.517 *	1353.256 *	1383.327 *
13.0	1129.748 *	1165.631 *	1195.317 *	1228.440 *	1260.819 *	1285.134 *	1301.547 *	1319.489 *	1344.055 *	1368.954 *
11.0	1130.933 *	1161.938 *	1183.576 *	1218.935 *	1246.870 *	1269.549 *	1280.669 *	1298.864 *	1320.969 *	1344.152 *
9.0	1137.378 *	1157.397 *	1170.636 *	1204.766 *	1233.980 *	1257.155 *	1270.614 *	1276.189 *	1299.823 *	1319.984 *
7.0	1144.020 *	1163.858 *	1175.678 *	1195.154 *	1224.191 *	1252.345 *	1268.284 *	1281.093 *	1286.385 *	1316.075 *
5.0	1150.551 *	1171.946 *	1188.740 *	1215.459 *	1240.213 *	1257.367 *	1273.843 *	1294.966 *	1315.051 *	1327.355 *
3.0	1156.340 *	1180.901 *	1203.060 *	1235.845 *	1265.642 *	1284.608 *	1302.087 *	1322.316 *	1348.446 *	1365.721 *
1.0	1160.685 *	1189.845 *	1216.178 *	1254.324 *	1289.208 *	1310.689 *	1331.197 *	1353.678 *	1377.262 *	1395.082 *
0.0	1162.088 *	1193.937 *	1221.785 *	1262.272 *	1298.731 *	1322.789 *	1344.305 *	1366.774 *	1389.190 *	1406.042 *
-1.0	1156.569 *	1187.942 *	1216.611 *	1257.141 *	1293.311 *	1317.167 *	1340.164 *	1364.547 *	1389.116 *	1408.035 *
-3.0	1143.892 *	1174.235 *	1203.819 *	1243.960 *	1277.433 *	1302.977 *	1327.972 *	1354.921 *	1384.892 *	1417.886 *
-5.0	1129.473 *	1159.321 *	1188.240 *	1227.271 *	1258.369 *	1284.694 *	1311.636 *	1348.058 *	1385.727 *	1424.601 *
-7.0	1113.835 *	1143.134 *	1171.348 *	1206.758 *	1239.191 *	1269.963 *	1299.074 *	1334.618 *	1376.436 *	1407.580 *
-9.0	1097.461 *	1125.817 *	1154.339 *	1192.120 *	1223.895 *	1252.529 *	1280.167 *	1309.492 *	1347.323 *	1376.880 *
-11.0	1080.101 *	1110.649 *	1141.934 *	1177.675 *	1206.817 *	1233.015 *	1256.768 *	1288.598 *	1320.042 *	1347.729 *
-13.0	1057.421 *	1092.662 *	1126.592 *	1160.575 *	1189.402 *	1213.234 *	1240.138 *	1267.889 *	1294.715 *	1319.101 *
-15.0	1031.818 *	1070.195 *	1105.760 *	1139.493 *	1167.046 *	1196.821 *	1222.142 *	1247.351 *	1271.251 *	1290.984 *
-17.0	999.463 *	1042.402 *	1078.502 *	1110.726 *	1142.515 *	1171.637 *	1200.590 *	1224.141 *	1245.915 *	1265.442 *
-19.5	948.858 *	1001.057 *	1036.767 *	1072.462 *	1103.510 *	1132.828 *	1160.068 *	1184.390 *	1207.278 *	1227.123 *
-22.5	894.590 *	943.137 *	986.013 *	1023.851 *	1052.097 *	1078.685 *	1103.264 *	1125.302 *	1149.328 *	1169.427 *
-25.5	847.630 *	894.035 *	938.889 *	972.694 *	997.745 *	1021.194 *	1042.260 *	1065.392 *	1088.770 *	1108.957 *
-29.0	789.493 *	834.223 *	879.795 *	913.435 *	939.575 *	959.348 *	977.266 *	999.352 *	1021.409 *	1040.863 *
-33.0	694.659 *	737.778 *	776.555 *	809.719 *	837.991 *	866.694 *	886.796 *	903.931 *	920.445 *	935.436 *
-37.5	578.092 *	622.516 *	656.316 *	678.740 *	693.593 *	706.400 *	715.704 *	722.643 *	727.044 *	728.742 *
-42.5	437.174 *	477.508 *	511.856 *	542.777 *	559.917 *	569.712 *	577.123 *	582.172 *	584.898 *	585.358 *
-47.5	226.456 *	230.390 *	241.140 *	257.068 *	279.959 *	295.922 *	305.652 *	309.263 *	307.083 *	299.486 *
-55.0	42.681	47.577	47.432	46.744	47.312	47.699	47.913	47.959	47.847	47.585
-65.0	9.964	12.354	14.619	15.546	16.124	16.562	16.866	17.054	17.093	17.028
-75.0	2.521	2.775	2.892	2.939	2.964	2.980	2.985	2.981	2.969	2.971
-85.0	0.519	0.552	0.559	0.562	0.565	0.567	0.576	0.575	0.574	0.573
-90.0	0.095	0.094	0.098	0.101	0.103	0.105	0.108	0.110	0.113	0.115

Vert. Angles	Horizontal Angles									
	<u>-3.0</u>	<u>-1.0</u>	<u>0.0</u>	<u>1.0</u>	<u>3.0</u>	<u>5.0</u>	<u>7.0</u>	<u>9.0</u>	<u>11.0</u>	<u>13.0</u>
90.0	0.094	0.093	0.093	0.093	0.094	0.096	0.097	0.098	0.099	0.100
85.0	0.351	0.356	0.358	0.358	0.357	0.355	0.354	0.353	0.352	0.338
75.0	24.254	24.972	25.331	25.522	25.905	26.288	26.207	26.282	26.279	26.196
65.0	38.353	40.950	42.249	42.224	42.175	42.009	41.850	41.655	41.430	41.169

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CANDELA TABULATION - (Cont.)

