



## IES INDOOR REPORT

PHOTOMETRIC FILENAME : MX4U-4-00-L12-835-FASY-DIM-UNV\_.IES

### DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] GEN FROM ul #13323616.01

[TESTLAB] UL Verification Services Inc.

[ISSUE DATE] 8 OCT 2020

[MANUFAC] H E Williams Inc

[LUMCAT] MX4U-4'00-L12/835-FASY-DIM-UNV

[LUMINAIRE] White aluminum housing, frosted lens enclosure

[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

### CHARACTERISTICS

|                                 |                 |
|---------------------------------|-----------------|
| Lumens Per Lamp                 | N.A. (absolute) |
| Total Lamp Lumens               | N.A. (absolute) |
| Luminaire Lumens                | 4607            |
| Total Luminaire Efficiency      | N.A.            |
| Luminaire Efficacy Rating (LER) | 107             |
| Total Luminaire Watts           | 43.2            |
| Ballast Factor                  | 1.00            |
| CIE Type                        | Indirect        |
| Spacing Criterion (0-180)       | N.A.            |
| Spacing Criterion (90-270)      | N.A.            |
| Spacing Criterion (Diagonal)    | N.A.            |
| Basic Luminous Shape            | Rectangular     |
| Luminous Length (0-180)         | 4.00 ft         |
| Luminous Width (90-270)         | 0.33 ft         |
| Luminous Height                 | 0.00 ft         |

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

| Angle In<br>Degrees | Average<br>0-Deg | Average<br>45-Deg | Average<br>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**

|              | <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> |
|--------------|------------|------------|------------|------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>0.0</b>   | 0.000      | 0.000      | 0.000      | 0.000      | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       |
| <b>2.5</b>   | 0.000      | 0.000      | 0.000      | 0.000      | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       |
| <b>5.0</b>   | 0.000      | 0.000      | 0.000      | 0.000      | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       |
| <b>7.5</b>   | 0.000      | 0.000      | 0.000      | 0.000      | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       |
| <b>10.0</b>  | 0.000      | 0.000      | 0.000      | 0.000      | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       |
| <b>12.5</b>  | 0.000      | 0.000      | 0.000      | 0.000      | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       |
| <b>15.0</b>  | 0.000      | 0.000      | 0.000      | 0.000      | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       |
| <b>17.5</b>  | 0.000      | 0.000      | 0.000      | 0.000      | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       |
| <b>20.0</b>  | 0.000      | 0.000      | 0.000      | 0.000      | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       |
| <b>22.5</b>  | 0.000      | 0.000      | 0.000      | 0.000      | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       |
| <b>25.0</b>  | 0.000      | 0.000      | 0.000      | 0.000      | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       |
| <b>27.5</b>  | 0.000      | 0.000      | 0.000      | 0.000      | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       |
| <b>30.0</b>  | 0.000      | 0.000      | 0.000      | 0.000      | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       |
| <b>32.5</b>  | 0.000      | 0.000      | 0.000      | 0.000      | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       |
| <b>35.0</b>  | 0.000      | 0.000      | 0.000      | 0.000      | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       |
| <b>37.5</b>  | 0.000      | 0.000      | 0.000      | 0.000      | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       |
| <b>40.0</b>  | 0.000      | 0.000      | 0.000      | 0.000      | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       |
| <b>42.5</b>  | 0.000      | 0.000      | 0.000      | 0.000      | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       |
| <b>45.0</b>  | 0.000      | 0.000      | 0.000      | 0.000      | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       |
| <b>47.5</b>  | 0.000      | 0.000      | 0.000      | 0.000      | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       |
| <b>50.0</b>  | 0.000      | 0.000      | 0.000      | 0.000      | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       |
| <b>52.5</b>  | 0.000      | 0.000      | 0.000      | 0.000      | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       |
| <b>55.0</b>  | 0.000      | 0.000      | 0.000      | 0.000      | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       |
| <b>57.5</b>  | 0.000      | 0.000      | 0.000      | 0.000      | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       |
| <b>60.0</b>  | 0.000      | 0.000      | 0.000      | 0.000      | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       |
| <b>62.5</b>  | 0.000      | 0.000      | 0.000      | 0.000      | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       |
| <b>65.0</b>  | 0.000      | 0.000      | 0.000      | 0.000      | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       |
| <b>67.5</b>  | 0.000      | 0.000      | 0.000      | 0.000      | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       |
| <b>70.0</b>  | 0.000      | 0.000      | 0.000      | 0.000      | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       |
| <b>72.5</b>  | 0.000      | 0.000      | 0.000      | 0.000      | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       |
| <b>75.0</b>  | 0.000      | 0.000      | 0.000      | 0.000      | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       |
| <b>77.5</b>  | 0.000      | 0.000      | 0.000      | 0.000      | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       |
| <b>80.0</b>  | 0.000      | 0.000      | 0.000      | 0.000      | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       |
| <b>82.5</b>  | 0.000      | 0.000      | 0.000      | 0.000      | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       |
| <b>85.0</b>  | 0.000      | 0.000      | 0.000      | 0.000      | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       |
| <b>87.5</b>  | 0.000      | 0.000      | 0.000      | 0.000      | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       |
| <b>90.0</b>  | 3.337      | 4.023      | 4.708      | 5.392      | 6.078       | 6.764       | 7.449       | 8.133       | 8.819       | 9.504       |
| <b>92.5</b>  | 32.720     | 34.840     | 36.960     | 39.080     | 41.201      | 43.321      | 45.441      | 47.561      | 49.681      | 51.801      |
| <b>95.0</b>  | 71.824     | 75.056     | 78.289     | 81.521     | 84.754      | 87.986      | 91.220      | 94.452      | 97.685      | 100.917     |
| <b>97.5</b>  | 118.183    | 122.529    | 126.874    | 131.218    | 135.563     | 139.908     | 144.254     | 148.597     | 152.943     | 157.288     |
| <b>100.0</b> | 171.434    | 176.739    | 182.044    | 187.347    | 192.651     | 197.956     | 203.260     | 208.563     | 213.868     | 219.172     |
| <b>102.5</b> | 230.636    | 236.657    | 242.679    | 248.701    | 254.723     | 260.743     | 266.765     | 272.787     | 278.808     | 284.830     |
| <b>105.0</b> | 292.883    | 299.662    | 306.442    | 313.221    | 320.000     | 326.780     | 333.559     | 340.338     | 347.118     | 353.897     |
| <b>107.5</b> | 356.945    | 364.490    | 372.035    | 379.580    | 387.126     | 394.670     | 402.216     | 409.761     | 417.305     | 424.851     |
| <b>110.0</b> | 422.166    | 430.396    | 438.627    | 446.857    | 455.088     | 463.318     | 471.549     | 479.779     | 488.010     | 496.240     |
| <b>112.5</b> | 488.550    | 497.030    | 505.511    | 513.991    | 522.471     | 530.950     | 539.430     | 547.911     | 556.391     | 564.872     |
| <b>115.0</b> | 553.192    | 562.383    | 571.572    | 580.761    | 589.951     | 599.140     | 608.330     | 617.519     | 626.710     | 635.899     |
| <b>117.5</b> | 616.672    | 626.684    | 636.697    | 646.708    | 656.719     | 666.732     | 676.743     | 686.755     | 696.768     | 706.779     |
| <b>120.0</b> | 680.517    | 691.238    | 701.960    | 712.681    | 723.403     | 734.124     | 744.844     | 755.565     | 766.287     | 777.008     |
| <b>122.5</b> | 743.634    | 755.001    | 766.366    | 777.733    | 789.099     | 800.464     | 811.831     | 823.198     | 834.563     | 845.930     |
| <b>125.0</b> | 806.753    | 818.603    | 830.452    | 842.302    | 854.152     | 866.001     | 877.852     | 889.701     | 901.552     | 913.401     |
| <b>127.5</b> | 869.871    | 881.962    | 894.055    | 906.146    | 918.237     | 930.330     | 942.421     | 954.512     | 966.605     | 978.696     |
| <b>130.0</b> | 930.088    | 942.663    | 955.238    | 967.813    | 980.388     | 992.964     | 1005.539    | 1018.115    | 1030.690    | 1043.265    |
| <b>132.5</b> | 988.128    | 1001.348   | 1014.569   | 1027.789   | 1041.009    | 1054.228    | 1067.448    | 1080.669    | 1093.889    | 1107.109    |

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PHOTOMETRIC FILENAME : MX4U-4-00-L12-835-FASY-DIM-UNV\_.IES

## CANDELA TABULATION - (Cont.)

|       |          |          |          |          |          |          |          |          |          |          |
|-------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 135.0 | 1046.167 | 1059.790 | 1073.414 | 1087.036 | 1100.660 | 1114.283 | 1127.907 | 1141.529 | 1155.152 | 1168.776 |
| 137.5 | 1104.207 | 1117.831 | 1131.454 | 1145.076 | 1158.700 | 1172.323 | 1185.947 | 1199.569 | 1213.193 | 1226.816 |
| 140.0 | 1161.521 | 1174.984 | 1188.446 | 1201.907 | 1215.369 | 1228.831 | 1242.293 | 1255.754 | 1269.216 | 1282.679 |
| 142.5 | 1216.659 | 1229.960 | 1243.261 | 1256.562 | 1269.863 | 1283.163 | 1296.463 | 1309.764 | 1323.065 | 1336.366 |
| 145.0 | 1268.895 | 1282.357 | 1295.820 | 1309.281 | 1322.743 | 1336.205 | 1349.667 | 1363.128 | 1376.590 | 1390.053 |
| 147.5 | 1318.955 | 1332.417 | 1345.879 | 1359.340 | 1372.802 | 1386.265 | 1399.727 | 1413.188 | 1426.650 | 1440.112 |
| 150.0 | 1367.563 | 1380.702 | 1393.842 | 1406.982 | 1420.121 | 1433.259 | 1446.399 | 1459.539 | 1472.678 | 1485.818 |
| 152.5 | 1413.994 | 1426.650 | 1439.306 | 1451.961 | 1464.617 | 1477.274 | 1489.930 | 1502.586 | 1515.241 | 1527.897 |
| 155.0 | 1456.073 | 1468.164 | 1480.257 | 1492.348 | 1504.439 | 1516.532 | 1528.623 | 1540.714 | 1552.807 | 1564.898 |
| 157.5 | 1494.524 | 1505.891 | 1517.256 | 1528.623 | 1539.990 | 1551.355 | 1562.721 | 1574.088 | 1585.453 | 1596.820 |
| 160.0 | 1528.623 | 1539.183 | 1549.743 | 1560.303 | 1570.863 | 1581.423 | 1591.983 | 1602.544 | 1613.104 | 1623.664 |
| 162.5 | 1559.093 | 1568.766 | 1578.441 | 1588.113 | 1597.786 | 1607.461 | 1617.134 | 1626.806 | 1636.481 | 1646.154 |
| 165.0 | 1585.937 | 1594.482 | 1603.026 | 1611.571 | 1620.116 | 1628.660 | 1637.205 | 1645.750 | 1654.294 | 1662.839 |
| 167.5 | 1609.153 | 1616.488 | 1623.824 | 1631.160 | 1638.496 | 1645.831 | 1653.166 | 1660.503 | 1667.838 | 1675.174 |
| 170.0 | 1628.742 | 1634.708 | 1640.672 | 1646.638 | 1652.603 | 1658.567 | 1664.533 | 1670.499 | 1676.463 | 1682.428 |
| 172.5 | 1643.977 | 1648.652 | 1653.328 | 1658.004 | 1662.679 | 1667.354 | 1672.030 | 1676.706 | 1681.381 | 1686.056 |
| 175.0 | 1654.860 | 1658.166 | 1661.470 | 1664.775 | 1668.080 | 1671.384 | 1674.690 | 1677.995 | 1681.299 | 1684.605 |
| 177.5 | 1661.389 | 1663.242 | 1665.098 | 1666.951 | 1668.805 | 1670.660 | 1672.514 | 1674.367 | 1676.222 | 1678.076 |
| 180.0 | 1659.197 | 1659.197 | 1659.197 | 1659.197 | 1659.197 | 1659.197 | 1659.197 | 1659.197 | 1659.197 | 1659.197 |

## Vert. Horizontal Angles

|      | <u>25.0</u> | <u>27.5</u> | <u>30.0</u> | <u>32.5</u> | <u>35.0</u> | <u>37.5</u> | <u>40.0</u> | <u>42.5</u> | <u>45.0</u> | <u>47.5</u> |
|------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| 0.0  | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       |
| 2.5  | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       |
| 5.0  | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       |
| 7.5  | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       |
| 10.0 | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       |
| 12.5 | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       |
| 15.0 | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       |
| 17.5 | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       |
| 20.0 | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       |
| 22.5 | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       |
| 25.0 | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       |
| 27.5 | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       |
| 30.0 | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       |
| 32.5 | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       |
| 35.0 | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       |
| 37.5 | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       |
| 40.0 | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       |
| 42.5 | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       |
| 45.0 | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       |
| 47.5 | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       |
| 50.0 | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       |
| 52.5 | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       |
| 55.0 | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       |
| 57.5 | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       |
| 60.0 | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       |
| 62.5 | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       |
| 65.0 | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       |
| 67.5 | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       |
| 70.0 | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       |
| 72.5 | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       |
| 75.0 | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       |
| 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       |

