



IES INDOOR REPORT
PHOTOMETRIC FILENAME : ONE M.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] 8,000
[TESTLAB] CSA Group
[ISSUEDATE] 5/7/2015 2:06:20 PM
[MANUFAC] 3 Form
[LUMINAIRE] One M
[_AMBIENT] 25.0 deg C
[_POWERFACTOR] 0.9978
[_ATHD] 4.25%
[_CURRENT] 0.68
[_VOLTAGE] 120.15
[_STABILIZATION] 27:12.5 Stable
[_POWER VARIATION] 0.48 %
[_LIGHT VARIATION] 0.31 %
[_Lumens] 6,062.94

CHARACTERISTICS

| | |
|---------------------------------|-----------------|
| Lumens Per Lamp | N.A. (absolute) |
| Total Lamp Lumens | N.A. (absolute) |
| Luminaire Lumens | 6065 |
| Total Luminaire Efficiency | N.A. |
| Luminaire Efficacy Rating (LER) | 74 |
| Total Luminaire Watts | 81.96 |
| Ballast Factor | 1.00 |
| CIE Type | Semi-Direct |
| Spacing Criterion (0-180) | 1.24 |
| Spacing Criterion (90-270) | 1.26 |
| Spacing Criterion (Diagonal) | 1.36 |
| Basic Luminous Shape | Point |
| Luminous Length (0-180) | 0.00 ft |
| Luminous Width (90-270) | 0.00 ft |
| Luminous Height | 0.00 ft |

LUMINANCE DATA (cd/sq.m)

| Angle In Degrees | Average 0-Deg | Average 45-Deg | Average 90-Deg |
|---------------------|------------------|-------------------|-------------------|
| 45 | 0 | 0 | 0 |
| 55 | 0 | 0 | 0 |
| 65 | 0 | 0 | 0 |
| 75 | 0 | 0 | 0 |
| 85 | 0 | 0 | 0 |

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CANDELA TABULATION

| | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 |
|--------------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 0.0 | 1893.85 | 1893.85 | 1893.85 | 1893.85 | 1893.85 | 1893.85 | 1893.85 | 1893.85 | 1893.85 | 1893.85 |
| 2.5 | 1885.50 | 1888.05 | 1889.76 | 1890.89 | 1892.38 | 1893.40 | 1893.80 | 1894.13 | 1893.98 | 1894.32 |
| 5.0 | 1878.86 | 1881.07 | 1883.40 | 1884.83 | 1885.71 | 1886.96 | 1887.90 | 1888.02 | 1888.25 | 1888.35 |
| 7.5 | 1867.40 | 1869.46 | 1872.14 | 1873.93 | 1875.70 | 1876.68 | 1877.79 | 1878.14 | 1878.49 | 1877.94 |
| 10.0 | 1851.27 | 1853.72 | 1856.95 | 1858.72 | 1860.91 | 1862.05 | 1863.36 | 1863.57 | 1863.88 | 1863.64 |
| 12.5 | 1830.41 | 1832.87 | 1836.32 | 1838.69 | 1841.10 | 1843.43 | 1843.61 | 1844.31 | 1843.98 | 1843.79 |
| 15.0 | 1805.20 | 1807.08 | 1811.12 | 1813.85 | 1816.82 | 1818.46 | 1818.95 | 1820.00 | 1819.71 | 1819.48 |
| 17.5 | 1774.53 | 1777.95 | 1781.68 | 1785.46 | 1787.28 | 1789.89 | 1790.83 | 1791.42 | 1792.06 | 1791.52 |
| 20.0 | 1740.54 | 1743.84 | 1748.17 | 1752.31 | 1754.36 | 1757.12 | 1758.47 | 1759.19 | 1759.20 | 1759.77 |
| 22.5 | 1702.59 | 1706.73 | 1711.07 | 1715.17 | 1718.25 | 1721.34 | 1722.17 | 1723.52 | 1723.37 | 1723.95 |
| 25.0 | 1660.18 | 1665.53 | 1669.72 | 1674.40 | 1677.80 | 1681.16 | 1681.83 | 1683.66 | 1682.81 | 1682.86 |
| 27.5 | 1614.17 | 1619.99 | 1623.70 | 1629.28 | 1631.52 | 1635.47 | 1638.53 | 1638.33 | 1638.79 | 1639.74 |
| 30.0 | 1564.09 | 1571.34 | 1576.44 | 1580.97 | 1584.68 | 1589.14 | 1589.80 | 1591.41 | 1591.46 | 1590.44 |
| 32.5 | 1511.91 | 1520.01 | 1526.68 | 1530.50 | 1534.40 | 1538.01 | 1539.17 | 1543.18 | 1542.57 | 1541.66 |
| 35.0 | 1457.20 | 1465.59 | 1472.67 | 1477.67 | 1481.34 | 1484.75 | 1486.40 | 1489.07 | 1489.63 | 1488.19 |
| 37.5 | 1402.21 | 1408.40 | 1415.43 | 1421.02 | 1424.35 | 1428.68 | 1430.21 | 1432.88 | 1433.53 | 1433.24 |
| 40.0 | 1343.47 | 1349.67 | 1355.87 | 1362.61 | 1365.98 | 1370.36 | 1374.04 | 1374.25 | 1376.12 | 1374.12 |
| 42.5 | 1280.68 | 1287.73 | 1295.43 | 1300.44 | 1304.84 | 1309.87 | 1312.54 | 1313.54 | 1314.84 | 1315.11 |
| 45.0 | 1216.57 | 1225.00 | 1233.49 | 1236.58 | 1243.60 | 1247.43 | 1249.20 | 1252.19 | 1252.42 | 1254.18 |
| 47.5 | 1151.06 | 1161.02 | 1167.46 | 1172.38 | 1180.17 | 1183.55 | 1184.77 | 1188.32 | 1187.29 | 1189.09 |
| 50.0 | 1084.95 | 1093.73 | 1099.76 | 1107.15 | 1112.11 | 1115.88 | 1120.43 | 1120.92 | 1123.29 | 1124.46 |
| 52.5 | 1018.45 | 1025.45 | 1032.29 | 1038.96 | 1045.02 | 1049.88 | 1052.55 | 1053.94 | 1056.36 | 1055.12 |
| 55.0 | 948.37 | 956.65 | 965.12 | 969.22 | 975.58 | 979.57 | 982.41 | 985.02 | 987.88 | 987.91 |
| 57.5 | 876.79 | 886.01 | 894.94 | 900.98 | 907.99 | 910.49 | 913.07 | 917.48 | 917.23 | 918.58 |
| 60.0 | 807.04 | 815.00 | 824.72 | 830.73 | 835.13 | 840.73 | 843.51 | 847.72 | 847.81 | 849.18 |
| 62.5 | 738.23 | 745.07 | 752.09 | 760.26 | 764.62 | 769.23 | 773.25 | 776.67 | 778.65 | 779.62 |
| 65.0 | 665.40 | 673.14 | 679.90 | 687.53 | 692.78 | 698.42 | 701.83 | 705.10 | 707.83 | 707.97 |
| 67.5 | 594.99 | 601.78 | 608.35 | 614.63 | 621.50 | 627.10 | 630.64 | 634.68 | 636.73 | 638.00 |
| 70.0 | 521.80 | 530.63 | 537.64 | 543.36 | 550.50 | 556.23 | 558.85 | 563.12 | 565.66 | 566.64 |
| 72.5 | 449.50 | 458.03 | 464.64 | 471.20 | 477.56 | 482.25 | 488.07 | 490.00 | 493.89 | 497.15 |
| 75.0 | 379.41 | 386.38 | 395.01 | 400.70 | 408.16 | 413.49 | 417.35 | 419.79 | 424.91 | 424.08 |
| 77.5 | 310.87 | 317.71 | 326.20 | 331.63 | 338.15 | 342.98 | 347.29 | 350.52 | 354.98 | 355.56 |
| 80.0 | 242.83 | 249.47 | 257.88 | 263.53 | 270.94 | 275.22 | 279.14 | 284.25 | 286.78 | 288.07 |
| 82.5 | 177.79 | 183.56 | 192.43 | 198.05 | 202.75 | 208.37 | 212.69 | 216.99 | 220.10 | 221.71 |
| 85.0 | 115.33 | 121.51 | 127.40 | 134.77 | 139.45 | 145.95 | 148.53 | 152.42 | 155.85 | 157.36 |
| 87.5 | 61.48 | 66.11 | 69.49 | 76.16 | 79.55 | 84.78 | 87.64 | 91.98 | 93.62 | 96.07 |
| 90.0 | 48.33 | 49.40 | 48.46 | 48.44 | 50.13 | 49.73 | 51.18 | 49.13 | 51.67 | 52.56 |
| 92.5 | 53.74 | 53.02 | 52.24 | 51.80 | 51.28 | 50.76 | 50.34 | 49.68 | 49.25 | 49.07 |
| 95.0 | 59.32 | 59.13 | 58.39 | 57.46 | 56.46 | 55.81 | 55.03 | 54.45 | 53.91 | 53.75 |
| 97.5 | 65.42 | 65.00 | 63.49 | 63.05 | 62.48 | 61.36 | 60.38 | 59.80 | 58.90 | 58.66 |
| 100.0 | 71.75 | 71.49 | 69.17 | 66.41 | 66.24 | 67.34 | 66.33 | 65.12 | 64.19 | 63.37 |
| 102.5 | 77.94 | 77.71 | 76.37 | 70.99 | 69.29 | 70.52 | 71.55 | 71.12 | 70.24 | 69.86 |
| 105.0 | 84.73 | 84.38 | 83.05 | 77.65 | 72.76 | 73.86 | 74.41 | 75.38 | 75.99 | 75.57 |
| 107.5 | 90.00 | 89.37 | 88.04 | 84.60 | 77.82 | 77.55 | 78.81 | 79.57 | 80.23 | 80.46 |
| 110.0 | 93.66 | 92.91 | 91.12 | 90.03 | 86.67 | 82.48 | 82.99 | 83.73 | 84.49 | 84.65 |
| 112.5 | 98.32 | 96.42 | 95.29 | 94.32 | 93.66 | 90.78 | 87.68 | 88.02 | 87.95 | 87.85 |
| 115.0 | 101.36 | 100.54 | 99.70 | 98.10 | 98.09 | 97.75 | 94.67 | 92.76 | 91.74 | 91.26 |
| 117.5 | 105.35 | 104.25 | 103.15 | 101.53 | 101.87 | 101.99 | 101.17 | 99.00 | 96.53 | 95.31 |
| 120.0 | 108.28 | 106.82 | 106.08 | 103.77 | 104.52 | 104.74 | 103.43 | 101.14 | 99.16 | 98.61 |
| 122.5 | 109.68 | 109.31 | 107.71 | 106.07 | 106.38 | 107.36 | 105.67 | 102.94 | 102.03 | 102.01 |
| 125.0 | 111.90 | 111.05 | 109.80 | 108.07 | 108.05 | 108.64 | 106.85 | 105.87 | 105.75 | 105.93 |
| 127.5 | 114.30 | 113.76 | 111.84 | 110.10 | 110.26 | 109.78 | 109.53 | 108.56 | 108.30 | 108.89 |
| 130.0 | 116.10 | 115.24 | 113.79 | 113.09 | 112.44 | 111.53 | 111.37 | 111.12 | 110.39 | 111.94 |
| 132.5 | 118.79 | 117.83 | 116.27 | 114.88 | 113.89 | 113.26 | 113.88 | 112.65 | 112.73 | 114.99 |