55.0	494.828	* 481.668	* 475.084	* 480.626	* 491.702	* 483.998	* 477.355	* 465.138	* 447.538	* 424.758	*
47.5	873.414	* 880.067	* 883.397	* 880.898	* 875.904	* 861.084	* 847.331	* 831.320	* 813.383	* 793.850	*
42.5	1067.984	*1090.470	*1101.729	*1093.032	*1075.663	*1051.817	*1029.037	*1005.219	*980.728	* 955.916	*
37.5	1149.602	*1172.652	*1183.338	*1175.311	*1157.250	*1138.506	*1117.543	*1094.586	*1069.494	*1042.149	*
33.0	1231.032	*1254.295	*1265.159	*1256.947	*1239.000	*1219.148	*1197.549	*1174.369	*1149.773	*1124.213	*
29.0	1286.149	*1311.786	*1324.220	*1315.214	*1296.445	*1276.633	*1255.748	*1232.311	*1206.239	*1183.692	*
25.5	1310.623	*1333.088	*1343.881	*1336.581	*1321.106	*1303.773	*1283.833	*1260.661	*1236.193	*1214.886	*
22.5	1349.698	*1371.459	*1380.870	*1374.335	*1358.510	*1340.428	*1319.733	*1296.388	*1269.021	*1241.775	*
19.5	1396.952	*1424.601	*1437.891	*1430.488	*1414.285	*1394.889	*1369.153	*1338.863	*1306.449	*1274.474	*
17.0	1412.687	*1443.060	*1457.976	*1450.587	*1435.157	*1418.332	*1397.174	*1366.854	*1336.751	*1300.667	*
15.0	1418.283	*1454.284	*1471.754	*1462.508	*1442.799	*1423.659	*1400.918	*1374.538	*1343.298	*1314.406	*
13.0	1401.708	*1438.327	*1457.764	*1447.333	*1428.530	*1413.056	*1391.003	*1363.985	*1339.310	*1311.358	*
11.0	1374.587	*1411.516	*1431.850	*1420.492	*1402.021	*1387.036	*1365.645	*1344.007	*1321.551	*1291.470	*
9.0	1346.697	*1383.397	*1402.280	*1390.707	*1371.025	*1353.364	*1337.017	*1318.025	*1291.817	*1263.684	*
7.0	1333.823	*1366.299	*1380.314	*1369.329	*1346.530	*1330.227	*1311.262	*1289.603	*1261.233	*1233.509	*
5.0	1358.697	*1378.074	*1380.208	*1372.673	*1347.866	*1317.016	*1302.535	*1269.822	*1233.853	*1215.733	*
3.0	1393.488	*1423.134	*1417.410	*1411.382	*1359.942	*1341.815	*1312.178	*1282.259	*1261.210	*1242.617	*
1.0	1435.717	*1459.707	*1456.350	*1439.248	*1408.690	*1391.267	*1359.760	*1327.506	*1298.292	*1271.104	*
0.0	1446.529	*1468.326	*1476.110	*1461.490	*1434.923	*1416.376	*1381.294	*1347.246	*1315.556	*1284.582	*
-1.0	1444.507	*1485.108	*1480.992	*1471.922	*1444.507	*1422.287	*1388.396	*1352.499	*1318.607	*1285.974	*
-3.0	1468.135	*1494.277	*1485.188	*1474.352	*1443.879	*1419.825	*1396.019	*1356.300	*1319.744	*1284.641	*
-5.0	1461.119	*1478.149	*1472.681	*1460.278	*1428.951	*1406.878	*1377.536	*1343.821	*1311.157	*1277.794	*
-7.0	1442.632	*1443.752	*1439.826	*1428.306	*1399.434	*1376.841	*1349.943	*1317.147	*1285.769	*1256.034	*
-9.0	1396.834	*1401.992	*1400.531	*1389.461	*1360.345	*1337.061	*1313.510	*1281.198	*1253.109	*1227.699	*
-11.0	1362.488	*1367.999	*1368.576	*1357.058	*1329.717	*1300.058	*1278.642	*1249.493	*1216.249	*1196.274	*
-13.0	1333.445	*1342.389	*1345.073	*1332.373	*1303.870	*1271.260	*1247.570	*1221.710	*1192.151	*1161.955	*
-15.0	1304.990	*1315.199	*1318.471	*1306.544	*1279.193	*1248.561	*1220.385	*1196.331	*1168.077	*1137.205	*
-17.0	1281.208	*1292.995	*1297.803	*1285.086	*1257.601	*1226.418	*1192.423	*1168.850	*1142.349	*1115.048	*
-19.5	1241.951	*1253.441	*1257.979	*1246.133	*1220.073	*1190.890	*1157.455	*1128.737	*1105.247	*1084.052	*
-22.5	1185.699	*1198.731	*1203.344	*1192.288	*1166.585	*1138.225	*1106.964	*1073.005	*1057.029	*1039.542	*
-25.5	1125.929	*1139.719	*1145.448	*1134.566	*1110.592	*1083.800	*1054.374	*1022.520	*997.853	* 982.187	*
-29.0	1057.627	*1071.875	*1078.121	*1067.415	*1044.242	*1018.538	*990.121	* 959.012	* 927.721	* 911.775	*
-33.0	947.945	* 956.972	* 959.866	* 952.954	* 936.124	* 916.507	* 895.537	* 874.574	* 854.866	* 836.520	*
-37.5	727.757	* 723.814	* 720.178	* 724.878	* 730.697	* 733.716	* 733.553	* 730.244	* 723.848	* 714.443	*
-42.5	585.872	* 580.024	* 577.096	* 580.312	* 586.734	* 586.713	* 586.686	* 584.284	* 579.425	* 572.045	*
-47.5	291.471	* 270.187	* 259.534	* 272.878	* 299.539	* 312.412	* 324.474	* 330.423	* 329.705	* 321.819	*
-55.0	47.317	46.668	46.343	46.079	45.552	44.590	43.585	42.362	40.894	39.155	
-65.0	16.961	16.588	16.402	16.512	16.733	16.677	16.639	16.524	16.335	16.077	
-75.0	2.927	2.883	2.861	2.862	2.865	2.867	2.817	2.781	2.731	2.667	
-85.0	0.571	0.570	0.570	0.565	0.556	0.546	0.536	0.527	0.517	0.497	
-90.0	0.117	0.120	0.121	0.119	0.114	0.109	0.104	0.099	0.094	0.090	

