



IES FLOOD REPORT

PHOTOMETRIC FILENAME : TMFL-LED-05L-W-50.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] 3529

[TESTLAB] TUV SUD America

[TESTDATE] 9/19/2018 10:43:14 AM

[ISSUEDATE] 01/07/2019

[MANUFAC] LSI INDUSTRIES, INC

[LUMCAT] TMFL-LED-05L-W-50

[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	2105.115
Maximum Candela Angle	-1H 0V
Horizontal Beam Angle (50%)	108.7
Vertical Beam Angle (50%)	100.7
Horizontal Field Angle (10%)	146.4
Vertical Field Angle (10%)	138.2
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	4111
Beam Efficiency	N.A.
Field Lumens	5123
Field Efficiency	N.A.
Spill Lumens	117
Luminaire Lumens	5240
Total Efficiency	N.A.
Total Luminaire Watts	43.19
Ballast Factor	1.00

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AXIAL CANDELA

DEG.	HOR.	DEG.	VERT.
90	.002	90	0
85	1.748	85	0
75	133.989	75	0
65	561.407	65	2.917
55	1026.794	55	385.52
47.5	1322.718	47.5	893.837
42.5	1516.736	42.5	1231.363
37.5	1658.517	37.5	1508.913
33	1759.34	33	1687.308
29	1838.563	29	1793.665
25.5	1900.366	25.5	1862.754
22.5	1945.344	22.5	1913.597
19.5	1983.648	19.5	1957.042
17	2012.531	17	1988.433
15	2034.593	15	2009.374
13	2052.72	13	2028.816
11	2068.087	11	2046.438
9	2080.26	9	2061.34
7	2089.631	7	2073.028
5	2097.423	5	2081.418
3	2103.749	3	2089.108
1	2105.115	1	2099.396
0	2104.972	0	2104.972
-1	2105.115	-1	2103.224
-3	2103.749	-3	2100.142
-5	2097.423	-5	2098.297
-7	2089.631	-7	2093.159
-9	2080.26	-9	2086.352
-11	2068.087	-11	2078.038
-13	2052.72	-13	2067.535
-15	2034.593	-15	2053.325
-17	2012.531	-17	2037.446
-19.5	1983.648	-19.5	2013.664
-22.5	1945.344	-22.5	1981.239
-25.5	1900.366	-25.5	1942.292
-29	1838.563	-29	1888.974
-33	1759.34	-33	1819.271
-37.5	1658.517	-37.5	1732.372
-42.5	1516.736	-42.5	1582.873
-47.5	1322.718	-47.5	1356.518
-55	1026.794	-55	1067.628
-65	561.407	-65	739.273
-75	133.989	-75	315.319
-85	1.748	-85	20.627
-90	.002	-90	.039

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CANDELA TABULATION

Maximum Candela = 2105.115

Beam Edge = 1052.5575 Cd (50% of Max.)

Field Edge = 210.5115 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	0.059	0.075	0.000	0.000	0.000	0.000	0.000	0.000	0.000
75.0	0.000	0.175	0.404	0.059	0.309	0.245	0.000	0.000	0.004	0.046
65.0	0.001	0.291	1.988	2.223	15.445	20.308	13.235	20.368	27.919	28.697
55.0	0.001	0.511	7.637	33.010	113.852	175.889	207.726	264.244 *	303.525 *	327.346 *
47.5	0.001	0.746	15.306	92.987	271.075 *	412.919 *	498.527 *	623.904 *	699.683 *	765.289 *
42.5	0.001	0.897	25.725	149.138	395.614 *	584.246 *	727.655 *	859.857 *	981.921 *	1064.181 *
37.5	0.001	1.040	36.416	214.139 *	535.690 *	777.664 *	923.913 *	1085.573 *	1214.488 *	1298.601 *
33.0	0.001	1.162	46.547	274.994 *	643.075 *	914.222 *	1080.388 *	1240.414 *	1370.612 *	1463.394 *
29.0	0.002	1.264	60.825	327.429 *	726.029 *	1024.681 *	1196.697 *	1349.855 *	1474.297 *	1563.455 *
25.5	0.002	1.348	72.792	373.126 *	793.203 *	1103.605 *	1274.708 *	1428.928 *	1545.330 *	1627.005 *
22.5	0.002	1.415	82.574	403.940 *	844.469 *	1152.829 *	1332.524 *	1486.895 *	1595.609 *	1674.868 *
19.5	0.002	1.478	91.841	435.453 *	888.533 *	1195.993 *	1374.904 *	1532.503 *	1637.728 *	1715.877 *
17.0	0.002	1.526	99.114	459.359 *	918.842 *	1226.751 *	1406.317 *	1562.934 *	1667.470 *	1743.431 *
15.0	0.002	1.563	104.606	476.900 *	940.373 *	1247.756 *	1429.170 *	1584.156 *	1688.466 *	1763.222 *
13.0	0.002	1.596	109.781	493.006 *	959.491 *	1266.173 *	1449.659 *	1601.123 *	1706.599 *	1780.615 *
11.0	0.002	1.674	114.614	507.655 *	976.210 *	1281.983 *	1467.583 *	1616.078 *	1720.703 *	1795.715 *
9.0	0.002	1.687	119.082	520.826 *	990.553 *	1295.180 *	1482.850 *	1628.924 *	1732.236 *	1808.756 *
7.0	0.002	1.701	123.158	532.501 *	1002.553 *	1305.770 *	1495.377 *	1639.571 *	1741.898 *	1819.345 *
5.0	0.002	1.714	128.328	542.666 *	1012.252 *	1313.774 *	1505.093 *	1647.942 *	1749.568 *	1827.603 *
3.0	0.002	1.728	130.589	553.043 *	1022.093 *	1321.982 *	1515.252 *	1653.970 *	1755.135 *	1833.708 *
1.0	0.002	1.741	132.855	558.617 *	1025.226 *	1322.472 *	1516.241 *	1657.912 *	1758.505 *	1837.536 *
0.0	0.002	1.748	133.989	561.407 *	1026.794 *	1322.718 *	1516.736 *	1658.517 *	1759.340 *	1838.563 *
-1.0	0.002	1.748	134.948	563.765 *	1028.966 *	1325.123 *	1518.411 *	1659.837 *	1760.325 *	1839.355 *
-3.0	0.002	1.866	136.865	568.477 *	1033.305 *	1329.925 *	1521.755 *	1659.763 *	1760.581 *	1839.188 *
-5.0	0.002	1.944	138.778	568.330 *	1031.214 *	1327.064 *	1516.322 *	1657.638 *	1758.598 *	1836.810 *
-7.0	0.002	2.022	137.593	568.326 *	1029.444 *	1324.422 *	1511.591 *	1653.234 *	1754.445 *	1832.387 *
-9.0	0.002	2.100	137.462	566.710 *	1025.713 *	1319.239 *	1504.531 *	1646.638 *	1748.210 *	1825.734 *
-11.0	0.002	2.178	136.806	563.466 *	1020.068 *	1311.505 *	1495.331 *	1637.949 *	1739.993 *	1816.714 *
-13.0	0.002	2.169	135.623	558.587 *	1012.559 *	1301.225 *	1484.180 *	1627.271 *	1729.539 *	1805.765 *
-15.0	0.002	2.213	133.911	552.064 *	1003.240 *	1288.413 *	1471.263 *	1614.717 *	1716.382 *	1792.426 *
-17.0	0.002	2.250	131.667	543.896 *	992.168 *	1273.096 *	1456.013 *	1599.059 *	1701.018 *	1776.171 *
-19.5	0.002	2.287	128.117	531.377 *	975.953 *	1251.580 *	1431.702 *	1576.976 *	1678.780 *	1753.325 *
-22.5	0.002	2.316	122.764	512.983 *	952.507 *	1222.376 *	1398.119 *	1545.651 *	1646.739 *	1721.410 *
-25.5	0.002	2.326	116.227	494.749 *	925.747 *	1189.057 *	1357.148 *	1507.757 *	1610.309 *	1685.358 *
-29.0	0.002	2.315	107.119	463.504 *	891.218 *	1143.542 *	1302.587 *	1455.106 *	1561.518 *	1639.680 *
-33.0	0.001	2.268	94.793	426.678 *	840.739 *	1078.619 *	1234.036 *	1383.423 *	1495.655 *	1572.462 *
-37.5	0.001	2.172	84.426	379.942 *	771.330 *	991.982 *	1137.951 *	1286.000 *	1403.688 *	1476.672 *
-42.5	0.001	2.010	70.892	322.811 *	674.260 *	876.046 *	1004.191 *	1146.311 *	1263.287 *	1327.975 *
-47.5	0.001	1.790	54.933	263.855 *	565.171 *	757.461 *	859.089 *	974.858 *	1075.067 *	1144.772 *
-55.0	0.001	1.355	36.773	179.814	409.514 *	574.030 *	664.133 *	740.713 *	814.385 *	873.247 *
-65.0	0.001	0.870	16.355	87.114	214.060 *	332.858 *	406.710 *	471.143 *	524.346 *	567.829 *
-75.0	0.000	0.553	5.522	24.529	63.967	105.593	137.601	163.218	185.583	208.686
-85.0	0.000	0.190	1.243	3.087	6.200	9.435	11.392	12.879	14.024	14.894
-90.0	0.000	0.000	0.003	0.006	0.011	0.015	0.018	0.021	0.023	0.025

