



**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : TCCL96M-40.IES**

**DESCRIPTION INFORMATION (From Photometric File)**

IESNA:LM-63-2002  
 [TEST] 11890707.05P4  
 [TESTLAB] UL Verification Services Inc.  
 [ISSUEDATE] 7/16/2022  
 [MANUFAC] Lamar LED  
 [LUMCAT] TCCL96M-40  
 [LUMINAIRE] White formed steel housing, frosted plastic lens enclosure  
 [LAMP] 112 white LEDs  
 [BALLAST] One Espen VPL50-xxx-MVHDA-PD-2C driver  
 [OTHER] 25.6 C, 120.074 V, 0.553 A, 66.4 W, 0.995853 PF, 59.9981  
 [MORE] Hz  
 [OTHER] This test was performed using the calibrated photodetector met  
 [MORE] hod of absolute photometry.  
 [\_ CONVERT] Luminaire test position and photometric web converted from original test data  
 [\_ CONVERT] Luminaire test position and photometric web converted from original test data

**CHARACTERISTICS**

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	8082
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	122
Total Luminaire Watts	66.4
Ballast Factor	1.00
CIE Type	Semi-Direct
Spacing Criterion (0-180)	1.96
Spacing Criterion (90-270)	1.24
Spacing Criterion (Diagonal)	1.50
Basic Luminous Shape	Rectangular w/Sides
Luminous Length (0-180)	7.63 ft
Luminous Width (90-270)	0.13 ft
Luminous Height	0.06 ft

**LUMINANCE DATA (cd/sq.m)**

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	36287	22247	11639
55	43416	23566	9699
65	56115	24673	7506
75	83933	26391	4825
85	212591	30423	1271

CANDELA TABULATION

	<u>0.0</u>	<u>2.5</u>	<u>5.0</u>	<u>7.5</u>	<u>10.0</u>	<u>12.5</u>	<u>15.0</u>	<u>17.5</u>	<u>20.0</u>	<u>22.5</u>
0.0	1685.472	1685.472	1685.472	1685.472	1685.472	1685.472	1685.472	1685.472	1685.472	1685.472
2.5	1742.941	1742.744	1742.546	1742.351	1742.154	1741.961	1741.770	1738.795	1737.766	1736.632
5.0	1797.507	1797.136	1796.765	1796.396	1796.031	1792.818	1791.214	1789.393	1787.361	1785.122
7.5	1848.591	1848.058	1847.529	1847.000	1843.775	1841.741	1839.387	1836.715	1833.731	1830.448
10.0	1895.902	1895.230	1894.559	1891.900	1889.692	1887.057	1883.999	1880.530	1876.659	1872.398
12.5	1940.599	1939.871	1939.148	1935.910	1933.238	1929.980	1926.256	1921.964	1917.158	1911.851
15.0	1985.007	1984.207	1983.410	1979.413	1976.145	1972.187	1967.559	1962.277	1956.364	1949.843
17.5	2027.674	2026.960	2024.518	2021.635	2017.885	2013.273	2007.819	2001.542	1994.470	1986.635
20.0	2067.148	2066.574	2064.009	2060.935	2056.861	2051.802	2045.780	2038.824	2030.969	2022.279
22.5	2104.301	2103.655	2100.719	2097.253	2092.693	2087.089	2080.493	2072.961	2064.558	2054.539
25.0	2139.420	2138.745	2135.395	2131.411	2126.163	2119.717	2112.140	2103.518	2093.702	2081.762
27.5	2170.477	2170.032	2166.599	2162.412	2156.761	2149.713	2141.351	2130.849	2117.888	2104.034
30.0	2194.857	2195.167	2192.392	2188.704	2183.346	2176.368	2166.066	2152.931	2138.696	2123.463
32.5	2215.756	2216.789	2214.448	2211.152	2205.959	2196.461	2184.621	2171.006	2157.210	2138.870
35.0	2233.460	2234.237	2233.105	2229.894	2221.829	2211.829	2199.153	2185.322	2168.523	2153.683
37.5	2247.682	2248.900	2248.080	2242.056	2234.208	2222.929	2213.728	2202.380	2190.016	2171.127
40.0	2256.680	2260.340	2257.336	2251.043	2249.019	2244.967	2235.348	2222.572	2205.657	2185.712
42.5	2261.904	2268.279	2274.427	2280.740	2278.384	2271.595	2260.729	2245.535	2225.752	2203.391
45.0	2293.252	2343.828	2357.855	2347.250	2333.975	2316.409	2296.154	2273.293	2247.738	2220.868
47.5	2261.904	2268.081	2280.837	2288.834	2296.734	2293.769	2284.111	2269.450	2250.354	2228.319
50.0	2256.680	2260.998	2255.884	2256.368	2257.112	2251.539	2244.967	2233.708	2217.804	2197.988
52.5	2247.682	2249.271	2246.015	2237.540	2230.651	2225.668	2214.837	2201.136	2182.975	2163.956
55.0	2233.460	2234.557	2232.849	2223.281	2211.979	2198.765	2188.306	2172.207	2152.155	2128.538
57.5	2215.756	2216.070	2213.566	2205.091	2191.888	2174.893	2159.375	2143.066	2123.239	2099.185
60.0	2194.857	2194.064	2190.365	2182.603	2168.426	2151.124	2130.488	2111.951	2091.735	2067.747
62.5	2170.477	2168.180	2162.941	2154.751	2140.482	2122.993	2102.460	2079.943	2058.589	2035.279
65.0	2139.420	2136.529	2130.783	2122.274	2109.325	2092.004	2071.694	2049.075	2023.599	1997.866
67.5	2104.301	2102.747	2095.681	2087.352	2075.932	2058.653	2037.766	2013.935	1987.304	1957.897
70.0	2067.148	2065.573	2058.407	2049.727	2038.156	2020.647	1999.244	1974.361	1946.956	1916.811
72.5	2027.674	2025.414	2017.532	2008.122	1995.774	1978.691	1957.028	1932.645	1905.692	1875.838
75.0	1985.007	1982.019	1973.674	1963.977	1951.631	1935.945	1915.872	1890.005	1863.002	1833.001
77.5	1940.599	1937.323	1928.909	1919.128	1906.694	1891.633	1870.435	1845.723	1818.174	1787.657
80.0	1895.902	1892.086	1883.206	1873.054	1860.392	1845.276	1824.984	1799.443	1770.994	1740.015
82.5	1848.591	1844.552	1835.333	1824.814	1811.727	1796.127	1776.481	1750.126	1720.497	1688.168
85.0	1797.507	1793.263	1783.740	1772.875	1759.360	1743.233	1724.366	1697.318	1666.999	1633.842
87.5	1742.941	1738.414	1728.608	1717.478	1703.728	1687.404	1668.564	1642.641	1611.812	1578.272
90.0	1685.472	1680.776	1670.915	1659.769	1646.068	1629.858	1611.195	1589.170	1555.829	1522.045
92.5	1626.551	1621.747	1611.921	1600.842	1587.276	1571.263	1552.850	1530.639	1499.102	1464.853
95.0	1566.760	1561.856	1552.093	1541.072	1527.569	1511.596	1493.170	1472.327	1441.378	1407.094
97.5	1506.970	1501.733	1491.778	1480.596	1466.999	1450.987	1432.572	1411.779	1383.396	1349.311
100.0	1446.597	1441.015	1430.872	1419.565	1405.954	1390.048	1371.869	1351.446	1325.946	1292.186
102.5	1385.646	1379.861	1369.777	1358.585	1345.202	1329.626	1311.869	1291.948	1269.612	1236.244
105.0	1326.144	1320.104	1309.937	1298.723	1285.434	1270.073	1252.663	1233.226	1211.790	1181.205
107.5	1266.643	1260.473	1250.239	1239.004	1225.772	1210.568	1193.426	1174.383	1155.916	1126.528
110.0	1205.401	1199.532	1189.362	1178.441	1165.598	1150.853	1134.224	1115.747	1095.662	1072.176
112.5	1145.030	1138.969	1129.171	1118.445	1105.863	1091.442	1075.200	1057.166	1037.368	1015.848
115.0	1084.657	1078.624	1068.991	1058.458	1046.134	1032.033	1016.172	998.575	979.272	958.395
117.5	1024.286	1018.289	1008.852	998.557	986.549	972.839	957.448	940.390	921.696	901.506
120.0	964.496	958.541	949.304	939.254	927.574	914.277	899.380	882.906	864.874	845.476
122.5	905.283	899.405	890.423	880.677	869.406	856.623	842.349	826.610	809.429	790.829
125.0	846.945	841.232	832.550	823.130	812.232	799.867	786.049	770.791	754.114	737.358
127.5	789.184	783.560	775.118	765.985	755.468	743.585	730.349	715.782	699.911	682.759
130.0	732.006	726.576	718.430	709.621	699.485	688.039	675.299	661.294	646.043	629.571
132.5	674.537	669.349	661.534	653.086	643.361	632.382	620.174	606.757	592.158	576.406

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : TCCL96M-40.IES**

**CANDELA TABULATION - (Cont.)**

<b>135.0</b>	616.487	611.607	604.270	596.341	587.210	576.902	565.432	552.819	539.089	524.264
<b>137.5</b>	559.889	555.288	548.316	540.949	532.078	522.252	511.553	499.280	486.180	472.121
<b>140.0</b>	502.711	498.425	494.142	484.849	476.715	467.526	457.298	446.058	433.826	420.631
<b>142.5</b>	446.111	442.190	438.274	429.629	422.075	413.518	403.975	393.466	382.010	369.631
<b>145.0</b>	390.093	386.507	382.923	374.870	367.847	359.869	350.955	341.119	330.381	318.756
<b>147.5</b>	334.367	331.086	327.809	320.257	313.685	306.199	297.811	288.536	278.390	267.389
<b>150.0</b>	277.970	274.984	272.200	264.900	258.738	251.691	243.770	234.987	225.358	214.896
<b>152.5</b>	220.298	217.583	214.870	208.218	202.460	195.851	188.402	180.120	171.020	161.112
<b>155.0</b>	161.378	158.912	156.447	150.160	144.737	138.483	131.406	123.516	114.824	105.342
<b>157.5</b>	99.933	97.690	95.449	89.728	84.872	79.346	73.184	66.424	59.095	51.238
<b>160.0</b>	37.007	35.675	34.344	31.410	28.951	26.269	23.406	20.409	17.319	14.175
<b>162.5</b>	2.670	2.569	2.469	2.262	2.079	1.886	1.688	1.468	1.251	1.031
<b>165.0</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
<b>167.5</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
<b>170.0</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
<b>172.5</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
<b>175.0</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
<b>177.5</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
<b>180.0</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

**Vert. Angles**      **Horizontal Angles**

	<b>25.0</b>	<b>27.5</b>	<b>30.0</b>	<b>32.5</b>	<b>35.0</b>	<b>37.5</b>	<b>40.0</b>	<b>42.5</b>	<b>45.0</b>	<b>47.5</b>
<b>0.0</b>	1685.472	1685.472	1685.472	1685.472	1685.472	1685.472	1685.472	1685.472	1685.472	1685.472
<b>2.5</b>	1735.398	1734.063	1732.633	1731.110	1729.496	1727.796	1726.014	1724.112	1722.213	1720.203
<b>5.0</b>	1782.682	1780.047	1777.222	1774.211	1771.027	1767.672	1764.158	1760.490	1756.678	1752.728
<b>7.5</b>	1826.870	1823.009	1818.873	1814.475	1809.825	1804.936	1799.820	1794.491	1788.961	1782.897
<b>10.0</b>	1867.757	1862.756	1857.404	1851.720	1845.721	1839.424	1832.429	1825.093	1817.491	1809.648
<b>12.5</b>	1906.061	1899.807	1893.108	1885.988	1878.223	1870.064	1861.555	1852.723	1843.596	1834.199
<b>15.0</b>	1942.742	1935.090	1926.818	1917.931	1908.556	1898.728	1888.482	1877.784	1866.498	1854.909
<b>17.5</b>	1978.070	1968.749	1958.777	1948.229	1937.152	1926.154	1913.168	1900.334	1887.114	1873.333
<b>20.0</b>	2012.178	2001.093	1989.247	1976.700	1963.268	1948.723	1933.718	1919.561	1901.982	1885.408
<b>22.5</b>	2043.286	2030.653	2016.671	2001.009	1984.599	1967.639	1950.167	1932.268	1914.025	1895.000
<b>25.0</b>	2068.579	2055.409	2038.324	2021.461	2003.773	1984.232	1964.225	1943.773	1922.957	1903.266
<b>27.5</b>	2089.316	2073.242	2056.522	2038.252	2018.465	1999.976	1975.413	1952.408	1929.004	1905.281
<b>30.0</b>	2106.618	2089.133	2070.382	2050.840	2029.757	2007.179	1983.350	1957.709	1931.813	1905.646
<b>32.5</b>	2120.789	2101.170	2081.122	2060.662	2039.204	2015.039	1990.152	1962.406	1934.360	1905.548
<b>35.0</b>	2135.637	2116.374	2094.955	2072.338	2047.730	2021.500	1993.810	1964.096	1933.738	1902.033
<b>37.5</b>	2151.520	2129.479	2105.619	2080.648	2052.846	2024.026	1993.611	1961.619	1930.648	1894.504
<b>40.0</b>	2163.956	2138.632	2112.277	2084.489	2053.795	2022.107	1989.106	1954.799	1919.649	1882.695
<b>42.5</b>	2178.586	2150.698	2121.293	2090.446	2056.297	2021.188	1985.177	1947.553	1908.587	1868.118
<b>45.0</b>	2192.583	2161.026	2128.074	2093.788	2057.105	2019.123	1980.588	1941.147	1899.550	1857.031
<b>47.5</b>	2199.491	2165.291	2128.784	2091.022	2051.995	2011.866	1971.115	1929.566	1886.296	1841.669
<b>50.0</b>	2173.526	2146.000	2116.551	2081.190	2040.906	1999.250	1956.956	1913.170	1868.321	1822.310
<b>52.5</b>	2141.273	2114.334	2083.687	2050.203	2014.393	1976.850	1937.698	1892.786	1845.897	1797.437
<b>55.0</b>	2106.021	2079.654	2049.421	2015.982	1980.564	1943.415	1903.479	1861.741	1818.006	1768.226
<b>57.5</b>	2071.690	2042.265	2012.002	1979.243	1944.083	1905.749	1865.578	1823.585	1777.816	1730.878
<b>60.0</b>	2039.681	2007.296	1972.540	1939.754	1903.524	1865.143	1824.547	1780.874	1735.316	1688.439
<b>62.5</b>	2005.092	1972.661	1936.912	1897.414	1860.019	1821.289	1779.799	1736.078	1690.405	1642.272
<b>65.0</b>	1967.898	1934.967	1898.312	1858.762	1815.984	1774.302	1732.761	1688.704	1642.305	1593.265
<b>67.5</b>	1927.767	1894.453	1857.964	1818.404	1774.902	1728.578	1682.981	1638.526	1591.465	1540.165
<b>70.0</b>	1886.257	1852.787	1816.284	1775.583	1731.887	1685.080	1634.917	1585.621	1536.485	1484.232
<b>72.5</b>	1843.693	1809.525	1772.024	1730.930	1689.403	1639.084	1588.028	1533.284	1478.892	1426.582
<b>75.0</b>	1799.687	1764.102	1725.920	1684.190	1639.038	1589.949	1540.024	1482.138	1423.949	1367.427
<b>77.5</b>	1753.674	1718.717	1677.040	1634.507	1587.669	1538.037	1485.222	1429.590	1371.483	1310.546
<b>80.0</b>	1704.597	1666.812	1624.968	1581.280	1534.149	1485.140	1431.399	1375.900	1317.659	1256.969