**IES INDOOR REPORT**

**PHOTOMETRIC FILENAME : MX4U-4-00-L12-835-FASY-DIM-UNV\_.IES**

**CANDELA TABULATION - (Cont.)**

|       |          |          |          |          |          |          |          |          |          |          |
|-------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 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  | 10.472   | 11.439   | 12.407   | 13.373   | 14.341   | 15.307   | 16.275   | 17.242   | 18.209   | 18.902   |
| 92.5  | 53.526   | 55.250   | 56.976   | 58.701   | 60.425   | 62.151   | 63.876   | 65.600   | 67.326   | 68.527   |
| 95.0  | 103.425  | 105.931  | 108.438  | 110.944  | 113.452  | 115.958  | 118.465  | 120.972  | 123.479  | 125.164  |
| 97.5  | 160.448  | 163.608  | 166.768  | 169.928  | 173.088  | 176.248  | 179.408  | 182.568  | 185.728  | 187.880  |
| 100.0 | 222.929  | 226.685  | 230.443  | 234.199  | 237.955  | 241.711  | 245.469  | 249.225  | 252.981  | 255.512  |
| 102.5 | 289.135  | 293.440  | 297.744  | 302.049  | 306.354  | 310.659  | 314.962  | 319.267  | 323.572  | 326.418  |
| 105.0 | 358.613  | 363.328  | 368.045  | 372.760  | 377.476  | 382.191  | 386.908  | 391.624  | 396.339  | 399.491  |
| 107.5 | 429.970  | 435.088  | 440.207  | 445.326  | 450.446  | 455.565  | 460.683  | 465.802  | 470.921  | 474.347  |
| 110.0 | 501.609  | 506.977  | 512.346  | 517.714  | 523.083  | 528.451  | 533.821  | 539.189  | 544.558  | 548.193  |
| 112.5 | 570.781  | 576.689  | 582.598  | 588.506  | 594.416  | 600.324  | 606.233  | 612.141  | 618.051  | 622.291  |
| 115.0 | 642.283  | 648.668  | 655.051  | 661.436  | 667.821  | 674.206  | 680.590  | 686.974  | 693.358  | 697.816  |
| 117.5 | 713.534  | 720.290  | 727.045  | 733.800  | 740.555  | 747.310  | 754.066  | 760.821  | 767.576  | 772.412  |
| 120.0 | 784.102  | 791.196  | 798.290  | 805.383  | 812.476  | 819.570  | 826.665  | 833.758  | 840.851  | 846.172  |
| 122.5 | 853.507  | 861.084  | 868.662  | 876.240  | 883.818  | 891.395  | 898.972  | 906.549  | 914.127  | 919.770  |
| 125.0 | 921.381  | 929.362  | 937.342  | 945.323  | 953.304  | 961.284  | 969.265  | 977.245  | 985.226  | 991.272  |
| 127.5 | 987.241  | 995.786  | 1004.330 | 1012.875 | 1021.420 | 1029.965 | 1038.510 | 1047.054 | 1055.599 | 1061.726 |
| 130.0 | 1052.132 | 1060.999 | 1069.866 | 1078.734 | 1087.601 | 1096.468 | 1105.336 | 1114.202 | 1123.070 | 1129.358 |
| 132.5 | 1116.138 | 1125.166 | 1134.195 | 1143.223 | 1152.252 | 1161.279 | 1170.308 | 1179.336 | 1188.365 | 1194.734 |
| 135.0 | 1177.886 | 1186.994 | 1196.104 | 1205.212 | 1214.322 | 1223.430 | 1232.540 | 1241.648 | 1250.758 | 1257.367 |
| 137.5 | 1236.166 | 1245.518 | 1254.868 | 1264.220 | 1273.570 | 1282.922 | 1292.272 | 1301.624 | 1310.974 | 1317.906 |
| 140.0 | 1292.352 | 1302.026 | 1311.699 | 1321.372 | 1331.046 | 1340.719 | 1350.392 | 1360.066 | 1369.739 | 1376.832 |
| 142.5 | 1346.039 | 1355.712 | 1365.386 | 1375.059 | 1384.732 | 1394.405 | 1404.079 | 1413.752 | 1423.425 | 1430.680 |
| 145.0 | 1399.403 | 1408.755 | 1418.105 | 1427.457 | 1436.807 | 1446.158 | 1455.509 | 1464.860 | 1474.211 | 1481.546 |
| 147.5 | 1449.382 | 1458.653 | 1467.922 | 1477.194 | 1486.463 | 1495.734 | 1505.004 | 1514.275 | 1523.544 | 1530.638 |
| 150.0 | 1494.928 | 1504.036 | 1513.146 | 1522.254 | 1531.364 | 1540.472 | 1549.582 | 1558.690 | 1567.800 | 1574.651 |
| 152.5 | 1536.361 | 1544.826 | 1553.289 | 1561.754 | 1570.218 | 1578.682 | 1587.146 | 1595.610 | 1604.075 | 1610.765 |
| 155.0 | 1572.717 | 1580.536 | 1588.355 | 1596.175 | 1603.994 | 1611.813 | 1619.632 | 1627.452 | 1635.271 | 1641.640 |
| 157.5 | 1603.913 | 1611.007 | 1618.101 | 1625.195 | 1632.288 | 1639.381 | 1646.476 | 1653.570 | 1660.663 | 1666.629 |
| 160.0 | 1630.033 | 1636.400 | 1642.769 | 1649.136 | 1655.505 | 1661.873 | 1668.242 | 1674.609 | 1680.978 | 1686.379 |
| 162.5 | 1651.716 | 1657.278 | 1662.841 | 1668.403 | 1673.964 | 1679.526 | 1685.089 | 1690.651 | 1696.213 | 1701.050 |
| 165.0 | 1667.676 | 1672.512 | 1677.350 | 1682.186 | 1687.023 | 1691.859 | 1696.697 | 1701.534 | 1706.370 | 1710.803 |
| 167.5 | 1679.042 | 1682.912 | 1686.781 | 1690.651 | 1694.519 | 1698.390 | 1702.258 | 1706.128 | 1709.997 | 1713.867 |
| 170.0 | 1685.411 | 1688.394 | 1691.377 | 1694.360 | 1697.341 | 1700.324 | 1703.307 | 1706.289 | 1709.272 | 1712.336 |
| 172.5 | 1687.910 | 1689.764 | 1691.619 | 1693.472 | 1695.326 | 1697.180 | 1699.035 | 1700.888 | 1702.742 | 1705.160 |
| 175.0 | 1685.411 | 1686.216 | 1687.023 | 1687.829 | 1688.635 | 1689.441 | 1690.248 | 1691.053 | 1691.859 | 1693.552 |
| 177.5 | 1677.834 | 1677.592 | 1677.350 | 1677.108 | 1676.866 | 1676.624 | 1676.382 | 1676.140 | 1675.898 | 1676.785 |
| 180.0 | 1659.197 | 1659.197 | 1659.197 | 1659.197 | 1659.197 | 1659.197 | 1659.197 | 1659.197 | 1659.197 | 1659.197 |

**Vert. Angles      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  | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       |
| 2.5  | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       |
| 5.0  | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       |
| 7.5  | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       |
| 10.0 | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       |
| 12.5 | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       |
| 15.0 | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       |
| 17.5 | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       |
| 20.0 | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       |
| 22.5 | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       |
| 25.0 | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       |
| 27.5 | 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 : MX4U-4-00-L12-835-FASY-DIM-UNV\_.IES**

**CANDELA TABULATION - (Cont.)**

|       |          |          |          |          |          |          |          |          |          |          |
|-------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 30.0  | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 32.5  | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 35.0  | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 37.5  | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 40.0  | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 42.5  | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 45.0  | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 47.5  | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 50.0  | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 52.5  | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 55.0  | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 57.5  | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 60.0  | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 62.5  | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 65.0  | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 67.5  | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 70.0  | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 72.5  | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 75.0  | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 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  | 19.596   | 20.289   | 20.982   | 21.676   | 22.369   | 23.062   | 23.756   | 24.449   | 24.771   | 25.094   |
| 92.5  | 69.728   | 70.929   | 72.130   | 73.332   | 74.533   | 75.734   | 76.935   | 78.136   | 78.564   | 78.990   |
| 95.0  | 126.849  | 128.533  | 130.218  | 131.903  | 133.588  | 135.272  | 136.957  | 138.642  | 139.182  | 139.723  |
| 97.5  | 190.033  | 192.185  | 194.336  | 196.490  | 198.641  | 200.793  | 202.946  | 205.098  | 205.775  | 206.452  |
| 100.0 | 258.044  | 260.575  | 263.107  | 265.637  | 268.169  | 270.700  | 273.232  | 275.762  | 276.455  | 277.149  |
| 102.5 | 329.263  | 332.109  | 334.955  | 337.799  | 340.645  | 343.491  | 346.336  | 349.182  | 349.892  | 350.600  |
| 105.0 | 402.643  | 405.795  | 408.947  | 412.099  | 415.251  | 418.403  | 421.556  | 424.707  | 425.554  | 426.399  |
| 107.5 | 477.772  | 481.199  | 484.625  | 488.050  | 491.477  | 494.903  | 498.328  | 501.754  | 502.682  | 503.608  |
| 110.0 | 551.828  | 555.465  | 559.100  | 562.736  | 566.371  | 570.008  | 573.643  | 577.278  | 578.269  | 579.261  |
| 112.5 | 626.531  | 630.771  | 635.011  | 639.252  | 643.492  | 647.732  | 651.972  | 656.212  | 657.203  | 658.196  |
| 115.0 | 702.274  | 706.731  | 711.189  | 715.647  | 720.104  | 724.562  | 729.020  | 733.477  | 734.606  | 735.734  |
| 117.5 | 777.250  | 782.087  | 786.923  | 791.759  | 796.596  | 801.434  | 806.270  | 811.107  | 812.236  | 813.364  |
| 120.0 | 851.492  | 856.812  | 862.133  | 867.453  | 872.773  | 878.094  | 883.414  | 888.735  | 889.944  | 891.153  |
| 122.5 | 925.413  | 931.054  | 936.697  | 942.340  | 947.983  | 953.626  | 959.268  | 964.911  | 966.201  | 967.490  |
| 125.0 | 997.317  | 1003.363 | 1009.410 | 1015.454 | 1021.501 | 1027.547 | 1033.592 | 1039.638 | 1040.928 | 1042.218 |
| 127.5 | 1067.852 | 1073.978 | 1080.104 | 1086.231 | 1092.356 | 1098.483 | 1104.610 | 1110.736 | 1112.349 | 1113.960 |
| 130.0 | 1135.645 | 1141.934 | 1148.220 | 1154.509 | 1160.795 | 1167.084 | 1173.370 | 1179.659 | 1181.351 | 1183.045 |
| 132.5 | 1201.101 | 1207.470 | 1213.838 | 1220.207 | 1226.574 | 1232.943 | 1239.311 | 1245.679 | 1247.452 | 1249.227 |
| 135.0 | 1263.978 | 1270.588 | 1277.198 | 1283.808 | 1290.419 | 1297.028 | 1303.639 | 1310.248 | 1312.183 | 1314.117 |
| 137.5 | 1324.840 | 1331.772 | 1338.704 | 1345.637 | 1352.569 | 1359.501 | 1366.435 | 1373.367 | 1375.382 | 1377.397 |
| 140.0 | 1383.927 | 1391.020 | 1398.114 | 1405.209 | 1412.302 | 1419.395 | 1426.490 | 1433.583 | 1435.437 | 1437.291 |
| 142.5 | 1437.935 | 1445.191 | 1452.445 | 1459.700 | 1466.955 | 1474.211 | 1481.465 | 1488.720 | 1490.735 | 1492.750 |
| 145.0 | 1488.881 | 1496.218 | 1503.553 | 1510.889 | 1518.224 | 1525.561 | 1532.896 | 1540.231 | 1542.408 | 1544.584 |
| 147.5 | 1537.731 | 1544.826 | 1551.919 | 1559.013 | 1566.106 | 1573.201 | 1580.294 | 1587.388 | 1589.564 | 1591.740 |
| 150.0 | 1581.504 | 1588.355 | 1595.207 | 1602.060 | 1608.911 | 1615.762 | 1622.615 | 1629.467 | 1631.562 | 1633.658 |
| 152.5 | 1617.456 | 1624.146 | 1630.838 | 1637.528 | 1644.219 | 1650.909 | 1657.601 | 1664.291 | 1666.387 | 1668.482 |
| 155.0 | 1648.007 | 1654.376 | 1660.744 | 1667.112 | 1673.480 | 1679.849 | 1686.216 | 1692.585 | 1694.519 | 1696.454 |
| 157.5 | 1672.594 | 1678.558 | 1684.524 | 1690.490 | 1696.455 | 1702.419 | 1708.385 | 1714.351 | 1716.204 | 1718.058 |
| 160.0 | 1691.780 | 1697.181 | 1702.582 | 1707.982 | 1713.383 | 1718.784 | 1724.185 | 1729.586 | 1731.439 | 1733.293 |
| 162.5 | 1705.886 | 1710.723 | 1715.559 | 1720.397 | 1725.233 | 1730.070 | 1734.906 | 1739.743 | 1741.354 | 1742.967 |
| 165.0 | 1715.236 | 1719.671 | 1724.104 | 1728.537 | 1732.971 | 1737.405 | 1741.838 | 1746.271 | 1747.562 | 1748.851 |
| 167.5 | 1717.735 | 1721.605 | 1725.474 | 1729.344 | 1733.212 | 1737.082 | 1740.951 | 1744.821 | 1746.112 | 1747.401 |

# IES INDOOR REPORT

PHOTOMETRIC FILENAME : MX4U-4-00-L12-835-FASY-DIM-UNV\_.IES

## CANDELA TABULATION - (Cont.)

|       |          |          |          |          |          |          |          |          |          |          |
|-------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 170.0 | 1715.399 | 1718.461 | 1721.525 | 1724.588 | 1727.652 | 1730.714 | 1733.777 | 1736.841 | 1738.050 | 1739.259 |
| 172.5 | 1707.578 | 1709.997 | 1712.415 | 1714.835 | 1717.253 | 1719.671 | 1722.089 | 1724.507 | 1725.314 | 1726.119 |
| 175.0 | 1695.245 | 1696.938 | 1698.630 | 1700.324 | 1702.016 | 1703.708 | 1705.402 | 1707.095 | 1707.498 | 1707.901 |
| 177.5 | 1677.671 | 1678.558 | 1679.446 | 1680.331 | 1681.219 | 1682.106 | 1682.992 | 1683.879 | 1684.201 | 1684.524 |
| 180.0 | 1659.197 | 1659.197 | 1659.197 | 1659.197 | 1659.197 | 1659.197 | 1659.197 | 1659.197 | 1659.197 | 1659.197 |

Vert.  
Angles

Horizontal Angles

|       | 75.0    | 77.5    | 80.0    | 82.5    | 85.0    | 87.5    | 90.0    | 92.5    | 95.0    | 97.5    |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0.0   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 2.5   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 5.0   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 7.5   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 10.0  | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 12.5  | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 15.0  | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 17.5  | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 20.0  | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 22.5  | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 25.0  | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 27.5  | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 30.0  | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 32.5  | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 35.0  | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 37.5  | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 40.0  | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 42.5  | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 45.0  | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 47.5  | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 50.0  | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 52.5  | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 55.0  | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 57.5  | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 60.0  | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 62.5  | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 65.0  | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 67.5  | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 70.0  | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 72.5  | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 75.0  | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 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  | 25.417  | 25.739  | 26.060  | 26.383  | 26.706  | 27.028  | 27.351  | 27.028  | 26.706  | 26.383  |
| 92.5  | 79.418  | 79.846  | 80.272  | 80.700  | 81.128  | 81.554  | 81.982  | 81.554  | 81.128  | 80.700  |
| 95.0  | 140.263 | 140.803 | 141.343 | 141.883 | 142.423 | 142.963 | 143.503 | 142.963 | 142.423 | 141.883 |
| 97.5  | 207.129 | 207.806 | 208.484 | 209.161 | 209.838 | 210.515 | 211.192 | 210.515 | 209.838 | 209.161 |
| 100.0 | 277.842 | 278.535 | 279.229 | 279.922 | 280.615 | 281.309 | 282.002 | 281.309 | 280.615 | 279.922 |
| 102.5 | 351.310 | 352.019 | 352.729 | 353.438 | 354.148 | 354.856 | 355.566 | 354.856 | 354.148 | 353.438 |
| 105.0 | 427.246 | 428.093 | 428.938 | 429.785 | 430.632 | 431.478 | 432.324 | 431.478 | 430.632 | 429.785 |
| 107.5 | 504.536 | 505.463 | 506.389 | 507.317 | 508.244 | 509.170 | 510.098 | 509.170 | 508.244 | 507.317 |
| 110.0 | 580.252 | 581.245 | 582.235 | 583.228 | 584.219 | 585.211 | 586.202 | 585.211 | 584.219 | 583.228 |
| 112.5 | 659.186 | 660.179 | 661.170 | 662.162 | 663.153 | 664.145 | 665.136 | 664.145 | 663.153 | 662.162 |
| 115.0 | 736.863 | 737.991 | 739.120 | 740.249 | 741.377 | 742.506 | 743.634 | 742.506 | 741.377 | 740.249 |

