



IES FLOOD REPORT
PHOTOMETRIC FILENAME : LEDWP-600E.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST]
 [TESTLAB] Lisun Group
 [ISSUEDATE] 2014-03-05 09:53
 [MANUFAC] LARSON ELECTRONICS
 [LUMCAT] LEDWP-600E
 [LUMINAIRE] 60 Watt Low Profile LED Flood Light
 [LAMP] (45) LEDs Housed in an Angled Reflector
 [VOLTAGE] 277.1 V
 [CURRENT] 0.205 A
 [POWERFACTOR] 0.924
 [TESTINST] LSG-1600B
 [TESTDIST] 5.914 M

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

CHARACTERISTICS

NEMA Type	7 H x 6 V
Maximum Candela	3727.608
Maximum Candela Angle	3H 0V
Horizontal Beam Angle (50%)	69.9
Vertical Beam Angle (50%)	53.1
Horizontal Field Angle (10%)	149.0
Vertical Field Angle (10%)	119.9
Lumens Per Lamp	5400 (1 lamp)
Total Lamp Lumens	5400
Beam Lumens	2242
Beam Efficiency	42 %
Field Lumens	5103
Field Efficiency	95 %
Spill Lumens	315
Luminaire Lumens	5418
Total Efficiency	100 %
Total Luminaire Watts	60
Ballast Factor	1.00



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AXIAL CANDELA

DEG.	HOR.	DEG.	VERT.
90	21.47	90	11.87
85	51.981	85	14.539
75	395.478	75	25.997
65	528.971	65	99.426
55	926.65	55	597.105
47.5	1240.996	47.5	1140.475
42.5	1444.017	42.5	1224.323
37.5	1673.115	37.5	1341.149
33	2009.415	33	1538.148
29	2295.624	29	1688.528
25.5	2463.63	25.5	1867.546
22.5	2638.314	22.5	2040.181
19.5	2880.11	19.5	2229.837
17	3111.402	17	2405.186
15	3278.669	15	2558.208
13	3421.419	13	2741.921
11	3533.024	11	2961.169
9	3616.59	9	3202.012
7	3673.414	7	3427.582
5	3722.472	5	3574.587
3	3727.608	3	3645.815
1	3702.638	1	3653.592
0	3649.165	0	3649.165
-1	3655.793	-1	3628.182
-3	3598.957	-3	3570.772
-5	3509.081	-5	3472.813
-7	3389.846	-7	3303.639
-9	3275.881	-9	3092.461
-11	3207.894	-11	2893.475
-13	3201.718	-13	2726.061
-15	3189.821	-15	2572.453
-17	3172.494	-17	2443.216
-19.5	3069.332	-19.5	2289.094
-22.5	2856.247	-22.5	2108.168
-25.5	2595.504	-25.5	1923.648
-29	2286.233	-29	1727.743
-33	1992.663	-33	1562.677
-37.5	1694.703	-37.5	1375.216
-42.5	1421.108	-42.5	1254.428
-47.5	1241.429	-47.5	1164.332
-55	916.953	-55	611.791
-65	528.384	-65	107.79
-75	340.99	-75	28.931
-85	44.938	-85	16.153
-90	20.463	-90	10.306

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CANDELA TABULATION

Maximum Candela = 3727.608

Beam Edge = 1863.804 Cd (50% of Max.)

Field Edge = 372.7608 Cd (10% of Max.)

* Indicates Values Inside Field Edge

Vert. Angles	Horizontal Angles									
	<u>-90.0</u>	<u>-85.0</u>	<u>-75.0</u>	<u>-65.0</u>	<u>-55.0</u>	<u>-47.5</u>	<u>-42.5</u>	<u>-37.5</u>	<u>-33.0</u>	<u>-29.0</u>
90.0	20.408	19.696	18.269	17.083	16.622	16.272	15.441	14.015	12.732	11.592
85.0	20.412	21.962	24.020	23.994	20.746	18.231	17.489	17.878	17.164	16.347
75.0	20.422	26.130	35.188	50.527	61.112	58.738	51.213	51.477	50.087	47.576
65.0	20.431	29.155	55.257	133.887	188.655	204.079	213.095	227.684	227.129	215.897
55.0	20.439	29.591	97.541	264.487	358.247	414.668 *	447.172 *	473.552 *	471.321 *	488.664 *
47.5	20.445	32.552	146.805	347.096	449.023 *	508.145 *	559.815 *	645.648 *	740.685 *	789.300 *
42.5	20.448	34.926	179.198	394.779 *	495.232 *	586.532 *	711.898 *	833.447 *	874.942 *	927.246 *
37.5	20.451	37.350	213.805	424.158 *	523.253 *	709.733 *	855.094 *	928.404 *	982.661 *	1035.172 *
33.0	20.454	38.651	242.245	444.404 *	576.551 *	819.392 *	937.613 *	1023.073 *	1089.193 *	1181.776 *
29.0	20.456	39.901	265.419	457.729 *	636.729 *	899.041 *	1015.217 *	1105.858 *	1215.568 *	1372.073 *
25.5	20.457	40.900	282.867	470.071 *	686.350 *	954.936 *	1076.276 *	1185.720 *	1339.938 *	1510.850 *
22.5	20.459	41.682	296.695	480.695 *	729.224 *	1002.386 *	1124.460 *	1258.222 *	1453.018 *	1633.448 *
19.5	20.460	42.391	308.058	495.761 *	767.830 *	1046.267 *	1176.200 *	1326.382 *	1557.226 *	1748.147 *
17.0	20.461	42.922	315.135	506.324 *	797.868 *	1078.683 *	1220.193 *	1390.473 *	1649.446 *	1847.331 *
15.0	20.461	43.307	320.151	511.619 *	820.814 *	1102.933 *	1250.955 *	1444.221 *	1718.259 *	1932.914 *
13.0	20.462	43.655	324.607	514.014 *	843.263 *	1126.756 *	1281.706 *	1494.249 *	1773.935 *	2011.138 *
11.0	20.462	44.619	328.516	516.582 *	859.131 *	1149.456 *	1308.278 *	1539.471 *	1826.470 *	2063.403 *
9.0	20.463	44.677	331.893	519.205 *	874.313 *	1170.466 *	1335.149 *	1580.575 *	1878.986 *	2112.554 *
7.0	20.463	44.734	334.756	521.763 *	887.611 *	1189.679 *	1359.144 *	1619.342 *	1911.970 *	2160.629 *
5.0	20.463	44.792	338.511	524.132 *	898.860 *	1207.175 *	1380.342 *	1646.382 *	1943.203 *	2204.574 *
3.0	20.463	44.851	339.501	526.833 *	910.748 *	1222.669 *	1398.779 *	1670.526 *	1967.970 *	2242.769 *
1.0	20.463	44.909	340.493	527.867 *	914.883 *	1235.828 *	1414.385 *	1688.204 *	1986.956 *	2274.946 *
0.0	20.463	44.938	340.990	528.384 *	916.953 *	1241.429 *	1421.108 *	1694.703 *	1992.663 *	2286.233 *
-1.0	20.463	44.938	340.079	527.976 *	914.947 *	1236.128 *	1416.236 *	1691.336 *	1987.941 *	2270.590 *
-3.0	20.463	44.907	338.258	527.162 *	910.940 *	1223.506 *	1404.221 *	1680.059 *	1971.044 *	2230.051 *
-5.0	20.463	44.887	336.441	524.669 *	898.998 *	1208.365 *	1389.049 *	1662.728 *	1948.676 *	2184.407 *
-7.0	20.463	44.866	331.817	522.499 *	887.562 *	1190.919 *	1370.578 *	1642.962 *	1920.351 *	2134.504 *
-9.0	20.463	44.846	328.085	520.123 *	873.838 *	1171.873 *	1349.260 *	1609.811 *	1890.741 *	2082.071 *
-11.0	20.462	44.826	323.815	517.663 *	857.929 *	1151.513 *	1324.783 *	1573.695 *	1847.773 *	2030.142 *
-13.0	20.462	43.865	318.987	515.235 *	841.040 *	1129.658 *	1300.341 *	1531.860 *	1805.861 *	1984.172 *
-15.0	20.462	43.536	313.580	512.950 *	817.929 *	1105.930 *	1267.530 *	1483.539 *	1759.622 *	1932.676 *
-17.0	20.461	43.165	307.578	508.006 *	794.218 *	1080.851 *	1234.268 *	1435.903 *	1698.199 *	1871.103 *
-19.5	20.460	42.642	299.212	498.222 *	763.062 *	1046.812 *	1187.574 *	1373.315 *	1615.707 *	1782.438 *
-22.5	20.459	41.929	286.440	484.330 *	722.866 *	1001.873 *	1136.012 *	1299.200 *	1504.638 *	1685.997 *
-25.5	20.458	41.125	271.398	476.539 *	681.486 *	952.019 *	1082.961 *	1221.699 *	1395.858 *	1573.723 *
-29.0	20.457	40.076	252.603	465.707 *	634.776 *	893.957 *	1026.345 *	1132.851 *	1272.562 *	1422.647 *
-33.0	20.455	38.736	227.786	448.604 *	581.328 *	814.642 *	959.022 *	1039.138 *	1129.834 *	1250.572 *
-37.5	20.452	37.311	197.989	419.810 *	533.966 *	710.279 *	849.761 *	968.386 *	1005.874 *	1081.211 *
-42.5	20.449	34.771	164.463	382.272 *	498.450 *	595.886 *	713.056 *	826.958 *	928.617 *	959.272 *
-47.5	20.446	32.264	135.712	332.663	448.955 *	516.640 *	577.049 *	666.754 *	720.783 *	786.575 *
-55.0	20.440	29.059	91.360	227.901	340.911	395.044 *	437.791 *	474.905 *	471.271 *	477.327 *
-65.0	20.432	28.252	52.600	109.751	162.415	187.427	185.476	200.096	197.009	185.674
-75.0	20.423	25.411	34.758	45.987	54.572	59.785	54.900	55.030	48.486	41.319
-85.0	20.414	21.657	21.795	19.528	19.895	17.391	14.711	13.518	13.600	13.786
-90.0	20.409	19.630	18.069	16.664	15.739	15.040	14.319	13.346	12.471	11.694

