



IES FLOOD REPORT

PHOTOMETRIC FILENAME : TMFL-LED-07L-W-40.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] 3528

[TESTLAB] TUV SUD America

[TESTDATE] 9/18/2018 3:33:53 PM

[ISSUEDATE] 01/07/2019

[MANUFAC] LSI INDUSTRIES, INC

[LUMCAT] TMFL-LED-07L-W-40

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

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

[OTHER] SCALED FROM ORIGINAL TEST DATA

[SEARCH_SOURCETYPE] LED

[SEARCH_APPLICATION] Outdoor

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

CHARACTERISTICS

NEMA Type	7 H x 7 V
Maximum Candela	2814.044
Maximum Candela Angle	0H 3V
Horizontal Beam Angle (50%)	109.3
Vertical Beam Angle (50%)	101.7
Horizontal Field Angle (10%)	146.7
Vertical Field Angle (10%)	135.9
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	5459
Beam Efficiency	N.A.
Field Lumens	6894
Field Efficiency	N.A.
Spill Lumens	106
Luminaire Lumens	7000
Total Efficiency	N.A.
Total Luminaire Watts	61.33
Ballast Factor	1.00

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AXIAL CANDELA

DEG.	HOR.	DEG.	VERT.
90	.004	90	0
85	2.712	85	0
75	189.351	75	0
65	759.062	65	75.497
55	1387.704	55	993.134
47.5	1777.214	47.5	1574.92
42.5	2004.921	42.5	1799.489
37.5	2198.279	37.5	2064.155
33	2340.226	33	2299.757
29	2452.043	29	2467.547
25.5	2533.977	25.5	2584.044
22.5	2593.041	22.5	2638.38
19.5	2645.454	19.5	2686.508
17	2684.316	17	2721.591
15	2713.139	15	2743.459
13	2736.059	13	2757.141
11	2755.063	11	2768.796
9	2770.81	9	2781.77
7	2784.189	7	2796.087
5	2796.317	5	2808.441
3	2805.959	3	2814.044
1	2809.566	1	2812.396
0	2810.364	0	2810.364
-1	2809.566	-1	2805.709
-3	2805.959	-3	2797.123
-5	2796.317	-5	2790.711
-7	2784.189	-7	2780.461
-9	2770.81	-9	2765.535
-11	2755.063	-11	2746.112
-13	2736.059	-13	2722.985
-15	2713.139	-15	2697.563
-17	2684.316	-17	2672.749
-19.5	2645.454	-19.5	2635.487
-22.5	2593.041	-22.5	2580.492
-25.5	2533.977	-25.5	2517.714
-29	2452.043	-29	2430.027
-33	2340.226	-33	2313.377
-37.5	2198.279	-37.5	2174.213
-42.5	2004.921	-42.5	1996.845
-47.5	1777.214	-47.5	1711.574
-55	1387.704	-55	1211.834
-65	759.062	-65	743.558
-75	189.351	-75	174.676
-85	2.712	-85	9.139
-90	.004	-90	.029

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CANDELA TABULATION

Maximum Candela = 2814.044

Beam Edge = 1407.022 Cd (50% of Max.)

Field Edge = 281.4044 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	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
85.0	0.000	0.141	0.181	0.000	0.010	0.006	0.000	0.000	0.000	0.000
75.0	0.001	0.423	0.741	0.685	2.258	1.997	1.210	1.456	1.498	1.940
65.0	0.002	0.703	3.241	12.534	50.713	72.499	81.357	110.566	134.625	146.928
55.0	0.002	1.056	12.692	89.169	258.430	405.214 *	521.245 *	631.873 *	737.567 *	804.595 *
47.5	0.003	1.369	25.352	197.301	497.708 *	751.518 *	967.879 *	1139.048 *	1219.764 *	1306.339 *
42.5	0.003	1.568	44.286	282.991 *	667.400 *	1002.570 *	1200.987 *	1357.650 *	1483.274 *	1583.967 *
37.5	0.003	1.759	62.548	370.938 *	839.084 *	1207.054 *	1398.591 *	1569.099 *	1710.890 *	1820.155 *
33.0	0.004	1.921	78.753	445.978 *	969.152 *	1354.117 *	1559.864 *	1741.199 *	1893.432 *	2015.430 *
29.0	0.004	2.057	99.263	507.821 *	1068.374 *	1475.414 *	1687.433 *	1872.764 *	2025.936 *	2147.578 *
25.5	0.004	2.169	115.881	561.458 *	1144.798 *	1564.351 *	1781.298 *	1969.248 *	2116.745 *	2229.966 *
22.5	0.004	2.259	129.055	597.032 *	1202.437 *	1620.510 *	1851.412 *	2037.716 *	2180.191 *	2290.317 *
19.5	0.004	2.343	141.167	633.344 *	1251.838 *	1669.147 *	1898.379 *	2092.524 *	2232.273 *	2339.597 *
17.0	0.004	2.408	150.400	660.263 *	1286.147 *	1702.107 *	1931.126 *	2125.964 *	2266.226 *	2372.526 *
15.0	0.004	2.456	157.196	679.567 *	1310.018 *	1722.656 *	1951.827 *	2147.184 *	2287.784 *	2395.008 *
13.0	0.004	2.502	163.443	696.858 *	1330.690 *	1740.121 *	1968.991 *	2163.380 *	2304.596 *	2412.808 *
11.0	0.004	2.603	169.122	712.115 *	1348.156 *	1754.464 *	1983.237 *	2176.923 *	2318.174 *	2427.316 *
9.0	0.004	2.623	174.213	725.320 *	1362.421 *	1765.662 *	1994.452 *	2187.672 *	2328.813 *	2439.065 *
7.0	0.004	2.643	178.698	736.458 *	1373.501 *	1773.704 *	2002.532 *	2195.496 *	2336.666 *	2447.315 *
5.0	0.004	2.662	184.663	745.519 *	1381.425 *	1778.596 *	2007.384 *	2200.276 *	2341.583 *	2452.347 *
3.0	0.004	2.682	186.536	754.841 *	1389.613 *	1783.778 *	2012.758 *	2201.909 *	2343.433 *	2454.554 *
1.0	0.004	2.702	188.412	757.654 *	1388.341 *	1779.404 *	2007.537 *	2200.723 *	2342.107 *	2453.693 *
0.0	0.004	2.712	189.351	759.062 *	1387.704 *	1777.214 *	2004.921 *	2198.279 *	2340.226 *	2452.043 *
-1.0	0.004	2.712	189.777	760.357 *	1388.655 *	1777.218 *	2004.908 *	2198.083 *	2339.428 *	2450.798 *
-3.0	0.004	2.780	190.629	762.946 *	1390.554 *	1777.226 *	2004.881 *	2193.966 *	2335.395 *	2445.834 *
-5.0	0.004	2.825	191.479	759.011 *	1383.307 *	1767.869 *	1994.118 *	2186.979 *	2328.183 *	2437.696 *
-7.0	0.004	2.870	188.125	755.315 *	1376.553 *	1758.958 *	1983.803 *	2176.756 *	2317.899 *	2426.565 *
-9.0	0.004	2.915	186.226	749.511 *	1367.052 *	1747.165 *	1970.108 *	2163.371 *	2304.670 *	2412.310 *
-11.0	0.004	2.960	183.640	741.599 *	1354.885 *	1732.552 *	1953.088 *	2146.913 *	2288.647 *	2394.959 *
-13.0	0.004	2.907	180.369	731.587 *	1340.136 *	1715.192 *	1932.813 *	2127.490 *	2269.516 *	2375.031 *
-15.0	0.004	2.917	176.417	719.483 *	1322.896 *	1695.166 *	1909.370 *	2105.222 *	2246.633 *	2351.694 *
-17.0	0.004	2.921	171.788	705.302 *	1303.256 *	1672.561 *	1882.932 *	2078.113 *	2220.444 *	2323.932 *
-19.5	0.004	2.917	165.059	684.683 *	1275.476 *	1639.727 *	1846.204 *	2040.153 *	2182.965 *	2285.728 *
-22.5	0.004	2.899	155.618	655.761 *	1236.049 *	1595.027 *	1796.908 *	1987.231 *	2128.671 *	2233.231 *
-25.5	0.004	2.865	144.714	627.367 *	1190.859 *	1545.868 *	1741.844 *	1924.702 *	2067.515 *	2173.673 *
-29.0	0.004	2.807	130.184	579.472 *	1132.173 *	1477.116 *	1669.685 *	1845.391 *	1987.479 *	2095.002 *
-33.0	0.004	2.713	111.266	523.135 *	1053.252 *	1381.772 *	1572.549 *	1743.858 *	1882.613 *	1986.076 *
-37.5	0.003	2.573	95.291	454.352 *	949.203 *	1255.717 *	1439.924 *	1611.635 *	1745.649 *	1845.482 *
-42.5	0.003	2.374	75.681	376.238 *	810.925 *	1080.733 *	1255.389 *	1427.242 *	1559.418 *	1646.301 *
-47.5	0.003	2.131	53.728	297.218 *	661.448 *	900.156 *	1045.140 *	1199.125 *	1313.270 *	1393.136 *
-55.0	0.002	1.689	34.260	185.965	439.642 *	635.045 *	742.451 *	839.477 *	933.222 *	1002.991 *
-65.0	0.002	1.150	14.145	72.422	185.925	300.658 *	376.130 *	441.213 *	498.053 *	546.689 *
-75.0	0.001	0.715	4.430	18.354	38.825	57.433	76.598	89.691	98.762	114.728
-85.0	0.000	0.243	1.084	2.368	4.171	5.300	5.912	6.502	6.941	7.266
-90.0	0.000	0.000	0.002	0.005	0.008	0.011	0.013	0.016	0.018	0.020