**IES INDOOR REPORT**

**PHOTOMETRIC FILENAME : MX4U-4-00-L12-835-FASY-DIM-UNV\_.IES**

**CANDELA TABULATION - (Cont.)**

|       |          |          |          |          |          |          |          |          |          |          |
|-------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 117.5 | 814.493  | 815.621  | 816.750  | 817.877  | 819.007  | 820.136  | 821.264  | 820.136  | 819.007  | 817.877  |
| 120.0 | 892.363  | 893.571  | 894.781  | 895.989  | 897.199  | 898.409  | 899.617  | 898.409  | 897.199  | 895.989  |
| 122.5 | 968.781  | 970.070  | 971.360  | 972.649  | 973.940  | 975.230  | 976.519  | 975.230  | 973.940  | 972.649  |
| 125.0 | 1043.507 | 1044.797 | 1046.086 | 1047.377 | 1048.666 | 1049.956 | 1051.245 | 1049.956 | 1048.666 | 1047.377 |
| 127.5 | 1115.572 | 1117.185 | 1118.797 | 1120.410 | 1122.022 | 1123.635 | 1125.246 | 1123.635 | 1122.022 | 1120.410 |
| 130.0 | 1184.737 | 1186.429 | 1188.123 | 1189.815 | 1191.508 | 1193.202 | 1194.894 | 1193.202 | 1191.508 | 1189.815 |
| 132.5 | 1251.000 | 1252.773 | 1254.547 | 1256.320 | 1258.093 | 1259.868 | 1261.641 | 1259.868 | 1258.093 | 1256.320 |
| 135.0 | 1316.053 | 1317.987 | 1319.921 | 1321.856 | 1323.791 | 1325.726 | 1327.660 | 1325.726 | 1323.791 | 1321.856 |
| 137.5 | 1379.413 | 1381.428 | 1383.443 | 1385.458 | 1387.474 | 1389.489 | 1391.504 | 1389.489 | 1387.474 | 1385.458 |
| 140.0 | 1439.146 | 1440.999 | 1442.853 | 1444.707 | 1446.562 | 1448.415 | 1450.269 | 1448.415 | 1446.562 | 1444.707 |
| 142.5 | 1494.766 | 1496.781 | 1498.796 | 1500.811 | 1502.828 | 1504.842 | 1506.857 | 1504.842 | 1502.828 | 1500.811 |
| 145.0 | 1546.760 | 1548.936 | 1551.114 | 1553.290 | 1555.467 | 1557.643 | 1559.819 | 1557.643 | 1555.467 | 1553.290 |
| 147.5 | 1593.918 | 1596.094 | 1598.270 | 1600.446 | 1602.624 | 1604.800 | 1606.977 | 1604.800 | 1602.624 | 1600.446 |
| 150.0 | 1635.755 | 1637.850 | 1639.946 | 1642.042 | 1644.139 | 1646.234 | 1648.330 | 1646.234 | 1644.139 | 1642.042 |
| 152.5 | 1670.579 | 1672.675 | 1674.770 | 1676.866 | 1678.963 | 1681.059 | 1683.154 | 1681.059 | 1678.963 | 1676.866 |
| 155.0 | 1698.390 | 1700.324 | 1702.258 | 1704.192 | 1706.128 | 1708.062 | 1709.997 | 1708.062 | 1706.128 | 1704.192 |
| 157.5 | 1719.913 | 1721.767 | 1723.620 | 1725.474 | 1727.329 | 1729.183 | 1731.036 | 1729.183 | 1727.329 | 1725.474 |
| 160.0 | 1735.148 | 1737.002 | 1738.855 | 1740.709 | 1742.564 | 1744.418 | 1746.271 | 1744.418 | 1742.564 | 1740.709 |
| 162.5 | 1744.579 | 1746.191 | 1747.804 | 1749.416 | 1751.027 | 1752.640 | 1754.252 | 1752.640 | 1751.027 | 1749.416 |
| 165.0 | 1750.141 | 1751.431 | 1752.721 | 1754.010 | 1755.301 | 1756.590 | 1757.880 | 1756.590 | 1755.301 | 1754.010 |
| 167.5 | 1748.691 | 1749.980 | 1751.271 | 1752.560 | 1753.850 | 1755.139 | 1756.430 | 1755.139 | 1753.850 | 1752.560 |
| 170.0 | 1740.469 | 1741.677 | 1742.887 | 1744.095 | 1745.305 | 1746.513 | 1747.723 | 1746.513 | 1745.305 | 1744.095 |
| 172.5 | 1726.926 | 1727.732 | 1728.537 | 1729.344 | 1730.150 | 1730.956 | 1731.762 | 1730.956 | 1730.150 | 1729.344 |
| 175.0 | 1708.304 | 1708.708 | 1709.109 | 1709.513 | 1709.916 | 1710.319 | 1710.723 | 1710.319 | 1709.916 | 1709.513 |
| 177.5 | 1684.847 | 1685.169 | 1685.490 | 1685.813 | 1686.136 | 1686.458 | 1686.781 | 1686.458 | 1685.813 | 1685.169 |
| 180.0 | 1659.197 | 1659.197 | 1659.197 | 1659.197 | 1659.197 | 1659.197 | 1659.197 | 1659.197 | 1659.197 | 1659.197 |

**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  | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 2.5  | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 5.0  | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 7.5  | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 10.0 | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 12.5 | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 15.0 | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 17.5 | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 20.0 | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 22.5 | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 25.0 | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 27.5 | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 30.0 | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 32.5 | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 35.0 | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 37.5 | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 40.0 | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 42.5 | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 45.0 | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 47.5 | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 50.0 | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 52.5 | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 55.0 | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 57.5 | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 60.0 | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 62.5 | 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 : MX4U-4-00-L12-835-FASY-DIM-UNV\_.IES

## CANDELA TABULATION - (Cont.)

|       |          |          |          |          |          |          |          |          |          |          |
|-------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 65.0  | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 67.5  | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 70.0  | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 72.5  | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 75.0  | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 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  | 26.060   | 25.739   | 25.417   | 25.094   | 24.771   | 24.449   | 23.756   | 23.062   | 22.369   | 21.676   |
| 92.5  | 80.272   | 79.846   | 79.418   | 78.990   | 78.564   | 78.136   | 76.935   | 75.734   | 74.533   | 73.332   |
| 95.0  | 141.343  | 140.803  | 140.263  | 139.723  | 139.182  | 138.642  | 136.957  | 135.272  | 133.588  | 131.903  |
| 97.5  | 208.484  | 207.806  | 207.129  | 206.452  | 205.775  | 205.098  | 202.946  | 200.793  | 198.641  | 196.490  |
| 100.0 | 279.229  | 278.535  | 277.842  | 277.149  | 276.455  | 275.762  | 273.232  | 270.700  | 268.169  | 265.637  |
| 102.5 | 352.729  | 352.019  | 351.310  | 350.600  | 349.892  | 349.182  | 346.336  | 343.491  | 340.645  | 337.799  |
| 105.0 | 428.938  | 428.093  | 427.246  | 426.399  | 425.554  | 424.707  | 421.556  | 418.403  | 415.251  | 412.099  |
| 107.5 | 506.389  | 505.463  | 504.536  | 503.608  | 502.682  | 501.754  | 498.328  | 494.903  | 491.477  | 488.050  |
| 110.0 | 582.235  | 581.245  | 580.252  | 579.261  | 578.269  | 577.278  | 573.643  | 570.008  | 566.371  | 562.736  |
| 112.5 | 661.170  | 660.179  | 659.186  | 658.196  | 657.203  | 656.212  | 651.972  | 647.732  | 643.492  | 639.252  |
| 115.0 | 739.120  | 737.991  | 736.863  | 735.734  | 734.606  | 733.477  | 729.020  | 724.562  | 720.104  | 715.647  |
| 117.5 | 816.750  | 815.621  | 814.493  | 813.364  | 812.236  | 811.107  | 806.270  | 801.434  | 796.596  | 791.759  |
| 120.0 | 894.781  | 893.571  | 892.363  | 891.153  | 889.944  | 888.735  | 883.414  | 878.094  | 872.773  | 867.453  |
| 122.5 | 971.360  | 970.070  | 968.781  | 967.490  | 966.201  | 964.911  | 959.268  | 953.626  | 947.983  | 942.340  |
| 125.0 | 1046.086 | 1044.797 | 1043.507 | 1042.218 | 1040.928 | 1039.638 | 1033.592 | 1027.547 | 1021.501 | 1015.454 |
| 127.5 | 1118.797 | 1117.185 | 1115.572 | 1113.960 | 1112.347 | 1110.736 | 1104.609 | 1098.483 | 1092.356 | 1086.231 |
| 130.0 | 1188.123 | 1186.429 | 1184.737 | 1183.045 | 1181.351 | 1179.659 | 1173.370 | 1167.084 | 1160.795 | 1154.509 |
| 132.5 | 1254.547 | 1252.773 | 1251.000 | 1249.227 | 1247.452 | 1245.679 | 1239.311 | 1232.943 | 1226.574 | 1220.207 |
| 135.0 | 1319.921 | 1317.987 | 1316.053 | 1314.117 | 1312.183 | 1310.248 | 1303.639 | 1297.028 | 1290.419 | 1283.808 |
| 137.5 | 1383.443 | 1381.428 | 1379.413 | 1377.397 | 1375.382 | 1373.367 | 1366.435 | 1359.501 | 1352.569 | 1345.637 |
| 140.0 | 1442.853 | 1440.999 | 1439.146 | 1437.291 | 1435.437 | 1433.583 | 1426.490 | 1419.395 | 1412.302 | 1405.209 |
| 142.5 | 1498.796 | 1496.781 | 1494.766 | 1492.750 | 1490.735 | 1488.720 | 1481.465 | 1474.211 | 1466.955 | 1459.700 |
| 145.0 | 1551.114 | 1548.936 | 1546.760 | 1544.584 | 1542.408 | 1540.231 | 1532.896 | 1525.561 | 1518.224 | 1510.889 |
| 147.5 | 1598.270 | 1596.094 | 1593.918 | 1591.740 | 1589.564 | 1587.388 | 1580.294 | 1573.201 | 1566.106 | 1559.013 |
| 150.0 | 1639.946 | 1637.850 | 1635.755 | 1633.658 | 1631.562 | 1629.467 | 1622.615 | 1615.762 | 1608.911 | 1602.060 |
| 152.5 | 1674.770 | 1672.675 | 1670.579 | 1668.482 | 1666.387 | 1664.291 | 1657.601 | 1650.909 | 1644.219 | 1637.528 |
| 155.0 | 1702.258 | 1700.324 | 1698.390 | 1696.454 | 1694.519 | 1692.585 | 1686.216 | 1679.849 | 1673.480 | 1667.112 |
| 157.5 | 1723.620 | 1721.767 | 1719.913 | 1718.058 | 1716.204 | 1714.351 | 1708.385 | 1702.419 | 1696.455 | 1690.490 |
| 160.0 | 1738.855 | 1737.002 | 1735.148 | 1733.293 | 1731.439 | 1729.586 | 1724.185 | 1718.784 | 1713.383 | 1707.982 |
| 162.5 | 1747.804 | 1746.191 | 1744.579 | 1742.967 | 1741.354 | 1739.743 | 1734.906 | 1730.070 | 1725.233 | 1720.397 |
| 165.0 | 1752.721 | 1751.431 | 1750.141 | 1748.851 | 1747.562 | 1746.271 | 1741.838 | 1737.405 | 1732.971 | 1728.537 |
| 167.5 | 1751.271 | 1749.980 | 1748.691 | 1747.401 | 1746.112 | 1744.821 | 1740.951 | 1737.082 | 1733.212 | 1729.344 |
| 170.0 | 1742.887 | 1741.677 | 1740.469 | 1739.259 | 1738.050 | 1736.841 | 1733.777 | 1730.714 | 1727.652 | 1724.588 |
| 172.5 | 1728.537 | 1727.732 | 1726.926 | 1726.119 | 1725.314 | 1724.507 | 1722.089 | 1719.671 | 1717.253 | 1714.835 |
| 175.0 | 1709.109 | 1708.708 | 1708.304 | 1707.901 | 1707.498 | 1707.095 | 1705.402 | 1703.708 | 1702.016 | 1700.324 |
| 177.5 | 1685.490 | 1685.169 | 1684.847 | 1684.524 | 1684.201 | 1683.879 | 1682.992 | 1682.106 | 1681.219 | 1680.331 |
| 180.0 | 1659.197 | 1659.197 | 1659.197 | 1659.197 | 1659.197 | 1659.197 | 1659.197 | 1659.197 | 1659.197 | 1659.197 |

## Vert. Horizontal Angles

| Angles | 125.0 | 127.5 | 130.0 | 132.5 | 135.0 | 137.5 | 140.0 | 142.5 | 145.0 | 147.5 |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0.0    | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 2.5    | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 5.0    | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 7.5    | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 10.0   | 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 : MX4U-4-00-L12-835-FASY-DIM-UNV\_.IES**

**CANDELA TABULATION - (Cont.)**

|       |          |          |          |          |          |          |          |          |          |          |
|-------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 12.5  | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 15.0  | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 17.5  | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 20.0  | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 22.5  | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 25.0  | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 27.5  | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 30.0  | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 32.5  | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 35.0  | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 37.5  | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 40.0  | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 42.5  | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 45.0  | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 47.5  | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 50.0  | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 52.5  | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 55.0  | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 57.5  | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 60.0  | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 62.5  | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 65.0  | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 67.5  | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 70.0  | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 72.5  | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 75.0  | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 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  | 20.982   | 20.289   | 19.596   | 18.902   | 18.209   | 17.242   | 16.275   | 15.307   | 14.341   | 13.373   |
| 92.5  | 72.130   | 70.929   | 69.728   | 68.527   | 67.326   | 65.600   | 63.876   | 62.151   | 60.425   | 58.701   |
| 95.0  | 130.218  | 128.533  | 126.849  | 125.164  | 123.479  | 120.972  | 118.465  | 115.958  | 113.452  | 110.944  |
| 97.5  | 194.336  | 192.185  | 190.033  | 187.880  | 185.728  | 182.568  | 179.408  | 176.248  | 173.088  | 169.928  |
| 100.0 | 263.107  | 260.575  | 258.044  | 255.512  | 252.981  | 249.225  | 245.469  | 241.711  | 237.955  | 234.199  |
| 102.5 | 334.955  | 332.109  | 329.263  | 326.418  | 323.572  | 319.267  | 314.962  | 310.659  | 306.354  | 302.049  |
| 105.0 | 408.947  | 405.795  | 402.643  | 399.491  | 396.339  | 391.624  | 386.908  | 382.191  | 377.476  | 372.760  |
| 107.5 | 484.625  | 481.199  | 477.772  | 474.347  | 470.921  | 465.802  | 460.683  | 455.565  | 450.446  | 445.326  |
| 110.0 | 559.100  | 555.465  | 551.828  | 548.193  | 544.558  | 539.189  | 533.821  | 528.451  | 523.083  | 517.714  |
| 112.5 | 635.011  | 630.771  | 626.531  | 622.291  | 618.051  | 612.141  | 606.233  | 600.324  | 594.416  | 588.506  |
| 115.0 | 711.189  | 706.731  | 702.274  | 697.816  | 693.358  | 686.974  | 680.590  | 674.206  | 667.821  | 661.436  |
| 117.5 | 786.923  | 782.087  | 777.250  | 772.412  | 767.576  | 760.821  | 754.066  | 747.310  | 740.555  | 733.800  |
| 120.0 | 862.133  | 856.812  | 851.492  | 846.172  | 840.851  | 833.758  | 826.665  | 819.570  | 812.476  | 805.383  |
| 122.5 | 936.697  | 931.054  | 925.413  | 919.770  | 914.127  | 906.549  | 898.972  | 891.395  | 883.818  | 876.240  |
| 125.0 | 1009.410 | 1003.363 | 997.317  | 991.272  | 985.226  | 977.245  | 969.265  | 961.284  | 953.304  | 945.323  |
| 127.5 | 1080.104 | 1073.978 | 1067.852 | 1061.726 | 1055.599 | 1047.054 | 1038.509 | 1029.965 | 1021.420 | 1012.875 |
| 130.0 | 1148.220 | 1141.934 | 1135.645 | 1129.358 | 1123.070 | 1114.202 | 1105.336 | 1096.468 | 1087.601 | 1078.734 |
| 132.5 | 1213.838 | 1207.470 | 1201.101 | 1194.734 | 1188.365 | 1179.336 | 1170.308 | 1161.279 | 1152.252 | 1143.223 |
| 135.0 | 1277.198 | 1270.588 | 1263.978 | 1257.367 | 1250.758 | 1241.648 | 1232.540 | 1223.430 | 1214.322 | 1205.212 |
| 137.5 | 1338.704 | 1331.772 | 1324.840 | 1317.906 | 1310.974 | 1301.624 | 1292.272 | 1282.922 | 1273.570 | 1264.220 |
| 140.0 | 1398.114 | 1391.020 | 1383.927 | 1376.832 | 1369.739 | 1360.066 | 1350.392 | 1340.719 | 1331.046 | 1321.372 |
| 142.5 | 1452.445 | 1445.191 | 1437.935 | 1430.680 | 1423.425 | 1413.752 | 1404.079 | 1394.405 | 1384.732 | 1375.059 |
| 145.0 | 1503.553 | 1496.218 | 1488.881 | 1481.546 | 1474.211 | 1464.860 | 1455.509 | 1446.158 | 1436.807 | 1427.457 |
| 147.5 | 1551.919 | 1544.826 | 1537.731 | 1530.638 | 1523.544 | 1514.275 | 1505.004 | 1495.734 | 1486.463 | 1477.194 |
| 150.0 | 1595.207 | 1588.355 | 1581.504 | 1574.651 | 1567.800 | 1558.690 | 1549.582 | 1540.472 | 1531.364 | 1522.254 |