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CANDELA TABULATION - (Cont.)

| | | | | | | | | | | |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 135.0 | 121.72 | 120.10 | 118.62 | 116.72 | 115.15 | 114.97 | 114.82 | 114.44 | 114.19 | 116.77 |
| 137.5 | 124.16 | 122.51 | 120.37 | 118.18 | 116.61 | 116.56 | 116.45 | 115.93 | 115.96 | 118.80 |
| 140.0 | 126.03 | 124.51 | 122.04 | 120.21 | 117.58 | 118.19 | 118.24 | 118.07 | 117.99 | 121.20 |
| 142.5 | 128.06 | 126.18 | 123.80 | 120.87 | 118.74 | 119.56 | 119.75 | 119.40 | 119.84 | 123.24 |
| 145.0 | 129.67 | 127.65 | 124.92 | 121.09 | 120.19 | 121.76 | 121.37 | 121.43 | 122.35 | 126.85 |
| 147.5 | 131.90 | 129.55 | 126.63 | 123.40 | 122.76 | 126.87 | 124.73 | 125.52 | 126.60 | 132.20 |
| 150.0 | 135.20 | 133.40 | 130.18 | 128.04 | 128.93 | 131.98 | 131.18 | 131.41 | 134.31 | 139.51 |
| 152.5 | 139.44 | 137.98 | 135.35 | 134.44 | 135.86 | 137.09 | 138.99 | 140.93 | 142.98 | 146.61 |
| 155.0 | 143.41 | 142.38 | 140.31 | 140.21 | 140.77 | 142.20 | 145.13 | 148.02 | 149.47 | 153.64 |
| 157.5 | 146.53 | 145.48 | 143.65 | 143.27 | 144.47 | 146.33 | 149.38 | 150.34 | 152.01 | 156.48 |
| 160.0 | 148.03 | 146.60 | 145.08 | 145.13 | 146.96 | 149.77 | 152.51 | 152.36 | 154.17 | 158.67 |
| 162.5 | 149.29 | 147.75 | 146.31 | 147.55 | 149.13 | 152.81 | 154.50 | 153.66 | 155.60 | 160.33 |
| 165.0 | 150.70 | 148.55 | 147.83 | 149.69 | 151.59 | 155.12 | 155.82 | 154.78 | 156.76 | 161.34 |
| 167.5 | 151.34 | 149.38 | 149.34 | 151.33 | 154.12 | 156.74 | 157.10 | 155.46 | 157.98 | 161.76 |
| 170.0 | 151.86 | 150.17 | 151.05 | 152.72 | 156.20 | 158.01 | 157.83 | 155.89 | 158.58 | 162.09 |
| 172.5 | 152.03 | 150.96 | 152.65 | 154.47 | 157.77 | 158.92 | 158.47 | 155.70 | 159.23 | 162.27 |
| 175.0 | 152.23 | 151.65 | 153.80 | 156.03 | 158.72 | 158.97 | 158.73 | 155.59 | 159.65 | 162.38 |
| 177.5 | 152.56 | 152.62 | 154.64 | 157.54 | 159.70 | 159.68 | 159.02 | 155.83 | 160.08 | 162.76 |
| 180.0 | 156.78 | 156.78 | 156.78 | 156.78 | 156.78 | 156.78 | 156.78 | 156.78 | 156.78 | 156.78 |