Vert. Angles **Horizontal Angles**

	<u>15.0</u>	<u>17.0</u>	<u>19.5</u>	<u>22.5</u>	<u>25.5</u>	<u>29.0</u>	<u>33.0</u>	<u>37.5</u>	<u>42.5</u>	<u>47.5</u>
90.0	0.102	0.103	0.105	0.106	0.099	0.090	0.081	0.071	0.059	0.056
85.0	0.332	0.327	0.319	0.308	0.279	0.246	0.211	0.174	0.140	0.119
75.0	26.032	25.788	25.368	23.844	19.537	14.835	10.006	5.488	1.751	0.833
65.0	40.877	40.555	40.111	36.765	31.316	25.427	18.571	10.698	2.824	3.616
55.0	397.011	* 364.518	* 319.255	* 283.190	* 256.857	* 233.065	* 201.891	* 119.755	23.990	15.392
47.5	773.016	* 751.135	* 710.894	* 665.739	* 621.038	* 568.154	* 509.709	* 453.953	* 274.867	* 83.890
42.5	931.109	* 900.224	* 851.942	* 791.445	* 725.905	* 649.436	* 581.647	* 486.408	* 332.772	* 173.295
37.5	1015.158	*989.014	* 949.427	* 892.299	* 828.397	* 744.986	* 653.500	* 552.257	* 392.484	* 189.232
33.0	1101.011	*1075.395	*1039.642	*988.561	* 923.731	* 826.556	* 725.077	* 623.086	* 472.437	* 235.992
29.0	1162.743	*1139.299	*1109.120	*1062.948	*1005.753	*907.467	* 776.485	* 671.383	* 537.738	* 303.764
25.5	1192.406	*1168.965	*1141.663	*1106.611	*1049.665	*947.792	* 818.011	* 697.280	* 583.488	* 367.581

IES FLOOD REPORT
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CANDELA TABULATION - (Cont.)

22.5	1214.040	*1187.049	*1154.603	*1123.666	*1075.782	*978.945	* 844.845	* 709.471	* 611.736	* 395.000	*
19.5	1240.722	*1207.927	*1175.069	*1144.145	*1102.246	*1008.530	*867.328	* 719.409	* 617.115	* 417.333	*
17.0	1266.496	*1230.361	*1198.467	*1165.523	*1124.173	*1036.623	*883.742	* 730.959	* 625.858	* 430.018	*
15.0	1278.598	*1245.937	*1212.946	*1181.013	*1140.940	*1060.214	*896.235	* 740.928	* 631.654	* 436.304	*
13.0	1276.316	*1244.784	*1218.000	*1193.383	*1155.596	*1074.752	*906.502	* 752.040	* 636.327	* 441.468	*
11.0	1259.521	*1231.337	*1212.500	*1202.308	*1167.020	*1076.648	*914.284	* 758.250	* 640.712	* 445.110	*
9.0	1235.359	*1209.456	*1195.052	*1197.104	*1163.638	*1076.129	*917.589	* 759.896	* 644.511	* 446.798	*
7.0	1205.834	*1187.659	*1189.429	*1193.171	*1159.968	*1070.772	*915.185	* 757.405	* 647.219	* 446.078	*
5.0	1207.375	*1198.629	*1194.466	*1193.030	*1156.073	*1061.852	*907.337	* 751.284	* 649.020	* 442.479	*
3.0	1224.667	*1211.037	*1203.230	*1195.051	*1151.001	*1050.738	*894.402	* 742.109	* 651.660	* 440.353	*
1.0	1242.054	*1223.639	*1212.169	*1197.608	*1143.703	*1036.354	*876.818	* 730.702	* 647.352	* 425.272	*
0.0	1249.712	*1229.362	*1216.433	*1197.779	*1138.877	*1027.591	*866.439	* 724.020	* 645.193	* 417.719	*
-1.0	1251.204	*1228.601	*1214.038	*1194.747	*1136.033	*1025.822	*864.939	* 722.624	* 643.696	* 415.518	*
-3.0	1250.322	*1224.777	*1208.278	*1185.602	*1127.609	*1018.723	*859.063	* 718.228	* 640.708	* 411.123	*
-5.0	1245.019	*1218.333	*1200.573	*1173.891	*1115.837	*1007.117	*849.429	* 712.537	* 629.835	* 392.937	*
-7.0	1230.729	*1210.141	*1190.709	*1159.551	*1101.101	*991.324	* 836.153	* 705.343	* 619.340	* 375.700	*
-9.0	1204.673	*1189.625	*1175.994	*1142.828	*1083.791	*970.171	* 819.380	* 696.626	* 606.419	* 354.587	*
-11.0	1178.034	*1163.534	*1151.308	*1119.980	*1062.757	*942.791	* 799.278	* 686.378	* 591.133	* 329.652	*
-13.0	1146.152	*1135.454	*1121.404	*1089.534	*1028.929	*910.694	* 776.746	* 674.606	* 573.547	* 301.607	*
-15.0	1112.961	*1104.748	*1092.839	*1058.735	*994.594	* 877.892	* 752.553	* 661.330	* 553.739	* 270.185	*
-17.0	1089.481	*1075.780	*1062.285	*1025.217	*958.806	* 847.995	* 728.530	* 647.182	* 526.596	* 235.765	*
-19.5	1065.672	*1046.283	*1021.749	*979.981	* 908.851	* 807.383	* 700.446	* 628.942	* 470.027	* 190.195	*
-22.5	1021.030	*1000.734	*971.506	* 920.972	* 848.556	* 757.834	* 673.830	* 600.071	* 393.363	* 130.753	
-25.5	964.635	* 944.624	* 911.644	* 855.091	* 784.816	* 709.543	* 641.462	* 556.625	* 331.291	* 65.483	
-29.0	895.135	* 871.533	* 832.718	* 778.070	* 718.219	* 659.419	* 596.075	* 484.288	* 260.060	* 55.411	
-33.0	813.661	* 787.671	* 749.482	* 696.351	* 646.169	* 591.937	* 530.602	* 391.260	* 169.755	* 43.754	
-37.5	696.405	* 672.524	* 641.294	* 602.355	* 564.208	* 516.861	* 437.333	* 278.137	* 96.262	28.709	
-42.5	562.098	* 546.176	* 522.711	* 491.740	* 432.702	* 360.701	* 281.646	* 133.693	34.387	24.115	
-47.5	306.321	* 282.664	* 255.358	* 226.697	* 191.108	* 143.694	80.548	22.035	18.099	20.180	
-55.0	37.119	34.766	31.612	27.976	24.634	19.953	14.987	9.104	9.219	9.863	
-65.0	15.753	15.369	14.810	12.932	10.698	8.296	5.994	4.005	2.648	3.058	
-75.0	2.587	2.490	2.343	2.110	1.814	1.488	1.154	0.953	0.722	0.565	
-85.0	0.485	0.471	0.453	0.431	0.393	0.351	0.303	0.250	0.195	0.159	
-90.0	0.085	0.080	0.074	0.067	0.069	0.071	0.073	0.075	0.078	0.078	