# IES INDOOR REPORT

PHOTOMETRIC FILENAME : MX4U-4-00-L12-835-FASY-DIM-UNV\_.IES

## CANDELA TABULATION - (Cont.)

|       |          |          |          |          |          |          |          |          |          |          |
|-------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 152.5 | 1630.838 | 1624.146 | 1617.456 | 1610.765 | 1604.075 | 1595.610 | 1587.146 | 1578.682 | 1570.218 | 1561.754 |
| 155.0 | 1660.744 | 1654.376 | 1648.007 | 1641.640 | 1635.271 | 1627.452 | 1619.632 | 1611.813 | 1603.994 | 1596.175 |
| 157.5 | 1684.524 | 1678.558 | 1672.594 | 1666.629 | 1660.663 | 1653.570 | 1646.476 | 1639.381 | 1632.288 | 1625.195 |
| 160.0 | 1702.582 | 1697.181 | 1691.780 | 1686.379 | 1680.978 | 1674.609 | 1668.242 | 1661.873 | 1655.505 | 1649.136 |
| 162.5 | 1715.559 | 1710.723 | 1705.886 | 1701.050 | 1696.213 | 1690.651 | 1685.089 | 1679.526 | 1673.964 | 1668.403 |
| 165.0 | 1724.104 | 1719.671 | 1715.236 | 1710.803 | 1706.370 | 1701.534 | 1696.697 | 1691.859 | 1687.023 | 1682.186 |
| 167.5 | 1725.474 | 1721.605 | 1717.735 | 1713.867 | 1709.997 | 1706.128 | 1702.258 | 1698.390 | 1694.519 | 1690.651 |
| 170.0 | 1721.525 | 1718.461 | 1715.399 | 1712.336 | 1709.272 | 1706.289 | 1703.307 | 1700.324 | 1697.341 | 1694.360 |
| 172.5 | 1712.415 | 1709.997 | 1707.578 | 1705.160 | 1702.742 | 1700.888 | 1699.035 | 1697.180 | 1695.326 | 1693.472 |
| 175.0 | 1698.630 | 1696.938 | 1695.245 | 1693.552 | 1691.859 | 1691.053 | 1690.248 | 1689.441 | 1688.635 | 1687.829 |
| 177.5 | 1679.446 | 1678.558 | 1677.671 | 1676.785 | 1675.898 | 1676.140 | 1676.382 | 1676.624 | 1676.866 | 1677.108 |
| 180.0 | 1659.197 | 1659.197 | 1659.197 | 1659.197 | 1659.197 | 1659.197 | 1659.197 | 1659.197 | 1659.197 | 1659.197 |

| Vert.<br>Angles | Horizontal Angles |         |         |         |         |         |         |         |         |         |
|-----------------|-------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
|                 | 150.0             | 152.5   | 155.0   | 157.5   | 160.0   | 162.5   | 165.0   | 167.5   | 170.0   | 172.5   |
| 0.0             | 0.000             | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 2.5             | 0.000             | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 5.0             | 0.000             | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 7.5             | 0.000             | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 10.0            | 0.000             | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 12.5            | 0.000             | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 15.0            | 0.000             | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 17.5            | 0.000             | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 20.0            | 0.000             | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 22.5            | 0.000             | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 25.0            | 0.000             | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 27.5            | 0.000             | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 30.0            | 0.000             | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 32.5            | 0.000             | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 35.0            | 0.000             | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 37.5            | 0.000             | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 40.0            | 0.000             | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 42.5            | 0.000             | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 45.0            | 0.000             | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 47.5            | 0.000             | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 50.0            | 0.000             | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 52.5            | 0.000             | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 55.0            | 0.000             | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 57.5            | 0.000             | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 60.0            | 0.000             | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 62.5            | 0.000             | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 65.0            | 0.000             | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 67.5            | 0.000             | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 70.0            | 0.000             | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 72.5            | 0.000             | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 75.0            | 0.000             | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 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            | 12.407            | 11.439  | 10.472  | 9.504   | 8.819   | 8.133   | 7.449   | 6.764   | 6.078   | 5.392   |
| 92.5            | 56.976            | 55.250  | 53.526  | 51.801  | 49.681  | 47.561  | 45.441  | 43.321  | 41.201  | 39.080  |
| 95.0            | 108.438           | 105.931 | 103.425 | 100.917 | 97.685  | 94.452  | 91.220  | 87.986  | 84.754  | 81.521  |
| 97.5            | 166.768           | 163.608 | 160.448 | 157.288 | 152.943 | 148.597 | 144.254 | 139.908 | 135.563 | 131.218 |

# IES INDOOR REPORT

PHOTOMETRIC FILENAME : MX4U-4-00-L12-835-FASY-DIM-UNV\_.IES

## CANDELA TABULATION - (Cont.)

|       |          |          |          |          |          |          |          |          |          |          |
|-------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 100.0 | 230.443  | 226.685  | 222.929  | 219.172  | 213.868  | 208.563  | 203.260  | 197.956  | 192.651  | 187.347  |
| 102.5 | 297.744  | 293.440  | 289.135  | 284.830  | 278.808  | 272.787  | 266.765  | 260.743  | 254.723  | 248.701  |
| 105.0 | 368.045  | 363.328  | 358.613  | 353.897  | 347.118  | 340.338  | 333.559  | 326.780  | 320.000  | 313.221  |
| 107.5 | 440.207  | 435.088  | 429.970  | 424.851  | 417.305  | 409.761  | 402.216  | 394.670  | 387.126  | 379.580  |
| 110.0 | 512.346  | 506.977  | 501.609  | 496.240  | 488.010  | 479.779  | 471.549  | 463.318  | 455.088  | 446.857  |
| 112.5 | 582.598  | 576.689  | 570.781  | 564.872  | 556.391  | 547.911  | 539.430  | 530.950  | 522.471  | 513.991  |
| 115.0 | 655.053  | 648.668  | 642.283  | 635.899  | 626.710  | 617.519  | 608.330  | 599.140  | 589.951  | 580.761  |
| 117.5 | 727.045  | 720.290  | 713.534  | 706.779  | 696.768  | 686.755  | 676.743  | 666.732  | 656.719  | 646.708  |
| 120.0 | 798.290  | 791.196  | 784.102  | 777.008  | 766.287  | 755.565  | 744.844  | 734.124  | 723.403  | 712.681  |
| 122.5 | 868.662  | 861.084  | 853.507  | 845.930  | 834.563  | 823.198  | 811.831  | 800.464  | 789.099  | 777.733  |
| 125.0 | 937.342  | 929.362  | 921.381  | 913.401  | 901.552  | 889.701  | 877.852  | 866.001  | 854.152  | 842.302  |
| 127.5 | 1004.330 | 995.786  | 987.241  | 978.696  | 966.605  | 954.512  | 942.421  | 930.330  | 918.237  | 906.146  |
| 130.0 | 1069.866 | 1060.999 | 1052.132 | 1043.265 | 1030.690 | 1018.115 | 1005.539 | 992.964  | 980.388  | 967.813  |
| 132.5 | 1134.195 | 1125.166 | 1116.138 | 1107.109 | 1093.889 | 1080.669 | 1067.448 | 1054.228 | 1041.009 | 1027.789 |
| 135.0 | 1196.104 | 1186.994 | 1177.886 | 1168.776 | 1155.152 | 1141.529 | 1127.907 | 1114.283 | 1100.660 | 1087.036 |
| 137.5 | 1254.868 | 1245.518 | 1236.166 | 1226.816 | 1213.193 | 1199.569 | 1185.947 | 1172.323 | 1158.700 | 1145.076 |
| 140.0 | 1311.699 | 1302.026 | 1292.352 | 1282.679 | 1269.216 | 1255.754 | 1242.293 | 1228.831 | 1215.369 | 1201.907 |
| 142.5 | 1365.386 | 1355.712 | 1346.039 | 1336.366 | 1323.065 | 1309.764 | 1296.463 | 1283.163 | 1269.863 | 1256.562 |
| 145.0 | 1418.105 | 1408.755 | 1399.403 | 1390.053 | 1376.590 | 1363.128 | 1349.667 | 1336.205 | 1322.743 | 1309.281 |
| 147.5 | 1467.922 | 1458.653 | 1449.382 | 1440.112 | 1426.650 | 1413.188 | 1399.727 | 1386.265 | 1372.802 | 1359.340 |
| 150.0 | 1513.146 | 1504.036 | 1494.928 | 1485.818 | 1472.678 | 1459.539 | 1446.399 | 1433.259 | 1420.121 | 1406.982 |
| 152.5 | 1553.289 | 1544.826 | 1536.361 | 1527.897 | 1515.241 | 1502.586 | 1489.930 | 1477.274 | 1464.617 | 1451.961 |
| 155.0 | 1588.355 | 1580.536 | 1572.717 | 1564.898 | 1552.807 | 1540.714 | 1528.623 | 1516.532 | 1504.439 | 1492.348 |
| 157.5 | 1618.101 | 1611.007 | 1603.913 | 1596.820 | 1585.453 | 1574.088 | 1562.721 | 1551.355 | 1539.990 | 1528.623 |
| 160.0 | 1642.769 | 1636.400 | 1630.033 | 1623.664 | 1613.104 | 1602.544 | 1591.983 | 1581.423 | 1570.863 | 1560.303 |
| 162.5 | 1662.841 | 1657.278 | 1651.716 | 1646.154 | 1636.481 | 1626.806 | 1617.134 | 1607.461 | 1597.786 | 1588.113 |
| 165.0 | 1677.350 | 1672.512 | 1667.676 | 1662.839 | 1654.294 | 1645.750 | 1637.205 | 1628.660 | 1620.116 | 1611.571 |
| 167.5 | 1686.781 | 1682.912 | 1679.042 | 1675.174 | 1667.838 | 1660.503 | 1653.166 | 1645.831 | 1638.496 | 1631.160 |
| 170.0 | 1691.377 | 1688.394 | 1685.411 | 1682.428 | 1676.463 | 1670.499 | 1664.533 | 1658.567 | 1652.603 | 1646.638 |
| 172.5 | 1691.619 | 1689.764 | 1687.910 | 1686.056 | 1681.381 | 1676.706 | 1672.030 | 1667.354 | 1662.679 | 1658.004 |
| 175.0 | 1687.023 | 1686.216 | 1685.411 | 1684.605 | 1681.299 | 1677.995 | 1674.690 | 1671.384 | 1668.080 | 1664.775 |
| 177.5 | 1677.350 | 1677.592 | 1677.834 | 1678.076 | 1676.222 | 1674.367 | 1672.514 | 1670.660 | 1668.805 | 1666.951 |
| 180.0 | 1659.197 | 1659.197 | 1659.197 | 1659.197 | 1659.197 | 1659.197 | 1659.197 | 1659.197 | 1659.197 | 1659.197 |

## Vert. Angles 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  | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 2.5  | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 5.0  | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 7.5  | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 10.0 | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 12.5 | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 15.0 | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 17.5 | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 20.0 | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 22.5 | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 25.0 | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 27.5 | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 30.0 | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 32.5 | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 35.0 | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 37.5 | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 40.0 | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 42.5 | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 45.0 | 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 : MX4U-4-00-L12-835-FASY-DIM-UNV\_.IES**

**CANDELA TABULATION - (Cont.)**

|       |          |          |          |          |          |          |          |          |          |          |
|-------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 47.5  | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 50.0  | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 52.5  | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 55.0  | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 57.5  | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 60.0  | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 62.5  | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 65.0  | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 67.5  | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 70.0  | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 72.5  | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 75.0  | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 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  | 4.708    | 4.023    | 3.337    | 3.023    | 2.709    | 2.394    | 2.080    | 1.766    | 1.452    | 1.136    |
| 92.5  | 36.960   | 34.840   | 32.720   | 31.132   | 29.544   | 27.956   | 26.369   | 24.780   | 23.193   | 21.604   |
| 95.0  | 78.289   | 75.056   | 71.824   | 69.768   | 67.713   | 65.658   | 63.603   | 61.546   | 59.491   | 57.435   |
| 97.5  | 126.874  | 122.529  | 118.183  | 115.547  | 112.912  | 110.276  | 107.640  | 105.003  | 102.368  | 99.732   |
| 100.0 | 182.044  | 176.739  | 171.434  | 168.057  | 164.680  | 161.302  | 157.925  | 154.546  | 151.168  | 147.791  |
| 102.5 | 242.679  | 236.657  | 230.636  | 226.339  | 222.043  | 217.747  | 213.450  | 209.152  | 204.856  | 200.560  |
| 105.0 | 306.442  | 299.662  | 292.883  | 287.675  | 282.468  | 277.260  | 272.054  | 266.846  | 261.639  | 256.431  |
| 107.5 | 372.035  | 364.490  | 356.945  | 350.988  | 345.031  | 339.074  | 333.117  | 327.158  | 321.201  | 315.245  |
| 110.0 | 438.627  | 430.396  | 422.166  | 415.548  | 408.930  | 402.312  | 395.694  | 389.076  | 382.458  | 375.840  |
| 112.5 | 505.511  | 497.030  | 488.550  | 481.199  | 473.846  | 466.495  | 459.144  | 451.791  | 444.440  | 437.089  |
| 115.0 | 571.572  | 562.383  | 553.192  | 545.245  | 537.296  | 529.347  | 521.400  | 513.451  | 505.503  | 497.555  |
| 117.5 | 636.697  | 626.684  | 616.672  | 608.192  | 599.712  | 591.231  | 582.753  | 574.272  | 565.792  | 557.312  |
| 120.0 | 701.960  | 691.238  | 680.517  | 671.409  | 662.299  | 653.189  | 644.081  | 634.971  | 625.863  | 616.753  |
| 122.5 | 766.366  | 755.001  | 743.634  | 734.066  | 724.497  | 714.929  | 705.360  | 695.793  | 686.223  | 676.656  |
| 125.0 | 830.452  | 818.603  | 806.753  | 796.571  | 786.390  | 776.209  | 766.029  | 755.848  | 745.666  | 735.485  |
| 127.5 | 894.055  | 881.962  | 869.871  | 859.069  | 848.267  | 837.465  | 826.663  | 815.862  | 805.060  | 794.258  |
| 130.0 | 955.238  | 942.663  | 930.088  | 918.882  | 907.679  | 896.473  | 885.268  | 874.064  | 862.859  | 851.653  |
| 132.5 | 1014.569 | 1001.348 | 988.128  | 976.600  | 965.074  | 953.546  | 942.018  | 930.491  | 918.963  | 907.435  |
| 135.0 | 1073.414 | 1059.790 | 1046.167 | 1034.479 | 1022.790 | 1011.102 | 999.413  | 987.725  | 976.035  | 964.348  |
| 137.5 | 1131.454 | 1117.831 | 1104.207 | 1092.438 | 1080.669 | 1068.900 | 1057.130 | 1045.362 | 1033.592 | 1021.823 |
| 140.0 | 1188.446 | 1174.984 | 1161.521 | 1149.672 | 1137.822 | 1125.972 | 1114.122 | 1102.273 | 1090.422 | 1078.573 |
| 142.5 | 1243.261 | 1229.960 | 1216.659 | 1204.889 | 1193.121 | 1181.351 | 1169.582 | 1157.813 | 1146.044 | 1134.274 |
| 145.0 | 1295.820 | 1282.357 | 1268.895 | 1257.448 | 1246.002 | 1234.555 | 1223.107 | 1211.662 | 1200.214 | 1188.767 |
| 147.5 | 1345.879 | 1332.417 | 1318.955 | 1307.830 | 1296.705 | 1285.582 | 1274.458 | 1263.333 | 1252.208 | 1241.085 |
| 150.0 | 1393.842 | 1380.702 | 1367.563 | 1356.680 | 1345.797 | 1334.915 | 1324.032 | 1313.151 | 1302.268 | 1291.385 |
| 152.5 | 1439.306 | 1426.650 | 1413.994 | 1403.273 | 1392.551 | 1381.830 | 1371.109 | 1360.389 | 1349.667 | 1338.946 |
| 155.0 | 1480.257 | 1468.164 | 1456.073 | 1445.675 | 1435.276 | 1424.877 | 1414.478 | 1404.079 | 1393.681 | 1383.282 |
| 157.5 | 1517.256 | 1505.891 | 1494.524 | 1484.690 | 1474.856 | 1465.020 | 1455.186 | 1445.352 | 1435.518 | 1425.682 |
| 160.0 | 1549.743 | 1539.183 | 1528.623 | 1519.515 | 1510.405 | 1501.297 | 1492.187 | 1483.078 | 1473.969 | 1464.860 |
| 162.5 | 1578.441 | 1568.766 | 1559.093 | 1550.871 | 1542.648 | 1534.427 | 1526.205 | 1517.982 | 1509.760 | 1501.538 |
| 165.0 | 1603.026 | 1594.482 | 1585.937 | 1578.682 | 1571.428 | 1564.172 | 1556.917 | 1549.662 | 1542.408 | 1535.152 |
| 167.5 | 1623.824 | 1616.488 | 1609.153 | 1602.865 | 1596.578 | 1590.290 | 1584.003 | 1577.715 | 1571.428 | 1565.140 |
| 170.0 | 1640.672 | 1634.708 | 1628.742 | 1623.502 | 1618.263 | 1613.023 | 1607.783 | 1602.544 | 1597.304 | 1592.064 |
| 172.5 | 1653.328 | 1648.652 | 1643.977 | 1639.947 | 1635.916 | 1631.886 | 1627.855 | 1623.825 | 1619.794 | 1615.764 |
| 175.0 | 1661.470 | 1658.166 | 1654.860 | 1652.200 | 1649.540 | 1646.880 | 1644.219 | 1641.559 | 1638.899 | 1636.239 |
| 177.5 | 1665.098 | 1663.242 | 1661.389 | 1660.260 | 1659.132 | 1658.003 | 1656.875 | 1655.746 | 1654.618 | 1653.489 |
| 180.0 | 1659.197 | 1659.197 | 1659.197 | 1659.197 | 1659.197 | 1659.197 | 1659.197 | 1659.197 | 1659.197 | 1659.197 |