**Vert.
Angles**

Horizontal Angles

| | 100 | 110 | 120 | 130 | 140 | 150 | 160 | 170 | 180 | 190 |
|------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| 0.0 | 1893.85 | 1893.85 | 1893.85 | 1893.85 | 1893.85 | 1893.85 | 1893.85 | 1893.85 | 1893.85 | 1893.85 |
| 2.5 | 1894.84 | 1893.62 | 1893.00 | 1892.66 | 1891.35 | 1890.74 | 1889.82 | 1888.26 | 1887.64 | 1888.28 |
| 5.0 | 1887.50 | 1887.02 | 1886.85 | 1885.32 | 1884.40 | 1883.05 | 1881.39 | 1880.35 | 1881.07 | 1881.71 |
| 7.5 | 1877.09 | 1877.04 | 1875.76 | 1874.97 | 1872.83 | 1871.08 | 1868.95 | 1867.62 | 1870.55 | 1870.58 |
| 10.0 | 1862.82 | 1861.93 | 1860.54 | 1859.36 | 1856.95 | 1854.98 | 1852.87 | 1850.96 | 1855.71 | 1854.56 |
| 12.5 | 1843.78 | 1842.58 | 1840.30 | 1838.92 | 1835.66 | 1833.70 | 1831.26 | 1828.57 | 1835.89 | 1834.36 |
| 15.0 | 1819.89 | 1817.76 | 1815.73 | 1814.02 | 1810.97 | 1808.64 | 1804.60 | 1803.35 | 1811.00 | 1809.43 |
| 17.5 | 1791.52 | 1789.23 | 1787.61 | 1785.00 | 1781.26 | 1777.86 | 1774.34 | 1772.37 | 1782.62 | 1779.86 |
| 20.0 | 1758.74 | 1756.54 | 1754.56 | 1751.97 | 1748.71 | 1743.77 | 1740.96 | 1737.45 | 1749.11 | 1747.03 |
| 22.5 | 1722.05 | 1720.11 | 1717.69 | 1715.61 | 1711.37 | 1707.51 | 1704.34 | 1699.84 | 1713.15 | 1709.71 |
| 25.0 | 1682.99 | 1680.38 | 1677.86 | 1674.22 | 1669.99 | 1666.83 | 1661.86 | 1657.73 | 1672.17 | 1668.87 |
| 27.5 | 1637.56 | 1637.25 | 1633.32 | 1628.78 | 1625.90 | 1620.96 | 1615.79 | 1611.41 | 1628.18 | 1624.34 |
| 30.0 | 1590.03 | 1588.91 | 1585.64 | 1582.95 | 1578.49 | 1572.24 | 1568.29 | 1563.31 | 1580.32 | 1576.56 |
| 32.5 | 1539.97 | 1539.03 | 1534.97 | 1531.19 | 1527.76 | 1522.79 | 1517.62 | 1513.05 | 1530.49 | 1525.47 |
| 35.0 | 1487.71 | 1486.75 | 1482.73 | 1478.73 | 1473.51 | 1469.03 | 1463.31 | 1458.32 | 1477.03 | 1471.98 |
| 37.5 | 1432.21 | 1431.02 | 1427.18 | 1423.76 | 1416.85 | 1412.66 | 1407.27 | 1402.77 | 1420.25 | 1416.28 |
| 40.0 | 1373.62 | 1372.18 | 1369.22 | 1366.63 | 1359.30 | 1354.80 | 1348.87 | 1343.06 | 1362.92 | 1358.43 |
| 42.5 | 1313.66 | 1311.37 | 1307.90 | 1305.33 | 1298.89 | 1294.01 | 1287.65 | 1281.73 | 1302.58 | 1297.59 |
| 45.0 | 1251.96 | 1249.76 | 1245.58 | 1241.48 | 1236.27 | 1231.13 | 1226.40 | 1219.53 | 1241.05 | 1234.96 |
| 47.5 | 1188.98 | 1185.07 | 1182.93 | 1179.17 | 1172.81 | 1167.81 | 1160.97 | 1155.00 | 1176.46 | 1171.07 |
| 50.0 | 1121.73 | 1119.19 | 1116.70 | 1111.89 | 1109.71 | 1102.25 | 1096.63 | 1090.34 | 1111.36 | 1105.23 |
| 52.5 | 1055.16 | 1052.48 | 1049.80 | 1047.50 | 1041.76 | 1035.40 | 1029.90 | 1024.17 | 1046.13 | 1038.87 |
| 55.0 | 986.65 | 985.41 | 981.62 | 978.04 | 974.18 | 966.95 | 962.88 | 955.50 | 978.40 | 970.28 |
| 57.5 | 918.85 | 916.89 | 913.60 | 908.94 | 903.87 | 899.78 | 893.47 | 885.69 | 910.34 | 902.93 |
| 60.0 | 849.71 | 848.12 | 845.05 | 839.88 | 835.99 | 829.61 | 823.47 | 818.54 | 838.67 | 832.12 |
| 62.5 | 779.16 | 778.49 | 775.54 | 771.51 | 765.00 | 760.51 | 753.14 | 748.30 | 768.04 | 761.41 |
| 65.0 | 708.93 | 707.77 | 706.93 | 701.87 | 696.30 | 689.64 | 685.08 | 677.89 | 697.61 | 690.25 |
| 67.5 | 636.80 | 636.23 | 633.39 | 629.92 | 625.13 | 620.02 | 615.11 | 608.03 | 627.64 | 620.13 |
| 70.0 | 568.13 | 566.03 | 564.20 | 561.06 | 554.64 | 550.38 | 543.83 | 537.31 | 557.06 | 550.15 |
| 72.5 | 495.71 | 494.41 | 492.56 | 489.05 | 483.82 | 480.14 | 472.52 | 467.14 | 485.56 | 478.49 |
| 75.0 | 425.27 | 424.09 | 422.66 | 420.35 | 416.77 | 410.57 | 404.54 | 398.39 | 416.92 | 408.49 |
| 77.5 | 355.74 | 356.02 | 353.55 | 351.08 | 348.13 | 342.42 | 339.15 | 331.22 | 349.29 | 340.64 |
| 80.0 | 288.71 | 289.08 | 286.83 | 284.51 | 278.67 | 275.11 | 271.98 | 263.38 | 281.98 | 275.31 |

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CANDELA TABULATION - (Cont.)