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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	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
85.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
75.0	1.757	1.232	1.051	0.998	0.931	0.845	0.743	0.627	0.500	0.370
65.0	148.183	151.367	158.616	165.106	165.579	162.252	155.504	145.732	133.342	118.755
55.0	852.370 *	893.259 *	921.782 *	928.299 *	937.384 *	948.453 *	960.458 *	972.310 *	982.886 *	991.035 *
47.5	1404.391	*1454.038	*1496.618	*1522.435	*1534.557	*1546.057	*1556.578	*1565.642	*1572.753	*1577.407 *
42.5	1653.640	*1698.593	*1733.784	*1755.284	*1769.682	*1785.929	*1798.499	*1807.317	*1812.325	*1813.485 *
37.5	1891.725	*1939.425	*1978.308	*2006.823	*2026.819	*2044.956	*2060.620	*2071.986	*2078.817	*2080.900 *
33.0	2086.549	*2137.570	*2184.676	*2219.625	*2245.666	*2270.219	*2286.315	*2297.522	*2305.392	*2309.445 *
29.0	2228.974	*2282.116	*2332.365	*2368.995	*2396.716	*2418.435	*2437.599	*2450.960	*2460.754	*2467.136 *
25.5	2317.758	*2380.684	*2429.174	*2465.636	*2491.102	*2514.492	*2536.852	*2552.861	*2564.883	*2574.401 *
22.5	2376.204	*2440.906	*2493.114	*2528.149	*2553.879	*2577.376	*2599.355	*2616.055	*2626.680	*2633.988 *
19.5	2423.821	*2486.900	*2539.978	*2576.267	*2601.929	*2624.536	*2645.135	*2661.939	*2674.352	*2681.606 *
17.0	2456.516	*2517.123	*2569.298	*2607.013	*2633.895	*2656.021	*2676.669	*2693.052	*2706.725	*2714.670 *
15.0	2477.230	*2537.196	*2589.212	*2627.687	*2654.180	*2678.040	*2697.396	*2714.462	*2727.562	*2736.663 *
13.0	2494.418	*2553.965	*2605.695	*2643.895	*2671.875	*2695.922	*2715.606	*2731.670	*2745.574	*2755.113 *
11.0	2509.221	*2568.111	*2619.703	*2658.452	*2686.013	*2710.191	*2729.864	*2745.819	*2759.148	*2769.427 *
9.0	2520.358	*2578.476	*2630.198	*2669.548	*2698.355	*2720.946	*2740.494	*2757.233	*2769.789	*2779.608 *
7.0	2528.477	*2586.780	*2638.842	*2678.350	*2705.915	*2729.402	*2748.587	*2764.819	*2778.971	*2788.562 *
5.0	2533.772	*2592.357	*2644.987	*2684.669	*2711.455	*2734.284	*2753.776	*2770.255	*2784.205	*2796.059 *
3.0	2536.125	*2594.988	*2647.611	*2686.997	*2714.503	*2737.172	*2756.333	*2772.744	*2787.250	*2797.970 *
1.0	2535.456	*2594.904	*2646.960	*2685.985	*2714.926	*2737.235	*2756.253	*2772.256	*2785.969	*2798.002 *
0.0	2533.977	*2593.041	*2645.454	*2684.316	*2713.139	*2736.059	*2755.063	*2770.810	*2784.189	*2796.317 *
-1.0	2532.653	*2592.373	*2644.328	*2682.865	*2711.387	*2733.503	*2752.586	*2768.734	*2782.549	*2794.922 *
-3.0	2527.691	*2587.293	*2639.786	*2677.715	*2704.001	*2725.977	*2745.108	*2761.967	*2776.719	*2788.154 *
-5.0	2519.630	*2579.259	*2632.091	*2669.490	*2694.308	*2715.633	*2735.189	*2753.957	*2769.044	*2780.805 *
-7.0	2508.501	*2567.893	*2620.606	*2657.780	*2683.106	*2705.601	*2725.639	*2743.596	*2759.323	*2768.306 *
-9.0	2494.388	*2553.303	*2606.072	*2643.734	*2670.696	*2692.447	*2712.401	*2730.503	*2743.016	*2753.125 *
-11.0	2476.992	*2535.543	*2588.305	*2626.422	*2652.594	*2676.080	*2695.683	*2711.422	*2723.873	*2732.880 *
-13.0	2454.687	*2513.832	*2565.923	*2603.947	*2631.513	*2654.845	*2674.379	*2689.622	*2702.159	*2710.717 *
-15.0	2429.791	*2489.263	*2540.627	*2579.190	*2605.093	*2629.298	*2648.432	*2664.867	*2676.267	*2686.324 *
-17.0	2402.000	*2461.092	*2511.964	*2548.969	*2576.289	*2598.760	*2619.377	*2634.836	*2646.990	*2659.262 *
-19.5	2362.439	*2420.662	*2471.611	*2508.047	*2533.905	*2556.452	*2576.328	*2592.110	*2606.621	*2619.954 *
-22.5	2308.956	*2365.494	*2415.639	*2451.845	*2476.990	*2498.872	*2517.990	*2533.052	*2549.762	*2562.996 *
-25.5	2249.415	*2303.961	*2351.914	*2387.687	*2412.228	*2433.664	*2452.502	*2469.789	*2486.055	*2499.218 *
-29.0	2169.621	*2223.466	*2269.819	*2302.722	*2326.321	*2346.714	*2365.261	*2384.647	*2400.500	*2412.887 *
-33.0	2059.982	*2115.209	*2163.152	*2195.256	*2217.412	*2236.954	*2256.453	*2273.461	*2287.655	*2298.897 *
-37.5	1920.775	*1975.797	*2021.881	*2054.335	*2077.067	*2098.110	*2118.084	*2135.157	*2149.243	*2160.274 *
-42.5	1717.470	*1776.590	*1827.121	*1866.357	*1891.617	*1915.103	*1935.987	*1954.093	*1969.252	*1981.300 *
-47.5	1451.437	*1498.366	*1543.397	*1577.519	*1607.656	*1634.484	*1657.714	*1677.122	*1692.490	*1703.611 *
-55.0	1051.086	*1080.468	*1101.159	*1125.886	*1146.286	*1163.791	*1178.456	*1190.347	*1199.541	*1206.127 *
-65.0	591.734 *	615.813 *	642.117 *	663.843 *	679.410 *	693.345 *	705.637 *	716.274 *	725.250 *	732.561 *
-75.0	125.878	133.356	143.162	151.120	156.663	161.471	165.539	168.866	171.452	175.593
-85.0	7.505	7.678	7.896	8.074	8.213	8.349	8.548	8.655	8.763	8.870
-90.0	0.022	0.023	0.024	0.025	0.025	0.026	0.027	0.027	0.027	0.028
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	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
85.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
75.0	0.222	0.074	0.000	0.074	0.222	0.370	0.500	0.627	0.743	0.845
65.0	103.399	84.799	75.497	84.799	103.399	118.755	133.342	145.732	155.504	162.252