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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	0.041	0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
65.0	23.219	16.543	11.146	12.211	12.459	12.227	11.568	10.540	9.200	7.607
55.0	359.493 *	377.481 *	384.223 *	390.083 *	396.857 *	402.285 *	406.093 *	408.002 *	407.728 *	404.988 *
47.5	822.330 *	849.926 *	865.308 *	871.167 *	885.065 *	897.018 *	906.685 *	913.512 *	916.936 *	916.382 *
42.5	1105.812	*1140.705	*1172.032	*1194.530	*1206.954	*1219.360	*1230.154	*1238.706	*1244.355	*1246.419 *
37.5	1352.296	*1387.880	*1423.581	*1454.595	*1479.325	*1491.147	*1500.167	*1508.307	*1514.672	*1518.309 *
33.0	1514.746	*1556.761	*1595.484	*1622.972	*1643.193	*1662.549	*1674.278	*1682.249	*1688.138	*1691.598 *
29.0	1620.556	*1660.265	*1697.601	*1724.151	*1744.097	*1760.369	*1774.408	*1784.348	*1791.320	*1795.095 *
25.5	1686.007	*1726.926	*1763.500	*1791.287	*1810.493	*1827.317	*1842.295	*1852.531	*1859.136	*1863.378 *
22.5	1731.518	*1773.430	*1811.291	*1839.159	*1858.574	*1875.658	*1890.800	*1901.950	*1908.446	*1912.915 *
19.5	1771.157	*1814.516	*1852.581	*1879.956	*1899.509	*1916.130	*1930.642	*1942.229	*1950.738	*1955.959 *
17.0	1800.615	*1844.186	*1881.884	*1909.048	*1929.091	*1945.769	*1960.852	*1972.636	*1982.071	*1987.679 *
15.0	1820.986	*1864.639	*1902.658	*1930.887	*1949.803	*1967.651	*1982.306	*1994.969	*2004.362	*2010.415 *
13.0	1838.941	*1882.441	*1921.097	*1949.377	*1969.640	*1986.726	*2001.670	*2013.905	*2024.304	*2030.810 *
11.0	1854.927	*1898.170	*1937.710	*1966.609	*1986.132	*2003.497	*2017.721	*2030.293	*2040.580	*2047.894 *
9.0	1868.023	*1911.656	*1951.497	*1980.353	*2000.627	*2017.148	*2031.960	*2044.668	*2054.457	*2061.969 *
7.0	1878.979	*1923.393	*1963.258	*1991.737	*2011.398	*2028.895	*2044.415	*2056.575	*2066.535	*2072.866 *
5.0	1887.891	*1932.766	*1972.559	*2000.893	*2020.588	*2038.400	*2054.181	*2066.370	*2075.112	*2081.772 *
3.0	1894.617	*1939.678	*1978.802	*2007.354	*2027.984	*2046.115	*2061.320	*2073.277	*2081.985	*2088.173 *
1.0	1899.042	*1944.393	*1982.607	*2011.397	*2033.409	*2051.203	*2066.436	*2078.446	*2087.524	*2094.720 *
0.0	1900.366	*1945.344	*1983.648	*2012.531	*2034.593	*2052.720	*2068.087	*2080.260	*2089.631	*2097.423 *
-1.0	1901.031	*1946.172	*1984.153	*2013.233	*2035.585	*2053.040	*2067.894	*2079.553	*2088.421	*2095.844 *
-3.0	1900.545	*1945.105	*1983.400	*2012.789	*2034.404	*2051.852	*2065.956	*2076.814	*2084.745	*2091.861 *
-5.0	1897.653	*1942.066	*1980.217	*2009.740	*2030.956	*2048.657	*2062.554	*2072.881	*2081.067	*2088.287 *
-7.0	1892.405	*1936.927	*1974.598	*2003.758	*2025.113	*2043.337	*2056.746	*2067.091	*2075.456	*2082.630 *
-9.0	1884.889	*1929.889	*1967.374	*1996.232	*2017.601	*2034.897	*2048.842	*2059.943	*2068.480	*2075.715 *
-11.0	1875.166	*1921.349	*1959.174	*1987.327	*2007.520	*2025.125	*2039.270	*2050.481	*2059.743	*2066.875 *
-13.0	1863.650	*1908.993	*1947.964	*1976.105	*1996.496	*2013.678	*2027.705	*2039.083	*2048.583	*2055.620 *
-15.0	1850.108	*1894.740	*1934.461	*1963.578	*1982.890	*2000.057	*2013.676	*2025.781	*2034.779	*2042.326 *
-17.0	1834.054	*1878.400	*1917.995	*1946.507	*1967.068	*1982.907	*1997.708	*2009.243	*2018.855	*2026.927 *
-19.5	1810.168	*1854.207	*1894.262	*1921.723	*1940.864	*1957.887	*1973.014	*1984.902	*1995.156	*2003.433 *
-22.5	1777.323	*1820.123	*1858.691	*1886.584	*1905.465	*1921.952	*1936.601	*1948.770	*1960.131	*1969.105 *
-25.5	1740.361	*1781.781	*1819.018	*1846.278	*1865.160	*1881.635	*1895.931	*1908.454	*1919.624	*1928.744 *
-29.0	1691.903	*1732.296	*1768.362	*1794.759	*1813.765	*1829.903	*1844.108	*1856.762	*1867.376	*1875.948 *
-33.0	1625.062	*1665.948	*1702.959	*1728.919	*1747.160	*1763.689	*1777.583	*1789.421	*1799.432	*1807.550 *
-37.5	1528.722	*1569.392	*1605.817	*1633.507	*1654.297	*1671.159	*1686.340	*1699.555	*1710.707	*1719.712 *
-42.5	1375.613	*1415.011	*1453.008	*1484.717	*1504.664	*1522.032	*1537.717	*1551.477	*1563.060	*1572.216 *
-47.5	1189.589	*1219.426	*1243.972	*1261.491	*1284.127	*1303.778	*1320.337	*1333.797	*1344.164	*1351.458 *
-55.0	919.755 *	950.847 *	975.097 *	995.127 *	1010.232	*1023.483	*1034.917	*1044.577	*1052.516	*1058.790 *
-65.0	606.502 *	631.916 *	657.063 *	674.299 *	686.671 *	697.779 *	707.620 *	716.197 *	723.510 *	729.568 *
-75.0	226.012 *	238.743 *	252.889 *	264.466 *	273.044 *	280.985 *	288.262 *	294.850 *	300.724 *	308.353 *
-85.0	15.545	16.023	16.777	17.382	17.845	18.289	19.088	19.367	19.647	19.927
-90.0	0.027	0.029	0.031	0.032	0.033	0.034	0.035	0.036	0.037	0.038