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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	10.595	9.740	10.025	10.262	10.452	10.641	10.831	11.020	11.209	11.398
85.0	15.522	14.736	14.531	14.419	14.364	14.336	14.251	14.303	14.356	14.408
75.0	45.045	41.538	40.742	40.185	39.357	38.226	36.828	35.199	33.375	31.569
65.0	199.135	181.074	169.495	167.306	163.914	159.601	153.742	146.455	137.865	128.100
55.0	510.563 *	535.486 *	554.085 *	565.021 *	574.654 *	585.601 *	590.106 *	595.153 *	599.161 *	601.587 *
47.5	828.400 *	865.377 *	904.632 *	931.161 *	947.556 *	968.951 *	993.138 *	1020.536 *	1050.088 *	1078.730 *
42.5	959.878 *	989.904 *	1039.194 *	1093.471 *	1140.183 *	1182.157 *	1199.414 *	1215.308 *	1225.410 *	1229.647 *
37.5	1123.487 *	1214.000 *	1293.592 *	1345.103 *	1372.967 *	1389.492 *	1390.076 *	1384.196 *	1375.970 *	1368.167 *
33.0	1313.107 *	1411.976 *	1470.392 *	1506.302 *	1538.751 *	1565.752 *	1580.203 *	1587.418 *	1579.148 *	1569.234 *
29.0	1484.052 *	1560.794 *	1623.415 *	1650.999 *	1665.659 *	1679.079 *	1691.130 *	1703.535 *	1710.062 *	1711.009 *
25.5	1616.898 *	1681.607 *	1738.310 *	1778.312 *	1807.795 *	1834.387 *	1855.843 *	1873.433 *	1885.605 *	1890.170 *
22.5	1738.588 *	1801.681 *	1854.303 *	1910.393 *	1946.492 *	1981.740 *	2008.330 *	2028.975 *	2046.260 *	2056.982 *
19.5	1869.628 *	1934.778 *	1990.815 *	2042.588 *	2088.930 *	2134.966 *	2171.926 *	2198.378 *	2219.362 *	2236.554 *
17.0	1973.833 *	2059.849 *	2128.105 *	2168.612 *	2220.554 *	2275.103 *	2317.198 *	2348.743 *	2368.628 *	2395.529 *
15.0	2058.974 *	2161.504 *	2244.126 *	2305.048 *	2344.887 *	2386.329 *	2436.964 *	2476.008 *	2506.500 *	2536.154 *
13.0	2149.589 *	2267.951 *	2372.158 *	2445.415 *	2484.722 *	2507.788 *	2557.746 *	2612.103 *	2662.111 *	2706.854 *
11.0	2238.484 *	2374.148 *	2501.429 *	2587.358 *	2638.099 *	2665.832 *	2690.570 *	2759.229 *	2829.649 *	2909.939 *
9.0	2312.881 *	2479.616 *	2630.881 *	2733.476 *	2785.843 *	2820.431 *	2853.236 *	2897.140 *	2992.602 *	3094.198 *
7.0	2385.714 *	2576.365 *	2748.559 *	2868.966 *	2925.834 *	2958.371 *	2982.341 *	3032.179 *	3127.548 *	3246.702 *
5.0	2455.261 *	2669.553 *	2855.332 *	2971.222 *	3027.053 *	3059.818 *	3072.604 *	3122.954 *	3227.306 *	3346.561 *
3.0	2518.489 *	2751.171 *	2949.861 *	3059.139 *	3099.210 *	3119.319 *	3131.549 *	3189.357 *	3285.102 *	3404.939 *
1.0	2572.717 *	2824.328 *	3032.313 *	3137.843 *	3161.388 *	3175.365 *	3184.486 *	3254.909 *	3366.294 *	3477.420 *
0.0	2595.504 *	2856.247 *	3069.332 *	3172.494 *	3189.821 *	3201.718 *	3207.894 *	3275.881 *	3389.846 *	3509.081 *
-1.0	2566.793 *	2818.855 *	3029.970 *	3139.633 *	3164.892 *	3179.655 *	3188.203 *	3258.029 *	3368.620 *	3485.961 *
-3.0	2500.419 *	2734.449 *	2941.891 *	3062.974 *	3110.269 *	3131.824 *	3143.366 *	3201.079 *	3293.981 *	3408.235 *
-5.0	2424.166 *	2640.778 *	2839.038 *	2973.264 *	3046.968 *	3079.594 *	3093.023 *	3135.099 *	3224.188 *	3329.642 *
-7.0	2342.189 *	2535.953 *	2719.864 *	2864.352 *	2947.814 *	2986.034 *	3011.364 *	3049.622 *	3121.017 *	3171.840 *
-9.0	2257.335 *	2427.422 *	2594.453 *	2732.492 *	2807.945 *	2860.956 *	2891.428 *	2932.461 *	2969.115 *	2992.698 *
-11.0	2177.075 *	2326.657 *	2478.513 *	2593.695 *	2663.624 *	2709.558 *	2743.444 *	2785.704 *	2814.087 *	2825.801 *
-13.0	2105.280 *	2231.182 *	2365.641 *	2461.047 *	2520.264 *	2555.476 *	2603.555 *	2643.759 *	2661.483 *	2670.652 *
-15.0	2036.507 *	2143.364 *	2254.157 *	2336.692 *	2391.619 *	2433.804 *	2476.177 *	2505.567 *	2521.273 *	2541.498 *
-17.0	1972.393 *	2061.264 *	2147.506 *	2216.006 *	2271.332 *	2318.099 *	2354.019 *	2379.054 *	2389.369 *	2418.669 *
-19.5	1889.724 *	1963.244 *	2033.703 *	2085.912 *	2134.549 *	2177.388 *	2206.981 *	2226.121 *	2246.423 *	2272.341 *
-22.5	1778.336 *	1849.780 *	1907.816 *	1951.098 *	1983.445 *	2009.851 *	2038.178 *	2054.084 *	2080.360 *	2101.570 *
-25.5	1667.611 *	1727.792 *	1782.741 *	1815.688 *	1839.425 *	1860.721 *	1877.777 *	1895.818 *	1912.864 *	1924.591 *
-29.0	1548.050 *	1607.454 *	1648.238 *	1675.160 *	1688.883 *	1693.517 *	1695.294 *	1716.353 *	1730.385 *	1737.947 *
-33.0	1372.542 *	1454.634 *	1501.169 *	1521.855 *	1541.881 *	1558.141 *	1578.191 *	1592.503 *	1591.640 *	1586.791 *
-37.5	1171.778 *	1267.897 *	1346.086 *	1392.360 *	1420.506 *	1424.798 *	1417.774 *	1406.261 *	1394.032 *	1390.158 *
-42.5	1016.776 *	1061.895 *	1087.044 *	1134.162 *	1175.093 *	1212.677 *	1232.667 *	1249.451 *	1258.861 *	1262.528 *
-47.5	832.075 *	871.529 *	913.633 *	953.143 *	995.969 *	1032.288 *	1060.422 *	1086.232 *	1107.585 *	1125.715 *
-55.0	495.264 *	511.166 *	520.210 *	535.089 *	549.987 *	565.156 *	575.655 *	586.796 *	596.672 *	604.629 *
-65.0	166.257	145.153	134.231	136.758	136.832	135.362	133.104	130.083	126.325	121.858
-75.0	34.449	26.937	25.525	26.511	27.177	27.737	28.192	28.545	28.798	29.235
-85.0	13.987	14.176	14.548	14.836	15.048	15.245	15.649	15.741	15.832	15.924
-90.0	11.015	10.433	10.416	10.402	10.390	10.379	10.368	10.357	10.345	10.334