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CANDELA TABULATION - (Cont.)

55.0	1002.261	*996.177	*993.134	*996.177	*1002.261	*991.035	*982.886	*972.310	*960.458	*948.453
47.5	1583.568	*1577.805	*1574.920	*1577.805	*1583.568	*1577.407	*1572.753	*1565.642	*1556.578	*1546.057
42.5	1815.075	*1804.689	*1799.489	*1804.689	*1815.075	*1813.485	*1812.325	*1807.317	*1798.499	*1785.929
37.5	2078.044	*2070.744	*2064.155	*2070.744	*2078.044	*2080.900	*2078.817	*2071.986	*2060.620	*2044.956
33.0	2309.198	*2304.187	*2299.757	*2304.187	*2309.198	*2309.445	*2305.392	*2297.522	*2286.315	*2270.219
29.0	2470.338	*2469.612	*2467.547	*2469.612	*2470.338	*2467.136	*2460.754	*2450.960	*2437.599	*2418.435
25.5	2580.927	*2583.972	*2584.044	*2583.972	*2580.927	*2574.401	*2564.883	*2552.861	*2536.852	*2514.492
22.5	2638.039	*2639.336	*2638.380	*2639.336	*2638.039	*2633.988	*2626.680	*2616.058	*2599.355	*2577.376
19.5	2685.575	*2686.876	*2686.508	*2686.876	*2685.575	*2681.606	*2674.352	*2661.939	*2645.135	*2624.536
17.0	2719.584	*2721.554	*2721.591	*2721.554	*2719.584	*2714.670	*2706.725	*2693.052	*2676.669	*2656.021
15.0	2741.528	*2743.896	*2743.459	*2743.896	*2741.528	*2736.663	*2727.562	*2714.462	*2697.396	*2678.040
13.0	2758.038	*2758.068	*2757.141	*2758.068	*2758.038	*2755.113	*2745.574	*2731.670	*2715.606	*2695.922
11.0	2771.842	*2770.380	*2768.796	*2770.380	*2771.842	*2769.427	*2759.148	*2745.819	*2729.864	*2710.191
9.0	2784.317	*2783.229	*2781.770	*2783.229	*2784.317	*2779.608	*2769.789	*2757.233	*2740.494	*2720.946
7.0	2795.733	*2796.579	*2796.087	*2796.579	*2795.733	*2788.562	*2778.971	*2764.819	*2748.587	*2729.402
5.0	2802.738	*2807.631	*2808.441	*2807.631	*2802.738	*2796.059	*2784.205	*2770.255	*2753.776	*2734.284
3.0	2807.282	*2811.258	*2814.044	*2811.258	*2807.273	*2797.970	*2787.250	*2772.744	*2756.333	*2737.172
1.0	2805.632	*2811.034	*2812.396	*2811.033	*2805.632	*2798.002	*2785.969	*2772.256	*2756.253	*2737.235
0.0	2805.959	*2809.566	*2810.364	*2809.566	*2805.959	*2796.317	*2784.189	*2770.810	*2755.063	*2736.059
-1.0	2801.730	*2805.904	*2805.709	*2805.904	*2801.730	*2794.922	*2782.549	*2768.734	*2752.586	*2733.503
-3.0	2795.700	*2795.233	*2797.123	*2795.233	*2795.698	*2788.154	*2776.719	*2761.967	*2745.108	*2725.977
-5.0	2785.324	*2789.315	*2790.711	*2789.315	*2785.324	*2780.805	*2769.044	*2753.957	*2735.189	*2715.633
-7.0	2774.421	*2779.121	*2780.461	*2779.121	*2774.421	*2768.306	*2759.323	*2743.596	*2725.639	*2705.601
-9.0	2759.764	*2764.436	*2765.535	*2764.436	*2759.764	*2753.125	*2743.016	*2730.503	*2712.401	*2692.447
-11.0	2740.422	*2745.173	*2746.112	*2745.173	*2740.422	*2732.880	*2723.873	*2711.422	*2695.683	*2676.080
-13.0	2718.076	*2722.249	*2722.985	*2722.249	*2718.076	*2710.717	*2702.159	*2689.622	*2674.379	*2654.845
-15.0	2693.661	*2697.570	*2697.563	*2697.570	*2693.661	*2686.324	*2676.267	*2664.867	*2648.432	*2629.298
-17.0	2667.389	*2671.731	*2672.749	*2671.731	*2667.389	*2659.262	*2646.990	*2634.836	*2619.377	*2598.760
-19.5	2628.755	*2634.030	*2635.487	*2634.030	*2628.755	*2619.954	*2606.621	*2592.110	*2576.328	*2556.452
-22.5	2572.669	*2579.201	*2580.492	*2579.201	*2572.669	*2562.996	*2549.762	*2533.062	*2517.990	*2498.872
-25.5	2509.134	*2515.702	*2517.714	*2515.702	*2509.134	*2499.218	*2486.055	*2469.789	*2452.502	*2433.664
-29.0	2422.201	*2428.263	*2430.027	*2428.263	*2422.201	*2412.887	*2400.500	*2384.647	*2365.261	*2346.714
-33.0	2307.070	*2312.080	*2313.377	*2312.080	*2307.070	*2298.897	*2287.655	*2273.461	*2256.453	*2236.954
-37.5	2168.199	*2173.385	*2174.213	*2173.385	*2168.199	*2160.274	*2149.243	*2135.157	*2118.084	*2098.110
-42.5	1994.054	*1995.914	*1996.845	*1995.914	*1994.054	*1981.300	*1969.252	*1954.093	*1935.987	*1915.103
-47.5	1715.674	*1712.942	*1711.574	*1712.942	*1715.674	*1703.611	*1692.490	*1677.122	*1657.714	*1634.484
-55.0	1212.777	*1212.149	*1211.834	*1212.149	*1212.777	*1206.127	*1199.541	*1190.347	*1178.456	*1163.791
-65.0	740.070	*742.395	*743.558	*742.395	*740.070	*732.561	*725.250	*716.274	*705.637	*693.345
-75.0	175.226	174.860	174.676	174.860	175.226	175.593	171.452	168.866	165.539	161.471
-85.0	8.978	9.085	9.139	9.085	8.978	8.870	8.763	8.655	8.548	8.349
-90.0	0.028	0.029	0.029	0.029	0.028	0.028	0.027	0.027	0.027	0.026