| | | | | | | | | | | |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 82.5 | 221.93 | 222.53 | 221.53 | 218.63 | 214.48 | 209.74 | 204.90 | 200.09 | 214.40 | 208.44 |
| 85.0 | 158.33 | 159.01 | 158.26 | 155.02 | 151.01 | 147.03 | 141.59 | 137.18 | 150.55 | 145.15 |
| 87.5 | 96.76 | 97.37 | 95.46 | 94.50 | 91.60 | 87.05 | 83.36 | 78.37 | 92.08 | 86.23 |
| 90.0 | 51.98 | 51.40 | 50.11 | 51.77 | 49.19 | 49.19 | 47.93 | 46.11 | 48.45 | 48.76 |
| 92.5 | 49.03 | 49.23 | 49.06 | 49.19 | 49.23 | 49.03 | 49.41 | 49.23 | 47.98 | 48.45 |
| 95.0 | 53.46 | 53.54 | 53.41 | 53.61 | 53.51 | 53.94 | 54.28 | 54.23 | 52.74 | 52.92 |
| 97.5 | 58.47 | 58.43 | 58.26 | 58.46 | 58.87 | 58.70 | 58.43 | 59.57 | 58.03 | 57.81 |
| 100.0 | 63.22 | 63.06 | 63.31 | 63.47 | 62.66 | 61.13 | 63.38 | 64.74 | 63.20 | 63.56 |
| 102.5 | 69.23 | 69.11 | 68.14 | 66.56 | 65.34 | 64.12 | 68.34 | 70.82 | 69.28 | 69.26 |
| 105.0 | 74.66 | 73.14 | 71.14 | 70.03 | 68.82 | 67.22 | 71.93 | 75.16 | 73.86 | 74.02 |
| 107.5 | 79.54 | 77.44 | 74.72 | 73.34 | 72.22 | 70.48 | 78.40 | 79.60 | 77.63 | 77.89 |
| 110.0 | 83.99 | 81.72 | 79.23 | 77.24 | 76.86 | 76.86 | 83.31 | 83.77 | 82.43 | 81.97 |
| 112.5 | 87.30 | 85.83 | 83.26 | 82.71 | 83.16 | 83.44 | 86.40 | 87.57 | 87.15 | 86.77 |
| 115.0 | 90.74 | 89.91 | 88.96 | 89.70 | 89.55 | 87.92 | 89.30 | 90.03 | 91.30 | 90.81 |
| 117.5 | 94.96 | 94.97 | 96.04 | 95.99 | 94.28 | 91.30 | 90.15 | 91.12 | 92.47 | 92.84 |
| 120.0 | 99.46 | 100.76 | 101.10 | 100.23 | 97.05 | 94.13 | 91.95 | 92.26 | 94.21 | 93.94 |
| 122.5 | 103.07 | 104.54 | 106.16 | 103.86 | 99.96 | 96.27 | 94.87 | 94.78 | 95.65 | 96.24 |
| 125.0 | 107.37 | 109.43 | 109.63 | 105.92 | 102.64 | 99.10 | 97.68 | 97.39 | 98.23 | 99.14 |
| 127.5 | 110.99 | 112.96 | 111.70 | 108.96 | 105.20 | 102.18 | 100.13 | 99.96 | 101.06 | 102.15 |
| 130.0 | 114.57 | 115.52 | 113.59 | 110.47 | 107.56 | 104.86 | 102.97 | 102.55 | 103.79 | 105.20 |
| 132.5 | 117.11 | 117.61 | 115.56 | 112.55 | 109.81 | 107.18 | 105.63 | 105.03 | 106.82 | 107.88 |
| 135.0 | 119.53 | 119.61 | 116.97 | 114.66 | 111.95 | 109.73 | 108.18 | 107.63 | 110.17 | 110.64 |
| 137.5 | 121.85 | 120.82 | 118.85 | 117.15 | 114.11 | 112.19 | 110.69 | 110.10 | 113.20 | 113.59 |
| 140.0 | 124.26 | 121.91 | 120.26 | 118.92 | 116.08 | 114.24 | 112.54 | 112.17 | 116.75 | 117.21 |
| 142.5 | 126.17 | 123.82 | 123.32 | 121.41 | 118.70 | 116.52 | 115.31 | 115.61 | 120.79 | 121.20 |
| 145.0 | 129.93 | 127.85 | 127.47 | 126.73 | 123.91 | 120.44 | 119.45 | 120.74 | 124.95 | 125.15 |
| 147.5 | 134.95 | 133.16 | 134.26 | 133.17 | 129.72 | 127.57 | 126.55 | 127.65 | 129.22 | 129.75 |
| 150.0 | 140.57 | 139.96 | 141.38 | 138.28 | 134.77 | 134.10 | 134.91 | 132.44 | 132.29 | 135.12 |
| 152.5 | 146.72 | 146.45 | 145.93 | 141.54 | 138.59 | 139.39 | 138.85 | 136.26 | 136.38 | 139.12 |
| 155.0 | 152.60 | 150.32 | 147.50 | 143.46 | 142.46 | 143.14 | 141.86 | 138.64 | 139.43 | 141.93 |
| 157.5 | 154.72 | 152.94 | 148.76 | 145.40 | 146.28 | 146.18 | 144.37 | 140.81 | 141.83 | 144.38 |
| 160.0 | 156.57 | 154.12 | 149.68 | 147.82 | 149.35 | 148.77 | 146.42 | 142.92 | 143.86 | 146.28 |
| 162.5 | 157.91 | 155.50 | 150.55 | 150.56 | 151.67 | 150.94 | 147.58 | 144.55 | 145.53 | 147.84 |
| 165.0 | 159.22 | 156.08 | 151.79 | 153.07 | 153.56 | 152.28 | 148.22 | 145.64 | 147.23 | 149.67 |
| 167.5 | 160.24 | 156.51 | 153.01 | 154.89 | 155.08 | 153.03 | 148.89 | 146.94 | 148.77 | 150.90 |
| 170.0 | 161.36 | 156.80 | 154.37 | 156.27 | 156.09 | 153.18 | 149.28 | 147.56 | 150.01 | 152.16 |
| 172.5 | 162.12 | 157.06 | 156.16 | 157.16 | 156.37 | 153.00 | 149.43 | 148.10 | 150.80 | 152.97 |
| 175.0 | 162.29 | 157.07 | 157.58 | 157.89 | 156.42 | 152.74 | 149.65 | 148.59 | 151.43 | 153.27 |
| 177.5 | 162.73 | 157.39 | 158.73 | 158.62 | 156.18 | 152.27 | 150.11 | 149.33 | 151.98 | 153.31 |
| 180.0 | 156.78 | 156.78 | 156.78 | 156.78 | 156.78 | 156.78 | 156.78 | 156.78 | 156.78 | 156.78 |

**Vert.
Angles**

Horizontal Angles

| | <u>200</u> | <u>210</u> | <u>220</u> | <u>230</u> | <u>240</u> | <u>250</u> | <u>260</u> | <u>270</u> | <u>280</u> | <u>290</u> |
|------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| 0.0 | 1893.85 | 1893.85 | 1893.85 | 1893.85 | 1893.85 | 1893.85 | 1893.85 | 1893.85 | 1893.85 | 1893.85 |
| 2.5 | 1889.17 | 1889.72 | 1890.18 | 1890.87 | 1891.24 | 1891.84 | 1891.63 | 1891.68 | 1891.69 | 1891.85 |
| 5.0 | 1881.57 | 1881.58 | 1881.99 | 1882.69 | 1882.93 | 1883.17 | 1882.93 | 1883.53 | 1883.77 | 1881.80 |
| 7.5 | 1869.48 | 1869.58 | 1870.02 | 1870.04 | 1870.46 | 1870.56 | 1870.84 | 1870.91 | 1871.12 | 1870.72 |
| 10.0 | 1853.70 | 1853.67 | 1853.97 | 1853.79 | 1853.75 | 1853.69 | 1853.73 | 1854.26 | 1854.43 | 1855.24 |
| 12.5 | 1832.91 | 1832.98 | 1832.12 | 1832.43 | 1831.86 | 1832.47 | 1831.97 | 1832.63 | 1832.88 | 1833.97 |
| 15.0 | 1808.03 | 1807.18 | 1806.04 | 1806.09 | 1805.43 | 1805.72 | 1805.67 | 1806.50 | 1806.69 | 1808.26 |
| 17.5 | 1777.76 | 1776.73 | 1774.90 | 1774.72 | 1774.55 | 1774.61 | 1774.72 | 1774.24 | 1776.43 | 1777.63 |
| 20.0 | 1744.46 | 1742.59 | 1741.23 | 1740.48 | 1740.27 | 1739.86 | 1739.90 | 1740.57 | 1741.21 | 1742.69 |
| 22.5 | 1707.58 | 1706.10 | 1703.24 | 1702.03 | 1701.75 | 1700.87 | 1700.93 | 1700.66 | 1702.43 | 1704.50 |
| 25.0 | 1666.02 | 1663.58 | 1662.22 | 1660.46 | 1659.48 | 1658.30 | 1658.82 | 1658.73 | 1661.11 | 1661.99 |
| 27.5 | 1621.12 | 1618.09 | 1617.13 | 1614.35 | 1613.95 | 1612.26 | 1612.30 | 1613.44 | 1615.19 | 1616.54 |