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	11.587	11.776	11.870	11.774	11.582	11.390	11.198	11.006	10.814	10.621
85.0	14.460	14.513	14.539	14.565	14.618	14.670	14.722	14.775	14.827	14.929
75.0	29.340	27.112	25.997	26.700	28.105	29.510	30.406	31.310	31.966	32.325
65.0	118.153	105.669	99.426	105.662	118.131	128.126	137.985	146.751	154.321	160.590

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CANDELA TABULATION - (Cont.)

55.0	605.516	* 599.910	* 597.105	* 602.268	* 612.589	* 613.468	* 615.914	* 616.893	* 616.983	* 617.755	*
47.5	1105.225	*1129.359	*1140.475	*1131.835	*1112.934	*1092.503	*1071.297	*1048.856	*1026.758	*1007.294	*
42.5	1230.134	*1227.092	*1224.323	*1229.576	*1237.736	*1242.812	*1244.870	*1239.250	*1226.475	*1211.595	*
37.5	1360.716	*1349.088	*1341.149	*1346.266	*1352.186	*1353.738	*1355.433	*1358.827	*1360.443	*1362.858	*
33.0	1557.567	*1544.798	*1538.148	*1544.067	*1554.282	*1560.562	*1560.412	*1554.187	*1533.022	*1510.291	*
29.0	1706.375	*1696.697	*1688.528	*1697.304	*1707.711	*1711.823	*1708.307	*1699.343	*1687.261	*1689.997	*
25.5	1886.929	*1875.940	*1867.546	*1879.288	*1896.569	*1904.911	*1902.949	*1890.198	*1878.492	*1872.030	*
22.5	2056.814	*2048.196	*2040.181	*2053.924	*2073.738	*2084.382	*2081.922	*2070.643	*2064.863	*2050.723	*
19.5	2242.289	*2237.048	*2229.837	*2245.009	*2265.310	*2272.670	*2268.205	*2263.449	*2253.174	*2230.215	*
17.0	2410.729	*2413.035	*2405.186	*2423.427	*2441.639	*2446.196	*2437.237	*2440.961	*2427.280	*2396.604	*
15.0	2560.068	*2566.644	*2558.208	*2580.896	*2602.352	*2605.146	*2600.145	*2597.501	*2578.406	*2540.083	*
13.0	2741.090	*2752.287	*2741.921	*2771.692	*2796.287	*2790.295	*2789.130	*2777.661	*2740.323	*2694.286	*
11.0	2954.920	*2974.236	*2961.169	*2996.273	*3019.197	*3019.938	*3002.188	*2970.617	*2922.716	*2869.130	*
9.0	3175.290	*3211.361	*3202.012	*3240.326	*3260.718	*3249.071	*3213.266	*3162.079	*3106.214	*3045.479	*
7.0	3358.254	*3423.697	*3427.582	*3460.087	*3468.590	*3448.690	*3406.082	*3339.610	*3269.686	*3201.567	*
5.0	3468.838	*3555.735	*3574.587	*3604.007	*3613.615	*3599.898	*3548.673	*3485.294	*3413.395	*3321.579	*
3.0	3514.352	*3613.958	*3645.815	*3667.951	*3696.688	*3683.844	*3648.102	*3576.575	*3481.779	*3372.289	*
1.0	3542.251	*3603.161	*3653.592	*3694.840	*3725.892	*3721.583	*3673.044	*3611.293	*3523.480	*3411.824	*
0.0	3598.957	*3655.793	*3649.165	*3702.638	*3727.608	*3722.472	*3673.414	*3616.590	*3533.024	*3421.419	*
-1.0	3567.662	*3622.712	*3628.182	*3632.527	*3661.917	*3684.478	*3651.343	*3598.734	*3518.525	*3410.865	*
-3.0	3503.397	*3545.250	*3570.772	*3582.164	*3611.226	*3611.118	*3589.875	*3545.760	*3470.857	*3370.996	*
-5.0	3384.257	*3452.853	*3472.813	*3492.995	*3506.549	*3536.474	*3503.218	*3460.431	*3407.812	*3323.766	*
-7.0	3210.645	*3290.660	*3303.639	*3333.270	*3343.746	*3372.758	*3382.131	*3339.243	*3287.969	*3222.655	*
-9.0	3026.861	*3085.977	*3092.461	*3126.952	*3145.186	*3168.993	*3192.940	*3203.852	*3159.934	*3097.729	*
-11.0	2858.157	*2892.282	*2893.475	*2922.881	*2944.609	*2958.839	*2999.421	*3022.264	*3009.789	*2946.269	*
-13.0	2706.524	*2727.624	*2726.061	*2749.750	*2770.026	*2768.273	*2807.364	*2830.589	*2821.539	*2775.038	*
-15.0	2564.805	*2576.255	*2572.453	*2592.725	*2611.784	*2612.814	*2626.229	*2649.686	*2642.620	*2612.364	*
-17.0	2438.518	*2447.097	*2443.216	*2459.628	*2475.437	*2478.178	*2470.511	*2491.009	*2488.728	*2463.780	*
-19.5	2287.735	*2291.568	*2289.094	*2302.199	*2319.517	*2325.216	*2321.670	*2322.838	*2316.832	*2292.382	*
-22.5	2110.228	*2111.319	*2108.168	*2120.993	*2138.730	*2147.459	*2143.987	*2133.874	*2125.222	*2104.035	*
-25.5	1930.722	*1928.201	*1923.648	*1935.608	*1952.606	*1959.963	*1958.050	*1946.368	*1929.507	*1914.359	*
-29.0	1738.759	*1733.772	*1727.743	*1736.370	*1746.520	*1750.781	*1748.148	*1737.942	*1718.555	*1717.788	*
-33.0	1578.343	*1567.936	*1562.677	*1569.099	*1581.558	*1591.354	*1596.384	*1596.310	*1580.018	*1559.338	*
-37.5	1387.173	*1380.541	*1375.216	*1380.493	*1386.650	*1388.032	*1388.969	*1389.604	*1384.236	*1371.274	*
-42.5	1262.038	*1257.808	*1254.428	*1256.070	*1256.973	*1254.577	*1248.751	*1237.386	*1219.161	*1198.148	*
-47.5	1142.728	*1157.792	*1164.332	*1153.037	*1128.445	*1101.852	*1074.056	*1046.622	*1021.593	*999.788	*
-55.0	614.395	* 612.659	* 611.791	* 614.962	* 621.301	* 615.990	* 612.371	* 606.630	* 599.367	* 592.486	*
-65.0	117.402	110.994	107.790	114.963	129.305	141.474	153.483	164.481	174.357	183.002	
-75.0	29.113	28.992	28.931	29.897	31.829	33.761	34.922	36.240	37.326	38.147	
-85.0	16.016	16.107	16.153	16.245	16.428	16.611	16.794	16.978	17.161	17.185	
-90.0	10.323	10.312	10.306	10.508	10.911	11.314	11.717	12.120	12.523	12.926	