**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	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
85.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.006
75.0	0.931	0.998	1.051	1.232	1.757	1.940	1.498	1.456	1.210	1.997
65.0	165.579	165.106	158.617	151.367	148.183	146.928	134.625	110.566	81.357	72.498
55.0	937.384	*928.299	*921.782	*893.259	*852.370	*804.595	*737.567	*631.873	*521.245	*405.214
47.5	1534.557	*1522.525	*1496.618	*1454.038	*1404.391	*1306.339	*1219.764	*1139.048	*967.878	*751.518
42.5	1769.682	*1755.284	*1733.784	*1698.593	*1653.640	*1583.967	*1483.274	*1357.650	*1200.987	*1002.570
37.5	2026.819	*2006.823	*1978.308	*1939.425	*1891.725	*1820.155	*1710.890	*1569.099	*1398.591	*1207.054
33.0	2245.666	*2219.625	*2184.676	*2137.570	*2086.549	*2015.430	*1893.432	*1741.199	*1559.864	*1354.117
29.0	2396.716	*2368.995	*2332.365	*2282.116	*2228.974	*2147.578	*2025.936	*1872.764	*1687.433	*1475.414
25.5	2491.102	*2465.636	*2429.174	*2380.684	*2317.758	*2229.966	*2116.745	*1969.248	*1781.298	*1564.351

IES FLOOD REPORT
PHOTOMETRIC FILENAME : TMFL-LED-07L-W-40.IES

CANDELA TABULATION - (Cont.)

22.5	2553.879	*2528.149	*2493.114	*2440.906	*2376.204	*2290.317	*2180.191	*2037.716	*1851.412	*1620.510 *
19.5	2601.929	*2576.267	*2539.978	*2486.900	*2423.821	*2339.597	*2232.273	*2092.524	*1898.379	*1669.147 *
17.0	2633.895	*2607.013	*2569.298	*2517.124	*2456.516	*2372.526	*2266.226	*2125.964	*1931.126	*1702.107 *
15.0	2654.180	*2627.687	*2589.212	*2537.196	*2477.230	*2395.008	*2287.784	*2147.184	*1951.827	*1722.656 *
13.0	2671.875	*2643.895	*2605.695	*2553.965	*2494.418	*2412.808	*2304.596	*2163.380	*1968.991	*1740.121 *
11.0	2686.013	*2658.452	*2619.703	*2568.111	*2509.221	*2427.316	*2318.174	*2176.923	*1983.237	*1754.464 *
9.0	2698.355	*2669.548	*2630.198	*2578.476	*2520.358	*2439.065	*2328.813	*2187.673	*1994.452	*1765.662 *
7.0	2705.915	*2678.350	*2638.842	*2586.780	*2528.477	*2447.315	*2336.666	*2195.496	*2002.532	*1773.704 *
5.0	2711.455	*2684.669	*2644.987	*2592.357	*2533.772	*2452.347	*2341.583	*2200.276	*2007.384	*1778.596 *
3.0	2714.503	*2686.997	*2647.611	*2594.988	*2536.125	*2454.554	*2343.433	*2201.909	*2012.758	*1783.778 *
1.0	2714.926	*2685.985	*2646.960	*2594.904	*2535.456	*2453.693	*2342.107	*2200.723	*2007.537	*1779.404 *
0.0	2713.139	*2684.316	*2645.454	*2593.041	*2533.977	*2452.043	*2340.226	*2198.279	*2004.921	*1777.214 *
-1.0	2711.387	*2682.865	*2644.328	*2592.373	*2532.653	*2450.798	*2339.428	*2198.083	*2004.908	*1777.218 *
-3.0	2704.001	*2677.715	*2639.786	*2587.293	*2527.691	*2445.834	*2335.395	*2193.966	*2004.881	*1777.226 *
-5.0	2694.308	*2669.490	*2632.091	*2579.259	*2519.630	*2437.696	*2328.183	*2186.979	*1994.118	*1767.869 *
-7.0	2683.106	*2657.780	*2620.606	*2567.893	*2508.501	*2426.565	*2317.899	*2176.756	*1983.803	*1758.958 *
-9.0	2670.696	*2643.734	*2606.072	*2553.303	*2494.388	*2412.310	*2304.670	*2163.371	*1970.108	*1747.165 *
-11.0	2652.594	*2626.422	*2588.305	*2535.543	*2476.992	*2394.959	*2288.647	*2146.913	*1953.088	*1732.552 *
-13.0	2631.513	*2603.947	*2565.923	*2513.832	*2454.687	*2375.031	*2269.516	*2127.490	*1932.813	*1715.192 *
-15.0	2605.093	*2579.190	*2540.627	*2489.263	*2429.791	*2351.694	*2246.633	*2105.222	*1909.370	*1695.166 *
-17.0	2576.289	*2548.969	*2511.964	*2461.092	*2402.000	*2323.932	*2220.444	*2078.113	*1882.932	*1672.561 *
-19.5	2533.905	*2508.047	*2471.611	*2420.662	*2362.439	*2285.728	*2182.965	*2040.153	*1846.204	*1639.727 *
-22.5	2476.990	*2451.845	*2415.639	*2365.494	*2308.956	*2233.231	*2128.671	*1987.231	*1796.908	*1595.027 *
-25.5	2412.228	*2387.687	*2351.914	*2303.961	*2249.415	*2173.673	*2067.515	*1924.702	*1741.844	*1545.868 *
-29.0	2326.321	*2302.722	*2269.819	*2223.466	*2169.621	*2095.002	*1987.479	*1845.391	*1669.685	*1477.116 *
-33.0	2217.412	*2195.256	*2163.152	*2115.209	*2059.982	*1986.076	*1882.613	*1743.858	*1572.549	*1381.772 *
-37.5	2077.067	*2054.335	*2021.881	*1975.797	*1920.775	*1845.482	*1745.649	*1611.635	*1439.924	*1255.717 *
-42.5	1891.617	*1866.357	*1827.121	*1776.590	*1717.470	*1646.301	*1559.418	*1427.242	*1255.389	*1080.733 *
-47.5	1607.656	*1577.420	*1543.397	*1498.366	*1451.437	*1393.136	*1313.270	*1199.125	*1045.140	*900.156 *
-55.0	1146.286	*1125.886	*1101.159	*1080.468	*1051.086	*1002.991	*933.222 *	*839.477 *	*742.451 *	*635.045 *
-65.0	679.410 *	*663.843 *	*642.117 *	*615.813 *	*591.734 *	*546.689 *	*498.053 *	*441.213 *	*376.130 *	*300.658 *
-75.0	156.663	151.120	143.162	133.356	125.878	114.728	98.762	89.691	76.598	57.433
-85.0	8.213	8.074	7.896	7.681	7.505	7.266	6.941	6.502	5.912	5.300
-90.0	0.025	0.025	0.024	0.023	0.022	0.020	0.018	0.016	0.013	0.011