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	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
65.0	5.898	3.911	2.917	3.911	5.898	7.607	9.200	10.540	11.568	12.227

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CANDELA TABULATION - (Cont.)

55.0	403.200	* 391.416	* 385.520	* 391.416	* 403.200	* 404.988	* 407.728	* 408.002	* 406.093	* 402.285	*
47.5	917.643	* 901.778	* 893.837	* 901.778	* 917.643	* 916.382	* 916.936	* 913.512	* 906.684	* 897.019	*
42.5	1250.533	*1237.759	*1231.363	*1237.759	*1250.533	*1246.419	*1244.355	*1238.706	*1230.154	*1219.360	*
37.5	1518.225	*1514.166	*1508.913	*1514.166	*1518.225	*1518.309	*1514.672	*1508.307	*1500.167	*1491.147	*
33.0	1692.272	*1689.815	*1687.308	*1689.815	*1692.272	*1691.597	*1688.138	*1682.249	*1674.278	*1662.549	*
29.0	1796.442	*1795.246	*1793.665	*1795.246	*1796.442	*1795.095	*1791.320	*1784.348	*1774.408	*1760.369	*
25.5	1865.110	*1864.214	*1862.754	*1864.214	*1865.110	*1863.378	*1859.136	*1852.531	*1842.295	*1827.317	*
22.5	1915.102	*1915.116	*1913.597	*1915.116	*1915.102	*1912.915	*1908.446	*1901.961	*1890.800	*1875.658	*
19.5	1958.335	*1958.109	*1957.042	*1958.109	*1958.335	*1955.959	*1950.738	*1942.229	*1930.642	*1916.130	*
17.0	1990.159	*1989.648	*1988.433	*1989.648	*1990.159	*1987.679	*1982.071	*1972.636	*1960.852	*1945.769	*
15.0	2012.330	*2011.447	*2009.374	*2011.447	*2012.330	*2010.415	*2004.362	*1994.969	*1982.306	*1967.651	*
13.0	2032.078	*2030.625	*2028.816	*2030.626	*2032.078	*2030.810	*2024.304	*2013.905	*2001.670	*1986.726	*
11.0	2049.715	*2048.247	*2046.438	*2048.247	*2049.715	*2047.894	*2040.580	*2030.293	*2017.721	*2003.497	*
9.0	2064.977	*2063.228	*2061.340	*2063.228	*2064.977	*2061.969	*2054.457	*2044.668	*2031.960	*2017.148	*
7.0	2077.338	*2075.254	*2073.028	*2075.254	*2077.338	*2072.866	*2066.535	*2056.575	*2044.415	*2028.895	*
5.0	2085.617	*2084.857	*2081.418	*2084.857	*2085.617	*2081.772	*2075.112	*2066.370	*2054.181	*2038.400	*
3.0	2093.016	*2094.017	*2089.108	*2094.017	*2093.019	*2088.173	*2081.985	*2073.277	*2061.320	*2046.115	*
1.0	2099.140	*2101.649	*2099.396	*2101.649	*2099.140	*2094.720	*2087.524	*2078.446	*2066.436	*2051.203	*
0.0	2103.749	*2105.115	*2104.972	*2105.115	*2103.749	*2097.423	*2089.631	*2080.260	*2068.087	*2052.720	*
-1.0	2100.671	*2103.674	*2103.224	*2103.674	*2100.671	*2095.844	*2088.421	*2079.553	*2067.894	*2053.040	*
-3.0	2097.972	*2100.621	*2100.142	*2100.621	*2097.974	*2091.861	*2084.745	*2076.814	*2065.956	*2051.852	*
-5.0	2093.728	*2097.624	*2098.297	*2097.624	*2093.728	*2088.287	*2081.067	*2072.881	*2062.554	*2048.657	*
-7.0	2088.248	*2091.971	*2093.159	*2091.971	*2088.248	*2082.630	*2075.456	*2067.091	*2056.746	*2043.337	*
-9.0	2081.149	*2085.039	*2086.352	*2085.039	*2081.149	*2075.715	*2068.480	*2059.943	*2048.842	*2034.897	*
-11.0	2072.507	*2076.630	*2078.038	*2076.630	*2072.507	*2066.875	*2059.743	*2050.481	*2039.270	*2025.125	*
-13.0	2061.698	*2066.082	*2067.535	*2066.082	*2061.698	*2055.620	*2048.583	*2039.083	*2027.705	*2013.678	*
-15.0	2048.216	*2052.395	*2053.325	*2052.395	*2048.216	*2042.326	*2034.779	*2025.781	*2013.676	*2000.057	*
-17.0	2032.664	*2036.303	*2037.446	*2036.303	*2032.664	*2026.927	*2018.855	*2009.243	*1997.708	*1982.907	*
-19.5	2009.028	*2012.598	*2013.664	*2012.598	*2009.028	*2003.433	*1995.156	*1984.902	*1973.014	*1957.887	*
-22.5	1975.694	*1980.223	*1981.239	*1980.223	*1975.694	*1969.105	*1960.131	*1948.778	*1936.601	*1921.952	*
-25.5	1935.757	*1940.643	*1942.292	*1940.643	*1935.757	*1928.744	*1919.624	*1908.454	*1895.931	*1881.635	*
-29.0	1882.646	*1887.374	*1888.974	*1887.374	*1882.646	*1875.948	*1867.376	*1856.762	*1844.108	*1829.903	*
-33.0	1813.725	*1817.921	*1819.271	*1817.921	*1813.725	*1807.550	*1799.432	*1789.421	*1777.583	*1763.689	*
-37.5	1726.495	*1731.287	*1732.372	*1731.287	*1726.495	*1719.712	*1710.707	*1699.555	*1686.340	*1671.159	*
-42.5	1582.238	*1582.661	*1582.873	*1582.661	*1582.238	*1572.216	*1563.060	*1551.477	*1537.717	*1522.032	*
-47.5	1359.005	*1357.348	*1356.518	*1357.348	*1359.005	*1351.458	*1344.164	*1333.797	*1320.337	*1303.778	*
-55.0	1065.103	*1066.786	*1067.628	*1066.786	*1065.103	*1058.790	*1052.516	*1044.577	*1034.917	*1023.483	*
-65.0	735.754	* 738.100	* 739.273	* 738.100	* 735.754	* 729.568	* 723.510	* 716.197	* 707.620	* 697.779	*
-75.0	311.139	* 313.926	* 315.319	* 313.926	* 311.139	* 308.353	* 300.724	* 294.850	* 288.262	* 280.985	*
-85.0	20.207	20.487	20.627	20.487	20.207	19.927	19.647	19.367	19.088	18.289	
-90.0	0.038	0.039	0.039	0.039	0.038	0.038	0.037	0.036	0.035	0.034	