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	10.429	10.237	9.997	9.708	10.255	10.893	11.622	12.442	13.353	14.721
85.0	15.016	15.115	15.259	15.477	16.123	16.795	17.432	17.976	18.158	19.841
75.0	32.340	31.964	30.877	32.318	40.665	47.768	53.421	56.575	56.222	67.232
65.0	165.463	168.975	170.703	182.996	202.789	217.016	222.590	231.431	220.522	214.115
55.0	611.994	* 607.618	* 599.710	* 582.958	* 562.523	* 541.129	* 529.365	* 528.757	* 478.419	* 429.943
47.5	982.315	* 952.253	* 916.553	* 877.321	* 844.644	* 825.677	* 799.778	* 728.680	* 630.832	* 565.455
42.5	1172.767	*1120.596	*1050.573	*1002.595	*980.163	* 936.198	* 904.073	* 886.404	* 781.414	* 654.196
37.5	1357.622	*1337.850	*1301.699	*1228.224	*1128.053	*1027.207	*982.325	* 953.805	* 917.079	* 777.494
33.0	1505.675	*1495.560	*1466.241	*1399.203	*1299.695	*1172.429	*1090.890	*1038.346	*983.216	* 893.453
29.0	1688.408	*1675.705	*1642.320	*1602.372	*1515.634	*1371.455	*1228.638	*1126.019	*1047.345	*968.794
25.5	1858.952	*1839.246	*1808.419	*1752.362	*1681.508	*1554.324	*1362.434	*1218.956	*1112.031	*1013.513

IES FLOOD REPORT
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CANDELA TABULATION - (Cont.)

22.5	2028.185	*2001.188	*1960.900	*1899.287	*1817.407	*1697.191	*1490.632	*1300.725	*1171.749	*1048.610 *
19.5	2198.018	*2163.949	*2116.963	*2053.880	*1964.271	*1821.867	*1615.814	*1381.621	*1216.963	*1084.403 *
17.0	2350.283	*2300.854	*2249.910	*2175.797	*2089.181	*1934.539	*1707.877	*1445.415	*1259.559	*1111.713 *
15.0	2495.076	*2429.302	*2356.610	*2272.729	*2179.652	*2023.437	*1779.723	*1490.722	*1291.299	*1131.652 *
13.0	2640.415	*2565.729	*2469.532	*2368.572	*2264.116	*2108.553	*1836.180	*1533.422	*1323.687	*1151.471 *
11.0	2803.161	*2712.305	*2588.078	*2461.097	*2338.856	*2161.129	*1884.046	*1570.402	*1347.860	*1170.519 *
9.0	2969.263	*2863.925	*2706.997	*2533.066	*2379.606	*2201.622	*1929.304	*1602.910	*1372.390	*1187.353 *
7.0	3127.516	*3005.348	*2783.808	*2572.588	*2412.299	*2234.039	*1956.357	*1631.567	*1393.928	*1202.546 *
5.0	3208.607	*3058.264	*2834.307	*2604.865	*2436.162	*2259.575	*1981.312	*1648.474	*1411.806	*1216.330 *
3.0	3246.104	*3092.645	*2866.092	*2626.398	*2452.871	*2279.338	*1998.546	*1663.072	*1426.756	*1227.964 *
1.0	3274.535	*3112.661	*2879.956	*2637.240	*2461.914	*2293.223	*2008.842	*1671.382	*1438.924	*1237.270 *
0.0	3278.669	*3111.402	*2880.110	*2638.314	*2463.630	*2295.624	*2009.415	*1673.115	*1444.017	*1240.996 *
-1.0	3274.876	*3116.242	*2887.379	*2643.494	*2466.258	*2295.813	*2008.962	*1672.274	*1440.704	*1237.989 *
-3.0	3248.809	*3104.750	*2889.338	*2645.111	*2465.720	*2286.672	*1999.045	*1665.616	*1432.069	*1230.017 *
-5.0	3217.810	*3082.248	*2875.378	*2635.888	*2456.981	*2270.515	*1982.544	*1652.278	*1420.572	*1219.402 *
-7.0	3153.431	*3046.360	*2841.619	*2611.355	*2441.805	*2246.730	*1958.910	*1636.163	*1406.016	*1206.119 *
-9.0	3020.108	*2922.723	*2772.175	*2577.147	*2418.452	*2213.057	*1933.728	*1610.225	*1387.136	*1191.263 *
-11.0	2868.833	*2782.966	*2649.125	*2509.922	*2380.435	*2167.206	*1888.071	*1581.157	*1364.590	*1174.904 *
-13.0	2714.292	*2635.166	*2528.161	*2414.218	*2300.697	*2110.544	*1841.391	*1548.983	*1341.962	*1156.107 *
-15.0	2566.507	*2495.132	*2409.390	*2317.421	*2210.138	*2029.990	*1792.087	*1512.567	*1313.774	*1135.617 *
-17.0	2417.334	*2358.872	*2296.836	*2214.321	*2113.548	*1950.724	*1727.885	*1473.688	*1285.319	*1113.920 *
-19.5	2255.797	*2212.412	*2156.415	*2087.738	*1992.690	*1849.350	*1637.228	*1418.119	*1242.301	*1084.590 *
-22.5	2076.142	*2041.906	*1997.631	*1941.671	*1861.766	*1732.510	*1523.625	*1337.830	*1196.152	*1044.865 *
-25.5	1896.862	*1877.201	*1852.009	*1811.002	*1734.099	*1594.258	*1410.279	*1250.455	*1123.260	*1002.588 *
-29.0	1721.523	*1720.467	*1699.119	*1653.830	*1567.975	*1430.816	*1268.685	*1157.554	*1052.778	*945.734 *
-33.0	1550.731	*1538.442	*1508.641	*1439.245	*1351.784	*1214.591	*1124.724	*1052.683	*973.761 *	864.207 *
-37.5	1351.214	*1340.777	*1309.349	*1237.028	*1144.182	*1057.272	*999.046 *	956.035 *	892.334 *	758.471 *
-42.5	1156.430	*1109.734	*1049.836	*1004.144	*980.980 *	943.391 *	891.671 *	862.754 *	780.008 *	641.689 *
-47.5	971.531 *	938.254 *	906.242 *	868.593 *	833.519 *	805.795 *	795.243 *	743.670 *	635.245 *	534.494 *
-55.0	585.264 *	579.554 *	574.419 *	569.774 *	562.435 *	548.027 *	526.080 *	501.944 *	468.116 *	432.372 *
-65.0	190.314	195.378	198.173	208.369	227.880	246.558	263.020	271.080	262.790	233.165
-75.0	38.674	38.877	38.631	39.866	46.839	52.288	57.593	60.245	60.398	67.796
-85.0	17.344	17.513	17.741	18.039	18.292	18.620	19.059	19.639	19.697	20.993
-90.0	13.329	13.733	14.236	14.841	14.920	15.012	15.117	15.235	15.366	15.873