**IES INDOOR REPORT  
PHOTOMETRIC FILENAME : TCCL96M-40.IES**

**CANDELA TABULATION - (Cont.)**

82.5	1652.174	1613.112	1570.892	1526.318	1479.274	1429.399	1376.886	1321.164	1263.551	1202.706
85.0	1597.526	1558.095	1515.781	1470.448	1423.508	1373.478	1320.992	1266.005	1208.150	1147.722
87.5	1541.783	1502.241	1460.294	1414.359	1366.773	1317.362	1265.353	1210.230	1152.623	1092.371
90.0	1485.413	1445.535	1403.001	1357.939	1310.522	1261.086	1208.997	1154.405	1097.208	1038.470
92.5	1427.927	1388.535	1346.172	1301.458	1254.114	1204.660	1153.179	1099.613	1043.961	986.010
95.0	1370.310	1330.947	1289.016	1244.680	1198.113	1149.359	1099.414	1046.930	992.241	935.169
97.5	1312.697	1273.738	1232.428	1190.602	1143.654	1096.470	1047.775	996.080	942.625	888.791
100.0	1255.993	1217.599	1177.309	1134.870	1090.720	1044.754	997.556	947.813	894.885	839.516
102.5	1200.693	1163.011	1123.430	1081.899	1038.845	994.353	948.399	901.215	848.850	793.943
105.0	1146.115	1109.044	1070.388	1029.999	988.009	944.594	899.679	853.217	805.010	750.200
107.5	1092.119	1055.917	1018.059	978.587	937.525	894.865	851.060	805.508	759.073	708.181
110.0	1038.435	1003.435	965.908	927.183	886.880	845.394	802.531	758.584	713.582	668.358
112.5	984.796	950.066	913.807	876.154	837.014	796.703	755.181	712.569	669.277	624.927
115.0	931.470	897.672	862.397	825.900	787.987	748.976	709.065	667.899	626.217	583.572
117.5	878.850	846.079	811.846	776.760	740.333	702.645	664.050	624.404	584.228	543.288
120.0	824.861	795.875	762.981	728.809	693.471	657.003	619.995	582.022	543.280	504.003
122.5	770.797	746.189	714.220	681.348	647.579	612.714	577.015	540.524	503.248	465.995
125.0	717.009	696.682	666.798	635.187	602.636	569.102	534.795	500.045	464.621	429.008
127.5	664.395	644.839	619.891	590.681	558.251	526.232	494.367	460.427	426.750	392.710
130.0	611.935	593.177	573.392	544.121	514.464	484.096	452.994	421.433	389.425	358.673
132.5	559.676	541.978	523.230	499.606	471.672	442.348	412.772	382.980	352.764	322.242
135.0	508.358	491.402	473.448	454.524	428.146	401.008	373.289	346.053	316.392	287.293
137.5	458.447	441.019	424.220	406.534	385.871	360.181	333.914	307.673	279.758	251.898
140.0	406.495	391.512	375.647	358.924	341.363	319.201	294.280	268.782	242.656	215.752
142.5	356.348	342.204	327.206	311.373	294.729	277.242	254.110	230.236	204.652	178.664
145.0	306.269	292.883	278.577	263.454	247.538	230.849	213.065	189.511	165.957	140.898
147.5	255.554	243.618	229.147	214.607	199.280	183.222	166.162	148.169	125.714	103.292
150.0	203.617	191.537	178.476	164.551	149.848	134.388	118.187	100.557	82.139	62.345
152.5	150.412	138.932	126.520	113.009	98.719	83.878	67.865	52.554	38.746	24.797
155.0	95.067	84.029	72.237	61.058	49.655	37.934	25.933	13.685	8.071	4.989
157.5	42.884	34.067	24.823	17.388	13.437	9.760	6.328	3.240	0.562	0.355
160.0	11.019	7.892	4.829	1.864	1.013	0.755	0.519	0.310	0.131	0.000
162.5	0.810	0.595	0.383	0.182	0.000	0.000	0.000	0.000	0.000	0.000
165.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
167.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
170.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
172.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
175.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
177.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
180.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

**Vert. Horizontal Angles**

	<u>50.0</u>	<u>52.5</u>	<u>55.0</u>	<u>57.5</u>	<u>60.0</u>	<u>62.5</u>	<u>65.0</u>	<u>67.5</u>	<u>70.0</u>	<u>72.5</u>
0.0	1685.472	1685.472	1685.472	1685.472	1685.472	1685.472	1685.472	1685.472	1685.472	1685.472
2.5	1718.128	1715.988	1713.791	1711.538	1709.237	1706.891	1704.505	1702.083	1699.633	1697.156
5.0	1748.652	1744.459	1740.157	1735.756	1731.077	1726.289	1721.430	1716.504	1711.528	1706.510
7.5	1776.611	1770.151	1763.537	1756.780	1749.897	1742.874	1735.820	1730.359	1721.013	1713.402
10.0	1801.582	1793.312	1784.868	1775.758	1766.393	1756.899	1747.297	1737.608	1727.854	1717.714
12.5	1823.905	1813.323	1802.531	1791.563	1780.441	1768.495	1756.216	1744.067	1731.758	1721.171
15.0	1843.051	1830.955	1817.899	1804.508	1790.962	1777.300	1762.735	1747.893	1733.019	1718.141
17.5	1858.622	1843.674	1828.539	1812.617	1796.187	1779.705	1762.938	1745.234	1727.585	1710.039
20.0	1868.592	1851.070	1833.319	1815.453	1796.515	1777.429	1758.377	1738.026	1717.698	1697.713
22.5	1875.674	1856.088	1835.644	1814.988	1794.030	1772.346	1750.750	1727.844	1704.868	1681.861
25.0	1879.984	1858.005	1835.220	1812.021	1788.538	1764.289	1740.200	1714.558	1688.999	1663.042
27.5	1881.252	1856.797	1831.761	1805.894	1779.875	1753.128	1728.377	1698.076	1670.026	1640.997

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : TCCL96M-40.IES**

**CANDELA TABULATION - (Cont.)**

30.0	1879.228	1852.305	1825.008	1796.427	1767.904	1738.762	1709.202	1678.338	1647.415	1615.687
32.5	1876.533	1846.920	1816.778	1785.637	1754.162	1722.404	1689.608	1656.326	1622.075	1587.803
35.0	1870.224	1837.869	1804.819	1771.166	1736.866	1702.692	1666.817	1630.994	1593.835	1556.926
37.5	1859.896	1824.945	1788.977	1752.876	1715.856	1678.623	1640.654	1601.531	1562.249	1522.467
40.0	1845.323	1809.866	1769.155	1730.263	1691.090	1650.976	1610.604	1568.593	1526.300	1484.736
42.5	1826.374	1786.045	1745.320	1703.674	1662.014	1619.905	1575.945	1532.011	1487.439	1443.316
45.0	1813.643	1768.685	1723.238	1677.073	1629.987	1584.333	1538.047	1491.240	1444.795	1398.576
47.5	1796.057	1749.267	1701.552	1653.322	1604.574	1552.809	1500.619	1448.088	1398.429	1350.400
50.0	1773.969	1725.295	1678.416	1625.798	1573.498	1519.923	1465.142	1410.459	1356.065	1301.696
52.5	1747.760	1697.652	1646.375	1593.813	1538.728	1482.354	1425.957	1369.636	1313.360	1257.438
55.0	1717.390	1665.767	1613.095	1556.625	1499.237	1441.300	1383.183	1325.312	1267.711	1210.180
57.5	1682.845	1629.819	1573.332	1515.260	1455.914	1396.370	1337.108	1279.674	1218.805	1159.359
60.0	1638.764	1585.969	1529.839	1469.278	1408.685	1348.273	1288.036	1227.366	1166.408	1105.340
62.5	1591.313	1536.766	1478.726	1419.192	1358.296	1297.048	1235.381	1173.310	1110.420	1047.689
65.0	1540.153	1483.859	1425.680	1365.992	1304.905	1242.361	1179.505	1115.086	1050.859	987.324
67.5	1485.802	1429.305	1370.977	1311.045	1249.536	1189.727	1119.368	1053.397	988.400	924.128
70.0	1429.705	1373.084	1314.625	1254.510	1192.618	1127.184	1059.844	990.750	922.905	857.597
72.5	1371.992	1315.291	1256.821	1196.463	1132.846	1067.142	999.528	930.109	858.567	787.837
75.0	1312.730	1256.153	1197.627	1136.022	1072.211	1006.344	938.719	868.992	797.066	722.473
77.5	1252.236	1196.469	1136.432	1074.745	1010.888	945.334	877.669	807.813	735.377	660.923
80.0	1193.902	1133.855	1074.485	1012.908	949.673	884.307	816.749	746.733	674.664	600.667
82.5	1139.475	1073.492	1012.207	951.502	888.662	823.630	756.261	686.821	615.404	542.171
85.0	1084.470	1019.584	951.813	890.557	828.279	763.744	697.154	628.558	558.093	486.895
87.5	1030.212	967.666	899.288	830.619	769.019	705.481	639.932	572.411	504.460	435.176
90.0	977.248	913.717	848.077	780.139	711.692	649.402	585.137	520.503	454.832	387.518
92.5	925.549	863.211	798.456	731.598	663.296	596.201	534.973	473.132	409.522	344.189
95.0	875.943	814.422	750.536	685.191	618.728	552.116	490.065	430.215	368.233	304.766
97.5	828.080	767.369	704.749	641.355	578.007	514.667	451.887	390.975	330.276	269.618
100.0	781.829	722.108	661.612	600.349	539.687	478.802	417.414	355.460	296.310	239.628
102.5	737.313	679.427	621.129	562.608	503.515	443.943	383.731	324.816	266.879	214.187
105.0	694.916	639.258	582.748	525.851	468.322	409.956	353.139	297.033	243.105	192.204
107.5	654.622	600.620	545.681	490.412	434.489	379.328	325.896	272.114	222.334	174.303
110.0	615.771	563.303	510.107	456.753	403.192	351.056	299.551	250.571	203.403	158.198
112.5	578.423	527.481	476.411	425.042	374.442	325.626	276.647	230.495	185.716	143.465
115.0	540.596	493.322	444.298	395.111	347.590	300.501	255.273	211.292	169.117	128.431
117.5	501.817	459.956	413.606	367.441	321.978	277.429	234.479	192.593	152.344	112.835
120.0	464.143	424.648	384.270	340.317	296.873	254.963	213.892	174.051	134.853	96.304
122.5	428.169	390.362	352.218	313.501	272.436	232.500	193.249	154.585	117.043	87.232
125.0	392.972	356.816	320.766	284.773	248.098	209.690	171.742	135.792	104.044	75.729
127.5	358.776	324.075	290.033	255.765	221.431	186.038	150.306	117.131	86.666	59.432
130.0	324.801	292.266	259.524	226.566	193.235	159.517	125.443	93.238	63.670	36.829
132.5	291.403	260.245	228.715	196.717	165.135	131.029	97.335	63.211	34.448	16.314
135.0	257.748	227.710	197.289	165.996	134.199	101.672	68.483	38.225	13.603	1.036
137.5	223.572	194.398	164.694	134.347	103.677	71.661	46.108	21.499	9.231	2.518
140.0	188.316	160.160	131.187	101.756	75.323	50.295	30.116	17.766	8.575	3.295
142.5	152.051	124.925	99.439	74.655	51.806	35.326	21.214	11.448	4.181	0.898
145.0	116.747	92.849	70.535	51.160	33.954	20.610	10.228	2.133	1.025	0.189
147.5	81.637	61.365	42.519	27.713	15.336	4.245	1.893	0.722	0.000	0.000
150.0	44.051	29.849	16.548	4.199	2.530	1.150	0.000	0.000	0.000	0.000
152.5	11.147	4.173	2.612	1.140	0.000	0.000	0.000	0.000	0.000	0.000
155.0	2.440	0.449	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
157.5	0.193	0.076	0.008	0.000	0.000	0.000	0.000	0.000	0.000	0.000
160.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
162.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
165.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
167.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : TCCL96M-40.IES**