IES INDOOR REPORT
PHOTOMETRIC FILENAME : ONE M.IES

CANDELA TABULATION - (Cont.)

| | | | | | | | | | | |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 30.0 | 1572.29 | 1568.99 | 1567.08 | 1565.57 | 1565.50 | 1564.48 | 1563.61 | 1564.33 | 1564.35 | 1567.44 |
| 32.5 | 1521.26 | 1517.04 | 1516.61 | 1514.35 | 1514.16 | 1512.87 | 1511.21 | 1512.59 | 1512.04 | 1514.90 |
| 35.0 | 1467.45 | 1463.70 | 1460.95 | 1459.72 | 1458.42 | 1458.04 | 1456.32 | 1457.19 | 1456.98 | 1460.57 |
| 37.5 | 1411.86 | 1405.89 | 1404.13 | 1402.20 | 1401.47 | 1401.22 | 1399.98 | 1400.75 | 1400.35 | 1403.53 |
| 40.0 | 1353.45 | 1349.89 | 1345.32 | 1342.82 | 1341.17 | 1341.10 | 1340.68 | 1339.19 | 1342.48 | 1344.41 |
| 42.5 | 1291.91 | 1287.47 | 1283.46 | 1280.23 | 1279.10 | 1277.07 | 1279.45 | 1278.40 | 1278.76 | 1281.42 |
| 45.0 | 1229.79 | 1226.03 | 1220.93 | 1218.19 | 1215.94 | 1213.97 | 1214.31 | 1213.11 | 1215.17 | 1217.26 |
| 47.5 | 1164.55 | 1160.15 | 1156.30 | 1153.48 | 1151.05 | 1149.29 | 1147.77 | 1147.64 | 1149.29 | 1151.53 |
| 50.0 | 1099.33 | 1093.40 | 1091.52 | 1086.38 | 1083.15 | 1082.62 | 1080.29 | 1081.12 | 1082.69 | 1085.00 |
| 52.5 | 1032.32 | 1027.19 | 1022.90 | 1019.45 | 1015.87 | 1014.95 | 1014.00 | 1013.71 | 1014.76 | 1017.18 |
| 55.0 | 963.14 | 955.55 | 955.22 | 950.91 | 948.65 | 946.65 | 944.21 | 944.82 | 944.01 | 945.38 |
| 57.5 | 895.18 | 889.36 | 884.71 | 882.35 | 877.45 | 877.60 | 873.69 | 874.24 | 874.09 | 877.35 |
| 60.0 | 826.30 | 819.19 | 814.18 | 810.99 | 808.48 | 807.04 | 804.32 | 804.40 | 803.56 | 806.60 |
| 62.5 | 755.79 | 750.02 | 743.08 | 739.55 | 736.22 | 735.00 | 732.68 | 731.40 | 733.17 | 735.22 |
| 65.0 | 684.92 | 677.97 | 672.64 | 668.72 | 667.25 | 661.35 | 662.61 | 658.21 | 660.25 | 661.87 |
| 67.5 | 614.06 | 608.24 | 601.84 | 596.84 | 594.60 | 590.94 | 590.27 | 586.86 | 587.68 | 590.38 |
| 70.0 | 543.20 | 536.32 | 531.82 | 526.39 | 522.83 | 519.77 | 518.74 | 517.74 | 517.68 | 517.95 |
| 72.5 | 471.99 | 463.56 | 458.58 | 454.01 | 451.80 | 449.26 | 446.30 | 444.80 | 445.34 | 446.61 |
| 75.0 | 402.42 | 395.34 | 389.85 | 385.29 | 381.74 | 379.00 | 376.69 | 375.75 | 375.97 | 377.08 |
| 77.5 | 332.89 | 328.03 | 322.83 | 317.34 | 314.32 | 311.40 | 307.32 | 307.99 | 306.02 | 308.03 |
| 80.0 | 266.52 | 261.53 | 253.76 | 249.50 | 246.34 | 243.97 | 240.79 | 240.32 | 238.65 | 240.81 |
| 82.5 | 201.77 | 195.15 | 189.92 | 185.57 | 181.87 | 179.74 | 175.81 | 176.31 | 173.08 | 174.70 |
| 85.0 | 139.79 | 133.18 | 126.83 | 122.82 | 119.04 | 116.93 | 113.69 | 112.57 | 112.25 | 112.72 |
| 87.5 | 80.27 | 75.07 | 69.74 | 67.21 | 64.80 | 60.03 | 59.02 | 58.60 | 59.30 | 58.21 |
| 90.0 | 46.99 | 46.64 | 46.15 | 46.04 | 46.29 | 46.36 | 46.30 | 46.32 | 46.58 | 47.22 |
| 92.5 | 48.68 | 48.97 | 49.34 | 49.40 | 49.62 | 50.05 | 50.33 | 50.33 | 50.71 | 50.94 |
| 95.0 | 53.11 | 53.64 | 53.90 | 54.21 | 54.15 | 54.50 | 54.52 | 54.94 | 55.39 | 56.06 |
| 97.5 | 57.67 | 57.42 | 58.99 | 59.00 | 58.92 | 59.12 | 59.25 | 59.75 | 60.36 | 61.04 |
| 100.0 | 62.61 | 60.08 | 60.95 | 63.12 | 63.91 | 64.42 | 65.01 | 65.39 | 66.26 | 67.03 |
| 102.5 | 68.79 | 62.96 | 64.11 | 65.68 | 67.50 | 69.08 | 70.15 | 71.27 | 71.88 | 71.87 |
| 105.0 | 72.60 | 67.84 | 67.28 | 69.05 | 70.79 | 72.68 | 74.90 | 76.16 | 76.67 | 75.48 |
| 107.5 | 77.32 | 74.18 | 70.43 | 72.51 | 74.79 | 77.11 | 79.54 | 80.24 | 80.49 | 79.61 |
| 110.0 | 81.58 | 80.08 | 75.69 | 76.36 | 78.72 | 81.27 | 82.75 | 83.66 | 84.05 | 83.76 |
| 112.5 | 85.95 | 84.43 | 83.86 | 81.92 | 82.58 | 84.92 | 86.03 | 86.89 | 87.41 | 87.70 |
| 115.0 | 90.26 | 89.41 | 91.00 | 88.45 | 87.59 | 88.86 | 89.99 | 90.63 | 91.93 | 94.84 |
| 117.5 | 93.09 | 93.09 | 95.75 | 95.49 | 93.57 | 92.60 | 93.68 | 94.59 | 96.76 | 99.94 |
| 120.0 | 94.75 | 97.07 | 98.95 | 99.99 | 99.56 | 97.19 | 96.61 | 97.01 | 99.28 | 101.94 |
| 122.5 | 97.88 | 99.26 | 102.36 | 103.06 | 104.02 | 102.32 | 100.01 | 99.43 | 101.19 | 103.58 |
| 125.0 | 99.96 | 101.62 | 103.97 | 105.93 | 107.01 | 106.47 | 103.83 | 102.72 | 103.21 | 104.98 |
| 127.5 | 103.06 | 104.38 | 106.64 | 108.25 | 109.49 | 110.18 | 107.73 | 105.44 | 105.25 | 106.87 |
| 130.0 | 106.16 | 107.17 | 108.30 | 110.55 | 111.71 | 112.88 | 111.11 | 108.69 | 107.33 | 108.57 |
| 132.5 | 108.58 | 109.84 | 111.03 | 112.30 | 113.64 | 115.21 | 113.97 | 111.16 | 109.57 | 110.44 |
| 135.0 | 111.35 | 112.26 | 113.33 | 113.93 | 115.77 | 116.91 | 116.74 | 114.00 | 111.72 | 112.31 |
| 137.5 | 113.72 | 114.65 | 116.79 | 116.96 | 117.72 | 119.20 | 119.81 | 116.93 | 113.53 | 114.31 |
| 140.0 | 116.14 | 117.01 | 118.81 | 119.39 | 120.25 | 121.83 | 123.28 | 120.56 | 116.69 | 116.58 |
| 142.5 | 119.84 | 119.54 | 120.08 | 122.12 | 123.29 | 124.68 | 126.57 | 124.03 | 120.04 | 119.47 |
| 145.0 | 123.57 | 122.87 | 124.04 | 126.18 | 127.04 | 128.18 | 129.59 | 128.01 | 123.70 | 122.15 |
| 147.5 | 129.02 | 129.12 | 129.99 | 131.93 | 131.54 | 131.28 | 132.56 | 131.54 | 127.17 | 125.07 |
| 150.0 | 135.21 | 135.31 | 135.01 | 137.64 | 137.67 | 136.81 | 138.57 | 136.96 | 132.51 | 130.16 |
| 152.5 | 140.18 | 139.26 | 138.63 | 140.91 | 143.53 | 142.97 | 144.52 | 144.48 | 139.69 | 137.27 |
| 155.0 | 143.65 | 142.42 | 141.61 | 142.68 | 145.49 | 148.50 | 151.46 | 152.21 | 147.31 | 142.06 |
| 157.5 | 146.60 | 145.96 | 144.07 | 144.51 | 146.92 | 150.28 | 153.70 | 155.57 | 150.78 | 145.52 |
| 160.0 | 148.99 | 149.40 | 146.72 | 146.62 | 147.66 | 151.26 | 155.22 | 157.70 | 153.27 | 149.17 |
| 162.5 | 150.98 | 151.74 | 150.04 | 148.72 | 148.89 | 152.56 | 157.02 | 160.03 | 155.61 | 151.86 |
| 165.0 | 152.52 | 154.40 | 153.15 | 150.97 | 150.14 | 153.49 | 158.37 | 161.72 | 157.77 | 154.20 |
| 167.5 | 153.96 | 156.00 | 155.44 | 153.55 | 151.55 | 154.17 | 159.37 | 162.60 | 159.57 | 155.77 |