Vert. Angles	Horizontal Angles				
	55.0	65.0	75.0	85.0	90.0
90.0	0.065	0.077	0.071	0.059	0.053
85.0	0.105	0.101	0.082	0.062	0.053
75.0	0.506	0.158	0.097	0.067	0.053
65.0	3.886	1.078	0.128	0.072	0.053
55.0	11.153	5.699	0.325	0.076	0.053
47.5	24.200	8.194	0.635	0.080	0.053
42.5	29.202	11.008	1.782	0.083	0.053
37.5	36.472	15.757	2.848	0.085	0.053
33.0	40.125	21.916	3.720	0.087	0.053
29.0	45.151	28.470	4.237	0.088	0.053
25.5	54.542	34.766	4.612	0.089	0.053
22.5	59.319	38.957	4.876	0.090	0.053
19.5	67.324	43.916	5.090	0.091	0.053
17.0	79.070	48.160	5.231	0.091	0.053
15.0	84.198	51.571	5.320	0.092	0.053
13.0	85.897	54.949	5.390	0.092	0.053
11.0	84.546	58.386	5.440	0.093	0.053
9.0	80.563	61.418	5.472	0.093	0.053

IES FLOOD REPORT
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CANDELA TABULATION - (Cont.)

7.0	74.395	64.411	5.487	0.093	0.053
5.0	66.519	67.176	5.526	0.093	0.053
3.0	57.611	70.095	5.483	0.093	0.053
1.0	47.656	71.862	5.440	0.093	0.053
0.0	42.672	72.747	5.419	0.093	0.053
-1.0	42.420	71.849	5.408	0.093	0.053
-3.0	41.917	70.055	5.387	0.094	0.053
-5.0	41.641	67.068	5.366	0.095	0.053
-7.0	41.301	64.203	5.272	0.095	0.053
-9.0	40.963	61.054	5.200	0.096	0.053
-11.0	40.601	57.657	5.125	0.096	0.053
-13.0	40.192	54.046	5.035	0.096	0.053
-15.0	39.713	50.256	4.934	0.096	0.053
-17.0	39.141	46.321	4.823	0.096	0.053
-19.5	38.270	41.247	4.670	0.096	0.053
-22.5	38.095	35.008	4.466	0.095	0.053
-25.5	37.976	29.352	4.241	0.095	0.053
-29.0	37.057	22.757	3.951	0.094	0.053
-33.0	35.648	15.997	3.594	0.093	0.053
-37.5	32.298	10.371	2.754	0.091	0.053
-42.5	26.500	8.049	1.722	0.089	0.053
-47.5	16.010	6.267	0.625	0.086	0.053
-55.0	6.591	4.061	0.331	0.081	0.053
-65.0	2.857	1.026	0.156	0.074	0.053
-75.0	0.427	0.201	0.124	0.067	0.053
-85.0	0.133	0.112	0.083	0.060	0.053
-90.0	0.074	0.068	0.062	0.056	0.053