# IES INDOOR REPORT

PHOTOMETRIC FILENAME : MX4U-4-00-L12-835-FASY-DIM-UNV\_.IES

## CANDELA TABULATION - (Cont.)

| Vert.<br>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             | 0.000             | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 2.5             | 0.000             | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 5.0             | 0.000             | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 7.5             | 0.000             | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 10.0            | 0.000             | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 12.5            | 0.000             | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 15.0            | 0.000             | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 17.5            | 0.000             | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 20.0            | 0.000             | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 22.5            | 0.000             | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 25.0            | 0.000             | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 27.5            | 0.000             | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 30.0            | 0.000             | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 32.5            | 0.000             | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 35.0            | 0.000             | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 37.5            | 0.000             | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 40.0            | 0.000             | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 42.5            | 0.000             | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 45.0            | 0.000             | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 47.5            | 0.000             | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 50.0            | 0.000             | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 52.5            | 0.000             | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 55.0            | 0.000             | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 57.5            | 0.000             | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 60.0            | 0.000             | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 62.5            | 0.000             | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 65.0            | 0.000             | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 67.5            | 0.000             | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 70.0            | 0.000             | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 72.5            | 0.000             | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 75.0            | 0.000             | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 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            | 0.822             | 0.508        | 0.500        | 0.493        | 0.484        | 0.475        | 0.468        | 0.459        | 0.451        | 0.444        |
| 92.5            | 20.017            | 18.428       | 17.897       | 17.364       | 16.832       | 16.300       | 15.768       | 15.235       | 14.704       | 14.171       |
| 95.0            | 55.380            | 53.325       | 52.736       | 52.148       | 51.559       | 50.970       | 50.382       | 49.793       | 49.204       | 48.616       |
| 97.5            | 97.096            | 94.460       | 93.647       | 92.831       | 92.018       | 91.204       | 90.389       | 89.575       | 88.761       | 87.946       |
| 100.0           | 144.413           | 141.036      | 139.763      | 138.490      | 137.215      | 135.942      | 134.669      | 133.395      | 132.121      | 130.848      |
| 102.5           | 196.263           | 191.967      | 190.121      | 188.274      | 186.429      | 184.583      | 182.736      | 180.890      | 179.045      | 177.198      |
| 105.0           | 251.224           | 246.016      | 243.517      | 241.018      | 238.520      | 236.021      | 233.522      | 231.023      | 228.524      | 226.025      |
| 107.5           | 309.288           | 303.331      | 300.122      | 296.914      | 293.705      | 290.498      | 287.289      | 284.081      | 280.872      | 277.665      |
| 110.0           | 369.222           | 362.604      | 358.597      | 354.591      | 350.585      | 346.578      | 342.572      | 338.565      | 334.559      | 330.553      |
| 112.5           | 429.736           | 422.385      | 417.637      | 412.889      | 408.141      | 403.392      | 398.645      | 393.896      | 389.148      | 384.401      |
| 115.0           | 489.607           | 481.658      | 476.177      | 470.695      | 465.213      | 459.733      | 454.251      | 448.770      | 443.288      | 437.806      |
| 117.5           | 548.831           | 540.351      | 534.362      | 528.372      | 522.382      | 516.393      | 510.403      | 504.415      | 498.424      | 492.436      |
| 120.0           | 607.645           | 598.535      | 592.103      | 585.669      | 579.237      | 572.805      | 566.371      | 559.939      | 553.506      | 547.073      |
| 122.5           | 667.088           | 657.519      | 650.231      | 642.945      | 635.657      | 628.369      | 621.083      | 613.795      | 606.507      | 599.221      |
| 125.0           | 725.304           | 715.122      | 707.433      | 699.742      | 692.052      | 684.361      | 676.671      | 668.980      | 661.291      | 653.601      |
| 127.5           | 783.456           | 772.654      | 764.521      | 756.388      | 748.253      | 740.120      | 731.987      | 723.853      | 715.719      | 707.585      |
| 130.0           | 840.449           | 829.244      | 820.699      | 812.154      | 803.610      | 795.065      | 786.520      | 777.975      | 769.431      | 760.886      |

# IES INDOOR REPORT

PHOTOMETRIC FILENAME : MX4U-4-00-L12-835-FASY-DIM-UNV\_.IES

## CANDELA TABULATION - (Cont.)

|       |          |          |          |          |          |          |          |          |          |          |
|-------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 132.5 | 895.909  | 884.381  | 875.594  | 866.808  | 858.021  | 849.235  | 840.448  | 831.662  | 822.875  | 814.089  |
| 135.0 | 952.658  | 940.971  | 931.780  | 922.591  | 913.401  | 904.212  | 895.021  | 885.832  | 876.642  | 867.453  |
| 137.5 | 1010.053 | 998.285  | 988.773  | 979.260  | 969.749  | 960.237  | 950.724  | 941.212  | 931.701  | 922.188  |
| 140.0 | 1066.722 | 1054.873 | 1045.200 | 1035.526 | 1025.853 | 1016.180 | 1006.506 | 996.833  | 987.160  | 977.486  |
| 142.5 | 1122.506 | 1110.736 | 1101.063 | 1091.390 | 1081.716 | 1072.043 | 1062.370 | 1052.697 | 1043.023 | 1033.350 |
| 145.0 | 1177.321 | 1165.874 | 1156.120 | 1146.367 | 1136.612 | 1126.858 | 1117.105 | 1107.351 | 1097.596 | 1087.843 |
| 147.5 | 1229.960 | 1218.836 | 1209.163 | 1199.488 | 1189.815 | 1180.143 | 1170.468 | 1160.795 | 1151.122 | 1141.448 |
| 150.0 | 1280.502 | 1269.620 | 1260.189 | 1250.756 | 1241.325 | 1231.895 | 1222.462 | 1213.031 | 1203.600 | 1194.168 |
| 152.5 | 1328.224 | 1317.503 | 1308.314 | 1299.124 | 1289.935 | 1280.744 | 1271.555 | 1262.365 | 1253.176 | 1243.986 |
| 155.0 | 1372.883 | 1362.484 | 1353.536 | 1344.589 | 1335.640 | 1326.693 | 1317.745 | 1308.798 | 1299.850 | 1290.903 |
| 157.5 | 1415.848 | 1406.014 | 1397.388 | 1388.764 | 1380.138 | 1371.512 | 1362.888 | 1354.262 | 1345.636 | 1337.012 |
| 160.0 | 1455.751 | 1446.642 | 1438.501 | 1430.359 | 1422.217 | 1414.075 | 1405.934 | 1397.793 | 1389.651 | 1381.509 |
| 162.5 | 1493.316 | 1485.093 | 1477.597 | 1470.100 | 1462.604 | 1455.107 | 1447.609 | 1440.112 | 1432.616 | 1425.119 |
| 165.0 | 1527.897 | 1520.642 | 1513.872 | 1507.099 | 1500.329 | 1493.556 | 1486.786 | 1480.014 | 1473.243 | 1466.471 |
| 167.5 | 1558.853 | 1552.565 | 1546.599 | 1540.633 | 1534.669 | 1528.704 | 1522.738 | 1516.772 | 1510.808 | 1504.842 |
| 170.0 | 1586.824 | 1581.585 | 1576.345 | 1571.105 | 1565.865 | 1560.626 | 1555.386 | 1550.146 | 1544.907 | 1539.667 |
| 172.5 | 1611.732 | 1607.703 | 1603.269 | 1598.835 | 1594.402 | 1589.968 | 1585.534 | 1581.101 | 1576.668 | 1572.233 |
| 175.0 | 1633.579 | 1630.918 | 1627.371 | 1623.825 | 1620.278 | 1616.730 | 1613.184 | 1609.637 | 1606.089 | 1602.544 |
| 177.5 | 1652.361 | 1651.232 | 1648.733 | 1646.234 | 1643.735 | 1641.237 | 1638.738 | 1636.239 | 1633.740 | 1631.241 |
| 180.0 | 1659.197 | 1659.197 | 1659.197 | 1659.197 | 1659.197 | 1659.197 | 1659.197 | 1659.197 | 1659.197 | 1659.197 |

### Vert. Angles

### 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  | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 2.5  | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 5.0  | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 7.5  | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 10.0 | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 12.5 | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 15.0 | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 17.5 | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 20.0 | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 22.5 | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 25.0 | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 27.5 | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 30.0 | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 32.5 | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 35.0 | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 37.5 | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 40.0 | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 42.5 | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 45.0 | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 47.5 | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 50.0 | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 52.5 | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 55.0 | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 57.5 | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 60.0 | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 62.5 | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 65.0 | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 67.5 | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 70.0 | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 72.5 | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 75.0 | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 77.5 | 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 : MX4U-4-00-L12-835-FASY-DIM-UNV\_.IES

## CANDELA TABULATION - (Cont.)

|       |          |          |          |          |          |          |          |          |          |          |
|-------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 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  | 0.435    | 0.435    | 0.435    | 0.435    | 0.435    | 0.435    | 0.435    | 0.435    | 0.435    | 0.435    |
| 92.5  | 13.639   | 13.301   | 12.962   | 12.624   | 12.286   | 11.946   | 11.607   | 11.269   | 10.930   | 10.592   |
| 95.0  | 48.027   | 47.552   | 47.077   | 46.600   | 46.125   | 45.650   | 45.174   | 44.697   | 44.222   | 43.747   |
| 97.5  | 87.132   | 86.496   | 85.859   | 85.223   | 84.586   | 83.948   | 83.311   | 82.675   | 82.038   | 81.401   |
| 100.0 | 129.574  | 128.761  | 127.945  | 127.132  | 126.318  | 125.503  | 124.689  | 123.875  | 123.060  | 122.246  |
| 102.5 | 175.352  | 174.288  | 173.223  | 172.160  | 171.096  | 170.032  | 168.967  | 167.904  | 166.840  | 165.776  |
| 105.0 | 223.526  | 222.155  | 220.786  | 219.414  | 218.045  | 216.674  | 215.304  | 213.933  | 212.563  | 211.192  |
| 107.5 | 274.456  | 272.690  | 270.924  | 269.160  | 267.394  | 265.628  | 263.863  | 262.098  | 260.333  | 258.567  |
| 110.0 | 326.546  | 324.361  | 322.177  | 319.993  | 317.808  | 315.623  | 313.438  | 311.255  | 309.070  | 306.885  |
| 112.5 | 379.652  | 377.032  | 374.412  | 371.793  | 369.173  | 366.553  | 363.933  | 361.313  | 358.693  | 356.073  |
| 115.0 | 432.324  | 429.406  | 426.488  | 423.570  | 420.652  | 417.734  | 414.815  | 411.897  | 408.979  | 406.061  |
| 117.5 | 486.446  | 483.124  | 479.803  | 476.482  | 473.162  | 469.841  | 466.519  | 463.198  | 459.877  | 456.556  |
| 120.0 | 540.640  | 536.860  | 533.079  | 529.298  | 525.519  | 521.738  | 517.957  | 514.177  | 510.396  | 506.615  |
| 122.5 | 591.933  | 587.894  | 583.856  | 579.817  | 575.779  | 571.740  | 567.702  | 563.663  | 559.625  | 555.586  |
| 125.0 | 645.910  | 641.654  | 637.398  | 633.142  | 628.886  | 624.630  | 620.373  | 616.116  | 611.860  | 607.604  |
| 127.5 | 699.452  | 695.019  | 690.584  | 686.151  | 681.718  | 677.284  | 672.850  | 668.417  | 663.983  | 659.549  |
| 130.0 | 752.341  | 747.753  | 743.167  | 738.580  | 733.993  | 729.407  | 724.820  | 720.233  | 715.647  | 711.059  |
| 132.5 | 805.302  | 800.547  | 795.791  | 791.034  | 786.278  | 781.522  | 776.766  | 772.009  | 767.253  | 762.497  |
| 135.0 | 858.263  | 853.184  | 848.106  | 843.027  | 837.949  | 832.871  | 827.792  | 822.714  | 817.635  | 812.557  |
| 137.5 | 912.676  | 907.275  | 901.874  | 896.473  | 891.072  | 885.671  | 880.270  | 874.869  | 869.468  | 864.067  |
| 140.0 | 967.813  | 962.412  | 957.011  | 951.610  | 946.209  | 940.809  | 935.408  | 930.007  | 924.606  | 919.205  |
| 142.5 | 1023.677 | 1018.356 | 1013.036 | 1007.716 | 1002.395 | 997.075  | 991.755  | 986.434  | 981.114  | 975.793  |
| 145.0 | 1078.089 | 1072.930 | 1067.771 | 1062.612 | 1057.453 | 1052.294 | 1047.135 | 1041.976 | 1036.816 | 1031.657 |
| 147.5 | 1131.775 | 1126.778 | 1121.780 | 1116.782 | 1111.784 | 1106.786 | 1101.789 | 1096.791 | 1091.793 | 1086.795 |
| 150.0 | 1184.737 | 1179.659 | 1174.580 | 1169.502 | 1164.423 | 1159.345 | 1154.267 | 1149.188 | 1144.110 | 1139.031 |
| 152.5 | 1234.797 | 1229.638 | 1224.479 | 1219.319 | 1214.160 | 1209.001 | 1203.842 | 1198.683 | 1193.524 | 1188.365 |
| 155.0 | 1281.954 | 1277.037 | 1272.120 | 1267.203 | 1262.286 | 1257.367 | 1252.450 | 1247.533 | 1242.616 | 1237.699 |
| 157.5 | 1328.386 | 1323.711 | 1319.035 | 1314.359 | 1309.684 | 1305.009 | 1300.334 | 1295.657 | 1290.982 | 1286.307 |
| 160.0 | 1373.367 | 1369.256 | 1365.144 | 1361.034 | 1356.922 | 1352.811 | 1348.699 | 1344.589 | 1340.477 | 1336.366 |
| 162.5 | 1417.622 | 1413.914 | 1410.206 | 1406.498 | 1402.789 | 1399.082 | 1395.373 | 1391.664 | 1387.957 | 1384.248 |
| 165.0 | 1459.700 | 1456.233 | 1452.768 | 1449.301 | 1445.834 | 1442.369 | 1438.902 | 1435.436 | 1431.970 | 1428.504 |
| 167.5 | 1498.877 | 1495.975 | 1493.073 | 1490.170 | 1487.268 | 1484.368 | 1481.465 | 1478.563 | 1475.661 | 1472.759 |
| 170.0 | 1534.427 | 1532.170 | 1529.913 | 1527.656 | 1525.400 | 1523.141 | 1520.884 | 1518.627 | 1516.370 | 1514.114 |
| 172.5 | 1567.800 | 1566.188 | 1564.575 | 1562.963 | 1561.352 | 1559.739 | 1558.127 | 1556.515 | 1554.902 | 1553.290 |
| 175.0 | 1598.996 | 1598.109 | 1597.223 | 1596.336 | 1595.449 | 1594.563 | 1593.676 | 1592.789 | 1591.903 | 1591.016 |
| 177.5 | 1628.742 | 1628.339 | 1627.936 | 1627.532 | 1627.130 | 1626.727 | 1626.324 | 1625.921 | 1625.517 | 1625.114 |
| 180.0 | 1659.197 | 1659.197 | 1659.197 | 1659.197 | 1659.197 | 1659.197 | 1659.197 | 1659.197 | 1659.197 | 1659.197 |