**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	0.000
75.0	0.000	0.000	0.000	0.010	0.041	0.046	0.004	0.000	0.000	0.245
65.0	12.459	12.211	11.146	16.543	23.219	28.697	27.919	20.368	13.235	20.308
55.0	396.857	* 390.083	* 384.223	* 377.482	* 359.493	* 327.346	* 303.524	* 264.244	* 207.727	175.889
47.5	885.065	* 871.433	* 865.308	* 849.926	* 822.330	* 765.289	* 699.683	* 623.904	* 498.527	* 412.919
42.5	1206.954	*1194.530	*1172.032	*1140.705	*1105.812	*1064.181	*981.921	* 859.857	* 727.655	* 584.246
37.5	1479.325	*1454.595	*1423.581	*1387.880	*1352.296	*1298.601	*1214.488	*1085.573	*923.913	* 777.664
33.0	1643.193	*1622.972	*1595.484	*1556.761	*1514.746	*1463.394	*1370.612	*1240.414	*1080.388	*914.222
29.0	1744.097	*1724.151	*1697.601	*1660.265	*1620.556	*1563.455	*1474.297	*1349.855	*1196.697	*1024.681
25.5	1810.493	*1791.287	*1763.500	*1726.926	*1686.007	*1627.005	*1545.330	*1428.928	*1274.708	*1103.605

IES FLOOD REPORT
PHOTOMETRIC FILENAME : TMFL-LED-05L-W-50.IES

CANDELA TABULATION - (Cont.)

22.5	1858.574	*1839.159	*1811.291	*1773.430	*1731.518	*1674.868	*1595.609	*1486.895	*1332.523	*1152.829 *
19.5	1899.509	*1879.956	*1852.580	*1814.516	*1771.157	*1715.877	*1637.728	*1532.503	*1374.904	*1195.993 *
17.0	1929.091	*1909.048	*1881.884	*1844.186	*1800.615	*1743.431	*1667.470	*1562.934	*1406.317	*1226.751 *
15.0	1949.803	*1930.887	*1902.658	*1864.639	*1820.986	*1763.222	*1688.466	*1584.156	*1429.170	*1247.756 *
13.0	1969.640	*1949.377	*1921.097	*1882.441	*1838.941	*1780.615	*1706.599	*1601.123	*1449.659	*1266.173 *
11.0	1986.132	*1966.609	*1937.710	*1898.170	*1854.927	*1795.715	*1720.703	*1616.078	*1467.583	*1281.983 *
9.0	2000.627	*1980.353	*1951.497	*1911.656	*1868.023	*1808.756	*1732.236	*1628.924	*1482.850	*1295.180 *
7.0	2011.398	*1991.737	*1963.258	*1923.393	*1878.979	*1819.345	*1741.898	*1639.571	*1495.377	*1305.770 *
5.0	2020.588	*2000.893	*1972.559	*1932.766	*1887.891	*1827.603	*1749.568	*1647.942	*1505.093	*1313.774 *
3.0	2027.984	*2007.354	*1978.802	*1939.678	*1894.617	*1833.708	*1755.135	*1653.970	*1515.252	*1321.982 *
1.0	2033.409	*2011.397	*1982.607	*1944.393	*1899.042	*1837.536	*1758.505	*1657.912	*1516.241	*1322.472 *
0.0	2034.593	*2012.531	*1983.648	*1945.344	*1900.366	*1838.563	*1759.340	*1658.517	*1516.736	*1322.718 *
-1.0	2035.585	*2013.233	*1984.153	*1946.172	*1901.031	*1839.355	*1760.325	*1659.837	*1518.411	*1325.123 *
-3.0	2034.404	*2012.789	*1983.400	*1945.105	*1900.545	*1839.188	*1760.581	*1659.763	*1521.755	*1329.925 *
-5.0	2030.956	*2009.740	*1980.217	*1942.066	*1897.653	*1836.810	*1758.598	*1657.638	*1516.322	*1327.064 *
-7.0	2025.113	*2003.758	*1974.598	*1936.927	*1892.405	*1832.387	*1754.445	*1653.234	*1511.591	*1324.422 *
-9.0	2017.601	*1996.232	*1967.374	*1929.889	*1884.889	*1825.734	*1748.210	*1646.638	*1504.531	*1319.239 *
-11.0	2007.520	*1987.327	*1959.174	*1921.349	*1875.166	*1816.714	*1739.993	*1637.949	*1495.331	*1311.505 *
-13.0	1996.496	*1976.105	*1947.964	*1908.993	*1863.650	*1805.765	*1729.539	*1627.271	*1484.180	*1301.225 *
-15.0	1982.890	*1963.578	*1934.461	*1894.740	*1850.108	*1792.426	*1716.382	*1614.717	*1471.263	*1288.413 *
-17.0	1967.068	*1946.507	*1917.995	*1878.400	*1834.054	*1776.171	*1701.018	*1599.059	*1456.013	*1273.096 *
-19.5	1940.864	*1921.723	*1894.262	*1854.207	*1810.168	*1753.325	*1678.780	*1576.976	*1431.702	*1251.580 *
-22.5	1905.465	*1886.584	*1858.691	*1820.123	*1777.323	*1721.410	*1646.739	*1545.651	*1398.119	*1222.376 *
-25.5	1865.160	*1846.278	*1819.018	*1781.781	*1740.361	*1685.358	*1610.309	*1507.757	*1357.148	*1189.057 *
-29.0	1813.765	*1794.759	*1768.362	*1732.296	*1691.903	*1639.680	*1561.518	*1455.106	*1302.587	*1143.542 *
-33.0	1747.160	*1728.919	*1702.959	*1665.948	*1625.062	*1572.462	*1495.655	*1383.423	*1234.036	*1078.619 *
-37.5	1654.297	*1633.507	*1605.817	*1569.392	*1528.722	*1476.672	*1403.688	*1286.000	*1137.951	*991.982 *
-42.5	1504.664	*1484.717	*1453.008	*1415.011	*1375.613	*1327.975	*1263.287	*1146.311	*1004.191	*876.046 *
-47.5	1284.127	*1261.397	*1243.972	*1219.426	*1189.589	*1144.772	*1075.067	*974.858	*859.089	*757.461 *
-55.0	1010.232	*995.127	*975.097	*950.847	*919.755	*873.247	*814.385	*740.713	*664.133	*574.030 *
-65.0	686.671	*674.299	*657.063	*631.916	*606.502	*567.829	*524.346	*471.143	*406.710	*332.858 *
-75.0	273.044	*264.466	*252.889	*238.743	*226.012	*208.686	185.583	163.218	137.601	105.593
-85.0	17.845	17.382	16.777	16.025	15.545	14.894	14.024	12.879	11.392	9.435
-90.0	0.033	0.032	0.031	0.029	0.027	0.025	0.023	0.021	0.018	0.015