IES FLOOD REPORT
PHOTOMETRIC FILENAME : SFLS-WF-LED-PL1-50.IES

LUMEN TABULATION

Average Of Right And Left Sides

Total Luminaire Lumens (one side of beam only) = 1196.97

Total Field Lumens (one side of beam only) = 1163.41

* Indicates Values Inside Field Edge

Vert. Angles	Horizontal Angles									
	<u>0</u>	<u>1</u>	<u>3</u>	<u>5</u>	<u>7</u>	<u>9</u>	<u>11</u>	<u>13</u>	<u>15</u>	<u>17</u>
90										
85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
75	0.04	0.08	0.08	0.08	0.07	0.07	0.07	0.07	0.07	0.08
65	0.10	0.20	0.20	0.19	0.18	0.18	0.17	0.16	0.15	0.18
55	0.79 *	1.61 *	1.61 *	1.59 *	1.56 *	1.52 *	1.48 *	1.42 *	1.36 *	1.60 *
47.5	1.55 *	3.12 *	3.09 *	3.04 *	2.98 *	2.91 *	2.83 *	2.73 *	2.63 *	3.12 *
42.5	1.51 *	2.98 *	2.93 *	2.86 *	2.78 *	2.70 *	2.62 *	2.53 *	2.44 *	2.89 *
37.5	1.73 *	3.42 *	3.34 *	3.26 *	3.17 *	3.07 *	2.97 *	2.86 *	2.76 *	3.28 *
33	1.67 *	3.30 *	3.24 *	3.16 *	3.08 *	2.99 *	2.89 *	2.80 *	2.71 *	3.26 *
29	1.57 *	3.10 *	3.04 *	2.98 *	2.90 *	2.82 *	2.74 *	2.67 *	2.60 *	3.13 *
25.5	1.42 *	2.80 *	2.75 *	2.69 *	2.63 *	2.56 *	2.49 *	2.44 *	2.37 *	2.87 *
22.5	1.24 *	2.46 *	2.41 *	2.37 *	2.31 *	2.25 *	2.20 *	2.14 *	2.09 *	2.52 *
19.5	1.28 *	2.54 *	2.49 *	2.44 *	2.38 *	2.32 *	2.26 *	2.20 *	2.13 *	2.58 *
17	1.10 *	2.17 *	2.13 *	2.09 *	2.03 *	1.98 *	1.93 *	1.87 *	1.81 *	2.18 *
15	0.89 *	1.75 *	1.72 *	1.68 *	1.64 *	1.60 *	1.56 *	1.52 *	1.47 *	1.76 *
13	0.89 *	1.75 *	1.71 *	1.68 *	1.64 *	1.60 *	1.56 *	1.52 *	1.47 *	1.77 *
11	0.88 *	1.72 *	1.69 *	1.66 *	1.62 *	1.59 *	1.55 *	1.51 *	1.46 *	1.76 *
9	0.86 *	1.69 *	1.66 *	1.62 *	1.59 *	1.56 *	1.53 *	1.49 *	1.44 *	1.74 *
7	0.84 *	1.66 *	1.63 *	1.60 *	1.57 *	1.54 *	1.50 *	1.46 *	1.42 *	1.72 *
5	0.84 *	1.66 *	1.62 *	1.59 *	1.56 *	1.53 *	1.49 *	1.45 *	1.42 *	1.73 *
3	0.85 *	1.68 *	1.64 *	1.61 *	1.58 *	1.54 *	1.50 *	1.47 *	1.43 *	1.74 *
1	0.87 *	1.72 *	1.69 *	1.65 *	1.61 *	1.57 *	1.53 *	1.50 *	1.46 *	1.76 *
0	0.45 *	0.88 *	0.86 *	0.84 *	0.82 *	0.80 *	0.78 *	0.76 *	0.74 *	0.89 *
-1	0.45 *	0.89 *	0.87 *	0.85 *	0.83 *	0.81 *	0.78 *	0.76 *	0.74 *	0.89 *
	0.90 *	1.78 *	1.74 *	1.70 *	1.66 *	1.61 *	1.56 *	1.52 *	1.47 *	1.77 *

IES FLOOD REPORT
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LUMENS TABULATION - (Cont.)

-3	0.90 *	1.78 *	1.74 *	1.70 *	1.65 *	1.60 *	1.55 *	1.50 *	1.46 *	1.76 *
-5	0.89 *	1.76 *	1.72 *	1.68 *	1.63 *	1.58 *	1.53 *	1.49 *	1.44 *	1.74 *
-7	0.86 *	1.71 *	1.69 *	1.65 *	1.60 *	1.55 *	1.51 *	1.46 *	1.42 *	1.72 *
-9	0.84 *	1.67 *	1.64 *	1.61 *	1.57 *	1.52 *	1.48 *	1.44 *	1.40 *	1.69 *
-11	0.82 *	1.63 *	1.61 *	1.57 *	1.53 *	1.49 *	1.45 *	1.41 *	1.37 *	1.66 *
-13	0.81 *	1.60 *	1.57 *	1.54 *	1.50 *	1.46 *	1.42 *	1.38 *	1.34 *	1.62 *
-15	0.79 *	1.57 *	1.54 *	1.51 *	1.47 *	1.44 *	1.39 *	1.35 *	1.31 *	1.59 *
-17	0.97 *	1.92 *	1.88 *	1.84 *	1.79 *	1.75 *	1.70 *	1.64 *	1.59 *	1.92 *
-19.5	1.12 *	2.22 *	2.17 *	2.12 *	2.07 *	2.01 *	1.96 *	1.90 *	1.84 *	2.21 *
-22.5	1.07 *	2.11 *	2.07 *	2.02 *	1.96 *	1.91 *	1.86 *	1.81 *	1.75 *	2.10 *
-25.5	1.18 *	2.33 *	2.28 *	2.23 *	2.16 *	2.10 *	2.04 *	1.98 *	1.92 *	2.30 *
-29	1.24 *	2.45 *	2.40 *	2.34 *	2.28 *	2.21 *	2.15 *	2.09 *	2.01 *	2.39 *
-33	1.15 *	2.29 *	2.28 *	2.25 *	2.21 *	2.16 *	2.11 *	2.05 *	1.97 *	2.35 *
-37.5	0.99 *	1.99 *	2.00 *	1.99 *	1.98 *	1.96 *	1.92 *	1.87 *	1.81 *	2.16 *
-42.5	0.64 *	1.32 *	1.35 *	1.36 *	1.36 *	1.35 *	1.32 *	1.28 *	1.22 *	1.43 *
-47.5	0.36 *	0.75 *	0.79 *	0.81 *	0.82 *	0.82 *	0.80 *	0.76 *	0.71 *	0.81 *
-55	0.10	0.19	0.19	0.19	0.19	0.18	0.18	0.17	0.17	0.20
-65	0.03	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.05	0.06
-75	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
-85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	37.50	74.33	73.15	71.71	70.08	68.29	66.44	64.50	62.42	74.95