Vert. Angles	Horizontal Angles				
	55.0	65.0	75.0	85.0	90.0
90.0	0.000	0.000	0.000	0.000	0.000
85.0	0.010	0.000	0.181	0.141	0.000
75.0	2.258	0.685	0.741	0.423	0.001
65.0	50.713	12.534	3.241	0.703	0.002
55.0	258.430	89.169	12.692	1.056	0.002
47.5	497.708 *	197.301	25.352	1.369	0.003
42.5	667.400 *	282.990 *	44.286	1.568	0.003
37.5	839.084 *	370.938 *	62.548	1.759	0.003
33.0	969.152 *	445.978 *	78.753	1.921	0.004
29.0	1068.374 *	507.821 *	99.263	2.057	0.004
25.5	1144.798 *	561.458 *	115.881	2.169	0.004
22.5	1202.437 *	597.032 *	129.055	2.259	0.004
19.5	1251.838 *	633.344 *	141.167	2.343	0.004
17.0	1286.147 *	660.263 *	150.401	2.408	0.004
15.0	1310.018 *	679.567 *	157.196	2.456	0.004
13.0	1330.690 *	696.858 *	163.443	2.502	0.004
11.0	1348.156 *	712.115 *	169.122	2.603	0.004
9.0	1362.421 *	725.320 *	174.213	2.623	0.004

IES FLOOD REPORT
PHOTOMETRIC FILENAME : TMFL-LED-07L-W-40.IES

CANDELA TABULATION - (Cont.)

7.0	1373.501	*736.458	* 178.698	2.643	0.004
5.0	1381.425	*745.519	* 184.663	2.662	0.004
3.0	1389.613	*754.841	* 186.535	2.682	0.004
1.0	1388.341	*757.654	* 188.412	2.712	0.004
0.0	1387.704	*759.062	* 189.351	2.712	0.004
-1.0	1388.655	*760.357	* 189.777	2.735	0.004
-3.0	1390.554	*762.946	* 190.629	2.780	0.004
-5.0	1383.307	*759.011	* 191.479	2.825	0.004
-7.0	1376.553	*755.315	* 188.125	2.870	0.004
-9.0	1367.052	*749.511	* 186.226	2.915	0.004
-11.0	1354.885	*741.599	* 183.640	2.960	0.004
-13.0	1340.136	*731.587	* 180.369	2.907	0.004
-15.0	1322.896	*719.483	* 176.417	2.917	0.004
-17.0	1303.256	*705.302	* 171.788	2.921	0.004
-19.5	1275.476	*684.683	* 165.059	2.917	0.004
-22.5	1236.049	*655.761	* 155.618	2.899	0.004
-25.5	1190.859	*627.367	* 144.714	2.865	0.004
-29.0	1132.173	*579.472	* 130.184	2.807	0.004
-33.0	1053.252	*523.135	* 111.266	2.713	0.004
-37.5	949.203	* 454.352	* 95.291	2.573	0.003
-42.5	810.925	* 376.238	* 75.681	2.374	0.003
-47.5	661.448	* 297.218	* 53.728	2.131	0.003
-55.0	439.642	* 185.965	34.260	1.689	0.002
-65.0	185.925	72.422	14.145	1.150	0.002
-75.0	38.825	18.354	4.430	0.715	0.001
-85.0	4.171	2.368	1.084	0.243	0.000
-90.0	0.008	0.005	0.002	0.000	0.000

IES FLOOD REPORT
PHOTOMETRIC FILENAME : TMFL-LED-07L-W-40.IES

LUMEN TABULATION

Average Of Right And Left Sides

Total Luminaire Lumens (one side of beam only) = 3499.94

Total Field Lumens (one side of beam only) = 3446.86

* 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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
65	0.12	0.29	0.34	0.38	0.42	0.45	0.48	0.49	0.49	0.59
55	1.64 *	3.33 *	3.37 *	3.37 *	3.37 *	3.35 *	3.32 *	3.27 *	3.22 *	3.93 *
47.5	2.94 *	5.89 *	5.87 *	5.82 *	5.76 *	5.69 *	5.60 *	5.50 *	5.41 *	6.60 *
42.5	2.57 *	5.16 *	5.16 *	5.13 *	5.10 *	5.05 *	4.98 *	4.90 *	4.82 *	5.88 *
37.5	2.95 *	5.91 *	5.92 *	5.90 *	5.86 *	5.80 *	5.73 *	5.64 *	5.53 *	6.76 *
33	2.99 *	6.00 *	6.00 *	5.98 *	5.94 *	5.88 *	5.81 *	5.71 *	5.60 *	6.83 *
29	2.91 *	5.82 *	5.81 *	5.78 *	5.74 *	5.68 *	5.61 *	5.52 *	5.41 *	6.59 *
25.5	2.69 *	5.38 *	5.37 *	5.34 *	5.29 *	5.24 *	5.17 *	5.08 *	4.98 *	6.07 *
22.5	2.39 *	4.77 *	4.75 *	4.73 *	4.69 *	4.64 *	4.57 *	4.49 *	4.41 *	5.38 *
19.5	2.43 *	4.86 *	4.85 *	4.82 *	4.79 *	4.73 *	4.67 *	4.59 *	4.51 *	5.50 *
17	2.06 *	4.11 *	4.10 *	4.08 *	4.05 *	4.00 *	3.95 *	3.89 *	3.81 *	4.65 *
15	1.66 *	3.33 *	3.32 *	3.30 *	3.27 *	3.23 *	3.19 *	3.14 *	3.08 *	3.76 *
13	1.68 *	3.35 *	3.34 *	3.32 *	3.29 *	3.26 *	3.21 *	3.16 *	3.10 *	3.78 *
11	1.68 *	3.37 *	3.36 *	3.34 *	3.31 *	3.28 *	3.23 *	3.18 *	3.12 *	3.81 *
9	1.69 *	3.38 *	3.37 *	3.36 *	3.33 *	3.29 *	3.25 *	3.20 *	3.14 *	3.82 *
7	1.70 *	3.40 *	3.39 *	3.37 *	3.34 *	3.30 *	3.26 *	3.21 *	3.15 *	3.84 *
5	1.71 *	3.41 *	3.40 *	3.38 *	3.35 *	3.31 *	3.27 *	3.22 *	3.16 *	3.85 *
3	1.71 *	3.42 *	3.40 *	3.38 *	3.35 *	3.32 *	3.27 *	3.22 *	3.16 *	3.86 *
1	1.71 *	3.42 *	3.41 *	3.38 *	3.35 *	3.32 *	3.27 *	3.22 *	3.16 *	3.86 *
0	0.86 *	1.71 *	1.70 *	1.69 *	1.68 *	1.66 *	1.64 *	1.61 *	1.58 *	1.93 *
-1	0.86 *	1.71 *	1.70 *	1.69 *	1.68 *	1.66 *	1.64 *	1.61 *	1.58 *	1.93 *
	1.71 *	3.41 *	3.40 *	3.38 *	3.35 *	3.31 *	3.26 *	3.21 *	3.16 *	3.85 *