**CANDELA TABULATION - (Cont.)**

<b>170.0</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
<b>172.5</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
<b>175.0</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
<b>177.5</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
<b>180.0</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

**Vert. Horizontal Angles**  
**Angles**

	<u><b>75.0</b></u>	<u><b>77.5</b></u>	<u><b>80.0</b></u>	<u><b>82.5</b></u>	<u><b>85.0</b></u>	<u><b>87.5</b></u>	<u><b>90.0</b></u>	<u><b>92.5</b></u>	<u><b>95.0</b></u>	<u><b>97.5</b></u>
<b>0.0</b>	1685.472	1685.472	1685.472	1685.472	1685.472	1685.472	1685.472	1685.472	1685.472	1685.472
<b>2.5</b>	1694.658	1692.144	1689.620	1687.090	1684.559	1682.033	1680.776	1676.921	1674.375	1671.853
<b>5.0</b>	1701.458	1696.385	1691.297	1686.210	1681.131	1676.075	1670.915	1665.802	1660.733	1655.719
<b>7.5</b>	1705.758	1698.093	1690.426	1682.771	1675.144	1667.471	1659.769	1652.137	1644.587	1637.136
<b>10.0</b>	1707.455	1697.193	1686.946	1676.735	1666.657	1656.277	1646.068	1635.971	1625.999	1616.175
<b>12.5</b>	1706.471	1693.621	1680.817	1668.082	1655.303	1642.512	1629.729	1617.361	1605.043	1592.781
<b>15.0</b>	1702.741	1687.338	1672.019	1657.208	1641.429	1626.219	1611.195	1597.440	1581.571	1566.959
<b>17.5</b>	1691.972	1673.999	1655.990	1638.546	1620.973	1603.731	1589.170	1570.082	1553.775	1537.922
<b>20.0</b>	1676.630	1655.992	1636.947	1615.142	1595.049	1576.506	1555.829	1536.794	1518.280	1499.820
<b>22.5</b>	1658.272	1635.019	1611.806	1588.787	1566.240	1543.885	1522.045	1503.336	1479.516	1458.955
<b>25.0</b>	1636.826	1610.949	1584.944	1559.467	1534.278	1509.566	1485.413	1461.414	1438.135	1415.528
<b>27.5</b>	1612.249	1583.482	1555.021	1526.993	1499.358	1475.146	1445.535	1419.481	1394.180	1369.672
<b>30.0</b>	1584.323	1552.850	1521.990	1491.392	1461.566	1431.546	1403.001	1374.993	1347.861	1321.498
<b>32.5</b>	1553.328	1519.316	1485.347	1452.847	1420.377	1388.668	1357.939	1328.160	1299.084	1270.892
<b>35.0</b>	1519.972	1483.475	1447.495	1411.948	1377.038	1343.186	1310.522	1278.727	1247.846	1218.274
<b>37.5</b>	1483.307	1444.411	1406.155	1368.385	1331.640	1295.998	1261.086	1227.167	1194.685	1163.698
<b>40.0</b>	1443.095	1402.197	1361.602	1322.017	1283.496	1245.757	1208.997	1173.618	1139.670	1108.318
<b>42.5</b>	1399.772	1356.504	1314.176	1272.805	1232.293	1192.704	1154.405	1117.549	1083.378	1050.930
<b>45.0</b>	1352.864	1309.177	1263.760	1220.554	1178.170	1136.976	1097.208	1060.104	1024.813	991.712
<b>47.5</b>	1302.927	1256.153	1210.357	1165.242	1121.226	1078.565	1038.470	1000.263	964.213	930.535
<b>50.0</b>	1249.722	1201.468	1153.710	1106.995	1061.493	1018.399	977.248	938.233	901.658	867.364
<b>52.5</b>	1201.898	1146.387	1094.079	1045.810	999.768	955.691	913.717	874.188	839.077	802.385
<b>55.0</b>	1152.543	1095.480	1038.935	984.101	935.465	890.569	848.077	807.917	770.457	735.504
<b>57.5</b>	1100.181	1041.316	983.945	928.149	873.989	823.218	780.139	739.808	702.204	667.093
<b>60.0</b>	1044.365	984.675	926.436	869.607	814.651	761.816	711.692	670.122	633.465	599.359
<b>62.5</b>	985.934	925.466	866.129	808.449	755.982	699.563	649.402	605.221	563.937	532.279
<b>65.0</b>	924.831	863.230	803.031	744.971	688.246	635.267	585.137	540.073	500.025	468.379
<b>67.5</b>	860.527	798.063	736.991	678.162	622.031	572.114	520.503	477.022	438.278	403.971
<b>70.0</b>	793.146	729.728	668.328	609.439	555.343	501.780	454.832	412.536	374.887	340.935
<b>72.5</b>	722.326	658.600	597.169	538.410	483.694	433.336	387.038	346.563	309.915	277.277
<b>75.0</b>	648.559	584.848	523.548	465.970	412.341	363.076	318.902	279.633	245.004	216.707
<b>77.5</b>	584.602	508.536	448.270	391.580	338.999	291.733	249.933	213.359	183.725	161.795
<b>80.0</b>	524.879	447.956	370.704	315.004	264.822	220.609	182.158	151.325	129.606	114.213
<b>82.5</b>	467.981	392.234	314.750	237.507	191.414	151.196	119.319	97.872	84.358	77.601
<b>85.0</b>	414.254	339.948	265.156	191.326	120.126	87.489	66.397	54.802	51.541	52.606
<b>87.5</b>	364.275	292.494	220.978	151.294	87.489	34.982	25.352	25.728	31.481	33.040
<b>90.0</b>	318.902	249.933	182.158	119.319	66.397	25.352	0.000	10.484	16.478	18.301
<b>92.5</b>	278.052	212.327	150.617	97.557	54.736	25.715	10.484	0.008	6.076	8.015
<b>95.0</b>	241.557	181.902	128.187	83.874	51.404	31.420	16.478	6.115	0.031	1.909
<b>97.5</b>	210.611	158.026	112.497	77.045	52.208	32.894	18.301	8.085	1.977	0.010
<b>100.0</b>	186.788	140.260	101.461	72.625	49.114	30.407	16.142	5.914	0.867	0.037
<b>102.5</b>	166.738	125.283	92.350	64.904	42.271	24.095	9.859	1.739	0.129	0.000
<b>105.0</b>	147.663	110.963	79.945	53.639	31.752	13.751	2.608	0.240	0.000	0.000
<b>107.5</b>	129.140	93.819	64.170	38.828	17.146	3.443	0.349	0.000	0.000	0.000
<b>110.0</b>	115.948	75.163	44.959	19.949	4.197	0.420	0.000	0.000	0.000	0.000
<b>112.5</b>	102.607	63.104	24.501	4.804	0.398	0.000	0.000	0.000	0.000	0.000
<b>115.0</b>	88.824	50.053	20.954	3.683	0.000	0.000	0.000	0.000	0.000	0.000

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : TCCL96M-40.IES**

**CANDELA TABULATION - (Cont.)**

117.5	74.080	45.076	24.676	11.676	2.655	0.000	0.000	0.000	0.000	0.000
120.0	67.363	43.885	26.441	13.230	4.409	0.757	0.000	0.000	0.000	0.000
122.5	61.218	39.995	22.594	9.748	2.717	0.135	0.006	0.000	0.000	0.000
125.0	51.254	30.124	13.605	4.097	0.271	0.018	0.000	0.000	0.000	0.000
127.5	35.121	16.459	4.503	0.377	0.014	0.000	0.000	0.000	0.000	0.000
130.0	17.532	3.488	0.441	0.000	0.000	0.000	0.000	0.000	0.000	0.000
132.5	1.081	0.441	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
135.0	0.359	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
137.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
140.0	0.400	0.062	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
142.5	0.279	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
145.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
147.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
150.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
152.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
155.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
157.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
160.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
162.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
165.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
167.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
170.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
172.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
175.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
177.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
180.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

**Vert. Angles**      **Horizontal Angles**

	<u>100.0</u>	<u>102.5</u>	<u>105.0</u>	<u>107.5</u>	<u>110.0</u>	<u>112.5</u>	<u>115.0</u>	<u>117.5</u>	<u>120.0</u>	<u>122.5</u>
0.0	1685.472	1685.472	1685.472	1685.472	1685.472	1685.472	1685.472	1685.472	1685.472	1685.472
2.5	1669.357	1666.896	1664.471	1662.090	1659.753	1657.468	1655.237	1653.066	1650.956	1648.912
5.0	1650.773	1645.899	1641.109	1636.412	1631.812	1627.320	1622.944	1618.689	1614.510	1610.459
7.5	1629.795	1622.575	1615.490	1608.490	1601.609	1594.897	1588.366	1582.028	1575.891	1569.965
10.0	1607.532	1596.864	1587.427	1578.200	1569.137	1560.424	1551.902	1543.561	1535.455	1527.647
12.5	1580.698	1568.852	1557.260	1545.942	1534.738	1523.718	1513.191	1502.932	1493.037	1484.677
15.0	1552.768	1538.802	1524.840	1511.208	1497.950	1485.083	1472.554	1460.360	1448.613	1437.327
17.5	1522.275	1506.092	1490.055	1474.445	1459.109	1444.208	1429.799	1415.901	1402.550	1389.741
20.0	1481.911	1464.514	1447.792	1431.544	1415.960	1401.072	1385.504	1370.052	1355.190	1340.912
22.5	1439.037	1419.664	1401.006	1383.087	1365.951	1349.621	1334.113	1319.650	1306.080	1291.686
25.0	1393.612	1372.480	1352.106	1332.581	1313.940	1296.441	1279.895	1264.289	1249.874	1236.460
27.5	1345.975	1323.044	1301.048	1280.185	1260.416	1241.652	1224.290	1207.995	1192.692	1178.451
30.0	1295.959	1274.168	1248.244	1226.092	1205.395	1186.001	1167.657	1150.529	1134.445	1119.745
32.5	1243.891	1218.159	1193.655	1170.989	1149.414	1129.149	1110.050	1092.080	1075.504	1059.973
35.0	1189.971	1163.357	1138.399	1114.699	1092.443	1071.302	1051.759	1033.333	1015.557	999.951
37.5	1134.929	1107.647	1081.932	1057.551	1034.676	1013.257	992.994	974.010	956.130	939.330
40.0	1078.637	1051.010	1024.487	999.955	976.598	954.616	933.800	914.062	895.451	878.100
42.5	1020.727	992.473	966.759	941.875	918.097	895.414	873.790	853.352	834.547	816.936
45.0	960.821	932.325	905.993	881.762	858.825	835.341	813.368	792.787	773.639	755.964
47.5	899.171	870.187	843.274	818.381	797.446	774.816	755.041	732.258	712.856	695.458
50.0	835.634	806.027	778.626	753.542	730.827	710.254	691.525	672.010	652.557	635.520
52.5	770.100	740.144	713.020	688.115	666.066	646.570	627.408	610.717	593.702	577.821
55.0	702.969	673.831	646.301	623.364	601.477	581.581	563.598	547.527	533.522	518.028
57.5	635.960	607.446	582.116	558.798	537.198	517.764	500.064	484.910	471.246	459.466
60.0	569.247	542.261	517.505	494.361	473.237	454.411	437.802	423.453	410.475	399.759
62.5	503.705	477.535	452.880	430.004	410.196	393.099	377.382	363.886	352.565	342.259

**IES INDOOR REPORT  
PHOTOMETRIC FILENAME : TCCL96M-40.IES**

**CANDELA TABULATION - (Cont.)**

65.0	438.791	412.620	388.041	367.357	348.765	332.944	319.388	307.274	296.923	286.207
67.5	373.499	349.313	325.810	306.722	290.029	276.545	264.217	253.671	243.874	234.754
70.0	310.329	285.446	265.964	250.518	235.213	223.101	212.311	202.848	193.553	184.892
72.5	250.432	228.364	209.051	195.222	183.514	172.792	163.665	154.565	145.674	136.565
75.0	193.819	175.943	160.029	145.247	135.056	126.104	117.305	108.365	99.084	92.949
77.5	144.628	131.497	119.312	104.524	89.943	81.559	72.746	63.447	62.024	61.595
80.0	104.147	96.166	85.192	71.277	54.457	38.578	29.058	33.926	36.528	36.159
82.5	74.064	67.101	56.811	43.284	25.920	6.316	8.001	15.147	18.836	16.872
85.0	49.829	43.411	33.458	19.535	4.835	1.226	0.000	4.171	6.689	5.063
87.5	30.675	24.530	14.325	3.629	0.668	0.000	0.000	0.000	1.122	0.172
90.0	16.142	9.859	2.608	0.347	0.000	0.000	0.000	0.000	0.000	0.006
92.5	5.805	1.696	0.180	0.000	0.000	0.000	0.000	0.000	0.000	0.000
95.0	0.837	0.092	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
97.5	0.031	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
100.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
102.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
105.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
107.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
110.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
112.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
115.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
117.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
120.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
122.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
125.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
127.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
130.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
132.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
135.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
137.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
140.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
142.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
145.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
147.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
150.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
152.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
155.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
157.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
160.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
162.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
165.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
167.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
170.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
172.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
175.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
177.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
180.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

**Vert. Horizontal Angles**

	<u>125.0</u>	<u>127.5</u>	<u>130.0</u>	<u>132.5</u>	<u>135.0</u>	<u>137.5</u>	<u>140.0</u>	<u>142.5</u>	<u>145.0</u>	<u>147.5</u>
0.0	1685.472	1685.472	1685.472	1685.472	1685.472	1685.472	1685.472	1685.472	1685.472	1685.472
2.5	1646.939	1645.038	1643.215	1641.472	1639.707	1638.237	1636.752	1635.356	1634.056	1632.850
5.0	1606.554	1602.800	1599.201	1595.656	1592.502	1589.408	1586.494	1583.763	1581.218	1578.864
7.5	1564.261	1558.784	1555.442	1548.480	1543.694	1539.171	1534.920	1530.946	1527.255	1523.850
10.0	1520.144	1512.961	1506.102	1499.582	1493.406	1487.525	1481.993	1476.832	1472.048	1467.647