## Vert. Horizontal 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> |
|------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| 0.0  | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 2.5  | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 5.0  | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 7.5  | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 10.0 | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 12.5 | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 15.0 | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 17.5 | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 20.0 | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 22.5 | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 25.0 | 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 : MX4U-4-00-L12-835-FASY-DIM-UNV\_.IES**

**CANDELA TABULATION - (Cont.)**

|       |          |          |          |          |          |          |          |          |          |          |
|-------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 27.5  | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 30.0  | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 32.5  | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 35.0  | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 37.5  | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 40.0  | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 42.5  | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 45.0  | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 47.5  | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 50.0  | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 52.5  | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 55.0  | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 57.5  | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 60.0  | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 62.5  | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 65.0  | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 67.5  | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 70.0  | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 72.5  | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 75.0  | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 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  | 0.426    | 0.419    | 0.410    | 0.403    | 0.395    | 0.387    | 0.379    | 0.372    | 0.363    | 0.372    |
| 92.5  | 10.471   | 10.350   | 10.229   | 10.108   | 9.988    | 9.867    | 9.746    | 9.625    | 9.504    | 9.625    |
| 95.0  | 43.521   | 43.296   | 43.070   | 42.844   | 42.619   | 42.393   | 42.167   | 41.942   | 41.716   | 41.942   |
| 97.5  | 81.128   | 80.853   | 80.579   | 80.305   | 80.030   | 79.757   | 79.483   | 79.208   | 78.934   | 79.208   |
| 100.0 | 121.883  | 121.520  | 121.157  | 120.794  | 120.433  | 120.070  | 119.707  | 119.344  | 118.981  | 119.344  |
| 102.5 | 165.292  | 164.808  | 164.325  | 163.841  | 163.357  | 162.873  | 162.391  | 161.907  | 161.423  | 161.907  |
| 105.0 | 210.547  | 209.903  | 209.258  | 208.612  | 207.969  | 207.323  | 206.678  | 206.034  | 205.389  | 206.034  |
| 107.5 | 257.834  | 257.099  | 256.366  | 255.633  | 254.898  | 254.165  | 253.432  | 252.698  | 251.965  | 252.698  |
| 110.0 | 306.063  | 305.240  | 304.418  | 303.596  | 302.775  | 301.952  | 301.130  | 300.307  | 299.485  | 300.307  |
| 112.5 | 355.139  | 354.204  | 353.268  | 352.333  | 351.398  | 350.464  | 349.527  | 348.593  | 347.658  | 348.593  |
| 115.0 | 405.061  | 404.062  | 403.062  | 402.063  | 401.063  | 400.064  | 399.064  | 398.065  | 397.065  | 398.065  |
| 117.5 | 455.435  | 454.315  | 453.194  | 452.074  | 450.953  | 449.832  | 448.712  | 447.591  | 446.471  | 447.591  |
| 120.0 | 505.470  | 504.327  | 503.182  | 502.037  | 500.892  | 499.747  | 498.603  | 497.458  | 496.313  | 497.458  |
| 122.5 | 554.409  | 553.233  | 552.056  | 550.879  | 549.703  | 548.524  | 547.348  | 546.171  | 544.994  | 546.171  |
| 125.0 | 606.202  | 604.799  | 603.396  | 601.995  | 600.592  | 599.189  | 597.786  | 596.383  | 594.980  | 596.383  |
| 127.5 | 658.106  | 656.663  | 655.221  | 653.778  | 652.335  | 650.892  | 649.450  | 648.007  | 646.564  | 648.007  |
| 130.0 | 709.632  | 708.206  | 706.779  | 705.352  | 703.926  | 702.498  | 701.071  | 699.645  | 698.218  | 699.645  |
| 132.5 | 760.966  | 759.434  | 757.903  | 756.372  | 754.839  | 753.308  | 751.777  | 750.245  | 748.714  | 750.245  |
| 135.0 | 811.026  | 809.494  | 807.963  | 806.430  | 804.899  | 803.367  | 801.836  | 800.303  | 798.772  | 800.303  |
| 137.5 | 862.294  | 860.520  | 858.747  | 856.974  | 855.199  | 853.426  | 851.653  | 849.879  | 848.106  | 849.879  |
| 140.0 | 917.351  | 915.496  | 913.643  | 911.789  | 909.934  | 908.080  | 906.227  | 904.372  | 902.518  | 904.372  |
| 142.5 | 974.101  | 972.407  | 970.715  | 969.023  | 967.329  | 965.637  | 963.944  | 962.251  | 960.558  | 962.251  |
| 145.0 | 1030.207 | 1028.755 | 1027.305 | 1025.853 | 1024.403 | 1022.951 | 1021.501 | 1020.049 | 1018.598 | 1020.049 |
| 147.5 | 1085.264 | 1083.732 | 1082.201 | 1080.669 | 1079.138 | 1077.605 | 1076.074 | 1074.542 | 1073.011 | 1074.542 |
| 150.0 | 1137.258 | 1135.484 | 1133.711 | 1131.938 | 1130.164 | 1128.391 | 1126.618 | 1124.843 | 1123.070 | 1124.843 |
| 152.5 | 1186.592 | 1184.818 | 1183.045 | 1181.272 | 1179.497 | 1177.724 | 1175.951 | 1174.177 | 1172.404 | 1174.177 |
| 155.0 | 1236.087 | 1234.474 | 1232.862 | 1231.249 | 1229.638 | 1228.025 | 1226.413 | 1224.800 | 1223.188 | 1224.800 |
| 157.5 | 1284.937 | 1283.566 | 1282.196 | 1280.825 | 1279.455 | 1278.084 | 1276.714 | 1275.343 | 1273.974 | 1275.343 |
| 160.0 | 1334.997 | 1333.625 | 1332.256 | 1330.885 | 1329.515 | 1328.144 | 1326.774 | 1325.403 | 1324.033 | 1325.403 |
| 162.5 | 1382.959 | 1381.669 | 1380.380 | 1379.089 | 1377.800 | 1376.510 | 1375.221 | 1373.930 | 1372.641 | 1373.930 |
| 165.0 | 1427.536 | 1426.569 | 1425.601 | 1424.635 | 1423.667 | 1422.701 | 1421.733 | 1420.766 | 1419.799 | 1420.766 |



**IES INDOOR REPORT**

**PHOTOMETRIC FILENAME : MX4U-4-00-L12-835-FASY-DIM-UNV\_.IES**

**CANDELA TABULATION - (Cont.)**

|              |          |          |          |          |          |          |          |          |          |          |
|--------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| <b>167.5</b> | 1471.872 | 1470.986 | 1470.099 | 1469.213 | 1468.326 | 1467.440 | 1466.553 | 1465.667 | 1464.780 | 1465.667 |
| <b>170.0</b> | 1513.468 | 1512.823 | 1512.179 | 1511.534 | 1510.889 | 1510.244 | 1509.600 | 1508.954 | 1508.309 | 1508.954 |
| <b>172.5</b> | 1552.968 | 1552.645 | 1552.323 | 1552.001 | 1551.679 | 1551.356 | 1551.034 | 1550.711 | 1550.388 | 1550.711 |
| <b>175.0</b> | 1590.854 | 1590.693 | 1590.532 | 1590.372 | 1590.210 | 1590.049 | 1589.888 | 1589.727 | 1589.565 | 1589.727 |
| <b>177.5</b> | 1625.275 | 1625.437 | 1625.598 | 1625.759 | 1625.921 | 1626.081 | 1626.242 | 1626.403 | 1626.564 | 1626.403 |
| <b>180.0</b> | 1659.197 | 1659.197 | 1659.197 | 1659.197 | 1659.197 | 1659.197 | 1659.197 | 1659.197 | 1659.197 | 1659.197 |

**Vert.  
Angles**

**Horizontal Angles**

|              | <u><b>275.0</b></u> | <u><b>277.5</b></u> | <u><b>280.0</b></u> | <u><b>282.5</b></u> | <u><b>285.0</b></u> | <u><b>287.5</b></u> | <u><b>290.0</b></u> | <u><b>292.5</b></u> | <u><b>295.0</b></u> | <u><b>297.5</b></u> |
|--------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| <b>0.0</b>   | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               |
| <b>2.5</b>   | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               |
| <b>5.0</b>   | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               |
| <b>7.5</b>   | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               |
| <b>10.0</b>  | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               |
| <b>12.5</b>  | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               |
| <b>15.0</b>  | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               |
| <b>17.5</b>  | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               |
| <b>20.0</b>  | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               |
| <b>22.5</b>  | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               |
| <b>25.0</b>  | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               |
| <b>27.5</b>  | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               |
| <b>30.0</b>  | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               |
| <b>32.5</b>  | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               |
| <b>35.0</b>  | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               |
| <b>37.5</b>  | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               |
| <b>40.0</b>  | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               |
| <b>42.5</b>  | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               |
| <b>45.0</b>  | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               |
| <b>47.5</b>  | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               |
| <b>50.0</b>  | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               |
| <b>52.5</b>  | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               |
| <b>55.0</b>  | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               |
| <b>57.5</b>  | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               |
| <b>60.0</b>  | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               |
| <b>62.5</b>  | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               |
| <b>65.0</b>  | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               |
| <b>67.5</b>  | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               |
| <b>70.0</b>  | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               |
| <b>72.5</b>  | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               |
| <b>75.0</b>  | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               |
| <b>77.5</b>  | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               |
| <b>80.0</b>  | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               |
| <b>82.5</b>  | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               |
| <b>85.0</b>  | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               |
| <b>87.5</b>  | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               |
| <b>90.0</b>  | 0.379               | 0.387               | 0.395               | 0.403               | 0.410               | 0.419               | 0.426               | 0.435               | 0.435               | 0.435               |
| <b>92.5</b>  | 9.746               | 9.867               | 9.988               | 10.108              | 10.229              | 10.350              | 10.471              | 10.592              | 10.930              | 11.269              |
| <b>95.0</b>  | 42.167              | 42.393              | 42.619              | 42.844              | 43.070              | 43.296              | 43.521              | 43.747              | 44.222              | 44.697              |
| <b>97.5</b>  | 79.483              | 79.757              | 80.030              | 80.305              | 80.579              | 80.853              | 81.128              | 81.401              | 82.038              | 82.675              |
| <b>100.0</b> | 119.707             | 120.070             | 120.433             | 120.794             | 121.157             | 121.520             | 121.883             | 122.246             | 123.060             | 123.875             |
| <b>102.5</b> | 162.391             | 162.873             | 163.357             | 163.841             | 164.325             | 164.808             | 165.292             | 165.776             | 166.840             | 167.904             |
| <b>105.0</b> | 206.678             | 207.323             | 207.969             | 208.612             | 209.258             | 209.903             | 210.547             | 211.192             | 212.563             | 213.933             |
| <b>107.5</b> | 253.432             | 254.165             | 254.898             | 255.633             | 256.366             | 257.099             | 257.834             | 258.567             | 260.333             | 262.098             |
| <b>110.0</b> | 301.130             | 301.952             | 302.775             | 303.596             | 304.418             | 305.240             | 306.063             | 306.885             | 309.070             | 311.255             |
| <b>112.5</b> | 349.527             | 350.464             | 351.398             | 352.333             | 353.268             | 354.204             | 355.139             | 356.073             | 358.693             | 361.313             |