**Vert.
Angles**

Horizontal Angles

	<u>55.0</u>	<u>65.0</u>	<u>75.0</u>	<u>85.0</u>	<u>90.0</u>
90.0	17.456	21.105	21.828	21.568	21.436
85.0	23.909	27.697	24.118	22.586	21.439
75.0	67.374	54.963	36.237	25.525	21.445
65.0	213.451	144.841	63.551	29.949	21.450
55.0	364.162	302.302	112.726	33.933	21.455
47.5	463.656 *	365.167	160.200	37.056	21.459
42.5	521.969 *	399.331 *	197.711	39.097	21.461
37.5	576.074 *	426.796 *	239.692	41.248	21.463
33.0	642.189 *	447.497 *	272.858	43.244	21.464
29.0	694.475 *	465.210 *	299.823	45.109	21.466
25.5	743.232 *	477.719 *	321.168	46.567	21.467
22.5	779.453 *	486.154 *	338.398	47.685	21.467
19.5	818.580 *	500.276 *	352.242	48.678	21.468
17.0	845.941 *	509.988 *	360.544	49.408	21.468
15.0	864.422 *	515.101 *	366.641	49.929	21.469
13.0	881.557 *	517.941 *	372.237	50.391	21.469
11.0	893.901 *	520.632 *	377.318 *	51.682	21.469
9.0	905.013 *	523.093 *	381.871 *	51.736	21.469

IES FLOOD REPORT
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CANDELA TABULATION - (Cont.)

7.0	913.840 *	525.237 *	385.883 *	51.790	21.470
5.0	920.370 *	526.977 *	391.173 *	51.844	21.470
3.0	927.170 *	528.980 *	392.893 *	51.899	21.470
1.0	926.824 *	528.974 *	394.616 *	51.981	21.470
0.0	926.650 *	528.971 *	395.478 *	51.981	21.470
-1.0	925.841 *	528.947 *	394.504 *	51.935	21.470
-3.0	924.225 *	528.898 *	392.557 *	51.844	21.470
-5.0	915.272 *	526.439 *	390.615 *	51.753	21.470
-7.0	906.454 *	523.948 *	385.180 *	51.662	21.470
-9.0	895.097 *	520.522 *	381.035 *	51.572	21.469
-11.0	881.147 *	516.106 *	376.398 *	51.482	21.469
-13.0	865.669 *	510.649 *	371.293	50.170	21.469
-15.0	846.834 *	504.103 *	365.742	49.680	21.469
-17.0	826.903 *	497.587 *	359.770	49.134	21.468
-19.5	797.963 *	489.274 *	351.749	48.376	21.468
-22.5	757.231 *	478.297 *	337.029	47.356	21.467
-25.5	715.322 *	468.516 *	317.285	46.220	21.466
-29.0	665.912 *	455.766 *	291.996	44.751	21.465
-33.0	604.609 *	439.923 *	259.877	42.891	21.464
-37.5	545.632 *	416.344 *	222.076	40.910	21.462
-42.5	519.066 *	388.983 *	186.389	38.785	21.460
-47.5	452.648 *	356.186	151.197	36.782	21.458
-55.0	366.147	300.994	106.737	33.711	21.455
-65.0	220.319	125.578	57.217	29.660	21.449
-75.0	65.813	45.959	34.763	25.858	21.444
-85.0	24.293	26.728	25.148	22.526	21.438
-90.0	17.196	18.957	20.076	20.982	21.435

IES FLOOD REPORT
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LUMEN TABULATION