Vert. Horizontal Angles

	<u>19.5</u>	<u>22.5</u>	<u>25.5</u>	<u>29</u>	<u>33</u>	<u>37.5</u>	<u>42.5</u>	<u>47.5</u>	<u>55</u>	<u>65</u>
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
85	0.09	0.08	0.07	0.06	0.04	0.02	0.01	0.01	0.00	0.00
75	0.20	0.18	0.17	0.15	0.12	0.07	0.04	0.04	0.03	0.01
65	1.71 *	1.44 *	1.37	1.24	0.99	0.56	0.22	0.18	0.11	0.02
55	3.41 *	3.02 *	3.06 *	2.98 *	2.67 *	1.88 *	0.84	0.44	0.18	0.03

IES FLOOD REPORT
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LUMENS TABULATION - (Cont.)

47.5										
	3.20 *	2.91 *	3.03 *	3.02 *	2.82 *	2.18 *	1.11 *	0.58	0.18	0.04
42.5	3.66 *	3.34 *	3.46 *	3.41 *	3.16 *	2.54 *	1.41 *	0.76	0.22	0.05
37.5	3.67 *	3.38 *	3.51 *	3.43 *	3.18 *	2.64 *	1.52 *	0.79	0.23	0.07
33	3.56 *	3.31 *	3.46 *	3.35 *	3.10 *	2.65 *	1.62 *	0.86 *	0.23	0.07
29	3.29 *	3.09 *	3.24 *	3.14 *	2.88 *	2.52 *	1.65 *	0.92 *	0.23	0.08
25.5	2.90 *	2.73 *	2.87 *	2.80 *	2.56 *	2.26 *	1.55 *	0.91 *	0.23	0.08
22.5	2.95 *	2.78 *	2.95 *	2.88 *	2.61 *	2.31 *	1.64 *	1.00 *	0.25	0.08
19.5	2.50 *	2.36 *	2.52 *	2.46 *	2.22 *	1.95 *	1.41 *	0.90 *	0.23	0.07
17	2.02 *	1.92 *	2.06 *	2.01 *	1.80 *	1.58 *	1.16 *	0.75 *	0.21	0.06
15	2.03 *	1.93 *	2.08 *	2.04 *	1.83 *	1.60 *	1.17 *	0.77 *	0.22	0.07
13	2.03 *	1.94 *	2.10 *	2.07 *	1.85 *	1.62 *	1.18 *	0.78 *	0.22	0.07
11	2.02 *	1.94 *	2.11 *	2.08 *	1.87 *	1.63 *	1.19 *	0.79 *	0.23	0.07
9	2.01 *	1.94 *	2.12 *	2.09 *	1.88 *	1.63 *	1.20 *	0.79 *	0.23	0.07
7	2.02 *	1.95 *	2.11 *	2.09 *	1.87 *	1.63 *	1.20 *	0.78 *	0.22	0.08
5	2.03 *	1.95 *	2.11 *	2.08 *	1.86 *	1.63 *	1.20 *	0.77 *	0.22	0.08
3	2.05 *	1.96 *	2.10 *	2.06 *	1.84 *	1.62 *	1.19 *	0.75 *	0.21	0.08
1	1.03 *	0.98 *	1.05 *	1.02 *	0.91 *	0.80 *	0.59 *	0.36 *	0.10	0.04
0	1.03 *	0.98 *	1.04 *	1.02 *	0.91 *	0.80 *	0.59 *	0.36 *	0.10	0.04
-1	2.04 *	1.94 *	2.08 *	2.03 *	1.81 *	1.59 *	1.17 *	0.72 *	0.19	0.08
-3	2.02 *	1.92 *	2.06 *	2.01 *	1.80 *	1.58 *	1.16 *	0.71 *	0.19	0.08
-5	2.00 *	1.90 *	2.03 *	1.98 *	1.78 *	1.57 *	1.13 *	0.69 *	0.18	0.07
-7	1.98 *	1.87 *	2.00 *	1.95 *	1.75 *	1.55 *	1.11 *	0.66 *	0.17	0.07
-9	1.95 *	1.84 *	1.96 *	1.90 *	1.72 *	1.52 *	1.07 *	0.63 *	0.16	0.07
-11	1.91 *	1.80 *	1.91 *	1.85 *	1.68 *	1.49 *	1.04 *	0.60 *	0.16	0.06
-13	1.87 *	1.76 *	1.85 *	1.79 *	1.64 *	1.46 *	0.99 *	0.55 *	0.15	0.06
-15	1.82 *	1.71 *	1.79 *	1.73 *	1.59 *	1.42 *	0.94 *	0.51	0.14	0.06
-17	2.20 *	2.05 *	2.15 *	2.09 *	1.93 *	1.71 *	1.08 *	0.56	0.16	0.06
-19.5	2.51 *	2.33 *	2.43 *	2.38 *	2.23 *	1.93 *	1.14 *	0.56	0.17	0.07

IES FLOOD REPORT
PHOTOMETRIC FILENAME : SFLS-WF-LED-PL1-50.IES

LUMENS TABULATION - (Cont.)