IES INDOOR REPORT
PHOTOMETRIC FILENAME : ONE M.IES

CANDELA TABULATION - (Cont.)

| | | | | | | | | | | |
|--------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 170.0 | 154.98 | 157.25 | 157.37 | 155.58 | 153.31 | 155.11 | 160.09 | 163.02 | 160.62 | 156.93 |
| 172.5 | 155.50 | 158.04 | 158.53 | 157.34 | 155.00 | 155.35 | 160.40 | 163.11 | 161.37 | 157.33 |
| 175.0 | 155.72 | 158.70 | 159.28 | 158.83 | 156.53 | 155.43 | 160.38 | 163.04 | 162.11 | 157.42 |
| 177.5 | 155.61 | 158.51 | 159.69 | 159.62 | 157.44 | 155.60 | 160.60 | 163.48 | 162.58 | 157.62 |
| 180.0 | 156.78 | 156.78 | 156.78 | 156.78 | 156.78 | 156.78 | 156.78 | 156.78 | 156.78 | 156.78 |

Vert. Horizontal Angles
Angles

| | 300 | 310 | 320 | 330 | 340 | 350 | 360 |
|--------------|------------|------------|------------|------------|------------|------------|------------|
| 0.0 | 1893.85 | 1893.85 | 1893.85 | 1893.85 | 1893.85 | 1893.85 | 1893.85 |
| 2.5 | 1892.00 | 1891.60 | 1891.91 | 1892.03 | 1891.81 | 1891.25 | 1885.50 |
| 5.0 | 1884.12 | 1884.12 | 1884.76 | 1884.93 | 1885.12 | 1885.53 | 1878.86 |
| 7.5 | 1872.10 | 1872.69 | 1874.06 | 1874.30 | 1874.63 | 1875.52 | 1867.40 |
| 10.0 | 1856.59 | 1856.52 | 1858.94 | 1859.42 | 1860.91 | 1861.73 | 1851.27 |
| 12.5 | 1835.91 | 1836.27 | 1837.95 | 1839.60 | 1839.91 | 1842.08 | 1830.41 |
| 15.0 | 1809.25 | 1810.40 | 1811.81 | 1813.93 | 1815.73 | 1818.62 | 1805.20 |
| 17.5 | 1778.57 | 1780.85 | 1782.09 | 1784.28 | 1786.97 | 1789.30 | 1774.53 |
| 20.0 | 1744.49 | 1745.87 | 1748.96 | 1750.72 | 1754.00 | 1757.56 | 1740.54 |
| 22.5 | 1706.24 | 1707.44 | 1711.45 | 1714.03 | 1717.56 | 1720.33 | 1702.59 |
| 25.0 | 1664.41 | 1666.21 | 1668.74 | 1673.40 | 1675.88 | 1679.98 | 1660.18 |
| 27.5 | 1618.20 | 1621.19 | 1625.01 | 1628.03 | 1632.17 | 1634.62 | 1614.17 |
| 30.0 | 1569.07 | 1573.18 | 1576.49 | 1579.56 | 1584.00 | 1587.57 | 1564.09 |
| 32.5 | 1517.28 | 1520.87 | 1523.59 | 1529.17 | 1533.00 | 1538.19 | 1511.91 |
| 35.0 | 1463.63 | 1467.60 | 1468.62 | 1474.95 | 1478.51 | 1483.67 | 1457.20 |
| 37.5 | 1405.69 | 1408.81 | 1413.19 | 1417.61 | 1423.20 | 1427.91 | 1402.21 |
| 40.0 | 1347.28 | 1350.47 | 1353.94 | 1358.20 | 1364.12 | 1368.94 | 1343.47 |
| 42.5 | 1284.83 | 1286.81 | 1293.67 | 1296.89 | 1301.17 | 1307.41 | 1280.68 |
| 45.0 | 1220.54 | 1222.32 | 1228.66 | 1233.38 | 1238.30 | 1244.09 | 1216.57 |
| 47.5 | 1155.08 | 1157.18 | 1163.21 | 1169.61 | 1173.45 | 1178.71 | 1151.06 |
| 50.0 | 1087.64 | 1091.63 | 1096.83 | 1101.43 | 1107.88 | 1111.38 | 1084.95 |
| 52.5 | 1019.60 | 1022.86 | 1028.63 | 1032.41 | 1039.14 | 1043.92 | 1018.45 |
| 55.0 | 949.37 | 953.92 | 958.37 | 963.38 | 969.33 | 975.07 | 948.37 |
| 57.5 | 880.46 | 884.11 | 887.57 | 893.38 | 898.40 | 905.37 | 876.79 |
| 60.0 | 808.63 | 811.60 | 815.85 | 821.52 | 828.48 | 834.81 | 807.04 |
| 62.5 | 737.07 | 741.38 | 744.62 | 749.44 | 756.86 | 762.77 | 738.23 |
| 65.0 | 664.51 | 666.69 | 674.58 | 678.93 | 683.04 | 690.88 | 665.40 |
| 67.5 | 592.04 | 594.90 | 600.69 | 606.28 | 611.32 | 619.01 | 594.99 |
| 70.0 | 520.66 | 523.08 | 529.64 | 535.92 | 539.07 | 546.43 | 521.80 |
| 72.5 | 448.59 | 451.24 | 457.97 | 461.03 | 466.20 | 471.31 | 449.50 |
| 75.0 | 377.25 | 381.62 | 386.27 | 389.85 | 395.00 | 401.18 | 379.41 |
| 77.5 | 309.53 | 312.21 | 316.11 | 319.11 | 325.82 | 330.84 | 310.87 |
| 80.0 | 242.09 | 246.01 | 248.01 | 252.46 | 258.03 | 262.31 | 242.83 |
| 82.5 | 174.21 | 177.90 | 181.46 | 185.88 | 189.91 | 196.44 | 177.79 |
| 85.0 | 113.44 | 115.87 | 117.86 | 121.67 | 126.27 | 132.12 | 115.33 |
| 87.5 | 57.95 | 61.70 | 85.26 | 64.46 | 68.25 | 73.99 | 61.48 |
| 90.0 | 47.86 | 48.32 | 55.69 | 48.32 | 48.50 | 48.70 | 48.33 |
| 92.5 | 51.22 | 51.68 | 52.27 | 52.21 | 52.48 | 52.33 | 53.74 |
| 95.0 | 56.29 | 56.73 | 57.27 | 57.76 | 57.90 | 58.24 | 59.32 |
| 97.5 | 61.71 | 62.13 | 62.82 | 62.71 | 62.60 | 63.48 | 65.42 |
| 100.0 | 67.67 | 67.63 | 65.97 | 65.74 | 68.34 | 69.35 | 71.75 |
| 102.5 | 71.62 | 70.16 | 69.06 | 69.69 | 75.46 | 75.75 | 77.94 |
| 105.0 | 74.40 | 73.40 | 72.29 | 75.88 | 82.14 | 82.45 | 84.73 |
| 107.5 | 78.35 | 77.32 | 77.84 | 83.34 | 87.80 | 88.48 | 90.00 |
| 110.0 | 82.20 | 82.89 | 87.59 | 89.18 | 91.93 | 92.35 | 93.66 |
| 112.5 | 88.95 | 92.12 | 93.55 | 94.26 | 96.26 | 96.72 | 98.32 |
| 115.0 | 96.99 | 98.96 | 99.74 | 99.17 | 99.84 | 100.65 | 101.36 |