**IES INDOOR REPORT  
PHOTOMETRIC FILENAME : TCCL96M-40.IES**

**CANDELA TABULATION - (Cont.)**

12.5	1474.250	1465.404	1456.975	1448.973	1441.407	1434.288	1428.440	1421.386	1415.618	1410.319
15.0	1426.518	1416.198	1406.370	1397.047	1388.240	1379.954	1372.201	1364.989	1358.462	1352.499
17.5	1377.477	1365.770	1354.636	1344.273	1334.515	1325.357	1316.808	1308.879	1301.575	1294.954
20.0	1327.588	1314.809	1302.676	1291.206	1280.511	1270.496	1261.152	1252.488	1244.512	1239.207
22.5	1277.043	1263.264	1250.182	1237.809	1226.158	1215.151	1204.859	1195.298	1186.477	1178.404
25.0	1223.974	1211.204	1197.043	1183.622	1170.954	1159.078	1148.050	1137.822	1128.402	1119.799
27.5	1164.647	1152.943	1141.725	1129.040	1115.566	1102.929	1091.139	1080.207	1070.146	1060.966
30.0	1105.625	1092.849	1081.091	1070.373	1059.817	1046.399	1034.606	1022.287	1011.620	1001.895
32.5	1045.527	1032.191	1019.913	1008.091	998.565	989.508	976.313	964.166	953.060	942.890
35.0	984.931	970.992	958.172	946.494	936.100	926.918	918.882	908.201	894.814	884.401
37.5	923.670	909.216	896.181	884.315	873.683	864.478	856.457	848.848	837.213	826.725
40.0	862.219	847.531	834.264	822.341	811.635	802.562	794.179	788.391	780.672	769.665
42.5	800.819	786.059	772.618	760.975	750.577	741.461	733.603	726.933	722.168	712.838
45.0	739.648	725.172	711.946	700.176	689.667	680.346	672.763	666.429	661.329	656.804
47.5	679.329	664.821	651.612	639.760	629.542	620.543	612.917	606.581	601.449	597.592
50.0	619.610	605.047	592.119	580.392	570.234	561.269	553.594	547.319	542.138	538.146
52.5	560.660	546.194	533.421	521.824	511.747	502.377	495.288	489.071	483.951	479.944
55.0	502.512	488.329	475.765	464.637	454.596	445.961	438.339	431.659	426.621	422.296
57.5	445.453	432.087	419.709	408.759	398.736	390.142	382.459	375.900	370.626	366.305
60.0	389.935	377.259	364.991	354.257	344.412	335.773	328.224	321.533	315.832	311.090
62.5	332.856	323.870	312.109	301.421	291.829	282.987	275.007	267.865	261.537	256.212
65.0	278.312	269.864	260.986	250.229	240.218	230.917	222.180	214.349	207.203	200.978
67.5	226.223	217.927	209.774	199.782	188.958	178.853	169.117	160.197	152.151	144.884
70.0	176.105	167.306	159.086	149.270	137.412	126.013	115.273	105.197	96.613	91.483
72.5	127.824	121.748	112.839	100.138	85.053	72.420	61.859	56.450	50.135	47.916
75.0	89.207	82.254	71.017	55.357	35.166	27.042	21.112	23.575	22.377	18.602
77.5	56.998	48.213	34.317	20.253	6.408	1.306	6.705	7.829	5.344	1.837
80.0	30.397	19.627	10.095	0.857	0.363	0.000	0.876	0.648	0.490	0.000
82.5	10.958	3.683	0.465	0.031	0.000	0.000	0.000	0.000	0.000	0.000
85.0	0.429	0.211	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
87.5	0.068	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
90.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
92.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
95.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
97.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
100.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
102.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
105.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
107.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
110.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
112.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
115.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
117.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
120.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
122.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
125.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
127.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
130.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
132.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
135.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
137.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
140.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
142.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
145.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
147.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
150.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : TCCL96M-40.IES**

**CANDELA TABULATION - (Cont.)**

152.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
155.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
157.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
160.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
162.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
165.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
167.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
170.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
172.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
175.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
177.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
180.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

**Vert. Horizontal Angles**  
**Angles**

	<u>150.0</u>	<u>152.5</u>	<u>155.0</u>	<u>157.5</u>	<u>160.0</u>	<u>162.5</u>	<u>165.0</u>	<u>167.5</u>	<u>170.0</u>	<u>172.5</u>
0.0	1685.472	1685.472	1685.472	1685.472	1685.472	1685.472	1685.472	1685.472	1685.472	1685.472
2.5	1631.741	1630.732	1629.826	1629.020	1628.318	1627.724	1627.234	1626.850	1626.573	1626.407
5.0	1576.703	1574.741	1572.979	1571.419	1570.066	1568.917	1567.978	1567.248	1566.730	1566.420
7.5	1520.735	1517.915	1515.395	1513.175	1511.257	1509.646	1508.255	1507.345	1506.654	1506.273
10.0	1463.632	1460.011	1456.784	1453.956	1451.528	1449.502	1447.881	1446.660	1445.844	1445.432
12.5	1405.478	1401.150	1397.287	1393.913	1391.026	1388.633	1386.731	1385.322	1384.407	1383.983
15.0	1347.090	1342.241	1337.951	1334.227	1331.070	1328.478	1326.454	1324.996	1324.104	1323.776
17.5	1288.815	1283.597	1278.866	1274.769	1271.312	1268.497	1266.319	1264.783	1263.885	1263.627
20.0	1230.493	1224.481	1219.168	1214.564	1210.609	1207.494	1205.034	1203.295	1202.276	1201.978
22.5	1171.139	1164.672	1158.975	1154.056	1149.916	1146.560	1143.988	1142.202	1141.202	1140.988
25.0	1112.974	1105.074	1098.965	1093.702	1089.287	1085.723	1083.015	1081.159	1080.158	1080.011
27.5	1052.673	1045.279	1038.787	1033.208	1028.541	1024.793	1021.963	1020.056	1019.070	1019.002
30.0	993.119	985.331	978.576	972.788	967.969	964.125	961.256	959.363	958.447	958.506
32.5	933.833	925.731	918.770	912.827	907.902	903.994	901.109	899.249	898.414	898.603
35.0	875.026	866.701	859.596	853.619	848.675	844.773	841.919	840.116	839.368	839.680
37.5	817.274	808.875	801.540	795.297	790.158	786.133	783.221	781.427	780.752	781.195
40.0	759.778	750.848	744.471	737.208	732.096	728.104	725.239	723.509	722.920	723.474
42.5	702.961	694.197	686.563	680.089	674.762	670.589	667.585	665.760	665.121	665.676
45.0	646.857	637.763	629.561	623.055	617.457	613.042	609.827	607.828	607.059	607.532
47.5	590.975	581.251	573.209	566.198	560.525	556.059	552.819	550.824	550.086	550.615
50.0	535.574	526.093	517.684	510.476	504.468	499.701	496.196	493.976	493.061	493.463
52.5	477.114	471.137	462.302	455.555	448.602	443.718	440.089	437.636	436.715	437.017
55.0	419.327	416.969	408.019	400.264	393.807	388.623	384.737	382.178	380.973	381.143
57.5	363.039	360.880	354.390	346.268	339.434	333.834	329.739	326.936	325.535	325.558
60.0	307.358	304.710	301.028	292.487	285.163	279.137	274.519	271.343	269.635	269.425
62.5	252.257	248.582	246.484	238.184	230.230	223.529	218.327	214.661	212.561	212.057
65.0	195.940	191.761	188.824	182.673	173.995	166.595	160.800	156.642	154.155	153.365
67.5	138.852	134.533	130.781	125.823	118.238	107.944	101.286	96.236	93.290	92.160
70.0	85.893	80.699	74.626	66.323	56.024	49.889	44.484	39.948	36.470	34.243
72.5	42.841	35.111	27.766	18.420	9.063	8.758	8.862	8.114	6.810	5.278
75.0	12.518	3.603	2.764	1.690	0.543	0.326	0.433	0.439	0.371	0.258
77.5	1.212	0.213	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
80.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
82.5	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
87.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
90.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
92.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
95.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
97.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : TCCL96M-40.IES**

**CANDELA TABULATION - (Cont.)**

100.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
102.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
105.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
107.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
110.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
112.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
115.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
117.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
120.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
122.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
125.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
127.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
130.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
132.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
135.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
137.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
140.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
142.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
145.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
147.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
150.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
152.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
155.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
157.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
160.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
162.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
165.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
167.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
170.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
172.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
175.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
177.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
180.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

**Vert. Horizontal Angles**

	<u>175.0</u>	<u>177.5</u>	<u>180.0</u>	<u>182.5</u>	<u>185.0</u>	<u>187.5</u>	<u>190.0</u>	<u>192.5</u>	<u>195.0</u>	<u>197.5</u>
0.0	1685.472	1685.472	1685.472	1685.472	1685.472	1685.472	1685.472	1685.472	1685.472	1685.472
2.5	1626.346	1626.395	1626.551	1626.471	1626.500	1626.635	1626.879	1627.230	1627.687	1628.251
5.0	1566.324	1566.436	1566.760	1566.586	1566.623	1566.871	1567.328	1567.995	1568.872	1569.955
7.5	1506.199	1506.433	1506.970	1506.660	1506.656	1506.955	1507.562	1508.477	1509.695	1511.218
10.0	1445.422	1445.810	1446.597	1446.111	1446.023	1446.332	1447.042	1448.153	1449.667	1451.580
12.5	1384.051	1384.604	1385.646	1384.994	1384.826	1385.146	1386.033	1387.247	1389.029	1391.299
15.0	1324.010	1324.801	1326.144	1325.273	1324.953	1325.189	1325.982	1327.336	1329.251	1331.726
17.5	1264.002	1265.009	1266.643	1265.501	1264.986	1265.173	1265.864	1267.260	1269.397	1271.991
20.0	1202.403	1203.543	1205.401	1204.066	1203.449	1203.551	1204.373	1205.920	1208.187	1211.179
22.5	1141.556	1142.906	1145.030	1143.426	1142.602	1142.559	1143.303	1144.841	1147.171	1150.298
25.0	1080.712	1082.264	1084.657	1082.842	1081.870	1081.745	1082.467	1084.036	1086.455	1089.722
27.5	1019.644	1021.614	1024.286	1022.271	1021.161	1020.962	1021.672	1023.294	1025.828	1029.273
30.0	959.538	961.535	964.496	962.170	960.998	960.421	961.012	962.589	965.156	968.716
32.5	899.813	902.042	905.283	902.681	901.094	900.524	900.981	902.470	904.988	908.538
35.0	841.045	843.469	846.945	844.070	842.253	841.496	841.810	843.194	845.653	849.182
37.5	782.750	785.415	789.184	786.069	784.054	783.147	783.348	784.659	787.080	790.611
40.0	725.174	728.020	732.006	728.664	726.465	725.418	725.520	726.775	729.178	732.726
42.5	667.430	670.382	674.537	671.014	668.697	667.741	667.674	668.967	671.672	675.137
45.0	609.257	612.240	616.487	612.855	610.491	609.390	609.548	610.957	613.606	617.485

**IES INDOOR REPORT  
PHOTOMETRIC FILENAME : TCCL96M-40.IES**

**CANDELA TABULATION - (Cont.)**

47.5	552.421	555.511	559.889	556.130	553.660	552.476	552.571	553.938	556.567	560.447
50.0	495.200	498.280	502.711	498.899	496.440	495.329	495.553	497.099	499.955	504.103
52.5	438.672	441.698	446.111	442.317	439.912	438.881	439.205	440.870	443.849	448.122
55.0	382.707	385.687	390.093	386.304	383.944	382.999	383.454	385.291	388.488	393.019
57.5	327.028	329.958	334.367	330.561	328.234	327.375	327.967	329.995	333.434	338.259
60.0	270.732	273.576	277.970	274.166	271.913	271.203	272.017	274.334	278.134	283.383
62.5	213.166	215.907	220.298	216.520	214.388	213.888	215.001	217.704	221.967	227.763
65.0	154.296	156.769	161.378	157.521	155.418	155.063	156.447	159.551	164.354	170.833
67.5	92.875	95.463	99.933	96.039	94.040	93.927	95.685	99.289	104.717	111.933
70.0	33.464	34.323	37.007	34.789	34.186	35.383	38.098	42.156	47.387	53.619
72.5	3.849	2.862	2.670	2.869	3.896	5.436	7.185	8.842	10.113	10.724
75.0	0.137	0.041	0.000	0.041	0.137	0.258	0.371	0.439	0.433	0.326
77.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
80.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
82.5	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
87.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
90.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
92.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
95.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
97.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
100.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
102.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
105.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
107.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
110.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
112.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
115.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
117.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
120.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
122.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
125.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
127.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
130.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
132.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
135.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
137.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
140.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
142.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
145.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
147.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
150.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
152.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
155.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
157.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
160.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
162.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
165.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
167.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
170.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
172.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
175.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
177.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
180.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