IES FLOOD REPORT
PHOTOMETRIC FILENAME : TMFL-LED-07L-W-40.IES

LUMENS TABULATION - (Cont.)

-3	1.70 *	3.40 *	3.39 *	3.37 *	3.34 *	3.30 *	3.25 *	3.20 *	3.15 *	3.84 *
-5	1.70 *	3.39 *	3.38 *	3.36 *	3.33 *	3.29 *	3.24 *	3.19 *	3.13 *	3.83 *
-7	1.69 *	3.37 *	3.36 *	3.34 *	3.31 *	3.27 *	3.23 *	3.18 *	3.12 *	3.81 *
-9	1.68 *	3.35 *	3.34 *	3.32 *	3.29 *	3.25 *	3.21 *	3.16 *	3.10 *	3.78 *
-11	1.67 *	3.33 *	3.31 *	3.29 *	3.27 *	3.23 *	3.19 *	3.14 *	3.08 *	3.75 *
-13	1.65 *	3.30 *	3.28 *	3.26 *	3.24 *	3.20 *	3.16 *	3.11 *	3.05 *	3.72 *
-15	1.64 *	3.27 *	3.25 *	3.23 *	3.20 *	3.17 *	3.13 *	3.08 *	3.02 *	3.68 *
-17	2.02 *	4.03 *	4.02 *	3.99 *	3.95 *	3.91 *	3.86 *	3.79 *	3.72 *	4.54 *
-19.5	2.38 *	4.76 *	4.73 *	4.70 *	4.65 *	4.60 *	4.54 *	4.46 *	4.38 *	5.34 *
-22.5	2.33 *	4.65 *	4.62 *	4.59 *	4.54 *	4.49 *	4.43 *	4.35 *	4.27 *	5.21 *
-25.5	2.64 *	5.26 *	5.23 *	5.19 *	5.14 *	5.08 *	5.00 *	4.92 *	4.83 *	5.89 *
-29	2.89 *	5.77 *	5.74 *	5.70 *	5.64 *	5.57 *	5.49 *	5.40 *	5.29 *	6.46 *
-33	3.07 *	6.14 *	6.11 *	6.06 *	6.00 *	5.93 *	5.84 *	5.74 *	5.63 *	6.86 *
-37.5	3.18 *	6.34 *	6.31 *	6.26 *	6.19 *	6.11 *	6.01 *	5.90 *	5.78 *	7.02 *
-42.5	2.82 *	5.65 *	5.62 *	5.56 *	5.50 *	5.42 *	5.32 *	5.21 *	5.08 *	6.16 *
-47.5	3.34 *	6.68 *	6.65 *	6.59 *	6.51 *	6.42 *	6.30 *	6.15 *	5.99 *	7.25 *
-55	2.98 *	5.95 *	5.91 *	5.85 *	5.78 *	5.69 *	5.57 *	5.44 *	5.29 *	6.39 *
-65	1.40 *	2.79 *	2.77 *	2.73 *	2.69 *	2.63 *	2.57 *	2.50 *	2.42 *	2.89 *
-75	0.28	0.56	0.56	0.55	0.54	0.53	0.51	0.49	0.47	0.56
-85	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
-90										
Total	83.70	167.40	166.92	165.88	164.43	162.54	160.22	157.49	154.39	188.06

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
85	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.01	0.00
75	0.67	0.63	0.71	0.74	0.69	0.57	0.42	0.46	0.25	0.04
65	4.53 *	4.27 *	4.62 *	4.76 *	4.52 *	3.92 *	2.91	2.81	1.56	0.31
55	7.62 *	7.21 *	7.76 *	7.97 *	7.82 *	7.13 *	5.34 *	5.13 *	2.97	0.63

IES FLOOD REPORT
PHOTOMETRIC FILENAME : TMFL-LED-07L-W-40.IES

LUMENS TABULATION - (Cont.)