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	0.000	0.000	0.075	0.059	0.000
75.0	0.309	0.059	0.404	0.175	0.000
65.0	15.445	2.223	1.988	0.291	0.001
55.0	113.852	33.010	7.637	0.511	0.001
47.5	271.075 *	92.987	15.306	0.746	0.001
42.5	395.614 *	149.138	25.725	0.897	0.001
37.5	535.690 *	214.139 *	36.416	1.040	0.001
33.0	643.075 *	274.994 *	46.546	1.162	0.001
29.0	726.029 *	327.429 *	60.825	1.264	0.002
25.5	793.203 *	373.126 *	72.792	1.348	0.002
22.5	844.469 *	403.940 *	82.574	1.415	0.002
19.5	888.533 *	435.453 *	91.841	1.478	0.002
17.0	918.842 *	459.359 *	99.114	1.526	0.002
15.0	940.373 *	476.900 *	104.606	1.563	0.002
13.0	959.491 *	493.006 *	109.781	1.596	0.002
11.0	976.210 *	507.655 *	114.614	1.674	0.002
9.0	990.553 *	520.825 *	119.082	1.687	0.002

IES FLOOD REPORT
PHOTOMETRIC FILENAME : TMFL-LED-05L-W-50.IES

CANDELA TABULATION - (Cont.)

7.0	1002.553	*532.501	* 123.158	1.701	0.002
5.0	1012.252	*542.666	* 128.328	1.714	0.002
3.0	1022.093	*553.042	* 130.589	1.728	0.002
1.0	1025.226	*558.617	* 132.855	1.748	0.002
0.0	1026.794	*561.407	* 133.989	1.748	0.002
-1.0	1028.966	*563.765	* 134.948	1.787	0.002
-3.0	1033.305	*568.477	* 136.865	1.866	0.002
-5.0	1031.214	*568.330	* 138.778	1.944	0.002
-7.0	1029.444	*568.326	* 137.593	2.022	0.002
-9.0	1025.713	*566.710	* 137.462	2.100	0.002
-11.0	1020.068	*563.466	* 136.806	2.178	0.002
-13.0	1012.559	*558.587	* 135.623	2.169	0.002
-15.0	1003.240	*552.064	* 133.911	2.213	0.002
-17.0	992.168	* 543.896	* 131.667	2.250	0.002
-19.5	975.953	* 531.377	* 128.117	2.287	0.002
-22.5	952.507	* 512.983	* 122.764	2.316	0.002
-25.5	925.747	* 494.749	* 116.227	2.326	0.002
-29.0	891.218	* 463.504	* 107.119	2.315	0.002
-33.0	840.739	* 426.678	* 94.793	2.268	0.001
-37.5	771.330	* 379.942	* 84.426	2.172	0.001
-42.5	674.260	* 322.811	* 70.892	2.010	0.001
-47.5	565.171	* 263.855	* 54.933	1.790	0.001
-55.0	409.514	* 179.814	* 36.773	1.355	0.001
-65.0	214.060	* 87.114	* 16.355	0.870	0.001
-75.0	63.967	24.529	5.522	0.553	0.000
-85.0	6.200	3.087	1.243	0.190	0.000
-90.0	0.011	0.006	0.003	0.000	0.000

IES FLOOD REPORT
PHOTOMETRIC FILENAME : TMFL-LED-05L-W-50.IES

LUMEN TABULATION

Average Of Right And Left Sides

Total Luminaire Lumens (one side of beam only) = 2620.05

Total Field Lumens (one side of beam only) = 2561.35

* 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	0.01	0.01	0.02	0.03	0.03	0.03	0.04	0.04	0.04	0.04
55	0.60	1.22	1.25	1.26	1.26	1.25	1.24	1.22	1.19	1.44
47.5	1.47 *	2.98 *	3.01 *	3.01 *	2.99 *	2.96 *	2.92 *	2.86 *	2.79 *	3.40 *
42.5	1.62 *	3.28 *	3.29 *	3.27 *	3.25 *	3.22 *	3.17 *	3.11 *	3.04 *	3.71 *
37.5	2.09 *	4.20 *	4.20 *	4.18 *	4.15 *	4.11 *	4.05 *	3.99 *	3.91 *	4.74 *
33	2.19 *	4.39 *	4.39 *	4.37 *	4.34 *	4.30 *	4.24 *	4.17 *	4.08 *	4.96 *
29	2.12 *	4.25 *	4.24 *	4.22 *	4.19 *	4.15 *	4.09 *	4.03 *	3.94 *	4.80 *
25.5	1.95 *	3.90 *	3.89 *	3.87 *	3.85 *	3.81 *	3.76 *	3.69 *	3.62 *	4.41 *
22.5	1.73 *	3.45 *	3.44 *	3.43 *	3.40 *	3.37 *	3.32 *	3.27 *	3.21 *	3.91 *
19.5	1.77 *	3.54 *	3.53 *	3.51 *	3.49 *	3.45 *	3.40 *	3.35 *	3.28 *	4.00 *
17	1.50 *	3.00 *	3.00 *	2.98 *	2.96 *	2.93 *	2.89 *	2.84 *	2.79 *	3.40 *
15	1.22 *	2.44 *	2.43 *	2.42 *	2.40 *	2.37 *	2.34 *	2.30 *	2.26 *	2.76 *
13	1.23 *	2.46 *	2.46 *	2.44 *	2.42 *	2.40 *	2.37 *	2.33 *	2.28 *	2.79 *
11	1.24 *	2.48 *	2.48 *	2.47 *	2.45 *	2.42 *	2.39 *	2.35 *	2.30 *	2.81 *
9	1.25 *	2.50 *	2.50 *	2.49 *	2.46 *	2.44 *	2.40 *	2.37 *	2.32 *	2.83 *
7	1.26 *	2.52 *	2.52 *	2.50 *	2.48 *	2.45 *	2.42 *	2.38 *	2.34 *	2.85 *
5	1.27 *	2.53 *	2.53 *	2.51 *	2.49 *	2.47 *	2.43 *	2.39 *	2.35 *	2.87 *
3	1.27 *	2.54 *	2.54 *	2.52 *	2.50 *	2.48 *	2.44 *	2.40 *	2.36 *	2.88 *
1	1.28 *	2.55 *	2.54 *	2.53 *	2.51 *	2.48 *	2.45 *	2.41 *	2.37 *	2.89 *
0	0.64 *	1.28 *	1.28 *	1.27 *	1.26 *	1.24 *	1.23 *	1.21 *	1.18 *	1.44 *
-1	0.64 *	1.28 *	1.28 *	1.27 *	1.26 *	1.24 *	1.23 *	1.21 *	1.19 *	1.45 *
	1.28 *	2.56 *	2.55 *	2.53 *	2.51 *	2.49 *	2.45 *	2.42 *	2.37 *	2.89 *