**IES INDOOR REPORT  
PHOTOMETRIC FILENAME : TCCL96M-40.IES**

**CANDELA TABULATION - (Cont.)**

Vert. Angles	Horizontal Angles									
	<u>200.0</u>	<u>202.5</u>	<u>205.0</u>	<u>207.5</u>	<u>210.0</u>	<u>212.5</u>	<u>215.0</u>	<u>217.5</u>	<u>220.0</u>	<u>222.5</u>
0.0	1685.472	1685.472	1685.472	1685.472	1685.472	1685.472	1685.472	1685.472	1685.472	1685.472
2.5	1628.919	1629.690	1630.566	1631.544	1632.620	1633.795	1635.065	1636.430	1637.886	1639.432
5.0	1571.247	1572.750	1574.439	1576.338	1578.434	1580.724	1583.205	1585.873	1588.725	1591.754
7.5	1513.043	1515.172	1517.600	1520.323	1523.339	1526.646	1530.239	1534.112	1538.260	1542.679
10.0	1453.893	1456.603	1459.710	1463.210	1467.100	1471.375	1476.034	1481.166	1486.471	1492.237
12.5	1394.151	1397.291	1401.010	1405.206	1409.875	1415.011	1420.609	1426.666	1433.988	1440.130
15.0	1334.761	1338.355	1342.507	1347.213	1352.469	1358.274	1364.618	1371.514	1379.062	1387.132
17.5	1275.323	1279.350	1283.929	1289.199	1295.108	1301.657	1308.834	1316.575	1324.922	1333.873
20.0	1214.888	1219.317	1224.460	1230.312	1236.872	1244.144	1252.027	1260.619	1269.912	1279.899
22.5	1154.218	1158.934	1164.442	1170.741	1177.828	1185.706	1194.371	1203.832	1213.953	1224.852
25.0	1093.835	1098.797	1104.588	1111.215	1119.624	1127.088	1136.364	1146.482	1157.431	1169.201
27.5	1033.622	1038.876	1045.027	1052.070	1060.008	1068.848	1078.563	1089.332	1100.575	1112.970
30.0	973.270	978.814	985.353	992.883	1001.317	1010.663	1020.934	1032.119	1044.935	1057.248
32.5	913.120	918.731	925.366	933.039	941.938	951.881	962.859	974.904	987.773	1001.487
35.0	853.781	859.449	866.180	874.046	883.103	893.222	904.398	918.587	930.207	939.061
37.5	795.243	800.977	807.801	815.839	825.043	835.341	846.723	859.256	867.534	876.843
40.0	737.417	743.241	751.240	758.400	767.750	778.212	789.768	798.217	805.529	814.057
42.5	680.001	686.116	693.237	701.615	711.146	721.811	731.910	737.114	744.247	753.204
45.0	622.583	628.880	636.366	645.050	654.907	665.920	670.864	676.657	683.688	691.958
47.5	565.557	571.886	579.586	588.625	598.846	606.179	611.092	616.577	623.664	632.179
50.0	509.521	516.187	524.063	533.148	543.485	546.384	551.002	556.912	563.998	572.487
52.5	453.659	461.278	468.695	478.211	484.800	488.171	492.698	498.321	505.038	513.609
55.0	398.855	405.976	414.408	424.041	426.908	430.416	435.301	441.214	448.186	456.306
57.5	344.445	351.958	360.757	367.831	370.421	374.177	379.055	384.965	392.166	400.497
60.0	290.058	298.046	307.280	311.446	314.502	318.668	323.903	330.151	337.504	345.807
62.5	235.053	243.632	252.579	255.080	259.152	263.528	269.286	276.063	283.787	292.414
65.0	178.951	188.271	194.877	198.138	202.696	208.146	214.767	222.321	230.603	239.796
67.5	122.780	131.066	136.348	140.599	145.510	151.922	159.633	168.112	177.415	187.545
70.0	60.726	71.462	79.397	85.610	90.829	97.288	103.710	112.878	123.506	134.728
72.5	11.946	21.910	31.405	38.804	46.409	51.564	54.236	62.007	69.666	80.808
75.0	0.763	2.657	4.345	5.666	14.708	20.790	24.577	26.240	24.668	32.833
77.5	0.000	0.000	0.000	0.334	1.903	2.889	6.461	8.776	7.710	3.295
80.0	0.000	0.000	0.000	0.000	0.000	0.000	0.771	1.019	1.042	0.000
82.5	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
87.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
90.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
92.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
95.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
97.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
100.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
102.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
105.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
107.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
110.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
112.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
115.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
117.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
120.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
122.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
125.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
127.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
130.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : TCCL96M-40.IES**

**CANDELA TABULATION - (Cont.)**

132.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
135.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
137.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
140.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
142.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
145.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
147.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
150.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
152.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
155.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
157.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
160.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
162.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
165.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
167.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
170.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
172.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
175.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
177.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
180.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

**Vert. Horizontal Angles**

	<u>225.0</u>	<u>227.5</u>	<u>230.0</u>	<u>232.5</u>	<u>235.0</u>	<u>237.5</u>	<u>240.0</u>	<u>242.5</u>	<u>245.0</u>	<u>247.5</u>
0.0	1685.472	1685.472	1685.472	1685.472	1685.472	1685.472	1685.472	1685.472	1685.472	1685.472
2.5	1641.062	1642.807	1644.575	1646.449	1648.397	1650.415	1652.500	1654.651	1656.859	1659.125
5.0	1594.959	1598.332	1601.869	1605.564	1609.413	1613.405	1617.539	1621.796	1626.126	1630.576
7.5	1547.363	1552.302	1559.415	1562.895	1568.511	1574.349	1580.400	1586.654	1593.101	1599.730
10.0	1498.343	1504.725	1511.442	1518.481	1525.839	1533.501	1541.459	1549.702	1558.177	1566.834
12.5	1447.532	1455.371	1463.635	1472.314	1481.400	1492.050	1500.603	1510.671	1521.083	1531.830
15.0	1395.716	1404.806	1414.388	1424.454	1435.116	1446.123	1457.668	1469.661	1482.085	1494.800
17.5	1343.414	1353.537	1364.241	1375.658	1387.620	1400.116	1413.129	1426.693	1440.862	1455.521
20.0	1290.572	1301.901	1313.770	1326.274	1339.403	1353.139	1367.581	1382.646	1398.269	1413.973
22.5	1236.476	1248.851	1261.970	1275.819	1290.386	1305.475	1320.204	1334.084	1348.815	1364.661
25.0	1181.763	1195.095	1209.190	1224.034	1237.616	1250.975	1265.275	1280.447	1296.369	1313.206
27.5	1126.413	1140.722	1154.243	1166.210	1179.212	1193.270	1208.399	1224.675	1241.961	1260.204
30.0	1071.177	1082.190	1093.421	1106.044	1119.700	1134.722	1150.343	1167.436	1185.654	1205.083
32.5	1010.944	1021.514	1033.187	1045.896	1059.631	1074.847	1091.342	1108.896	1128.019	1148.387
35.0	949.757	960.294	972.431	985.753	1000.558	1015.609	1032.070	1050.096	1069.572	1090.212
37.5	886.152	897.711	910.592	924.706	939.775	956.031	973.413	991.638	1010.921	1032.129
40.0	823.924	835.390	848.113	862.327	878.184	895.300	913.442	932.779	953.097	974.188
42.5	762.468	773.725	786.205	800.505	816.175	833.356	852.858	872.535	893.792	916.309
45.0	701.786	712.836	725.274	739.367	754.684	771.958	790.671	811.112	833.241	856.566
47.5	641.778	652.729	665.205	679.031	694.256	711.245	729.478	750.003	774.019	795.350
50.0	582.278	593.292	605.783	619.474	634.734	651.358	669.593	689.485	709.856	729.449
52.5	523.318	534.368	547.127	560.596	575.856	594.313	610.465	628.138	645.202	664.706
55.0	465.414	476.374	488.655	502.340	517.544	534.038	550.174	564.558	581.054	599.445
57.5	409.755	420.256	431.661	445.164	459.913	474.965	487.307	501.413	517.056	535.244
60.0	355.216	365.783	377.224	389.942	403.095	413.869	425.501	439.108	454.091	471.299
62.5	302.041	312.545	324.110	336.676	345.739	355.085	365.971	378.332	392.638	409.155
65.0	249.794	260.575	272.300	281.841	290.509	299.352	309.390	320.044	333.253	347.808
67.5	198.121	209.461	220.090	228.588	237.352	246.275	255.632	266.389	276.567	289.898
70.0	146.486	159.297	168.319	176.843	186.007	195.242	204.382	213.978	223.767	235.057
72.5	94.132	108.855	120.744	129.682	136.631	145.752	155.309	164.690	174.834	183.657
75.0	43.300	63.100	78.483	88.690	95.367	100.438	107.586	117.344	126.778	136.022
77.5	9.941	25.713	40.471	53.885	61.956	65.944	67.943	71.292	81.108	90.423

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : TCCL96M-40.IES**

**CANDELA TABULATION - (Cont.)**

<b>80.0</b>	1.177	2.774	13.498	24.317	34.520	39.628	39.191	38.084	36.653	46.350
<b>82.5</b>	0.000	0.098	1.509	5.614	13.786	19.506	20.811	16.316	10.287	12.475
<b>85.0</b>	0.000	0.000	0.000	0.687	1.386	6.502	7.886	4.638	0.000	2.422
<b>87.5</b>	0.000	0.000	0.000	0.000	0.219	0.558	1.478	0.000	0.000	0.000
<b>90.0</b>	0.000	0.000	0.000	0.000	0.000	0.023	0.000	0.000	0.000	0.000
<b>92.5</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
<b>95.0</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
<b>97.5</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
<b>100.0</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
<b>102.5</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
<b>105.0</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
<b>107.5</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
<b>110.0</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
<b>112.5</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
<b>115.0</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
<b>117.5</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
<b>120.0</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
<b>122.5</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
<b>125.0</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
<b>127.5</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
<b>130.0</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
<b>132.5</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
<b>135.0</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
<b>137.5</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
<b>140.0</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
<b>142.5</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
<b>145.0</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
<b>147.5</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
<b>150.0</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
<b>152.5</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
<b>155.0</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
<b>157.5</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
<b>160.0</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
<b>162.5</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
<b>165.0</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
<b>167.5</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
<b>170.0</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
<b>172.5</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
<b>175.0</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
<b>177.5</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
<b>180.0</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

**Vert. Horizontal Angles**  
**Angles**

	<u>250.0</u>	<u>252.5</u>	<u>255.0</u>	<u>257.5</u>	<u>260.0</u>	<u>262.5</u>	<u>265.0</u>	<u>267.5</u>	<u>270.0</u>	<u>272.5</u>
<b>0.0</b>	1685.472	1685.472	1685.472	1685.472	1685.472	1685.472	1685.472	1685.472	1685.472	1685.472
<b>2.5</b>	1661.442	1663.806	1666.214	1668.660	1671.139	1673.649	1676.183	1678.738	1682.599	1683.858
<b>5.0</b>	1635.134	1639.795	1644.548	1649.387	1654.304	1659.287	1664.329	1669.423	1674.555	1679.722
<b>7.5</b>	1606.534	1613.499	1620.580	1627.767	1635.038	1642.442	1649.949	1657.542	1665.211	1672.937
<b>10.0</b>	1575.729	1584.848	1594.180	1603.706	1614.451	1623.186	1633.094	1643.137	1653.293	1663.550
<b>12.5</b>	1542.895	1554.213	1565.665	1577.374	1589.320	1601.490	1613.834	1626.256	1638.840	1651.612
<b>15.0</b>	1507.813	1521.198	1534.939	1548.991	1563.082	1577.456	1592.086	1608.027	1621.904	1637.033
<b>17.5</b>	1470.655	1486.194	1501.926	1518.063	1534.323	1550.067	1566.047	1582.465	1601.629	1616.333
<b>20.0</b>	1429.114	1444.961	1461.455	1478.468	1495.864	1513.843	1532.353	1551.008	1570.166	1591.206
<b>22.5</b>	1380.946	1398.176	1416.350	1435.276	1454.897	1474.927	1495.532	1519.336	1538.215	1560.191
<b>25.0</b>	1330.953	1349.703	1369.301	1389.769	1411.189	1433.375	1456.138	1479.432	1503.410	1527.704

**IES INDOOR REPORT  
PHOTOMETRIC FILENAME : TCCL96M-40.IES**

**CANDELA TABULATION - (Cont.)**

27.5	1279.262	1299.293	1320.331	1342.368	1365.301	1389.234	1414.234	1439.525	1465.556	1495.069
30.0	1225.580	1247.050	1269.460	1295.584	1317.426	1342.924	1369.422	1396.866	1425.089	1453.893
32.5	1169.956	1192.737	1216.629	1241.504	1267.455	1294.509	1322.616	1351.741	1381.852	1412.794
35.0	1112.819	1136.660	1161.764	1188.133	1215.460	1243.971	1273.615	1304.356	1336.145	1369.088
37.5	1054.691	1079.352	1105.209	1132.694	1161.426	1191.347	1222.414	1254.734	1288.350	1323.198
40.0	996.586	1021.165	1046.993	1075.604	1105.248	1136.129	1168.570	1202.469	1237.799	1274.410
42.5	939.359	963.329	989.167	1015.980	1046.013	1078.188	1112.503	1147.462	1184.363	1222.727
45.0	881.057	904.435	928.604	955.459	985.128	1017.682	1052.803	1089.623	1128.126	1168.045
47.5	819.376	840.969	866.627	893.649	923.084	955.697	990.986	1029.095	1068.934	1110.489
50.0	751.164	775.288	801.452	829.782	859.855	892.109	927.724	965.908	1007.013	1049.868
52.5	685.154	708.329	734.725	763.194	794.232	827.309	864.751	901.211	942.385	986.467
55.0	619.655	642.350	667.175	695.566	726.244	760.024	796.053	834.510	876.105	920.785
57.5	555.187	577.068	601.010	627.689	657.794	690.608	727.136	766.077	807.690	852.301
60.0	490.736	512.459	535.908	561.080	589.566	621.351	657.271	695.501	738.496	789.324
62.5	426.949	447.528	471.067	496.098	522.482	553.573	586.146	629.030	674.106	725.196
65.0	364.485	383.956	405.591	430.906	457.534	487.223	520.226	561.394	607.477	658.701
67.5	304.518	322.152	342.251	366.941	391.900	422.508	456.495	496.188	540.612	593.185
70.0	248.110	264.713	281.128	301.737	327.473	358.454	392.505	429.965	472.995	520.690
72.5	195.037	207.726	222.820	242.839	265.655	293.369	326.442	363.250	404.154	450.507
75.0	145.360	156.318	171.539	188.252	207.806	230.790	260.067	295.727	334.652	378.918
77.5	99.277	113.872	128.708	141.064	155.358	173.657	196.690	227.411	264.498	306.546
80.0	62.462	79.229	92.941	103.800	111.769	123.368	140.182	163.189	195.214	234.202
82.5	32.527	49.901	63.278	73.277	79.976	83.285	91.959	107.180	130.094	163.267
85.0	9.553	24.889	38.718	48.755	54.451	56.815	55.312	60.867	74.450	97.183
87.5	1.323	7.169	18.479	28.459	34.243	36.115	34.003	27.606	29.904	41.797
90.0	0.000	0.689	5.151	12.797	18.754	20.437	18.016	11.325	0.000	29.904
92.5	0.000	0.000	0.355	3.351	7.560	9.317	6.787	0.000	11.325	27.589
95.0	0.000	0.000	0.000	0.180	1.653	2.489	0.000	6.830	18.016	33.940
97.5	0.000	0.000	0.000	0.000	0.059	0.000	2.573	9.395	20.437	35.962
100.0	0.000	0.000	0.000	0.000	0.000	0.074	1.714	7.683	18.754	33.962
102.5	0.000	0.000	0.000	0.000	0.000	0.000	0.254	3.435	12.797	28.002
105.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.472	5.151	17.776
107.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.687	6.802
110.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.830
112.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
115.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
117.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
120.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.029
122.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.023	0.439
125.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.059
127.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
130.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
132.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
135.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
137.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
140.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
142.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
145.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
147.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
150.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
152.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
155.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
157.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
160.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
162.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
165.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000