-22.5	2.37 *	2.19 *	2.29 *	2.26 *	2.12 *	1.78 *	0.95 *	0.42	0.16	0.06
-25.5	2.58 *	2.37 *	2.49 *	2.46 *	2.30 *	1.84 *	0.89 *	0.37	0.17	0.06
-29	2.68 *	2.46 *	2.58 *	2.56 *	2.35 *	1.75 *	0.77	0.32	0.17	0.05
-33	2.63 *	2.41 *	2.53 *	2.51 *	2.23 *	1.51 *	0.58	0.25	0.15	0.04
-37.5	2.41 *	2.19 *	2.26 *	2.23 *	1.87 *	1.08	0.35	0.19	0.13	0.03
-42.5	1.58 *	1.42 *	1.44 *	1.37 *	1.02	0.47	0.16	0.14	0.09	0.02
-47.5	0.89	0.80	0.81	0.72	0.45	0.19	0.11	0.13	0.09	0.02
-55	0.22	0.20	0.18	0.15	0.11	0.08	0.07	0.08	0.06	0.02
-65	0.07	0.06	0.05	0.05	0.04	0.03	0.02	0.03	0.02	0.00
-75	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00
-85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	85.20	79.34	83.53	81.50	73.39	60.68	38.43	22.39	6.77	2.25

Vert. Angles	Horizontal Angles			
	<u>75</u>	<u>85</u>	<u>90</u>	<u>Total</u>
90	0.00	0.00	0.01	
85	0.00	0.00	1.07	
75	0.00	0.00	2.74	
65	0.00	0.00	22.40	
55	0.00	0.00	46.51	
47.5	0.00	0.00	45.30	
42.5	0.00	0.00	51.89	
37.5	0.00	0.00	51.52	
33	0.00	0.00	49.78	
29	0.00	0.00	46.05	
25.5	0.00	0.00	40.87	
22.5	0.00	0.00	42.10	
19.5	0.00	0.00	35.93	
17	0.00	0.00	29.17	

IES FLOOD REPORT
PHOTOMETRIC FILENAME : SFLS-WF-LED-PL1-50.IES

LUMENS TABULATION - (Cont.)

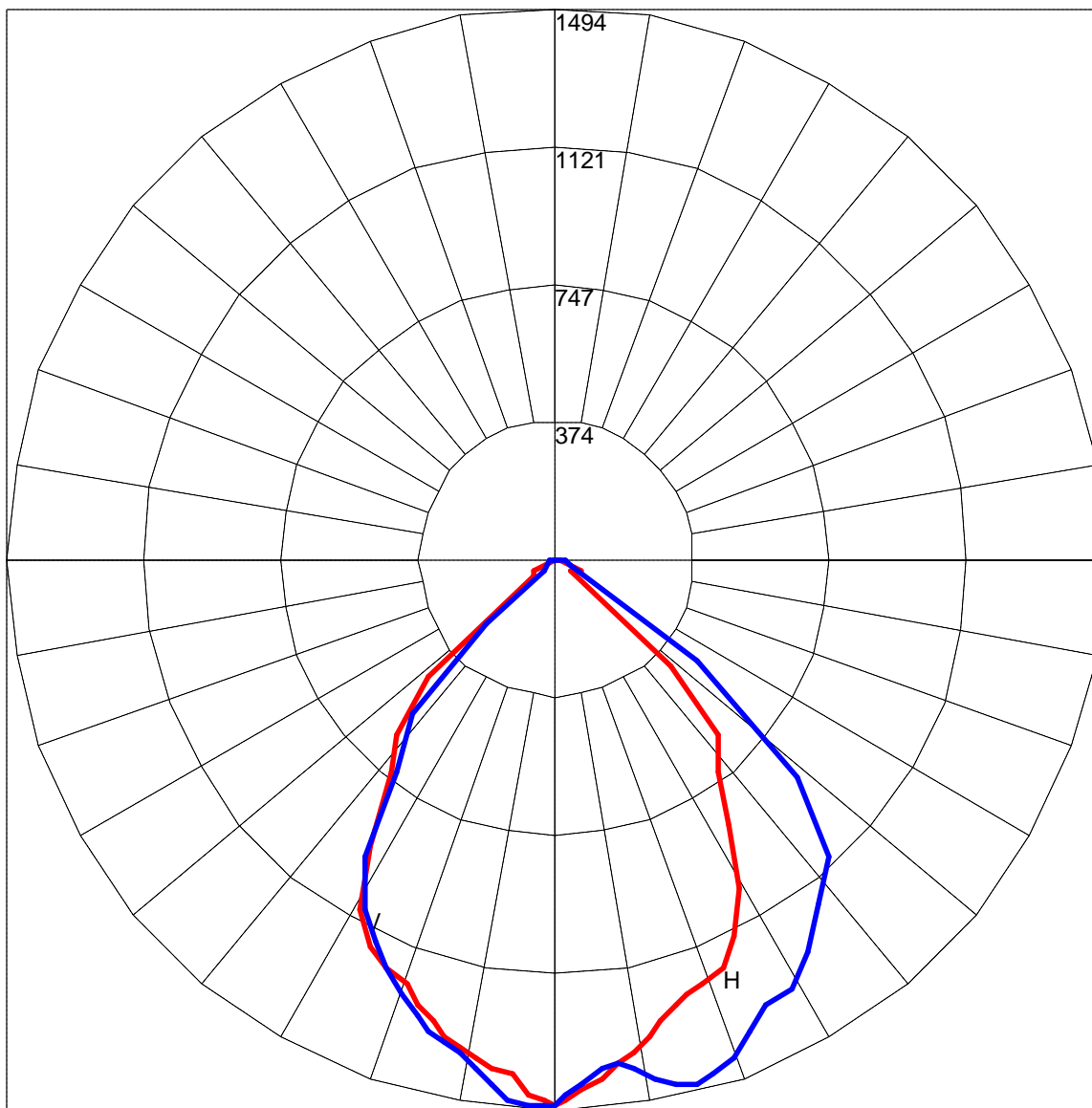
15	0.00	0.00	29.34
13	0.00	0.00	29.30
11	0.00	0.00	29.11
9	0.00	0.00	28.91
7	0.00	0.00	28.83
5	0.00	0.00	28.98
3	0.00	0.00	29.23
1	0.00	0.00	14.70
0	0.00	0.00	14.72
-1	0.00	0.00	29.37
-3	0.00	0.00	29.17
-5	0.00	0.00	28.80
-7	0.00	0.00	28.29
-9	0.00	0.00	27.68
-11	0.00	0.00	27.05
-13	0.00	0.00	26.38
-15	0.00	0.00	25.68
-17	0.00	0.00	31.00
-19.5	0.00	0.00	35.39
-22.5	0.00	0.00	33.27
-25.5	0.00	0.00	36.07
-29	0.00	0.00	37.26
-33	0.00	0.00	35.68
-37.5	0.00	0.00	31.44
-42.5	0.00	0.00	20.34
-47.5	0.00	0.00	11.63
-55	0.00	0.00	2.91
-65	0.00	0.00	0.92