IES FLOOD REPORT
PHOTOMETRIC FILENAME : TMFL-LED-05L-W-50.IES

LUMENS TABULATION - (Cont.)

-3	1.28 *	2.55 *	2.54 *	2.53 *	2.51 *	2.48 *	2.45 *	2.41 *	2.37 *	2.89 *
-5	1.28 *	2.55 *	2.54 *	2.52 *	2.50 *	2.48 *	2.45 *	2.41 *	2.36 *	2.88 *
-7	1.27 *	2.54 *	2.53 *	2.52 *	2.49 *	2.47 *	2.44 *	2.40 *	2.35 *	2.87 *
-9	1.27 *	2.53 *	2.52 *	2.51 *	2.49 *	2.46 *	2.43 *	2.39 *	2.34 *	2.86 *
-11	1.26 *	2.52 *	2.51 *	2.49 *	2.47 *	2.45 *	2.42 *	2.38 *	2.33 *	2.85 *
-13	1.25 *	2.50 *	2.49 *	2.48 *	2.46 *	2.43 *	2.40 *	2.36 *	2.32 *	2.83 *
-15	1.25 *	2.49 *	2.48 *	2.46 *	2.44 *	2.41 *	2.38 *	2.34 *	2.30 *	2.81 *
-17	1.54 *	3.08 *	3.07 *	3.05 *	3.02 *	2.99 *	2.95 *	2.90 *	2.85 *	3.47 *
-19.5	1.82 *	3.64 *	3.63 *	3.60 *	3.57 *	3.53 *	3.48 *	3.43 *	3.36 *	4.10 *
-22.5	1.79 *	3.58 *	3.56 *	3.53 *	3.50 *	3.46 *	3.41 *	3.36 *	3.30 *	4.02 *
-25.5	2.04 *	4.07 *	4.05 *	4.02 *	3.99 *	3.94 *	3.89 *	3.82 *	3.75 *	4.57 *
-29	2.26 *	4.51 *	4.48 *	4.45 *	4.41 *	4.36 *	4.30 *	4.23 *	4.15 *	5.06 *
-33	2.43 *	4.86 *	4.83 *	4.80 *	4.75 *	4.69 *	4.62 *	4.55 *	4.46 *	5.43 *
-37.5	2.52 *	5.04 *	5.01 *	4.97 *	4.92 *	4.86 *	4.78 *	4.69 *	4.59 *	5.58 *
-42.5	2.24 *	4.48 *	4.46 *	4.42 *	4.37 *	4.31 *	4.23 *	4.15 *	4.05 *	4.92 *
-47.5	2.77 *	5.53 *	5.51 *	5.46 *	5.40 *	5.32 *	5.23 *	5.12 *	5.00 *	6.07 *
-55	2.75 *	5.49 *	5.45 *	5.40 *	5.33 *	5.25 *	5.16 *	5.05 *	4.93 *	5.97 *
-65	1.60 *	3.19 *	3.17 *	3.12 *	3.07 *	3.01 *	2.94 *	2.86 *	2.78 *	3.34 *
-75	0.51	1.01	1.00	0.98	0.96	0.93	0.90	0.87	0.84	1.00
-85	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
-90										
Total	62.79	125.59	125.22	124.43	123.34	121.92	120.16	118.08	115.68	140.83

Vert. Angles	Horizontal Angles									
	19.5	22.5	25.5	29	33	37.5	42.5	47.5	55	65
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
75	0.06	0.08	0.12	0.15	0.14	0.10	0.09	0.13	0.07	0.01
65	1.68	1.62	1.75	1.79	1.72	1.47	1.12	1.16	0.63	0.12
55	3.96 *	3.77 *	4.04 *	4.10 *	3.97 *	3.49 *	2.61 *	2.61 *	1.46	0.29

IES FLOOD REPORT
PHOTOMETRIC FILENAME : TMFL-LED-05L-W-50.IES

LUMENS TABULATION - (Cont.)

47.5										
	4.30 *	4.09 *	4.45 *	4.58 *	4.43 *	3.95 *	2.99 *	2.97 *	1.73 *	0.37
42.5	5.46 *	5.20 *	5.71 *	5.95 *	5.79 *	5.24 *	4.06 *	4.10 *	2.46 *	0.55
37.5	5.72 *	5.46 *	6.00 *	6.28 *	6.18 *	5.68 *	4.48 *	4.61 *	2.85 *	0.67
33	5.55 *	5.30 *	5.84 *	6.13 *	6.08 *	5.68 *	4.54 *	4.73 *	3.00 *	0.74
29	5.11 *	4.89 *	5.39 *	5.67 *	5.68 *	5.36 *	4.33 *	4.56 *	2.95 *	0.76
25.5	4.53 *	4.33 *	4.78 *	5.05 *	5.08 *	4.83 *	3.93 *	4.17 *	2.75 *	0.73 *
22.5	4.64 *	4.44 *	4.90 *	5.19 *	5.25 *	5.01 *	4.08 *	4.37 *	2.93 *	0.79 *
19.5	3.94 *	3.77 *	4.16 *	4.41 *	4.48 *	4.28 *	3.50 *	3.78 *	2.57 *	0.71 *
17	3.20 *	3.06 *	3.38 *	3.58 *	3.64 *	3.49 *	2.86 *	3.10 *	2.13 *	0.59 *
15	3.23 *	3.09 *	3.41 *	3.62 *	3.68 *	3.54 *	2.90 *	3.15 *	2.18 *	0.62 *
13	3.26 *	3.12 *	3.44 *	3.66 *	3.72 *	3.58 *	2.94 *	3.20 *	2.23 *	0.64 *
11	3.28 *	3.14 *	3.47 *	3.68 *	3.75 *	3.61 *	2.98 *	3.25 *	2.28 *	0.66 *
9	3.31 *	3.16 *	3.49 *	3.71 *	3.77 *	3.64 *	3.00 *	3.28 *	2.32 *	0.67 *
7	3.32 *	3.18 *	3.51 *	3.73 *	3.79 *	3.67 *	3.03 *	3.31 *	2.35 *	0.69 *
5	3.34 *	3.19 *	3.53 *	3.74 *	3.81 *	3.69 *	3.04 *	3.34 *	2.38 *	0.70 *
3	3.35 *	3.20 *	3.54 *	3.75 *	3.82 *	3.70 *	3.06 *	3.35 *	2.40 *	0.72 *
1	1.68 *	1.60 *	1.77 *	1.88 *	1.91 *	1.85 *	1.53 *	1.68 *	1.21 *	0.36 *
0	1.68 *	1.61 *	1.77 *	1.88 *	1.91 *	1.85 *	1.53 *	1.68 *	1.21 *	0.36 *
-1	3.35 *	3.21 *	3.54 *	3.76 *	3.83 *	3.71 *	3.07 *	3.37 *	2.43 *	0.73 *
-3	3.35 *	3.21 *	3.54 *	3.76 *	3.83 *	3.71 *	3.07 *	3.37 *	2.43 *	0.73 *
-5	3.34 *	3.20 *	3.53 *	3.75 *	3.82 *	3.70 *	3.06 *	3.37 *	2.43 *	0.74 *
-7	3.33 *	3.19 *	3.52 *	3.74 *	3.81 *	3.68 *	3.05 *	3.36 *	2.43 *	0.73 *
-9	3.32 *	3.18 *	3.51 *	3.72 *	3.79 *	3.67 *	3.03 *	3.34 *	2.42 *	0.73 *
-11	3.30 *	3.16 *	3.49 *	3.70 *	3.77 *	3.64 *	3.01 *	3.32 *	2.40 *	0.73 *
-13	3.28 *	3.14 *	3.46 *	3.68 *	3.74 *	3.61 *	2.99 *	3.29 *	2.38 *	0.72 *
-15	3.25 *	3.11 *	3.44 *	3.65 *	3.71 *	3.58 *	2.95 *	3.26 *	2.35 *	0.71 *
-17	4.02 *	3.85 *	4.25 *	4.51 *	4.59 *	4.42 *	3.64 *	4.01 *	2.89 *	0.87 *
-19.5	4.75 *	4.55 *	5.02 *	5.33 *	5.41 *	5.21 *	4.28 *	4.72 *	3.39 *	1.01 *