**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : TCCL96M-40.IES**

**CANDELA TABULATION - (Cont.)**

<b>167.5</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
<b>170.0</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
<b>172.5</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
<b>175.0</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
<b>177.5</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
<b>180.0</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

**Vert. Horizontal Angles**  
**Angles**

	<b>275.0</b>	<b>277.5</b>	<b>280.0</b>	<b>282.5</b>	<b>285.0</b>	<b>287.5</b>	<b>290.0</b>	<b>292.5</b>	<b>295.0</b>	<b>297.5</b>
<b>0.0</b>	1685.472	1685.472	1685.472	1685.472	1685.472	1685.472	1685.472	1685.472	1685.472	1685.472
<b>2.5</b>	1686.382	1688.909	1691.429	1693.941	1696.438	1698.917	1701.372	1703.797	1706.188	1708.542
<b>5.0</b>	1684.783	1689.860	1694.937	1700.006	1705.054	1710.074	1715.055	1719.984	1724.856	1729.656
<b>7.5</b>	1680.627	1688.261	1695.911	1703.561	1711.200	1718.807	1726.369	1735.658	1741.084	1748.135
<b>10.0</b>	1673.965	1684.063	1694.283	1704.523	1714.765	1724.989	1735.100	1744.881	1754.578	1764.170
<b>12.5</b>	1664.417	1677.241	1690.004	1702.819	1715.661	1730.339	1741.008	1753.442	1765.716	1777.925
<b>15.0</b>	1652.334	1668.184	1683.048	1698.402	1713.820	1729.234	1744.299	1759.337	1774.314	1788.998
<b>17.5</b>	1633.691	1651.356	1669.138	1687.073	1704.997	1723.121	1740.895	1758.745	1776.633	1793.634
<b>20.0</b>	1609.614	1629.811	1651.688	1670.860	1691.607	1712.772	1732.996	1753.540	1774.088	1793.480
<b>22.5</b>	1582.664	1605.322	1628.421	1651.745	1675.168	1699.003	1722.129	1745.324	1768.460	1790.476
<b>25.0</b>	1552.567	1577.880	1603.448	1629.508	1655.598	1682.027	1708.206	1733.989	1759.852	1784.452
<b>27.5</b>	1519.593	1547.289	1575.432	1603.948	1632.838	1661.877	1691.363	1719.445	1749.936	1775.255
<b>30.0</b>	1483.490	1513.529	1544.316	1575.247	1606.745	1638.401	1670.479	1701.650	1732.691	1762.782
<b>32.5</b>	1444.391	1476.786	1509.773	1543.657	1577.696	1612.265	1646.931	1681.506	1715.003	1748.154
<b>35.0</b>	1403.046	1437.761	1473.303	1509.578	1546.253	1583.250	1620.432	1657.969	1694.080	1730.216
<b>37.5</b>	1359.170	1396.349	1433.666	1472.113	1511.682	1550.719	1590.585	1630.262	1669.741	1708.030
<b>40.0</b>	1312.263	1351.212	1390.924	1431.438	1472.767	1514.885	1556.832	1599.089	1641.474	1682.224
<b>42.5</b>	1262.353	1303.175	1345.091	1387.528	1430.855	1475.050	1519.605	1564.316	1608.730	1652.937
<b>45.0</b>	1209.436	1252.064	1295.787	1341.882	1385.631	1431.950	1478.691	1525.467	1572.498	1619.151
<b>47.5</b>	1153.425	1197.793	1243.384	1289.894	1337.354	1384.971	1433.630	1484.002	1536.013	1587.829
<b>50.0</b>	1094.444	1140.357	1187.615	1236.101	1285.247	1337.307	1391.067	1445.588	1500.291	1554.687
<b>52.5</b>	1032.300	1079.822	1128.644	1181.074	1236.390	1291.969	1347.707	1403.772	1460.444	1516.812
<b>55.0</b>	967.311	1017.399	1072.401	1128.507	1185.380	1243.025	1300.921	1358.524	1416.594	1475.230
<b>57.5</b>	903.994	958.941	1015.098	1072.493	1131.205	1190.375	1250.089	1311.668	1369.316	1429.094
<b>60.0</b>	842.694	898.115	955.277	1013.628	1073.299	1134.414	1195.647	1257.153	1318.736	1379.587
<b>62.5</b>	782.532	835.255	893.079	952.447	1012.623	1074.423	1137.554	1200.746	1263.735	1326.561
<b>65.0</b>	712.953	770.445	828.566	888.539	949.543	1011.680	1075.428	1140.285	1205.163	1269.315
<b>67.5</b>	644.214	701.507	761.398	822.285	884.106	946.687	1010.351	1075.823	1143.012	1215.694
<b>70.0</b>	575.030	630.383	690.545	753.036	816.013	879.357	943.248	1011.270	1083.134	1153.015
<b>72.5</b>	501.407	556.733	616.883	679.696	744.498	809.308	879.546	951.643	1022.601	1092.830
<b>75.0</b>	428.520	482.481	540.497	603.325	668.522	744.342	819.490	891.775	962.572	1031.994
<b>77.5</b>	354.052	406.749	463.563	524.139	602.937	681.912	758.420	831.673	902.394	971.515
<b>80.0</b>	278.702	329.267	384.852	463.159	541.769	620.364	696.893	770.959	842.050	910.933
<b>82.5</b>	204.033	250.811	328.990	407.361	484.453	560.488	636.426	710.250	781.661	850.351
<b>85.0</b>	131.328	203.935	279.028	354.995	430.418	504.620	577.796	650.857	721.741	790.277
<b>87.5</b>	97.185	163.367	234.571	307.304	380.120	452.361	523.404	593.456	663.462	731.194
<b>90.0</b>	74.448	130.094	195.214	264.498	334.650	403.659	472.995	540.612	607.477	674.106
<b>92.5</b>	60.787	106.843	162.455	226.342	293.457	360.876	426.955	492.200	556.112	619.747
<b>95.0</b>	55.150	91.397	138.688	194.004	256.501	321.229	385.863	448.457	509.927	573.789
<b>97.5</b>	56.399	82.660	121.461	169.712	224.493	285.458	347.646	409.565	470.711	534.293
<b>100.0</b>	53.707	78.473	108.894	150.636	199.633	254.506	313.015	373.488	435.596	497.449
<b>102.5</b>	47.231	71.009	99.820	134.505	178.508	228.171	282.538	341.646	401.474	462.234
<b>105.0</b>	36.938	59.985	87.072	120.008	158.610	205.222	257.504	312.586	369.730	427.406
<b>107.5</b>	22.387	45.273	71.874	102.853	139.584	185.980	235.313	286.467	340.596	395.687
<b>110.0</b>	8.292	26.302	52.624	84.099	125.792	168.916	215.167	263.456	313.780	366.324
<b>112.5</b>	0.785	9.490	31.850	71.464	111.912	153.673	196.739	242.373	289.373	338.894

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : TCCL96M-40.IES**

**CANDELA TABULATION - (Cont.)**

115.0	0.000	4.111	26.054	57.761	97.507	138.064	179.663	222.617	267.307	313.091
117.5	2.990	12.244	26.341	50.549	82.114	121.808	162.256	203.457	246.078	289.686
120.0	5.436	14.938	28.855	46.963	73.238	104.633	144.078	184.182	224.969	266.815
122.5	3.728	12.059	25.646	43.809	65.692	93.591	125.536	164.028	203.537	243.716
125.0	0.876	5.752	16.947	34.471	56.128	81.577	111.045	144.409	181.363	220.105
127.5	0.047	1.222	6.642	20.671	40.709	65.942	93.864	125.009	159.344	195.800
130.0	0.000	0.000	1.427	5.881	22.322	43.581	71.378	101.758	134.611	168.863
132.5	0.000	0.000	0.000	1.427	3.498	21.315	42.281	72.018	106.439	139.977
135.0	0.000	0.000	0.000	0.000	1.159	3.357	18.313	45.468	76.769	110.128
137.5	0.000	0.000	0.000	0.000	0.000	3.082	11.380	25.227	51.984	79.385
140.0	0.000	0.000	0.000	0.098	0.627	3.806	9.484	19.837	33.358	54.990
142.5	0.000	0.000	0.000	0.000	0.439	1.394	5.120	12.877	23.324	38.408
145.0	0.000	0.000	0.000	0.000	0.000	0.297	1.614	3.355	11.971	22.990
147.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.136	2.975	6.067
150.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.809
152.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
155.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
157.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
160.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
162.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
165.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
167.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
170.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
172.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
175.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
177.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
180.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

**Vert. Horizontal Angles**

	<u>300.0</u>	<u>302.5</u>	<u>305.0</u>	<u>307.5</u>	<u>310.0</u>	<u>312.5</u>	<u>315.0</u>	<u>317.5</u>	<u>320.0</u>	<u>322.5</u>
0.0	1685.472	1685.472	1685.472	1685.472	1685.472	1685.472	1685.472	1685.472	1685.472	1685.472
2.5	1710.851	1713.113	1715.323	1717.474	1719.566	1721.589	1723.603	1725.424	1727.226	1728.947
5.0	1734.374	1738.982	1743.321	1747.549	1751.662	1755.650	1759.501	1763.208	1766.764	1770.160
7.5	1755.078	1761.898	1768.579	1775.103	1781.456	1787.620	1793.548	1798.934	1804.147	1809.047
10.0	1773.633	1782.947	1791.987	1800.364	1808.535	1816.478	1824.174	1831.599	1838.735	1845.493
12.5	1789.885	1801.032	1811.994	1822.745	1833.252	1843.420	1852.526	1861.337	1869.828	1877.969
15.0	1802.802	1816.448	1829.903	1842.934	1854.765	1866.330	1877.589	1888.512	1898.599	1908.167
17.5	1810.354	1826.989	1842.946	1857.878	1872.599	1887.059	1900.120	1912.518	1924.532	1936.748
20.0	1812.874	1832.031	1849.701	1867.224	1884.442	1900.448	1916.186	1932.855	1946.343	1960.670
22.5	1812.550	1833.713	1854.015	1874.208	1893.019	1911.472	1929.588	1946.935	1963.961	1980.525
25.0	1809.177	1832.634	1855.598	1877.909	1899.001	1921.308	1939.929	1959.628	1978.839	1997.478
27.5	1802.576	1828.556	1854.171	1878.568	1902.105	1925.100	1947.327	1969.263	1990.480	2013.199
30.0	1792.596	1821.266	1849.483	1876.136	1902.072	1927.039	1951.516	1975.355	1998.790	2020.979
32.5	1780.470	1812.060	1842.905	1872.437	1901.248	1928.698	1955.699	1981.478	2006.873	2030.169
35.0	1764.816	1799.312	1832.645	1865.202	1896.907	1927.171	1956.985	1985.155	2012.746	2038.638
37.5	1745.543	1782.758	1818.549	1854.115	1888.590	1921.858	1955.955	1985.015	2014.981	2043.395
40.0	1722.662	1761.863	1800.532	1840.853	1876.002	1912.489	1947.460	1980.767	2013.228	2043.990
42.5	1695.489	1737.315	1778.563	1818.871	1858.942	1900.900	1939.966	1977.871	2014.663	2049.179
45.0	1665.119	1712.325	1758.392	1803.915	1849.114	1893.592	1936.308	1977.775	2017.321	2055.407
47.5	1639.531	1688.902	1737.901	1786.640	1834.006	1881.110	1927.673	1971.839	2014.458	2056.112
50.0	1608.191	1660.975	1715.020	1763.658	1813.969	1863.669	1912.700	1960.015	2006.070	2050.600
52.5	1573.002	1628.251	1682.201	1735.754	1788.985	1840.518	1891.810	1942.953	1991.097	2029.536
55.0	1533.075	1590.534	1647.437	1702.626	1757.711	1812.523	1864.175	1909.499	1951.943	1990.642
57.5	1489.223	1548.540	1606.960	1664.696	1720.948	1772.444	1821.061	1866.673	1909.436	1948.449
60.0	1440.749	1501.921	1562.616	1619.622	1674.231	1726.400	1775.542	1821.340	1864.304	1904.381