# IES INDOOR REPORT

PHOTOMETRIC FILENAME : MX4U-4-00-L12-835-FASY-DIM-UNV\_.IES

## CANDELA TABULATION - (Cont.)

|       |          |          |          |          |          |          |          |          |          |          |
|-------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 115.0 | 399.064  | 400.064  | 401.063  | 402.063  | 403.062  | 404.062  | 405.061  | 406.061  | 408.979  | 411.897  |
| 117.5 | 448.712  | 449.832  | 450.953  | 452.074  | 453.194  | 454.315  | 455.435  | 456.556  | 459.877  | 463.198  |
| 120.0 | 498.603  | 499.747  | 500.892  | 502.037  | 503.182  | 504.327  | 505.470  | 506.615  | 510.396  | 514.177  |
| 122.5 | 547.348  | 548.524  | 549.703  | 550.879  | 552.056  | 553.233  | 554.409  | 555.586  | 559.625  | 563.663  |
| 125.0 | 597.786  | 599.189  | 600.592  | 601.995  | 603.396  | 604.799  | 606.202  | 607.604  | 611.860  | 616.116  |
| 127.5 | 649.450  | 650.892  | 652.335  | 653.778  | 655.221  | 656.663  | 658.106  | 659.549  | 663.983  | 668.417  |
| 130.0 | 701.071  | 702.498  | 703.926  | 705.352  | 706.779  | 708.206  | 709.632  | 711.059  | 715.647  | 720.233  |
| 132.5 | 751.777  | 753.308  | 754.839  | 756.372  | 757.903  | 759.434  | 760.966  | 762.497  | 767.253  | 772.009  |
| 135.0 | 801.836  | 803.367  | 804.899  | 806.430  | 807.963  | 809.494  | 811.026  | 812.557  | 817.635  | 822.714  |
| 137.5 | 851.653  | 853.426  | 855.199  | 856.974  | 858.747  | 860.520  | 862.294  | 864.067  | 869.468  | 874.869  |
| 140.0 | 906.227  | 908.080  | 909.934  | 911.789  | 913.643  | 915.496  | 917.351  | 919.205  | 924.606  | 930.007  |
| 142.5 | 963.944  | 965.637  | 967.329  | 969.023  | 970.715  | 972.407  | 974.101  | 975.793  | 981.114  | 986.434  |
| 145.0 | 1021.501 | 1022.951 | 1024.403 | 1025.853 | 1027.305 | 1028.755 | 1030.207 | 1031.657 | 1036.816 | 1041.976 |
| 147.5 | 1076.074 | 1077.605 | 1079.138 | 1080.669 | 1082.201 | 1083.732 | 1085.264 | 1086.795 | 1091.793 | 1096.791 |
| 150.0 | 1126.618 | 1128.391 | 1130.164 | 1131.938 | 1133.711 | 1135.484 | 1137.258 | 1139.031 | 1144.110 | 1149.188 |
| 152.5 | 1175.951 | 1177.724 | 1179.497 | 1181.272 | 1183.045 | 1184.818 | 1186.592 | 1188.365 | 1193.524 | 1198.683 |
| 155.0 | 1226.413 | 1228.025 | 1229.638 | 1231.249 | 1232.862 | 1234.474 | 1236.087 | 1237.699 | 1242.616 | 1247.533 |
| 157.5 | 1276.714 | 1278.084 | 1279.455 | 1280.825 | 1282.196 | 1283.566 | 1284.937 | 1286.307 | 1290.982 | 1295.657 |
| 160.0 | 1326.774 | 1328.144 | 1329.515 | 1330.885 | 1332.256 | 1333.625 | 1334.997 | 1336.366 | 1340.477 | 1344.589 |
| 162.5 | 1375.221 | 1376.510 | 1377.800 | 1379.089 | 1380.380 | 1381.669 | 1382.959 | 1384.248 | 1387.957 | 1391.664 |
| 165.0 | 1421.733 | 1422.701 | 1423.667 | 1424.635 | 1425.601 | 1426.569 | 1427.536 | 1428.504 | 1431.970 | 1435.436 |
| 167.5 | 1466.553 | 1467.440 | 1468.326 | 1469.213 | 1470.099 | 1470.986 | 1471.872 | 1472.759 | 1475.661 | 1478.563 |
| 170.0 | 1509.600 | 1510.244 | 1510.889 | 1511.534 | 1512.179 | 1512.823 | 1513.468 | 1514.114 | 1516.370 | 1518.627 |
| 172.5 | 1551.034 | 1551.356 | 1551.679 | 1552.001 | 1552.323 | 1552.645 | 1552.968 | 1553.290 | 1554.902 | 1556.515 |
| 175.0 | 1589.888 | 1590.049 | 1590.210 | 1590.372 | 1590.532 | 1590.693 | 1590.854 | 1591.016 | 1591.903 | 1592.789 |
| 177.5 | 1626.242 | 1626.081 | 1625.921 | 1625.759 | 1625.598 | 1625.437 | 1625.275 | 1625.114 | 1625.517 | 1625.921 |
| 180.0 | 1659.197 | 1659.197 | 1659.197 | 1659.197 | 1659.197 | 1659.197 | 1659.197 | 1659.197 | 1659.197 | 1659.197 |

## Vert. Angles

## 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  | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 2.5  | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 5.0  | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 7.5  | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 10.0 | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 12.5 | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 15.0 | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 17.5 | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 20.0 | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 22.5 | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 25.0 | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 27.5 | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 30.0 | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 32.5 | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 35.0 | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 37.5 | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 40.0 | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 42.5 | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 45.0 | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 47.5 | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 50.0 | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 52.5 | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 55.0 | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 57.5 | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 60.0 | 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 : MX4U-4-00-L12-835-FASY-DIM-UNV\_.IES**

**CANDELA TABULATION - (Cont.)**

|       |          |          |          |          |          |          |          |          |          |          |
|-------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 62.5  | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 65.0  | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 67.5  | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 70.0  | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 72.5  | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 75.0  | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 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  | 0.435    | 0.435    | 0.435    | 0.435    | 0.435    | 0.435    | 0.435    | 0.444    | 0.451    | 0.459    |
| 92.5  | 11.607   | 11.946   | 12.286   | 12.624   | 12.962   | 13.301   | 13.639   | 14.171   | 14.704   | 15.235   |
| 95.0  | 45.174   | 45.650   | 46.125   | 46.600   | 47.077   | 47.552   | 48.027   | 48.616   | 49.204   | 49.793   |
| 97.5  | 83.311   | 83.948   | 84.586   | 85.223   | 85.859   | 86.496   | 87.132   | 87.946   | 88.761   | 89.575   |
| 100.0 | 124.689  | 125.503  | 126.318  | 127.132  | 127.945  | 128.761  | 129.574  | 130.848  | 132.121  | 133.395  |
| 102.5 | 168.967  | 170.032  | 171.096  | 172.160  | 173.223  | 174.288  | 175.352  | 177.198  | 179.045  | 180.890  |
| 105.0 | 215.304  | 216.674  | 218.045  | 219.414  | 220.786  | 222.155  | 223.526  | 226.025  | 228.524  | 231.023  |
| 107.5 | 263.863  | 265.628  | 267.394  | 269.160  | 270.924  | 272.690  | 274.456  | 277.665  | 280.872  | 284.081  |
| 110.0 | 313.438  | 315.623  | 317.808  | 319.993  | 322.177  | 324.361  | 326.546  | 330.553  | 334.559  | 338.565  |
| 112.5 | 363.933  | 366.553  | 369.173  | 371.793  | 374.412  | 377.032  | 379.652  | 384.401  | 389.148  | 393.896  |
| 115.0 | 414.815  | 417.734  | 420.652  | 423.570  | 426.488  | 429.406  | 432.324  | 437.806  | 443.288  | 448.770  |
| 117.5 | 466.519  | 469.841  | 473.162  | 476.482  | 479.803  | 483.124  | 486.446  | 492.436  | 498.424  | 504.415  |
| 120.0 | 517.957  | 521.738  | 525.519  | 529.298  | 533.079  | 536.860  | 540.640  | 547.073  | 553.506  | 559.939  |
| 122.5 | 567.702  | 571.740  | 575.779  | 579.817  | 583.856  | 587.894  | 591.933  | 599.221  | 606.507  | 613.795  |
| 125.0 | 620.373  | 624.630  | 628.886  | 633.142  | 637.398  | 641.654  | 645.910  | 653.601  | 661.291  | 668.980  |
| 127.5 | 672.850  | 677.284  | 681.718  | 686.151  | 690.584  | 695.019  | 699.452  | 707.585  | 715.720  | 723.853  |
| 130.0 | 724.820  | 729.407  | 733.993  | 738.580  | 743.167  | 747.753  | 752.341  | 760.886  | 769.431  | 777.975  |
| 132.5 | 776.766  | 781.522  | 786.278  | 791.034  | 795.791  | 800.547  | 805.302  | 814.089  | 822.875  | 831.662  |
| 135.0 | 827.792  | 832.871  | 837.949  | 843.027  | 848.106  | 853.184  | 858.263  | 867.453  | 876.642  | 885.832  |
| 137.5 | 880.270  | 885.671  | 891.072  | 896.473  | 901.874  | 907.275  | 912.676  | 922.188  | 931.701  | 941.212  |
| 140.0 | 935.408  | 940.809  | 946.209  | 951.610  | 957.011  | 962.412  | 967.813  | 977.486  | 987.160  | 996.833  |
| 142.5 | 991.755  | 997.075  | 1002.395 | 1007.716 | 1013.036 | 1018.356 | 1023.677 | 1033.350 | 1043.023 | 1052.697 |
| 145.0 | 1047.135 | 1052.294 | 1057.453 | 1062.612 | 1067.771 | 1072.930 | 1078.089 | 1087.843 | 1097.596 | 1107.351 |
| 147.5 | 1101.789 | 1106.786 | 1111.784 | 1116.782 | 1121.780 | 1126.778 | 1131.775 | 1141.448 | 1151.122 | 1160.795 |
| 150.0 | 1154.267 | 1159.345 | 1164.423 | 1169.502 | 1174.580 | 1179.659 | 1184.737 | 1194.168 | 1203.600 | 1213.031 |
| 152.5 | 1203.842 | 1209.001 | 1214.160 | 1219.319 | 1224.479 | 1229.638 | 1234.797 | 1243.986 | 1253.176 | 1262.365 |
| 155.0 | 1252.450 | 1257.367 | 1262.286 | 1267.203 | 1272.120 | 1277.037 | 1281.954 | 1290.903 | 1299.850 | 1308.798 |
| 157.5 | 1300.334 | 1305.009 | 1309.684 | 1314.359 | 1319.035 | 1323.711 | 1328.386 | 1337.012 | 1345.636 | 1354.262 |
| 160.0 | 1348.699 | 1352.811 | 1356.922 | 1361.034 | 1365.144 | 1369.256 | 1373.367 | 1381.509 | 1389.651 | 1397.793 |
| 162.5 | 1395.373 | 1399.082 | 1402.789 | 1406.498 | 1410.206 | 1413.914 | 1417.622 | 1425.119 | 1432.616 | 1440.112 |
| 165.0 | 1438.902 | 1442.369 | 1445.834 | 1449.301 | 1452.768 | 1456.233 | 1459.700 | 1466.471 | 1473.243 | 1480.014 |
| 167.5 | 1481.465 | 1484.368 | 1487.268 | 1490.170 | 1493.073 | 1495.975 | 1498.877 | 1504.842 | 1510.808 | 1516.772 |
| 170.0 | 1520.884 | 1523.141 | 1525.400 | 1527.656 | 1529.913 | 1532.170 | 1534.427 | 1539.667 | 1544.907 | 1550.146 |
| 172.5 | 1558.127 | 1559.739 | 1561.352 | 1562.963 | 1564.575 | 1566.188 | 1567.800 | 1572.233 | 1576.668 | 1581.101 |
| 175.0 | 1593.676 | 1594.563 | 1595.449 | 1596.336 | 1597.223 | 1598.109 | 1598.996 | 1602.544 | 1606.089 | 1609.637 |
| 177.5 | 1626.324 | 1626.727 | 1627.130 | 1627.532 | 1627.936 | 1628.339 | 1628.742 | 1631.241 | 1633.740 | 1636.239 |
| 180.0 | 1659.197 | 1659.197 | 1659.197 | 1659.197 | 1659.197 | 1659.197 | 1659.197 | 1659.197 | 1659.197 | 1659.197 |

**Vert. Horizontal Angles**

|     | <u>325.0</u> | <u>327.5</u> | <u>330.0</u> | <u>332.5</u> | <u>335.0</u> | <u>337.5</u> | <u>340.0</u> | <u>342.5</u> | <u>345.0</u> | <u>347.5</u> |
|-----|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| 0.0 | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 2.5 | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 5.0 | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 7.5 | 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 : MX4U-4-00-L12-835-FASY-DIM-UNV\_.IES

## CANDELA TABULATION - (Cont.)

|       |          |          |          |          |          |          |          |          |          |          |
|-------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 10.0  | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 12.5  | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 15.0  | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 17.5  | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 20.0  | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 22.5  | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 25.0  | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 27.5  | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 30.0  | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 32.5  | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 35.0  | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 37.5  | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 40.0  | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 42.5  | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 45.0  | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 47.5  | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 50.0  | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 52.5  | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 55.0  | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 57.5  | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 60.0  | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 62.5  | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 65.0  | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 67.5  | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 70.0  | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 72.5  | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 75.0  | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 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  | 0.468    | 0.475    | 0.484    | 0.493    | 0.500    | 0.508    | 0.822    | 1.136    | 1.452    | 1.766    |
| 92.5  | 15.768   | 16.300   | 16.832   | 17.364   | 17.897   | 18.428   | 20.017   | 21.604   | 23.193   | 24.780   |
| 95.0  | 50.382   | 50.970   | 51.559   | 52.148   | 52.736   | 53.325   | 55.380   | 57.435   | 59.491   | 61.546   |
| 97.5  | 90.389   | 91.204   | 92.018   | 92.831   | 93.647   | 94.460   | 97.096   | 99.732   | 102.368  | 105.003  |
| 100.0 | 134.669  | 135.942  | 137.215  | 138.490  | 139.763  | 141.036  | 144.413  | 147.791  | 151.168  | 154.546  |
| 102.5 | 182.736  | 184.583  | 186.429  | 188.274  | 190.121  | 191.967  | 196.263  | 200.560  | 204.856  | 209.152  |
| 105.0 | 233.522  | 236.021  | 238.520  | 241.018  | 243.517  | 246.016  | 251.224  | 256.431  | 261.639  | 266.846  |
| 107.5 | 287.289  | 290.498  | 293.705  | 296.914  | 300.122  | 303.331  | 309.288  | 315.245  | 321.201  | 327.158  |
| 110.0 | 342.572  | 346.578  | 350.585  | 354.591  | 358.597  | 362.604  | 369.222  | 375.840  | 382.458  | 389.076  |
| 112.5 | 398.645  | 403.392  | 408.141  | 412.889  | 417.637  | 422.385  | 429.736  | 437.089  | 444.440  | 451.791  |
| 115.0 | 454.251  | 459.733  | 465.213  | 470.695  | 476.177  | 481.658  | 489.607  | 497.555  | 505.503  | 513.451  |
| 117.5 | 510.403  | 516.393  | 522.382  | 528.372  | 534.361  | 540.351  | 548.831  | 557.312  | 565.792  | 574.272  |
| 120.0 | 566.371  | 572.805  | 579.237  | 585.669  | 592.103  | 598.535  | 607.645  | 616.753  | 625.863  | 634.971  |
| 122.5 | 621.083  | 628.369  | 635.657  | 642.945  | 650.231  | 657.519  | 667.086  | 676.656  | 686.223  | 695.793  |
| 125.0 | 676.671  | 684.361  | 692.052  | 699.742  | 707.433  | 715.122  | 725.304  | 735.485  | 745.666  | 755.848  |
| 127.5 | 731.987  | 740.120  | 748.253  | 756.388  | 764.521  | 772.654  | 783.456  | 794.258  | 805.060  | 815.862  |
| 130.0 | 786.520  | 795.065  | 803.610  | 812.154  | 820.699  | 829.244  | 840.449  | 851.653  | 862.859  | 874.064  |
| 132.5 | 840.448  | 849.235  | 858.021  | 866.808  | 875.594  | 884.381  | 895.909  | 907.435  | 918.963  | 930.491  |
| 135.0 | 895.021  | 904.212  | 913.401  | 922.591  | 931.780  | 940.971  | 952.658  | 964.348  | 976.035  | 987.725  |
| 137.5 | 950.724  | 960.237  | 969.749  | 979.260  | 988.773  | 998.285  | 1010.053 | 1021.823 | 1033.592 | 1045.362 |
| 140.0 | 1006.506 | 1016.180 | 1025.853 | 1035.526 | 1045.200 | 1054.873 | 1066.722 | 1078.573 | 1090.422 | 1102.273 |
| 142.5 | 1062.370 | 1072.043 | 1081.716 | 1091.390 | 1101.063 | 1110.736 | 1122.506 | 1134.274 | 1146.044 | 1157.813 |
| 145.0 | 1117.105 | 1126.858 | 1136.612 | 1146.367 | 1156.120 | 1165.874 | 1177.321 | 1188.767 | 1200.214 | 1211.662 |
| 147.5 | 1170.468 | 1180.143 | 1189.815 | 1199.488 | 1209.163 | 1218.836 | 1229.960 | 1241.085 | 1252.208 | 1263.333 |