47.5										
	6.81 *	6.48 *	7.05 *	7.30 *	7.27 *	6.80 *	5.28 *	5.21 *	3.13 *	0.72
42.5	7.84 *	7.50 *	8.23 *	8.61 *	8.56 *	8.06 *	6.47 *	6.64 *	4.11 *	0.99
37.5	7.91 *	7.56 *	8.33 *	8.74 *	8.71 *	8.23 *	6.69 *	7.02 *	4.49 *	1.12
33	7.62 *	7.29 *	8.04 *	8.44 *	8.43 *	8.00 *	6.54 *	6.95 *	4.55 *	1.18 *
29	7.03 *	6.73 *	7.40 *	7.78 *	7.82 *	7.46 *	6.13 *	6.57 *	4.37 *	1.17 *
25.5	6.23 *	5.96 *	6.55 *	6.91 *	6.97 *	6.68 *	5.51 *	5.93 *	4.00 *	1.10 *
22.5	6.37 *	6.09 *	6.70 *	7.08 *	7.17 *	6.89 *	5.68 *	6.16 *	4.20 *	1.17 *
19.5	5.39 *	5.16 *	5.68 *	6.01 *	6.10 *	5.87 *	4.85 *	5.28 *	3.64 *	1.03 *
17	4.36 *	4.17 *	4.60 *	4.87 *	4.94 *	4.76 *	3.93 *	4.30 *	2.99 *	0.86 *
15	4.39 *	4.20 *	4.63 *	4.91 *	4.98 *	4.80 *	3.97 *	4.36 *	3.06 *	0.88 *
13	4.41 *	4.23 *	4.66 *	4.94 *	5.02 *	4.84 *	4.01 *	4.41 *	3.11 *	0.91 *
11	4.43 *	4.25 *	4.69 *	4.97 *	5.04 *	4.87 *	4.04 *	4.45 *	3.15 *	0.93 *
9	4.45 *	4.26 *	4.71 *	4.99 *	5.06 *	4.89 *	4.06 *	4.48 *	3.19 *	0.94 *
7	4.46 *	4.27 *	4.72 *	5.00 *	5.08 *	4.90 *	4.07 *	4.51 *	3.22 *	0.96 *
5	4.47 *	4.28 *	4.73 *	5.01 *	5.08 *	4.91 *	4.08 *	4.53 *	3.25 *	0.97 *
3	4.47 *	4.28 *	4.73 *	5.01 *	5.09 *	4.91 *	4.08 *	4.53 *	3.26 *	0.98 *
1	2.24 *	2.14 *	2.36 *	2.50 *	2.54 *	2.45 *	2.04 *	2.26 *	1.63 *	0.49 *
0	2.23 *	2.14 *	2.36 *	2.50 *	2.54 *	2.45 *	2.04 *	2.26 *	1.63 *	0.49 *
-1	4.46 *	4.27 *	4.72 *	5.00 *	5.07 *	4.90 *	4.07 *	4.53 *	3.27 *	0.99 *
-3	4.45 *	4.26 *	4.71 *	4.98 *	5.06 *	4.89 *	4.06 *	4.51 *	3.27 *	0.99 *
-5	4.44 *	4.25 *	4.69 *	4.97 *	5.04 *	4.86 *	4.04 *	4.49 *	3.25 *	0.99 *
-7	4.41 *	4.23 *	4.66 *	4.94 *	5.02 *	4.84 *	4.02 *	4.47 *	3.23 *	0.98 *
-9	4.39 *	4.20 *	4.63 *	4.91 *	4.98 *	4.80 *	3.99 *	4.43 *	3.20 *	0.97 *
-11	4.35 *	4.17 *	4.60 *	4.87 *	4.94 *	4.76 *	3.95 *	4.39 *	3.17 *	0.96 *
-13	4.31 *	4.13 *	4.55 *	4.83 *	4.90 *	4.71 *	3.90 *	4.34 *	3.13 *	0.94 *
-15	4.27 *	4.08 *	4.51 *	4.77 *	4.84 *	4.65 *	3.85 *	4.28 *	3.08 *	0.92 *
-17	5.26 *	5.03 *	5.55 *	5.88 *	5.96 *	5.72 *	4.74 *	5.26 *	3.77 *	1.12 *
-19.5	6.19 *	5.92 *	6.53 *	6.92 *	7.00 *	6.71 *	5.55 *	6.16 *	4.39 *	1.30 *

IES FLOOD REPORT
PHOTOMETRIC FILENAME : TMFL-LED-07L-W-40.IES

LUMENS TABULATION - (Cont.)

-22.5	6.04 *	5.78 *	6.37 *	6.74 *	6.81 *	6.52 *	5.39 *	5.97 *	4.23 *	1.24 *
-25.5	6.83 *	6.53 *	7.20 *	7.61 *	7.66 *	7.33 *	6.06 *	6.68 *	4.70 *	1.35 *
-29	7.48 *	7.15 *	7.88 *	8.30 *	8.35 *	7.97 *	6.57 *	7.21 *	5.00 *	1.40 *
-33	7.94 *	7.58 *	8.33 *	8.76 *	8.79 *	8.36 *	6.84 *	7.46 *	5.10 *	1.39 *
-37.5	8.11 *	7.71 *	8.45 *	8.87 *	8.87 *	8.36 *	6.77 *	7.32 *	4.93 *	1.30
-42.5	7.09 *	6.72 *	7.35 *	7.72 *	7.69 *	7.18 *	5.76 *	6.17 *	4.08 *	1.04
-47.5	8.35 *	7.95 *	8.70 *	9.09 *	8.99 *	8.37 *	6.71 *	7.06 *	4.52 *	1.11
-55	7.34 *	6.97 *	7.56 *	7.78 *	7.59 *	7.00 *	5.53 *	5.58 *	3.36	0.80
-65	3.27 *	3.06 *	3.27 *	3.28 *	3.16 *	2.87	2.18	2.08	1.20	0.28
-75	0.62	0.57	0.61	0.59	0.56	0.52	0.39	0.38	0.24	0.07
-85	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.01	0.00
-90	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.01	0.00
Total	217.57	207.69	228.16	239.88	240.75	228.72	186.54	201.05	136.95	38.01

Vert. Angles	Horizontal Angles			
	<u>75</u>	<u>85</u>	<u>90</u>	<u>Total</u>
90				
	0.00	0.00	0.00	
85				
	0.00	0.00	0.10	
75				
	0.01	0.00	9.24	
65				
	0.02	0.00	66.39	
55				
	0.04	0.00	114.70	
47.5				
	0.05	0.00	104.85	
42.5				
	0.07	0.00	123.07	
37.5				
	0.09	0.00	125.63	
33				
	0.10	0.00	122.00	
29				
	0.10	0.00	113.18	
25.5				
	0.10	0.00	100.74	
22.5				
	0.11	0.00	103.39	
19.5				
	0.10	0.00	87.81	
17				
	0.08	0.00	71.13	

IES FLOOD REPORT
PHOTOMETRIC FILENAME : TMFL-LED-07L-W-40.IES

LUMENS TABULATION - (Cont.)