**IES INDOOR REPORT  
PHOTOMETRIC FILENAME : TCCL96M-40.IES**

**CANDELA TABULATION - (Cont.)**

<b>62.5</b>	1388.808	1450.911	1511.530	1570.121	1625.413	1677.955	1727.753	1774.349	1817.225	1857.408
<b>65.0</b>	1334.256	1397.233	1458.369	1517.376	1574.091	1627.732	1677.897	1725.040	1768.718	1808.582
<b>67.5</b>	1278.183	1341.835	1403.272	1462.892	1520.001	1574.638	1626.249	1673.854	1718.177	1762.202
<b>70.0</b>	1220.556	1284.909	1346.764	1406.378	1464.139	1519.109	1571.472	1620.723	1669.353	1718.104
<b>72.5</b>	1160.817	1226.396	1288.848	1348.731	1406.243	1461.824	1514.468	1567.968	1621.250	1670.913
<b>75.0</b>	1100.243	1166.101	1229.502	1289.838	1347.478	1402.620	1459.142	1515.992	1572.143	1620.621
<b>77.5</b>	1039.113	1105.086	1168.598	1230.269	1287.538	1345.872	1405.263	1462.337	1516.646	1567.706
<b>80.0</b>	978.154	1043.668	1107.135	1168.106	1228.928	1291.321	1350.980	1407.582	1461.746	1514.190
<b>82.5</b>	917.135	982.226	1045.419	1108.012	1173.429	1235.732	1295.578	1352.561	1406.239	1457.296
<b>85.0</b>	856.363	920.754	984.455	1052.479	1117.711	1180.229	1239.708	1296.453	1350.363	1401.297
<b>87.5</b>	796.613	859.930	929.473	999.028	1062.151	1124.402	1183.797	1240.290	1294.001	1344.808
<b>90.0</b>	738.496	807.690	876.105	942.387	1007.013	1068.934	1128.126	1184.363	1237.799	1288.350
<b>92.5</b>	688.404	757.647	824.809	889.862	952.564	1014.089	1072.899	1128.917	1182.078	1232.387
<b>95.0</b>	641.872	709.524	775.749	839.678	901.172	960.674	1018.461	1074.158	1127.059	1176.979
<b>97.5</b>	599.054	663.761	728.313	791.655	852.391	912.618	966.517	1020.261	1072.891	1121.755
<b>100.0</b>	558.786	620.684	683.200	744.764	805.217	863.090	917.808	970.235	1019.851	1066.853
<b>102.5</b>	521.953	580.872	640.777	700.125	759.165	816.503	871.674	923.508	969.202	1014.352
<b>105.0</b>	486.247	544.045	601.028	658.221	714.201	771.004	826.852	874.739	920.488	964.020
<b>107.5</b>	451.590	507.979	563.574	618.640	672.923	727.187	778.575	825.254	870.406	913.795
<b>110.0</b>	419.344	473.528	527.325	580.806	633.463	685.392	731.292	776.184	820.061	862.910
<b>112.5</b>	389.540	440.962	492.907	544.359	595.545	641.850	685.784	728.690	771.062	812.306
<b>115.0</b>	361.327	409.216	459.964	509.615	556.981	599.607	641.800	682.944	723.722	763.262
<b>117.5</b>	334.660	380.823	428.136	475.302	517.146	558.411	599.000	638.766	677.848	715.801
<b>120.0</b>	309.396	353.197	397.321	438.190	478.080	517.932	557.074	595.521	633.108	669.689
<b>122.5</b>	284.519	326.218	364.973	402.714	440.261	478.384	515.799	552.926	589.178	624.545
<b>125.0</b>	259.376	296.590	332.667	368.651	404.553	440.214	475.581	511.099	545.823	579.627
<b>127.5</b>	231.665	265.817	300.788	335.011	369.391	403.424	437.181	469.907	504.097	535.884
<b>130.0</b>	202.231	236.010	269.149	302.030	334.683	368.618	399.187	430.988	462.281	493.039
<b>132.5</b>	173.936	205.495	237.466	269.077	300.304	331.170	361.686	391.693	421.427	450.751
<b>135.0</b>	142.655	174.319	205.503	235.890	265.882	295.434	324.516	354.119	381.245	408.802
<b>137.5</b>	111.010	142.245	172.517	202.101	231.173	259.448	287.248	314.534	341.261	367.407
<b>140.0</b>	81.557	109.044	138.493	167.438	195.501	222.828	249.630	275.677	300.511	325.937
<b>142.5</b>	55.714	79.695	105.519	131.726	158.801	185.320	211.181	236.099	260.432	283.439
<b>145.0</b>	36.841	54.947	74.603	97.905	122.462	147.078	171.615	195.603	218.965	236.437
<b>147.5</b>	17.823	30.928	46.436	65.739	86.363	107.862	131.132	153.812	171.684	188.451
<b>150.0</b>	3.978	6.504	19.572	33.645	48.660	67.359	87.288	105.443	122.804	138.887
<b>152.5</b>	0.000	1.792	4.091	6.562	14.370	28.568	42.864	56.938	72.182	87.729
<b>155.0</b>	0.000	0.000	0.000	0.662	3.383	6.566	10.189	16.217	28.697	40.864
<b>157.5</b>	0.000	0.000	0.008	0.076	0.193	0.355	0.562	3.701	7.187	10.925
<b>160.0</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.131	0.310	0.519	0.755
<b>162.5</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
<b>165.0</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
<b>167.5</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
<b>170.0</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
<b>172.5</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
<b>175.0</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
<b>177.5</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
<b>180.0</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

**Vert. Horizontal Angles**

	<u><b>325.0</b></u>	<u><b>327.5</b></u>	<u><b>330.0</b></u>	<u><b>332.5</b></u>	<u><b>335.0</b></u>	<u><b>337.5</b></u>	<u><b>340.0</b></u>	<u><b>342.5</b></u>	<u><b>345.0</b></u>	<u><b>347.5</b></u>
<b>0.0</b>	1685.472	1685.472	1685.472	1685.472	1685.472	1685.472	1685.472	1685.472	1685.472	1685.472
<b>2.5</b>	1730.581	1732.127	1733.581	1734.940	1736.201	1737.360	1738.418	1739.369	1742.263	1742.373
<b>5.0</b>	1773.385	1776.434	1779.303	1781.979	1784.460	1786.740	1788.811	1790.673	1792.319	1793.745
<b>7.5</b>	1813.745	1818.191	1822.367	1826.267	1829.880	1833.196	1836.206	1838.905	1841.281	1843.336

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : TCCL96M-40.IES**

**CANDELA TABULATION - (Cont.)**

10.0	1851.474	1857.144	1862.479	1867.468	1872.092	1876.341	1880.198	1883.653	1886.696	1889.316
12.5	1885.738	1893.077	1899.636	1905.778	1911.476	1916.713	1921.470	1925.727	1929.473	1932.693
15.0	1917.316	1926.016	1934.235	1941.883	1948.949	1955.455	1961.371	1966.673	1971.342	1975.343
17.5	1947.050	1957.475	1967.358	1976.653	1985.269	1993.078	2000.164	2006.498	2012.045	2016.779
20.0	1974.556	1987.209	1998.858	2009.816	2020.025	2029.212	2036.852	2043.727	2049.795	2055.011
22.5	1996.453	2011.907	2026.657	2039.388	2050.693	2060.677	2069.744	2077.683	2084.686	2090.692
25.0	2015.723	2032.093	2047.582	2063.258	2076.027	2088.859	2100.399	2109.872	2118.168	2125.179
27.5	2030.415	2048.780	2066.153	2082.521	2098.229	2113.073	2127.168	2140.420	2150.066	2156.954
30.0	2042.138	2062.317	2081.471	2099.958	2117.543	2134.581	2149.455	2163.019	2175.205	2183.936
32.5	2052.850	2073.691	2093.667	2113.588	2133.195	2151.294	2169.316	2182.343	2194.597	2204.577
35.0	2063.437	2087.023	2109.148	2130.254	2149.654	2167.926	2183.272	2199.651	2211.474	2222.199
37.5	2070.542	2096.870	2121.351	2144.897	2166.987	2186.680	2205.897	2217.409	2227.677	2234.901
40.0	2073.607	2102.419	2129.526	2155.475	2180.653	2202.026	2221.485	2237.655	2248.941	2256.754
42.5	2082.709	2115.152	2145.268	2173.794	2200.613	2224.052	2244.574	2262.864	2275.458	2283.511
45.0	2092.482	2127.976	2161.366	2193.096	2222.691	2248.982	2273.451	2296.074	2314.750	2331.246
47.5	2096.466	2134.796	2171.734	2207.060	2238.656	2263.379	2280.002	2293.987	2303.228	2308.285
50.0	2093.577	2133.588	2163.433	2187.315	2208.860	2227.548	2242.498	2254.272	2261.480	2264.912
52.5	2064.747	2096.376	2124.252	2149.016	2170.481	2187.881	2202.362	2217.359	2230.280	2239.794
55.0	2025.141	2056.465	2084.499	2108.310	2128.745	2146.074	2168.748	2188.185	2204.160	2213.744
57.5	1983.873	2015.012	2042.261	2066.030	2090.454	2115.944	2138.702	2157.946	2173.983	2188.921
60.0	1939.877	1971.695	1999.196	2029.991	2058.813	2084.130	2106.351	2125.433	2143.377	2163.148
62.5	1894.219	1927.583	1963.657	1995.934	2024.744	2051.478	2072.586	2092.312	2114.022	2134.105
65.0	1848.288	1889.456	1926.024	1959.247	1988.480	2014.731	2037.291	2060.713	2082.006	2101.110
67.5	1806.751	1848.509	1886.167	1920.010	1949.997	1976.450	2002.321	2026.511	2047.986	2066.799
70.0	1763.249	1805.336	1844.326	1878.834	1909.987	1937.329	1964.459	1988.958	2011.405	2030.682
72.5	1719.820	1759.922	1799.724	1835.550	1867.872	1897.444	1924.568	1948.785	1970.768	1990.193
75.0	1668.272	1711.946	1752.326	1789.506	1823.522	1854.860	1882.572	1907.006	1930.240	1947.993
77.5	1615.767	1661.169	1702.177	1742.246	1776.053	1808.795	1837.490	1863.078	1885.787	1904.478
80.0	1561.413	1606.778	1649.022	1689.095	1725.440	1759.245	1788.899	1815.915	1839.813	1857.970
82.5	1505.889	1551.256	1593.968	1634.478	1671.928	1706.231	1736.917	1764.925	1789.703	1807.534
85.0	1449.468	1494.792	1538.379	1578.844	1616.423	1650.978	1682.402	1710.898	1736.181	1753.341
87.5	1392.886	1438.465	1482.284	1522.474	1560.209	1594.864	1626.582	1655.457	1679.733	1696.780
90.0	1336.145	1381.852	1425.089	1465.556	1503.410	1538.213	1570.166	1601.629	1621.904	1638.760
92.5	1279.920	1325.049	1367.796	1408.160	1446.006	1480.949	1513.246	1542.866	1563.252	1579.992
95.0	1223.956	1268.566	1310.807	1350.629	1388.002	1423.018	1455.506	1484.626	1503.656	1520.292
97.5	1168.231	1214.378	1254.299	1293.689	1330.381	1365.278	1397.393	1423.902	1442.965	1459.648
100.0	1112.763	1156.463	1197.988	1237.239	1274.033	1308.350	1340.246	1363.861	1382.404	1398.753
102.5	1058.341	1100.934	1141.954	1180.723	1217.335	1251.697	1283.769	1304.450	1322.533	1338.480
105.0	1006.037	1047.166	1086.921	1124.863	1161.106	1195.124	1224.419	1244.539	1262.587	1278.505
107.5	955.527	995.274	1033.423	1070.117	1105.574	1139.170	1167.608	1184.756	1202.438	1218.165
110.0	904.160	943.515	981.164	1017.040	1051.205	1083.712	1105.902	1124.956	1142.309	1157.725
112.5	852.329	891.240	928.528	963.961	997.544	1027.337	1047.506	1066.020	1082.779	1097.583
115.0	801.924	839.425	875.418	910.262	943.554	969.722	989.524	1007.486	1023.765	1038.328
117.5	753.060	789.106	823.817	857.542	889.730	911.503	930.771	948.533	964.576	978.888
120.0	705.518	740.153	773.647	806.134	834.652	854.581	873.146	890.247	905.751	919.643
122.5	658.998	692.333	724.641	755.878	779.619	798.737	816.607	832.983	848.005	861.427
125.0	613.134	645.317	676.495	705.903	725.559	745.203	761.070	776.859	791.237	804.181
127.5	567.734	599.915	628.741	653.199	672.148	689.862	706.328	721.477	735.289	747.641
130.0	523.068	552.413	581.253	600.712	618.925	635.979	651.831	666.431	679.759	691.794
132.5	479.419	507.398	530.600	548.593	565.969	582.149	597.350	611.365	624.174	635.753
135.0	435.719	461.578	480.266	497.732	513.958	529.558	543.840	557.012	569.051	579.937
137.5	392.931	413.252	430.505	446.855	463.819	476.916	490.560	503.143	514.647	525.047
140.0	347.910	365.094	381.422	396.735	411.423	425.112	437.847	449.605	460.360	470.091
142.5	300.628	316.958	332.452	347.090	360.853	373.726	385.685	396.706	406.772	415.862
145.0	252.849	268.470	283.279	297.255	310.298	322.433	333.686	344.043	353.484	361.993
147.5	204.215	219.166	233.408	247.534	259.159	270.674	281.339	291.140	300.062	308.088