Average Of Right And Left Sides

Total Luminaire Lumens (one side of beam only) = 2708.88

Total Field Lumens (one side of beam only) = 2551.56

* 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	0.02	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05
75	0.06	0.13	0.13	0.14	0.14	0.15	0.15	0.15	0.15	0.18
65	0.20	0.43	0.46	0.50	0.53	0.55	0.57	0.59	0.59	0.74
55	1.07	2.18	2.22	2.24 *	2.26 *	2.27 *	2.26 *	2.25 *	2.21 *	2.71 *
47.5	1.98 *	3.94 *	3.89 *	3.82 *	3.74 *	3.66 *	3.58 *	3.49 *	3.39 *	4.09 *
42.5	1.80 *	3.58 *	3.54 *	3.50 *	3.44 *	3.36 *	3.28 *	3.18 *	3.05 *	3.62 *
37.5	1.96 *	3.93 *	3.94 *	3.94 *	3.92 *	3.89 *	3.84 *	3.76 *	3.64 *	4.33 *
33	1.98 *	3.98 *	3.99 *	4.00 *	3.99 *	3.96 *	3.92 *	3.86 *	3.77 *	4.56 *
29	1.97 *	3.96 *	3.97 *	3.97 *	3.95 *	3.91 *	3.85 *	3.80 *	3.73 *	4.53 *
25.5	1.90 *	3.82 *	3.83 *	3.82 *	3.79 *	3.75 *	3.70 *	3.65 *	3.58 *	4.35 *
22.5	1.79 *	3.60 *	3.61 *	3.60 *	3.57 *	3.53 *	3.47 *	3.41 *	3.33 *	4.04 *
19.5	1.96 *	3.93 *	3.94 *	3.92 *	3.89 *	3.84 *	3.78 *	3.69 *	3.60 *	4.35 *
17	1.77 *	3.55 *	3.55 *	3.53 *	3.50 *	3.45 *	3.39 *	3.31 *	3.21 *	3.88 *
15	1.52 *	3.04 *	3.04 *	3.01 *	2.98 *	2.94 *	2.88 *	2.81 *	2.73 *	3.29 *
13	1.62 *	3.25 *	3.24 *	3.21 *	3.17 *	3.12 *	3.05 *	2.97 *	2.89 *	3.47 *
11	1.74 *	3.50 *	3.49 *	3.44 *	3.38 *	3.30 *	3.23 *	3.15 *	3.06 *	3.66 *
9	1.88 *	3.78 *	3.75 *	3.68 *	3.59 *	3.50 *	3.42 *	3.34 *	3.23 *	3.86 *
7	2.03 *	4.05 *	4.00 *	3.90 *	3.80 *	3.70 *	3.61 *	3.52 *	3.41 *	4.04 *
5	2.14 *	4.25 *	4.19 *	4.08 *	3.96 *	3.86 *	3.77 *	3.67 *	3.54 *	4.18 *
3	2.20 *	4.37 *	4.30 *	4.20 *	4.08 *	3.97 *	3.87 *	3.76 *	3.63 *	4.28 *
1	2.22 *	4.42 *	4.37 *	4.28 *	4.16 *	4.04 *	3.93 *	3.82 *	3.69 *	4.36 *
0	1.11 *	2.23 *	2.20 *	2.16 *	2.10 *	2.04 *	1.99 *	1.93 *	1.86 *	2.21 *
-1	1.11 *	2.22 *	2.20 *	2.16 *	2.10 *	2.04 *	1.99 *	1.93 *	1.86 *	2.21 *
-3	2.19 *	4.37 *	4.34 *	4.26 *	4.15 *	4.04 *	3.94 *	3.83 *	3.69 *	4.37 *
	2.14 *	4.27 *	4.24 *	4.16 *	4.07 *	3.97 *	3.88 *	3.77 *	3.64 *	4.30 *

IES FLOOD REPORT
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LUMENS TABULATION - (Cont.)

-5	2.07 *	4.11 *	4.08 *	4.04 *	3.95 *	3.87 *	3.79 *	3.69 *	3.56 *	4.20 *
-7	1.95 *	3.89 *	3.86 *	3.84 *	3.80 *	3.73 *	3.65 *	3.56 *	3.44 *	4.07 *
-9	1.83 *	3.65 *	3.63 *	3.62 *	3.61 *	3.56 *	3.49 *	3.40 *	3.28 *	3.89 *
-11	1.72 *	3.44 *	3.42 *	3.41 *	3.40 *	3.37 *	3.30 *	3.21 *	3.11 *	3.71 *
-13	1.62 *	3.24 *	3.23 *	3.21 *	3.20 *	3.18 *	3.12 *	3.04 *	2.95 *	3.52 *
-15	1.53 *	3.07 *	3.06 *	3.04 *	3.02 *	3.00 *	2.95 *	2.88 *	2.79 *	3.35 *
-17	1.81 *	3.62 *	3.61 *	3.58 *	3.55 *	3.52 *	3.47 *	3.39 *	3.29 *	3.96 *
-19.5	2.01 *	4.04 *	4.03 *	4.01 *	3.97 *	3.92 *	3.86 *	3.78 *	3.68 *	4.44 *
-22.5	1.85 *	3.71 *	3.71 *	3.69 *	3.65 *	3.60 *	3.54 *	3.48 *	3.40 *	4.13 *
-25.5	1.95 *	3.92 *	3.92 *	3.90 *	3.87 *	3.81 *	3.76 *	3.71 *	3.65 *	4.45 *
-29	2.01 *	4.03 *	4.05 *	4.04 *	4.01 *	3.96 *	3.90 *	3.85 *	3.79 *	4.63 *
-33	2.02 *	4.05 *	4.06 *	4.06 *	4.06 *	4.03 *	3.98 *	3.92 *	3.84 *	4.66 *
-37.5	2.01 *	4.02 *	4.02 *	4.01 *	3.99 *	3.95 *	3.90 *	3.81 *	3.69 *	4.42 *
-42.5	1.84 *	3.66 *	3.62 *	3.57 *	3.51 *	3.43 *	3.34 *	3.23 *	3.09 *	3.66 *
-47.5	2.02 *	4.02 *	3.96 *	3.88 *	3.80 *	3.70 *	3.60 *	3.49 *	3.35 *	4.01 *
-55	1.10	2.23	2.25 *	2.25 *	2.24 *	2.23 *	2.20 *	2.17 *	2.13 *	2.60 *
-65	0.21	0.45	0.48	0.51	0.53	0.55	0.56	0.57	0.58	0.72
-75	0.07	0.14	0.14	0.15	0.15	0.15	0.15	0.15	0.14	0.18
-85	0.02	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05
-90										
Total	69.98	140.17	139.68	138.43	136.65	134.48	131.98	129.01	125.30	150.30

Vert. Angles 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	0.05	0.05	0.06	0.07	0.08	0.09	0.09	0.13	0.16	0.12
85	0.22	0.23	0.29	0.35	0.39	0.42	0.41	0.60	0.63	0.36
75	0.91	0.97	1.20	1.41	1.57	1.62	1.46	1.92	1.74	0.75
65	3.17 *	3.09 *	3.48 *	3.80 *	4.07 *	4.11	3.53	4.26	3.75	1.53
55	4.67 *	4.39 *	4.79 *	5.08 *	5.16 *	4.91 *	4.07 *	4.76 *	4.16 *	1.75
47.5	4.08 *	3.83 *	4.20 *	4.44 *	4.49 *	4.21 *	3.36 *	3.79 *	3.27 *	1.42

IES FLOOD REPORT
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LUMENS TABULATION - (Cont.)