# IES INDOOR REPORT

PHOTOMETRIC FILENAME : MX4U-4-00-L12-835-FASY-DIM-UNV\_.IES

## CANDELA TABULATION - (Cont.)

|       |          |          |          |          |          |          |          |          |          |          |
|-------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 150.0 | 1222.462 | 1231.895 | 1241.325 | 1250.756 | 1260.189 | 1269.620 | 1280.502 | 1291.385 | 1302.268 | 1313.151 |
| 152.5 | 1271.555 | 1280.744 | 1289.935 | 1299.124 | 1308.314 | 1317.503 | 1328.224 | 1338.946 | 1349.667 | 1360.389 |
| 155.0 | 1317.745 | 1326.693 | 1335.640 | 1344.589 | 1353.536 | 1362.484 | 1372.883 | 1383.282 | 1393.681 | 1404.079 |
| 157.5 | 1362.888 | 1371.512 | 1380.138 | 1388.764 | 1397.388 | 1406.014 | 1415.848 | 1425.682 | 1435.518 | 1445.352 |
| 160.0 | 1405.934 | 1414.075 | 1422.217 | 1430.359 | 1438.501 | 1446.642 | 1455.751 | 1464.860 | 1473.969 | 1483.078 |
| 162.5 | 1447.609 | 1455.107 | 1462.604 | 1470.100 | 1477.597 | 1485.093 | 1493.316 | 1501.538 | 1509.760 | 1517.982 |
| 165.0 | 1486.786 | 1493.556 | 1500.329 | 1507.099 | 1513.872 | 1520.642 | 1527.897 | 1535.152 | 1542.408 | 1549.662 |
| 167.5 | 1522.738 | 1528.704 | 1534.669 | 1540.633 | 1546.599 | 1552.565 | 1558.853 | 1565.140 | 1571.428 | 1577.715 |
| 170.0 | 1555.386 | 1560.626 | 1565.865 | 1571.105 | 1576.345 | 1581.585 | 1586.824 | 1592.064 | 1597.304 | 1602.544 |
| 172.5 | 1585.534 | 1589.968 | 1594.402 | 1598.835 | 1603.269 | 1607.703 | 1611.732 | 1615.764 | 1619.794 | 1623.825 |
| 175.0 | 1613.184 | 1616.730 | 1620.278 | 1623.825 | 1627.371 | 1630.918 | 1633.579 | 1636.239 | 1638.899 | 1641.559 |
| 177.5 | 1638.738 | 1641.237 | 1643.735 | 1646.234 | 1648.733 | 1651.232 | 1652.361 | 1653.489 | 1654.618 | 1655.746 |
| 180.0 | 1659.197 | 1659.197 | 1659.197 | 1659.197 | 1659.197 | 1659.197 | 1659.197 | 1659.197 | 1659.197 | 1659.197 |

## Vert. Horizontal Angles

|      | <u>350.0</u> | <u>352.5</u> | <u>355.0</u> | <u>357.5</u> | <u>360.0</u> |
|------|--------------|--------------|--------------|--------------|--------------|
| 0.0  | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 2.5  | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 5.0  | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 7.5  | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 10.0 | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 12.5 | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 15.0 | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 17.5 | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 20.0 | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 22.5 | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 25.0 | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 27.5 | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 30.0 | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 32.5 | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 35.0 | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 37.5 | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 40.0 | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 42.5 | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 45.0 | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 47.5 | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 50.0 | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 52.5 | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 55.0 | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 57.5 | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 60.0 | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 62.5 | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 65.0 | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 67.5 | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 70.0 | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 72.5 | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 75.0 | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 77.5 | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 80.0 | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 82.5 | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 85.0 | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 87.5 | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 90.0 | 2.080        | 2.394        | 2.709        | 3.023        | 3.337        |
| 92.5 | 26.369       | 27.956       | 29.544       | 31.132       | 32.720       |
| 95.0 | 63.603       | 65.658       | 67.713       | 69.768       | 71.824       |

**IES INDOOR REPORT****PHOTOMETRIC FILENAME : MX4U-4-00-L12-835-FASY-DIM-UNV\_.IES****CANDELA TABULATION - (Cont.)**

|              |          |          |          |          |          |
|--------------|----------|----------|----------|----------|----------|
| <b>97.5</b>  | 107.640  | 110.276  | 112.912  | 115.547  | 118.183  |
| <b>100.0</b> | 157.925  | 161.302  | 164.680  | 168.057  | 171.434  |
| <b>102.5</b> | 213.450  | 217.747  | 222.043  | 226.339  | 230.636  |
| <b>105.0</b> | 272.054  | 277.260  | 282.468  | 287.675  | 292.883  |
| <b>107.5</b> | 333.117  | 339.074  | 345.031  | 350.988  | 356.945  |
| <b>110.0</b> | 395.694  | 402.312  | 408.930  | 415.548  | 422.166  |
| <b>112.5</b> | 459.144  | 466.495  | 473.846  | 481.199  | 488.550  |
| <b>115.0</b> | 521.400  | 529.347  | 537.296  | 545.245  | 553.192  |
| <b>117.5</b> | 582.753  | 591.231  | 599.712  | 608.192  | 616.672  |
| <b>120.0</b> | 644.081  | 653.189  | 662.299  | 671.409  | 680.517  |
| <b>122.5</b> | 705.360  | 714.929  | 724.497  | 734.066  | 743.634  |
| <b>125.0</b> | 766.029  | 776.209  | 786.390  | 796.571  | 806.753  |
| <b>127.5</b> | 826.665  | 837.465  | 848.267  | 859.069  | 869.871  |
| <b>130.0</b> | 885.268  | 896.473  | 907.679  | 918.882  | 930.088  |
| <b>132.5</b> | 942.018  | 953.546  | 965.074  | 976.600  | 988.128  |
| <b>135.0</b> | 999.413  | 1011.102 | 1022.790 | 1034.479 | 1046.167 |
| <b>137.5</b> | 1057.130 | 1068.900 | 1080.669 | 1092.438 | 1104.207 |
| <b>140.0</b> | 1114.122 | 1125.972 | 1137.822 | 1149.672 | 1161.521 |
| <b>142.5</b> | 1169.582 | 1181.351 | 1193.121 | 1204.889 | 1216.659 |
| <b>145.0</b> | 1223.107 | 1234.555 | 1246.002 | 1257.448 | 1268.895 |
| <b>147.5</b> | 1274.458 | 1285.582 | 1296.707 | 1307.830 | 1318.955 |
| <b>150.0</b> | 1324.033 | 1334.915 | 1345.797 | 1356.680 | 1367.563 |
| <b>152.5</b> | 1371.109 | 1381.830 | 1392.551 | 1403.273 | 1413.994 |
| <b>155.0</b> | 1414.478 | 1424.877 | 1435.276 | 1445.675 | 1456.073 |
| <b>157.5</b> | 1455.186 | 1465.020 | 1474.856 | 1484.690 | 1494.524 |
| <b>160.0</b> | 1492.187 | 1501.297 | 1510.405 | 1519.515 | 1528.623 |
| <b>162.5</b> | 1526.205 | 1534.427 | 1542.648 | 1550.871 | 1559.093 |
| <b>165.0</b> | 1556.917 | 1564.172 | 1571.428 | 1578.682 | 1585.937 |
| <b>167.5</b> | 1584.003 | 1590.290 | 1596.578 | 1602.865 | 1609.153 |
| <b>170.0</b> | 1607.783 | 1613.023 | 1618.263 | 1623.502 | 1628.742 |
| <b>172.5</b> | 1627.855 | 1631.886 | 1635.916 | 1639.947 | 1643.977 |
| <b>175.0</b> | 1644.219 | 1646.880 | 1649.540 | 1652.200 | 1654.860 |
| <b>177.5</b> | 1656.875 | 1658.003 | 1659.132 | 1660.260 | 1661.389 |
| <b>180.0</b> | 1659.197 | 1659.197 | 1659.197 | 1659.197 | 1659.197 |

**IES INDOOR REPORT****PHOTOMETRIC FILENAME : MX4U-4-00-L12-835-FASY-DIM-UNV\_.IES****ZONAL LUMEN SUMMARY**

| Zone    | Lumens  | %Lamp | %Fixt  |
|---------|---------|-------|--------|
| 0-20    | 0.00    | N.A.  | 0.00   |
| 0-30    | 0.00    | N.A.  | 0.00   |
| 0-40    | 0.00    | N.A.  | 0.00   |
| 0-60    | 0.00    | N.A.  | 0.00   |
| 0-80    | 0.00    | N.A.  | 0.00   |
| 0-90    | 1.21    | N.A.  | 0.00   |
| 10-90   | 1.21    | N.A.  | 0.00   |
| 20-40   | 0.00    | N.A.  | 0.00   |
| 20-50   | 0.00    | N.A.  | 0.00   |
| 40-70   | 0.00    | N.A.  | 0.00   |
| 60-80   | 0.00    | N.A.  | 0.00   |
| 70-80   | 0.00    | N.A.  | 0.00   |
| 80-90   | 1.21    | N.A.  | 0.00   |
| 90-110  | 424.00  | N.A.  | 9.20   |
| 90-120  | 981.44  | N.A.  | 21.30  |
| 90-130  | 1711.8  | N.A.  | 37.20  |
| 90-150  | 3327.3  | N.A.  | 72.20  |
| 90-180  | 4605.42 | N.A.  | 100.00 |
| 110-180 | 4181.42 | N.A.  | 90.80  |
| 0-180   | 4606.63 | N.A.  | 100.00 |

Total Luminaire Efficiency = N.A. %

**ZONAL LUMEN SUMMARY**

| Zone    | Lumens |
|---------|--------|
| 0-10    | 0.00   |
| 10-20   | 0.00   |
| 20-30   | 0.00   |
| 30-40   | 0.00   |
| 40-50   | 0.00   |
| 50-60   | 0.00   |
| 60-70   | 0.00   |
| 70-80   | 0.00   |
| 80-90   | 1.21   |
| 90-100  | 97.17  |
| 100-110 | 326.83 |
| 110-120 | 557.44 |
| 120-130 | 730.37 |
| 130-140 | 815.28 |
| 140-150 | 800.22 |
| 150-160 | 673.54 |
| 160-170 | 447.74 |
| 170-180 | 156.84 |

# IES INDOOR REPORT

PHOTOMETRIC FILENAME : MX4U-4-00-L12-835-FASY-DIM-UNV\_.IES

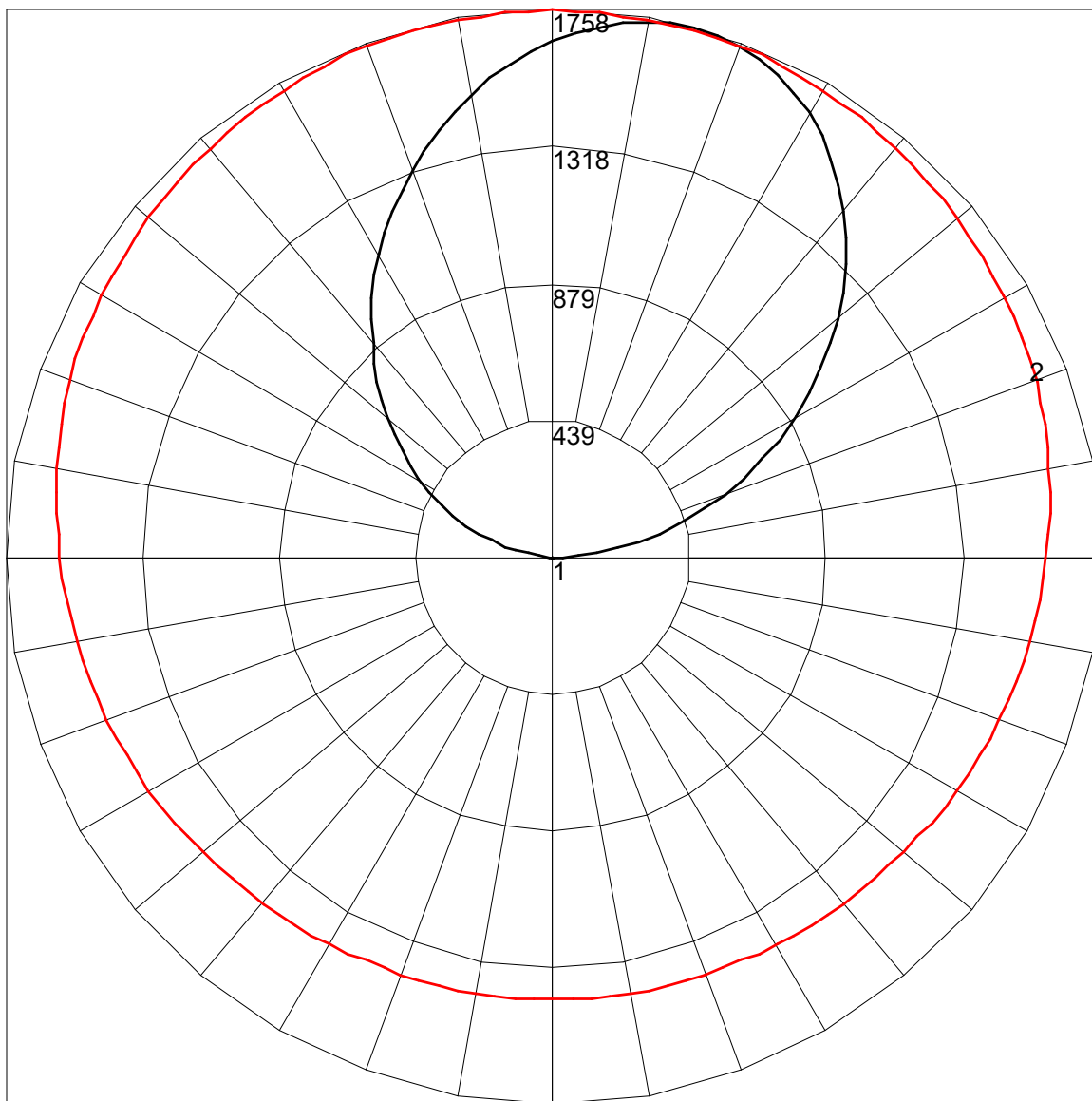
## COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

Effective Floor Cavity Reflectance 0.20

| RC<br>RW | 80 |    |    |    | 70 |    |    |    | 50 |    |    | 30 |    |    | 10 |    |    | 0 |
|----------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|---|
|          | 70 | 50 | 30 | 10 | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 |   |
| 0        | 95 | 95 | 95 | 95 | 81 | 81 | 81 | 81 | 56 | 56 | 56 | 32 | 32 | 32 | 10 | 10 | 10 | 0 |
| 1        | 87 | 83 | 79 | 76 | 74 | 71 | 68 | 65 | 48 | 47 | 45 | 28 | 27 | 26 | 9  | 9  | 8  | 0 |
| 2        | 79 | 72 | 66 | 62 | 67 | 62 | 57 | 53 | 42 | 40 | 37 | 24 | 23 | 22 | 8  | 7  | 7  | 0 |
| 3        | 72 | 63 | 56 | 51 | 61 | 54 | 49 | 44 | 37 | 34 | 31 | 21 | 20 | 18 | 7  | 6  | 6  | 0 |
| 4        | 65 | 56 | 48 | 43 | 56 | 48 | 42 | 37 | 33 | 29 | 26 | 19 | 17 | 16 | 6  | 6  | 5  | 0 |
| 5        | 60 | 49 | 42 | 36 | 51 | 42 | 36 | 32 | 29 | 25 | 22 | 17 | 15 | 13 | 5  | 5  | 4  | 0 |
| 6        | 55 | 44 | 36 | 31 | 47 | 38 | 32 | 27 | 26 | 22 | 19 | 15 | 13 | 11 | 5  | 4  | 4  | 0 |
| 7        | 50 | 39 | 32 | 27 | 43 | 34 | 28 | 23 | 23 | 19 | 17 | 14 | 11 | 10 | 4  | 4  | 3  | 0 |
| 8        | 47 | 35 | 28 | 23 | 40 | 30 | 24 | 20 | 21 | 17 | 14 | 12 | 10 | 9  | 4  | 3  | 3  | 0 |
| 9        | 43 | 32 | 25 | 20 | 37 | 27 | 22 | 18 | 19 | 15 | 13 | 11 | 9  | 8  | 4  | 3  | 3  | 0 |
| 10       | 40 | 29 | 22 | 18 | 34 | 25 | 19 | 16 | 17 | 14 | 11 | 10 | 8  | 7  | 3  | 3  | 2  | 0 |



POLAR GRAPH



Maximum Candela = 1757.88 Located At Horizontal Angle = 90, Vertical Angle = 165  
# 1 - Vertical Plane Through Horizontal Angles (90 - 270)  
# 2 - Horizontal Cone Through Vertical Angle (165) (Through Max. Cd.)