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : TCCL96M-40.IES**

**CANDELA TABULATION - (Cont.)**

<b>150.0</b>	154.189	168.705	182.417	195.220	206.975	217.927	228.061	237.358	245.804	253.388
<b>152.5</b>	102.527	116.559	129.807	142.001	153.269	163.739	173.398	182.236	190.241	197.404
<b>155.0</b>	52.690	64.140	75.288	86.837	97.626	107.645	116.881	125.322	132.956	139.776
<b>157.5</b>	14.883	19.025	26.550	35.812	44.607	52.901	60.664	67.865	74.474	80.458
<b>160.0</b>	1.013	1.915	5.083	8.302	11.542	14.768	17.921	21.032	23.999	26.802
<b>162.5</b>	0.000	0.182	0.381	0.595	0.810	1.029	1.251	1.468	1.681	1.886
<b>165.0</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
<b>167.5</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
<b>170.0</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
<b>172.5</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
<b>175.0</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
<b>177.5</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
<b>180.0</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

**Vert. Horizontal Angles**  
**Angles**

	<u><b>350.0</b></u>	<u><b>352.5</b></u>	<u><b>355.0</b></u>	<u><b>357.5</b></u>	<u><b>360.0</b></u>
<b>0.0</b>	1685.472	1685.472	1685.472	1685.472	1685.472
<b>2.5</b>	1742.486	1742.599	1742.712	1742.827	1742.941
<b>5.0</b>	1796.777	1796.958	1797.140	1797.323	1797.507
<b>7.5</b>	1845.058	1847.972	1848.177	1848.384	1848.591
<b>10.0</b>	1891.510	1893.268	1895.474	1895.687	1895.902
<b>12.5</b>	1935.375	1937.511	1940.210	1940.404	1940.599
<b>15.0</b>	1978.675	1981.314	1984.685	1984.841	1985.007
<b>17.5</b>	2020.677	2023.724	2025.906	2027.653	2027.674
<b>20.0</b>	2059.336	2062.733	2065.179	2067.148	2067.148
<b>22.5</b>	2095.650	2099.517	2102.259	2104.430	2104.301
<b>25.0</b>	2130.839	2135.104	2137.948	2140.058	2139.420
<b>27.5</b>	2162.539	2166.737	2169.454	2171.465	2170.477
<b>30.0</b>	2189.134	2192.872	2195.083	2196.471	2194.857
<b>32.5</b>	2212.282	2216.098	2217.866	2218.540	2215.756
<b>35.0</b>	2230.195	2236.390	2237.624	2236.558	2233.460
<b>37.5</b>	2243.878	2249.327	2253.266	2251.467	2247.682
<b>40.0</b>	2258.437	2258.332	2262.985	2264.031	2256.680
<b>42.5</b>	2287.419	2287.683	2279.613	2271.601	2261.904
<b>45.0</b>	2345.477	2355.901	2363.605	2346.676	2293.252
<b>47.5</b>	2307.333	2296.205	2286.193	2271.521	2261.904
<b>50.0</b>	2267.923	2264.515	2262.163	2265.388	2256.680
<b>52.5</b>	2242.859	2246.903	2252.396	2252.669	2247.682
<b>55.0</b>	2224.499	2232.527	2239.261	2237.868	2233.460
<b>57.5</b>	2203.303	2213.236	2218.883	2218.807	2215.756
<b>60.0</b>	2178.771	2190.262	2195.150	2196.362	2194.857
<b>62.5</b>	2150.636	2163.197	2168.510	2170.946	2170.477
<b>65.0</b>	2117.847	2129.709	2136.110	2139.309	2139.420
<b>67.5</b>	2082.773	2092.691	2099.337	2104.613	2104.301
<b>70.0</b>	2045.915	2055.085	2061.751	2067.148	2067.148
<b>72.5</b>	2004.995	2014.901	2021.986	2027.608	2027.674
<b>75.0</b>	1961.242	1971.141	1978.427	1984.386	1985.007
<b>77.5</b>	1916.740	1926.523	1933.769	1939.722	1940.599
<b>80.0</b>	1870.636	1880.790	1888.389	1894.687	1895.902
<b>82.5</b>	1821.135	1832.019	1840.209	1847.017	1848.591
<b>85.0</b>	1767.627	1779.180	1787.997	1795.410	1797.507
<b>87.5</b>	1711.275	1723.164	1732.412	1740.321	1742.941
<b>90.0</b>	1653.293	1665.211	1674.555	1682.599	1685.472
<b>92.5</b>	1594.264	1606.083	1615.415	1623.494	1626.551
<b>95.0</b>	1534.498	1546.249	1555.536	1563.574	1566.760

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : TCCL96M-40.IES**

**CANDELA TABULATION - (Cont.)**

<b>97.5</b>	1473.817	1485.794	1495.243	1503.465	1506.970
<b>100.0</b>	1412.868	1424.722	1434.296	1442.721	1446.597
<b>102.5</b>	1352.262	1363.867	1373.294	1381.615	1385.646
<b>105.0</b>	1292.289	1303.929	1313.437	1321.865	1326.144
<b>107.5</b>	1231.910	1243.643	1253.346	1262.031	1266.643
<b>110.0</b>	1171.188	1182.687	1192.216	1200.754	1205.401
<b>112.5</b>	1110.819	1122.187	1131.679	1140.226	1145.030
<b>115.0</b>	1051.150	1062.206	1071.483	1079.691	1084.657
<b>117.5</b>	991.460	1002.280	1011.356	1019.548	1024.286
<b>120.0</b>	931.903	942.520	951.493	959.640	964.496
<b>122.5</b>	873.310	883.640	892.417	900.409	905.283
<b>125.0</b>	815.677	825.710	834.268	842.089	846.945
<b>127.5</b>	758.824	768.519	776.813	784.411	789.184
<b>130.0</b>	702.514	711.907	719.959	727.345	732.006
<b>132.5</b>	646.080	655.139	662.908	670.038	674.537
<b>135.0</b>	589.652	598.178	605.500	612.224	616.487
<b>137.5</b>	534.327	542.466	549.448	555.854	559.889
<b>140.0</b>	478.779	486.401	495.181	498.944	502.711
<b>142.5</b>	423.959	431.048	439.223	442.666	446.111
<b>145.0</b>	369.555	376.160	383.786	386.938	390.093
<b>147.5</b>	315.205	321.402	328.576	331.469	334.367
<b>150.0</b>	260.096	265.919	272.680	275.325	277.970
<b>152.5</b>	203.713	209.165	215.348	217.900	220.298
<b>155.0</b>	145.772	150.937	156.966	159.170	161.378
<b>157.5</b>	85.785	90.427	95.924	97.928	99.933
<b>160.0</b>	29.404	31.764	34.594	35.800	37.007
<b>162.5</b>	2.079	2.256	2.469	2.569	2.670
<b>165.0</b>	0.000	0.000	0.000	0.000	0.000
<b>167.5</b>	0.000	0.000	0.000	0.000	0.000
<b>170.0</b>	0.000	0.000	0.000	0.000	0.000
<b>172.5</b>	0.000	0.000	0.000	0.000	0.000
<b>175.0</b>	0.000	0.000	0.000	0.000	0.000
<b>177.5</b>	0.000	0.000	0.000	0.000	0.000
<b>180.0</b>	0.000	0.000	0.000	0.000	0.000

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : TCCL96M-40.IES**

**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	621.16	N.A.	7.70
0-30	1337.87	N.A.	16.60
0-40	2238.19	N.A.	27.70
0-60	4242.43	N.A.	52.50
0-80	5899.28	N.A.	73.00
0-90	6514.35	N.A.	80.60
10-90	6354.86	N.A.	78.60
20-40	1617.03	N.A.	20.00
20-50	2620.15	N.A.	32.40
40-70	2908.8	N.A.	36.00
60-80	1656.85	N.A.	20.50
70-80	752.29	N.A.	9.30
80-90	615.07	N.A.	7.60
90-110	892.29	N.A.	11.00
90-120	1183.34	N.A.	14.60
90-130	1382.34	N.A.	17.10
90-150	1554.78	N.A.	19.20
90-180	1567.84	N.A.	19.40
110-180	675.55	N.A.	8.40
0-180	8082.19	N.A.	100.00

Total Luminaire Efficiency = N.A.%

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	159.49
10-20	461.67
20-30	716.72
30-40	900.31
40-50	1003.12
50-60	1001.13
60-70	904.56
70-80	752.29
80-90	615.07
90-100	499.29
100-110	393.00
110-120	291.05
120-130	199.00
130-140	117.67
140-150	54.77
150-160	12.87
160-170	0.20
170-180	0.00

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : TCCL96M-40.IES**

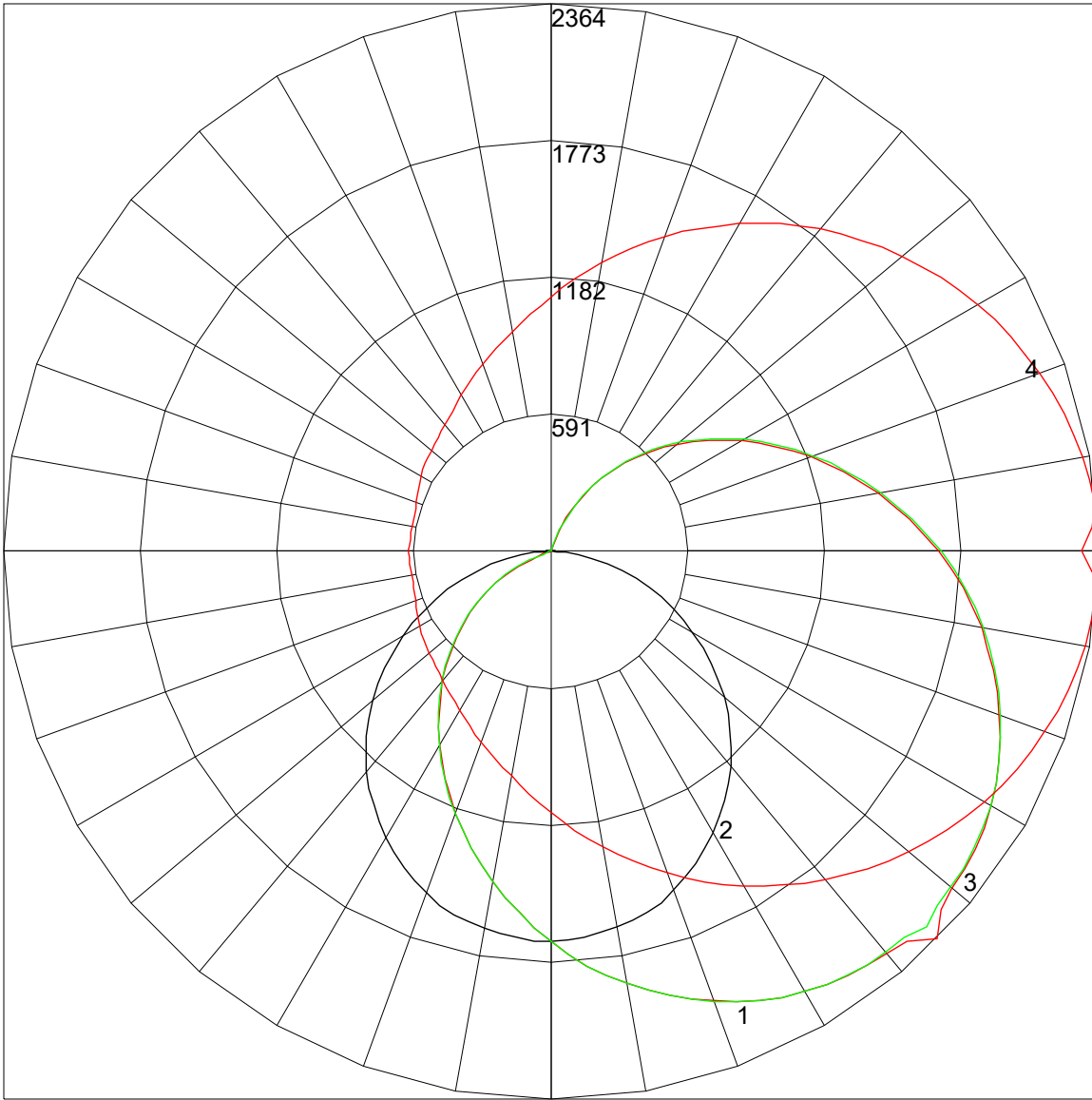
**COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD**

Effective Floor Cavity Reflectance 0.20

RC	80				70				50			30			10			0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
0	114	114	114	114	110	110	110	110	100	100	100	92	92	92	84	84	84	81
1	101	95	90	85	96	91	86	82	83	79	76	76	73	70	69	67	64	61
2	91	81	74	67	86	78	71	65	71	65	60	65	60	56	59	55	52	48
3	82	71	62	54	78	67	59	53	62	55	49	56	51	46	51	47	43	40
4	75	62	52	45	71	59	51	44	54	47	41	50	43	39	45	40	36	33
5	69	55	45	38	65	53	44	37	48	41	35	44	38	33	40	35	31	28
6	63	49	40	33	60	47	38	32	43	36	30	40	33	29	36	31	27	24
7	58	44	35	29	55	43	34	28	39	32	27	36	30	25	33	28	24	21
8	54	40	31	25	51	39	31	25	36	29	24	33	27	22	30	25	21	19
9	50	37	28	23	48	35	28	22	33	26	21	30	24	20	28	23	19	17
10	47	34	26	20	45	33	25	20	30	24	19	28	22	18	26	21	17	15



POLAR GRAPH



Maximum Candela = 2363.605 Located At Horizontal Angle = 355, Vertical Angle = 45  
# 1 - Vertical Plane Through Horizontal Angles (355 - 175) (Through Max. Cd.)  
# 2 - Vertical Plane Through Horizontal Angles (90 - 270)  
# 3 - Vertical Plane Through Horizontal Angles (0 - 180)  
# 4 - Horizontal Cone Through Vertical Angle (45) (Through Max. Cd.)