42.5	4.86 *	4.50 *	4.81 *	5.01 *	5.14 *	5.01 *	4.03 *	4.33 *	3.58 *	1.61
37.5	5.18 *	4.75 *	4.95 *	5.03 *	5.09 *	5.01 *	4.17 *	4.44 *	3.47 *	1.59
33	5.19 *	4.84 *	5.07 *	5.08 *	4.99 *	4.83 *	4.07 *	4.38 *	3.32 *	1.51
29	5.00 *	4.71 *	5.02 *	5.00 *	4.79 *	4.54 *	3.81 *	4.12 *	3.08 *	1.38 *
25.5	4.64 *	4.38 *	4.71 *	4.72 *	4.45 *	4.13 *	3.43 *	3.73 *	2.77 *	1.23 *
22.5	4.99 *	4.72 *	5.08 *	5.10 *	4.78 *	4.35 *	3.58 *	3.90 *	2.89 *	1.27 *
19.5	4.45 *	4.21 *	4.52 *	4.53 *	4.22 *	3.80 *	3.09 *	3.37 *	2.49 *	1.09 *
17	3.76 *	3.54 *	3.80 *	3.81 *	3.53 *	3.15 *	2.54 *	2.77 *	2.04 *	0.89 *
15	3.95 *	3.70 *	3.96 *	3.96 *	3.66 *	3.24 *	2.60 *	2.83 *	2.08 *	0.90 *
13	4.14 *	3.85 *	4.11 *	4.09 *	3.77 *	3.32 *	2.65 *	2.89 *	2.11 *	0.90 *
11	4.32 *	3.99 *	4.22 *	4.19 *	3.86 *	3.40 *	2.70 *	2.93 *	2.13 *	0.91 *
9	4.49 *	4.10 *	4.31 *	4.28 *	3.95 *	3.47 *	2.75 *	2.98 *	2.16 *	0.92 *
7	4.62 *	4.20 *	4.39 *	4.35 *	4.01 *	3.53 *	2.79 *	3.01 *	2.17 *	0.92 *
5	4.73 *	4.28 *	4.47 *	4.41 *	4.06 *	3.57 *	2.82 *	3.05 *	2.19 *	0.93 *
3	4.81 *	4.35 *	4.52 *	4.45 *	4.10 *	3.61 *	2.85 *	3.07 *	2.20 *	0.93 *
1	2.43 *	2.20 *	2.28 *	2.24 *	2.06 *	1.81 *	1.44 *	1.54 *	1.10 *	0.47 *
0	2.43 *	2.20 *	2.28 *	2.24 *	2.06 *	1.82 *	1.44 *	1.54 *	1.10 *	0.47 *
-1	4.82 *	4.35 *	4.52 *	4.45 *	4.11 *	3.62 *	2.86 *	3.07 *	2.20 *	0.93 *
-3	4.73 *	4.28 *	4.46 *	4.40 *	4.07 *	3.59 *	2.83 *	3.05 *	2.19 *	0.93 *
-5	4.63 *	4.19 *	4.38 *	4.35 *	4.03 *	3.55 *	2.80 *	3.01 *	2.17 *	0.92 *
-7	4.50 *	4.09 *	4.30 *	4.28 *	3.97 *	3.50 *	2.77 *	2.97 *	2.15 *	0.91 *
-9	4.34 *	3.98 *	4.20 *	4.19 *	3.90 *	3.44 *	2.72 *	2.93 *	2.12 *	0.91 *
-11	4.16 *	3.85 *	4.09 *	4.09 *	3.81 *	3.37 *	2.68 *	2.88 *	2.09 *	0.90 *
-13	3.98 *	3.71 *	3.96 *	3.98 *	3.71 *	3.30 *	2.62 *	2.82 *	2.06 *	0.89 *
-15	3.81 *	3.56 *	3.82 *	3.85 *	3.60 *	3.21 *	2.57 *	2.76 *	2.02 *	0.88 *
-17	4.52 *	4.25 *	4.57 *	4.61 *	4.33 *	3.88 *	3.12 *	3.35 *	2.46 *	1.08 *
-19.5	5.10 *	4.81 *	5.18 *	5.22 *	4.91 *	4.46 *	3.61 *	3.87 *	2.85 *	1.26 *
-22.5	4.76 *	4.50 *	4.84 *	4.86 *	4.59 *	4.22 *	3.45 *	3.69 *	2.73 *	1.22 *

IES FLOOD REPORT
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LUMENS TABULATION - (Cont.)

-25.5	5.14 *	4.86 *	5.20 *	5.19 *	4.95 *	4.62 *	3.81 *	4.06 *	3.04 *	1.37 *
-29	5.34 *	5.01 *	5.29 *	5.28 *	5.14 *	4.90 *	4.05 *	4.29 *	3.27 *	1.48
-33	5.31 *	4.90 *	5.14 *	5.21 *	5.21 *	5.05 *	4.13 *	4.35 *	3.41 *	1.54
-37.5	4.99 *	4.64 *	4.95 *	5.13 *	5.20 *	4.99 *	4.00 *	4.29 *	3.52 *	1.55
-42.5	4.14 *	3.90 *	4.24 *	4.46 *	4.50 *	4.23 *	3.36 *	3.76 *	3.21 *	1.36
-47.5	4.59 *	4.34 *	4.75 *	5.02 *	5.14 *	4.93 *	4.03 *	4.67 *	4.03	1.66
-55	3.05 *	3.01 *	3.45 *	3.80 *	4.06 *	4.09 *	3.50	4.18	3.53	1.39
-65	0.87	0.93	1.19	1.43	1.61	1.68	1.50	1.88	1.58	0.66
-75	0.21	0.22	0.28	0.35	0.40	0.43	0.42	0.59	0.58	0.33
-85	0.06	0.06	0.07	0.08	0.09	0.09	0.09	0.13	0.15	0.11
-90										
Total	170.13	158.51	169.39	171.86	165.65	153.08	124.64	136.95	105.95	46.10

Vert. Angles	Horizontal Angles			
	<u>75</u>	<u>85</u>	<u>90</u>	<u>Total</u>
90	0.06	0.01		1.36
85	0.14	0.01		5.44
75	0.20	0.02		18.91
65	0.30	0.02		56.79
55	0.32	0.01		79.65
47.5	0.27	0.01		69.73
42.5	0.32	0.01		80.36
37.5	0.34	0.01		82.03
33	0.33	0.01		81.26
29	0.31	0.01		77.98
25.5	0.28	0.01		72.43
22.5	0.29	0.01		77.85
19.5	0.25	0.01		69.17
17	0.20	0.00		58.29
15	0.21	0.00		61.07

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LUMENS TABULATION - (Cont.)

13			
	0.21	0.00	63.99
11			
	0.21	0.00	66.93
9			
	0.21	0.00	69.66
7			
	0.22	0.00	71.85
5			
	0.22	0.00	73.40
3			
	0.22	0.00	74.44
1			
	0.11	0.00	37.51
0			
	0.11	0.00	37.50
-1			
	0.22	0.00	74.32
-3			
	0.22	0.00	73.20
-5			
	0.22	0.00	71.61
-7			
	0.21	0.00	69.46
-9			
	0.21	0.00	66.91
-11			
	0.21	0.00	64.21
-13			
	0.21	0.00	61.55
-15			
	0.20	0.00	58.96
-17			
	0.25	0.01	70.22
-19.5			
	0.29	0.01	79.29
-22.5			
	0.28	0.01	73.88
-25.5			
	0.30	0.01	79.47
-29			
	0.32	0.01	82.65
-33			
	0.32	0.01	83.26
-37.5			
	0.30	0.01	81.38
-42.5			
	0.26	0.01	70.38
-47.5			
	0.31	0.01	79.33
-55			
	0.28	0.02	55.78
-65			
	0.19	0.02	18.69
-75			
	0.14	0.01	5.38