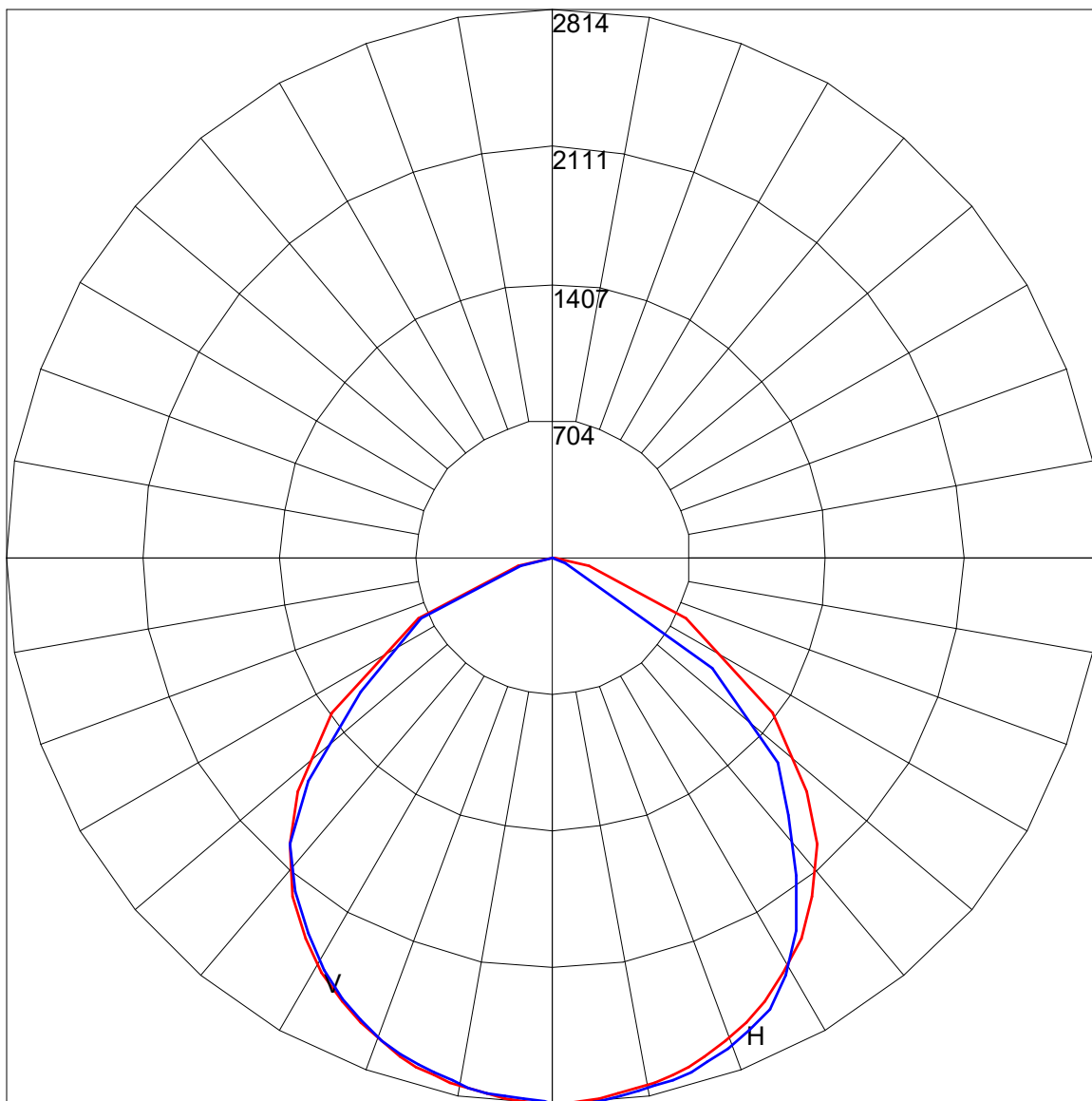
15	0.09	0.00	71.77
13	0.09	0.00	72.30
11	0.09	0.00	72.74
9	0.09	0.00	73.08
7	0.10	0.00	73.34
5	0.10	0.00	73.51
3	0.10	0.00	73.56
1	0.05	0.00	36.76
0	0.05	0.00	36.74
-1	0.10	0.00	73.41
-3	0.10	0.00	73.23
-5	0.10	0.00	72.93
-7	0.10	0.00	72.56
-9	0.10	0.00	72.09
-11	0.10	0.00	71.50
-13	0.10	0.00	70.81
-15	0.09	0.00	70.02
-17	0.11	0.00	86.24
-19.5	0.13	0.00	101.34
-22.5	0.12	0.00	98.68
-25.5	0.13	0.00	111.29
-29	0.13	0.00	121.36
-33	0.13	0.00	128.06
-37.5	0.12	0.00	129.89
-42.5	0.09	0.00	113.24
-47.5	0.09	0.00	132.85
-55	0.07	0.00	114.42
-65	0.03	0.00	50.08

IES FLOOD REPORT
PHOTOMETRIC FILENAME : TMFL-LED-07L-W-40.IES

LUMENS TABULATION - (Cont.)

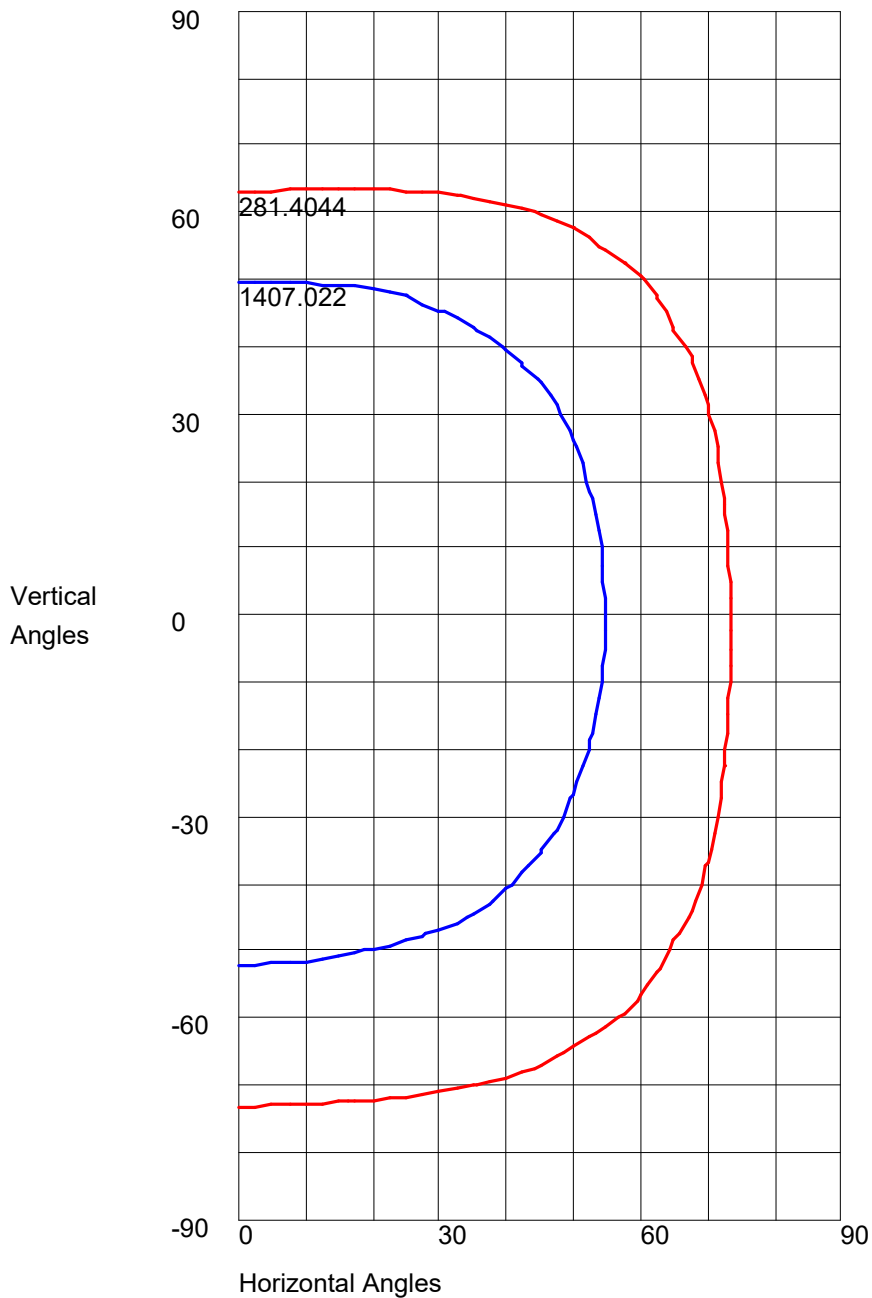
-75	0.01	0.00	9.63
-85	0.00	0.00	0.28
-90			
Total	3.57	0.01	3499.93

AXIAL CANDELA DISPLAY



Maximum Candela = 2814.044 Located At Horizontal Angle = 0, Vertical Angle = 3
H - Horizontal Axial Candela
V - Vertical Axial Candela

ISOCANDELA CURVES



Maximum Candela = 2814.044 Located At Horizontal Angle = 0, Vertical Angle = 3
50% Maximum Candela = 1407.022
10% Maximum Candela = 281.4044