IES FLOOD REPORT
PHOTOMETRIC FILENAME : TMFL-LED-05L-W-50.IES

LUMENS TABULATION - (Cont.)

-22.5	4.66 *	4.46 *	4.92 *	5.22 *	5.30 *	5.08 *	4.17 *	4.60 *	3.29 *	0.97 *
-25.5	5.30 *	5.07 *	5.60 *	5.94 *	6.01 *	5.74 *	4.70 *	5.19 *	3.69 *	1.08 *
-29	5.86 *	5.61 *	6.19 *	6.55 *	6.60 *	6.27 *	5.12 *	5.65 *	3.99 *	1.14 *
-33	6.28 *	6.00 *	6.61 *	6.99 *	7.01 *	6.62 *	5.38 *	5.92 *	4.14 *	1.15 *
-37.5	6.44 *	6.14 *	6.76 *	7.14 *	7.13 *	6.67 *	5.40 *	5.92 *	4.08 *	1.12 *
-42.5	5.69 *	5.43 *	5.97 *	6.28 *	6.24 *	5.81 *	4.71 *	5.13 *	3.47 *	0.93
-47.5	7.02 *	6.70 *	7.33 *	7.65 *	7.56 *	7.08 *	5.76 *	6.18 *	4.05 *	1.04
-55	6.86 *	6.49 *	7.03 *	7.26 *	7.14 *	6.66 *	5.32 *	5.47 *	3.39 *	0.83
-65	3.80 *	3.55 *	3.81 *	3.88 *	3.76 *	3.44 *	2.65 *	2.56	1.48	0.35
-75	1.12	1.04	1.10	1.10	1.05	0.95	0.71	0.66	0.37	0.09
-85	0.04	0.03	0.04	0.04	0.04	0.04	0.03	0.03	0.02	0.01
-90	0.04	0.03	0.04	0.04	0.04	0.04	0.03	0.03	0.02	0.01
Total	162.94	155.64	171.15	180.18	180.73	170.98	138.70	149.25	101.62	28.14

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	0.01	
75				
	0.00	0.00	1.23	
65				
	0.01	0.00	25.02	
55				
	0.02	0.00	58.73	
47.5				
	0.03	0.00	64.85	
42.5				
	0.04	0.00	84.20	
37.5				
	0.05	0.00	89.44	
33				
	0.06	0.00	87.68	
29				
	0.06	0.00	81.53	
25.5				
	0.06	0.00	72.77	
22.5				
	0.07	0.00	75.00	
19.5				
	0.06	0.00	63.96	
17				
	0.05	0.00	52.01	

IES FLOOD REPORT
PHOTOMETRIC FILENAME : TMFL-LED-05L-W-50.IES

LUMENS TABULATION - (Cont.)