IES INDOOR REPORT
PHOTOMETRIC FILENAME : ONE M.IES

CANDELA TABULATION - (Cont.)

| | | | | | | | |
|--------------|--------|--------|--------|--------|--------|--------|--------|
| 117.5 | 102.61 | 103.89 | 104.14 | 103.11 | 104.98 | 106.60 | 105.35 |
| 120.0 | 104.96 | 106.11 | 106.05 | 105.35 | 107.24 | 107.87 | 108.28 |
| 122.5 | 106.18 | 108.62 | 108.33 | 107.80 | 109.05 | 110.32 | 109.68 |
| 125.0 | 107.50 | 109.83 | 110.21 | 110.32 | 110.70 | 112.11 | 111.90 |
| 127.5 | 108.78 | 110.92 | 112.44 | 112.52 | 113.04 | 114.91 | 114.30 |
| 130.0 | 110.04 | 111.62 | 113.53 | 114.35 | 115.33 | 116.88 | 116.10 |
| 132.5 | 111.75 | 113.18 | 115.18 | 116.00 | 117.66 | 118.84 | 118.79 |
| 135.0 | 113.44 | 113.94 | 115.29 | 117.24 | 119.89 | 121.65 | 121.72 |
| 137.5 | 114.81 | 115.34 | 116.46 | 118.45 | 121.59 | 124.01 | 124.16 |
| 140.0 | 116.71 | 116.74 | 117.55 | 119.81 | 123.33 | 125.87 | 126.03 |
| 142.5 | 118.76 | 118.32 | 118.09 | 121.10 | 124.82 | 128.09 | 128.06 |
| 145.0 | 120.96 | 119.80 | 119.44 | 121.69 | 126.31 | 130.00 | 129.67 |
| 147.5 | 123.44 | 122.13 | 121.26 | 123.70 | 128.42 | 131.94 | 131.90 |
| 150.0 | 128.80 | 127.36 | 125.53 | 126.82 | 130.34 | 134.51 | 135.20 |
| 152.5 | 135.17 | 133.57 | 131.52 | 131.22 | 133.32 | 136.87 | 139.44 |
| 155.0 | 140.11 | 138.05 | 136.93 | 136.06 | 136.95 | 140.18 | 143.41 |
| 157.5 | 143.43 | 141.81 | 140.18 | 139.15 | 140.38 | 143.10 | 146.53 |
| 160.0 | 146.48 | 144.29 | 141.52 | 140.82 | 141.69 | 144.73 | 148.03 |
| 162.5 | 149.30 | 146.39 | 143.50 | 142.31 | 142.85 | 145.28 | 149.29 |
| 165.0 | 152.32 | 148.58 | 145.39 | 144.34 | 144.46 | 146.55 | 150.70 |
| 167.5 | 154.83 | 151.13 | 147.79 | 145.96 | 145.74 | 147.41 | 151.34 |
| 170.0 | 156.51 | 153.41 | 149.78 | 147.47 | 146.79 | 148.16 | 151.86 |
| 172.5 | 158.02 | 155.53 | 151.45 | 148.64 | 147.71 | 148.54 | 152.03 |
| 175.0 | 158.87 | 156.83 | 152.98 | 149.82 | 148.57 | 148.85 | 152.23 |
| 177.5 | 159.29 | 157.69 | 154.79 | 151.11 | 149.52 | 149.36 | 152.56 |
| 180.0 | 156.78 | 156.78 | 156.78 | 156.78 | 156.78 | 156.78 | 156.78 |

IES INDOOR REPORT
PHOTOMETRIC FILENAME : ONE M.IES

ZONAL LUMEN SUMMARY

| Zone | Lumens | %Lamp | %Fixt |
|---------|---------|-------|--------|
| 0-20 | 689.98 | N.A. | 11.40 |
| 0-30 | 1459.21 | N.A. | 24.10 |
| 0-40 | 2379.79 | N.A. | 39.20 |
| 0-60 | 4193.56 | N.A. | 69.10 |
| 0-80 | 5293.2 | N.A. | 87.30 |
| 0-90 | 5447.04 | N.A. | 89.80 |
| 10-90 | 5268.04 | N.A. | 86.90 |
| 20-40 | 1689.82 | N.A. | 27.90 |
| 20-50 | 2640.46 | N.A. | 43.50 |
| 40-70 | 2490.65 | N.A. | 41.10 |
| 60-80 | 1099.65 | N.A. | 18.10 |
| 70-80 | 422.75 | N.A. | 7.00 |
| 80-90 | 153.84 | N.A. | 2.50 |
| 90-110 | 139.51 | N.A. | 2.30 |
| 90-120 | 231.67 | N.A. | 3.80 |
| 90-130 | 326.47 | N.A. | 5.40 |
| 90-150 | 493.84 | N.A. | 8.10 |
| 90-180 | 617.52 | N.A. | 10.20 |
| 110-180 | 478.01 | N.A. | 7.90 |
| 0-180 | 6064.56 | N.A. | 100.00 |