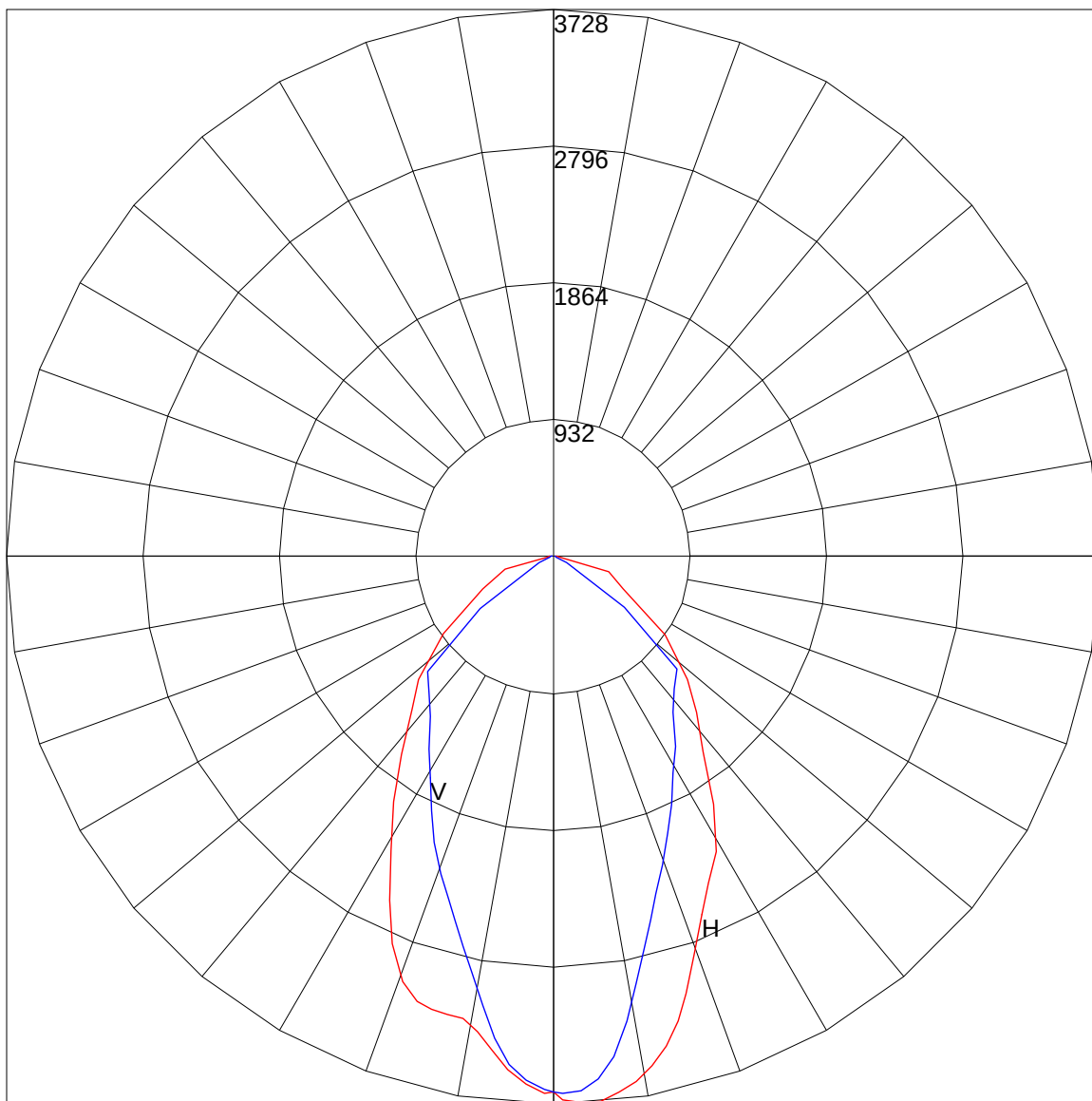
IES FLOOD REPORT
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LUMENS TABULATION - (Cont.)

-85	0.06	0.01	1.39
-90			
Total	10.32	0.34	2708.88

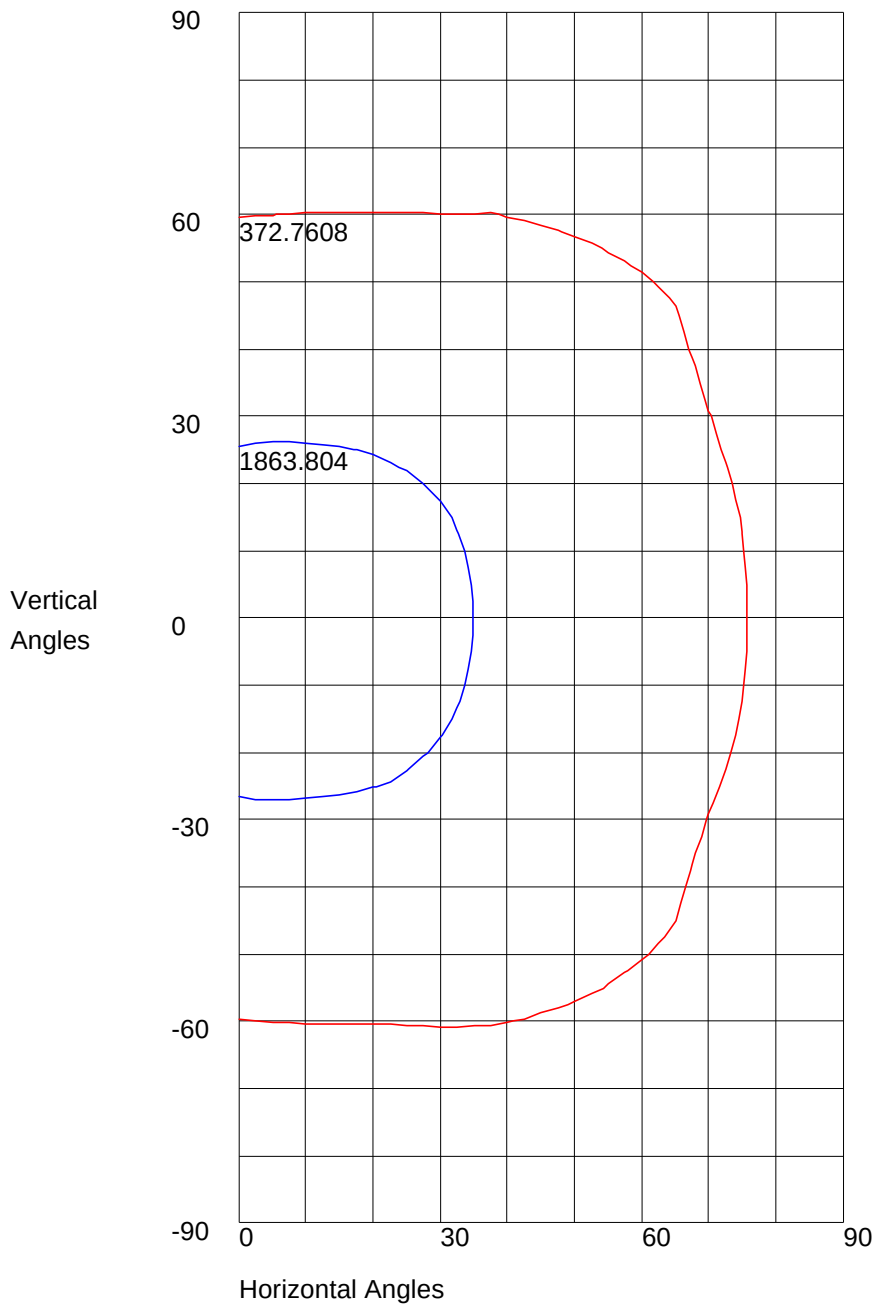
IES FLOOD REPORT
PHOTOMETRIC FILENAME : LEDWP-600E.IES

AXIAL CANDELA DISPLAY



Maximum Candela = 3727.608 Located At Horizontal Angle = 3, Vertical Angle = 0
H - Horizontal Axial Candela
V - Vertical Axial Candela

ISOCANDELA CURVES



Maximum Candela = 3727.608 Located At Horizontal Angle = 3, Vertical Angle = 0
50% Maximum Candela = 1863.804
10% Maximum Candela = 372.7608