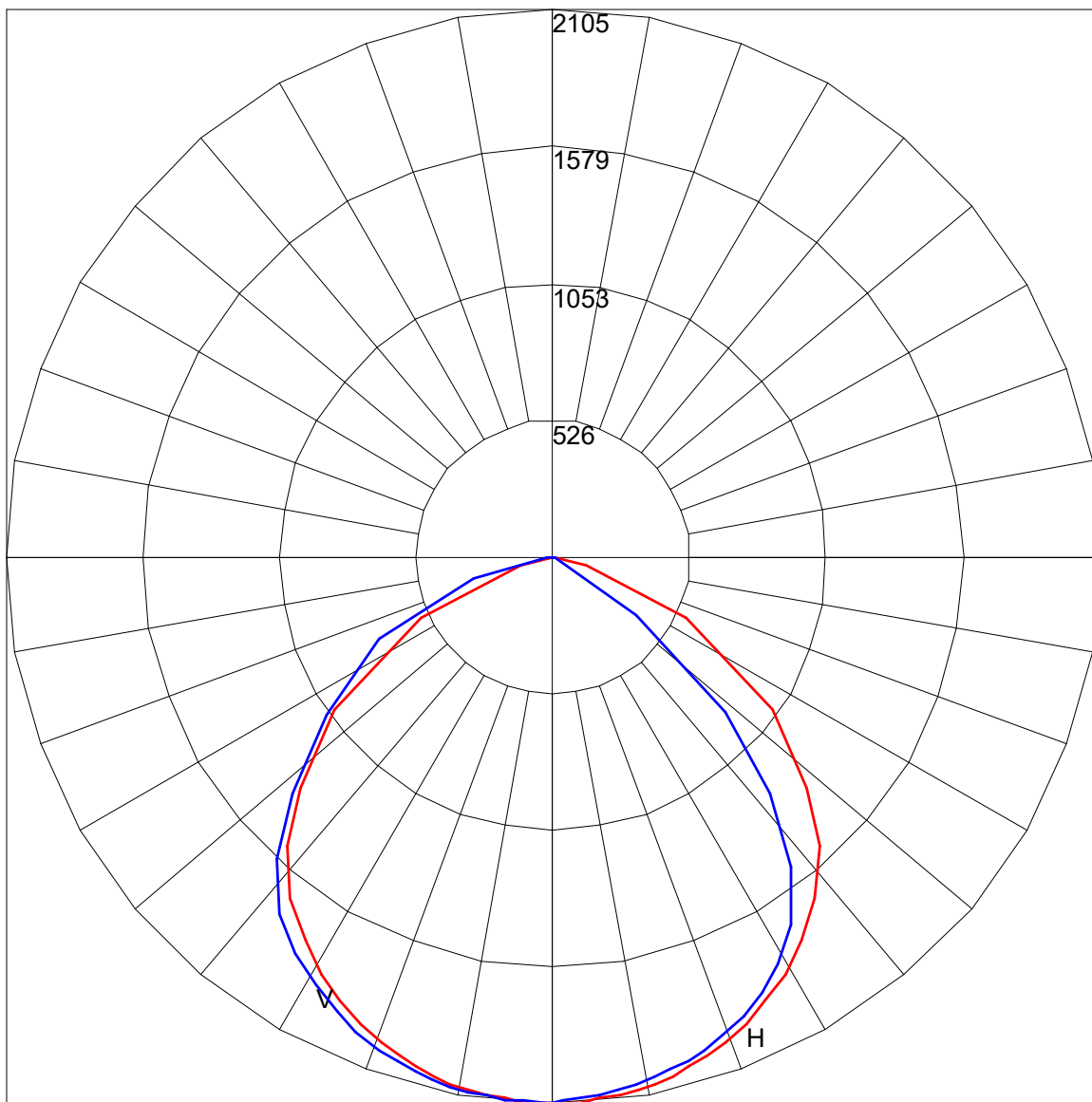
15	0.06	0.00	52.67
13	0.06	0.00	53.24
11	0.06	0.00	53.74
9	0.06	0.00	54.15
7	0.07	0.00	54.49
5	0.07	0.00	54.77
3	0.07	0.00	54.97
1	0.04	0.00	27.53
0	0.04	0.00	27.55
-1	0.07	0.00	55.12
-3	0.07	0.00	55.09
-5	0.07	0.00	54.97
-7	0.07	0.00	54.80
-9	0.07	0.00	54.56
-11	0.07	0.00	54.26
-13	0.07	0.00	53.89
-15	0.07	0.00	53.44
-17	0.09	0.00	66.04
-19.5	0.10	0.00	77.93
-22.5	0.10	0.00	76.27
-25.5	0.11	0.00	86.58
-29	0.11	0.00	95.29
-33	0.11	0.00	101.63
-37.5	0.11	0.00	103.90
-42.5	0.09	0.00	91.34
-47.5	0.09	0.00	111.90
-55	0.07	0.00	107.30
-65	0.03	0.00	58.41

IES FLOOD REPORT
PHOTOMETRIC FILENAME : TMFL-LED-05L-W-50.IES

LUMENS TABULATION - (Cont.)

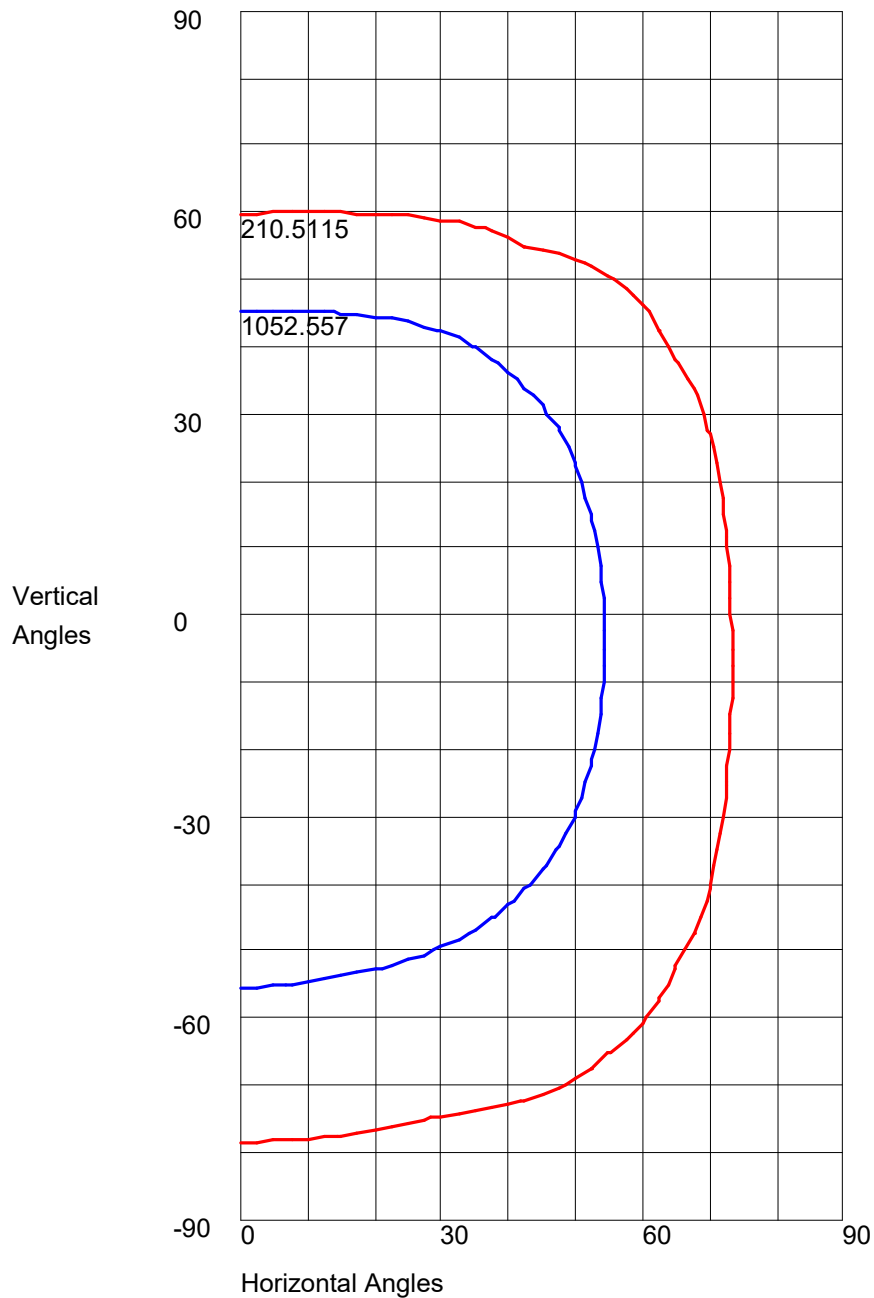
-75	0.01	0.00	17.21
-85	0.00	0.00	0.57
-90			
Total	2.65	0.01	2620.05

AXIAL CANDELA DISPLAY



Maximum Candela = 2105.115 Located At Horizontal Angle = -1, Vertical Angle = 0
H - Horizontal Axial Candela
V - Vertical Axial Candela

ISOCANDELA CURVES



Maximum Candela = 2105.115 Located At Horizontal Angle = -1, Vertical Angle = 0
50% Maximum Candela = 1052.5575
10% Maximum Candela = 210.5115