Total Luminaire Efficiency = N.A.%

ZONAL LUMEN SUMMARY

| Zone | Lumens |
|---------|--------|
| 0-10 | 179.00 |
| 10-20 | 510.98 |
| 20-30 | 769.23 |
| 30-40 | 920.58 |
| 40-50 | 950.64 |
| 50-60 | 863.12 |
| 60-70 | 676.89 |
| 70-80 | 422.75 |
| 80-90 | 153.84 |
| 90-100 | 60.75 |
| 100-110 | 78.76 |
| 110-120 | 92.16 |
| 120-130 | 94.80 |
| 130-140 | 88.90 |
| 140-150 | 78.47 |
| 150-160 | 65.84 |
| 160-170 | 42.99 |
| 170-180 | 14.86 |

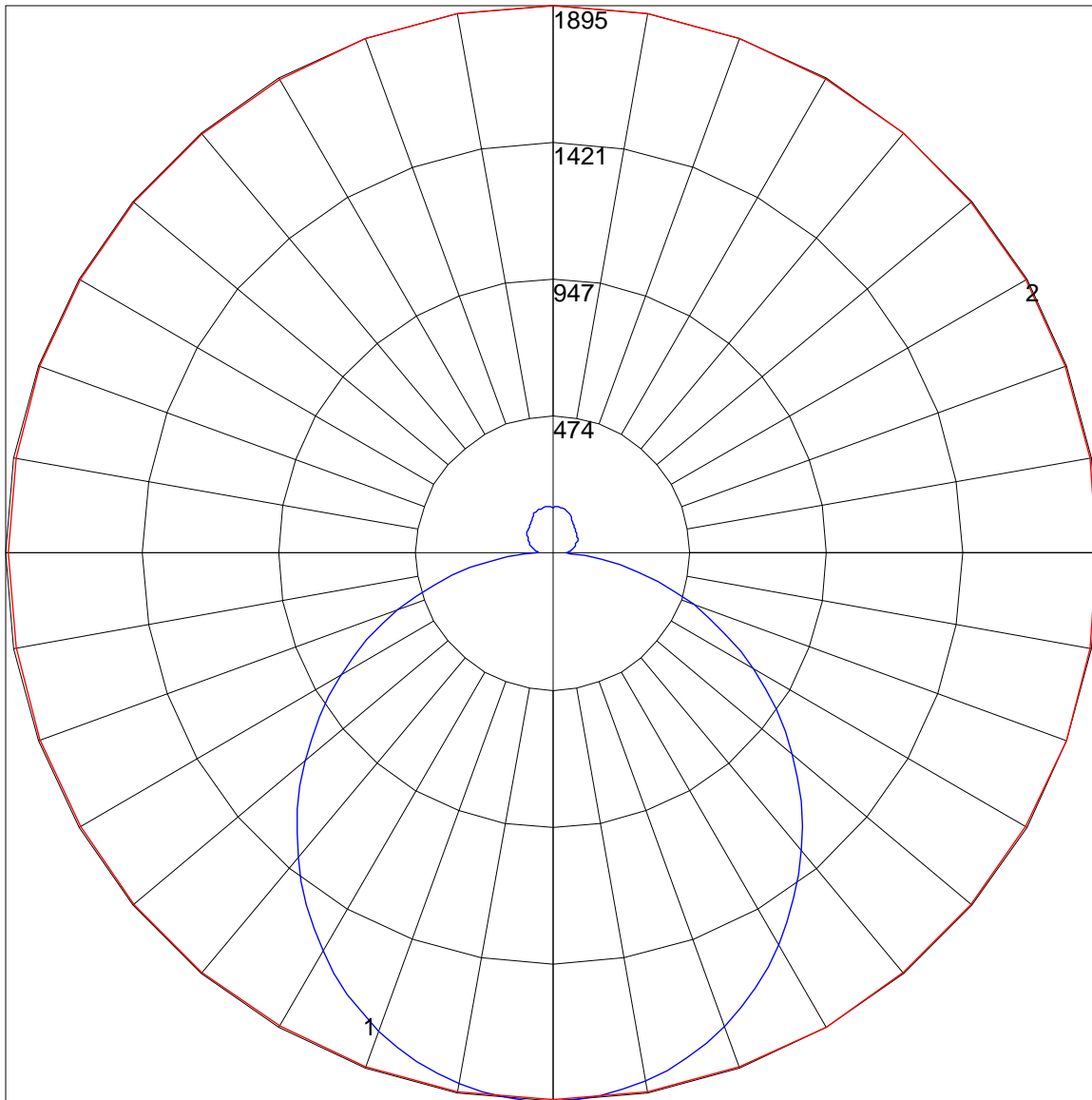
IES INDOOR REPORT
PHOTOMETRIC FILENAME : ONE M.IES

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 | 117 | 117 | 117 | 117 | 113 | 113 | 113 | 113 | 105 | 105 | 105 | 99 | 99 | 99 | 93 | 93 | 93 | 90 |
| 1 | 106 | 101 | 97 | 93 | 102 | 98 | 94 | 90 | 92 | 88 | 86 | 86 | 83 | 81 | 81 | 79 | 77 | 74 |
| 2 | 96 | 88 | 81 | 75 | 93 | 85 | 79 | 73 | 80 | 75 | 70 | 75 | 71 | 67 | 71 | 67 | 64 | 61 |
| 3 | 88 | 77 | 69 | 62 | 84 | 75 | 67 | 61 | 70 | 64 | 59 | 66 | 61 | 56 | 62 | 58 | 54 | 52 |
| 4 | 80 | 68 | 59 | 53 | 77 | 66 | 58 | 52 | 62 | 55 | 50 | 59 | 53 | 48 | 55 | 50 | 46 | 44 |
| 5 | 74 | 61 | 52 | 45 | 71 | 59 | 51 | 44 | 56 | 49 | 43 | 53 | 46 | 42 | 50 | 45 | 40 | 38 |
| 6 | 68 | 55 | 46 | 39 | 65 | 53 | 45 | 39 | 50 | 43 | 38 | 48 | 41 | 36 | 45 | 40 | 35 | 33 |
| 7 | 63 | 49 | 41 | 35 | 61 | 48 | 40 | 34 | 46 | 38 | 33 | 43 | 37 | 32 | 41 | 36 | 31 | 29 |
| 8 | 59 | 45 | 37 | 31 | 56 | 44 | 36 | 30 | 42 | 35 | 30 | 40 | 33 | 29 | 38 | 32 | 28 | 26 |
| 9 | 55 | 41 | 33 | 28 | 53 | 40 | 33 | 27 | 38 | 32 | 27 | 37 | 30 | 26 | 35 | 29 | 25 | 23 |
| 10 | 51 | 38 | 30 | 25 | 49 | 37 | 30 | 25 | 36 | 29 | 24 | 34 | 28 | 24 | 32 | 27 | 23 | 21 |

POLAR GRAPH



Maximum Candela = 1894.84 Located At Horizontal Angle = 100, Vertical Angle = 2.5
1 - Vertical Plane Through Horizontal Angles (100 - 280) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (2.5) (Through Max. Cd.)