IES FLOOD REPORT
PHOTOMETRIC FILENAME : SFLS-WF-LED-PL1-50.IES

LUMENS TABULATION - (Cont.)

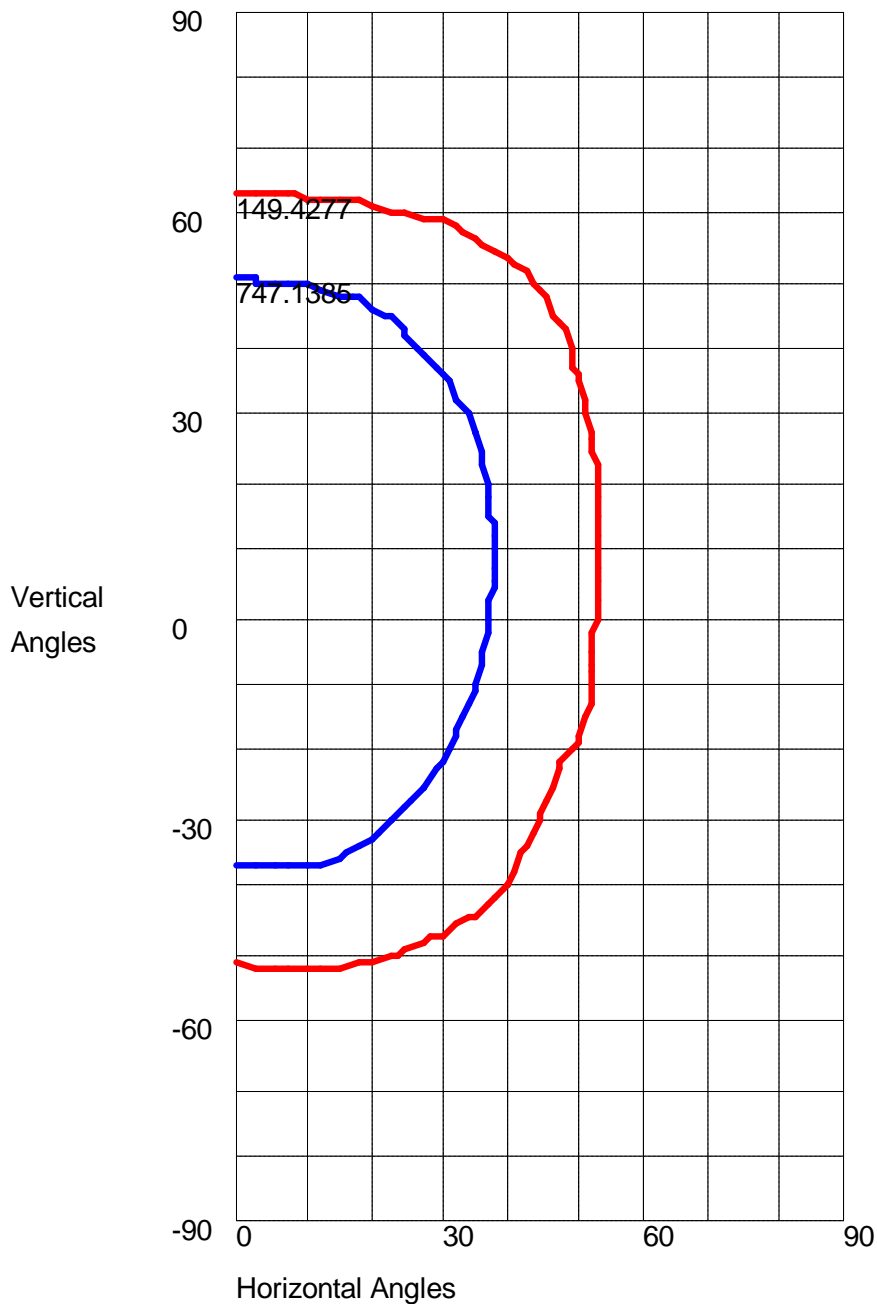
-75	0.00	0.00	0.18
-85	0.00	0.00	0.02
-90			
Total	0.12	0.00	1196.97

AXIAL CANDELA DISPLAY



Maximum Candela = 1494.277 Located At Horizontal Angle =-1, Vertical Angle =-3
H - Horizontal Axial Candela
V - Vertical Axial Candela

ISOCANDELA CURVES



Maximum Candela = 1494.277 Located At Horizontal Angle =-1, Vertical Angle =-3
50% Maximum Candela = 747.1385
10% Maximum Candela = 149.4277