



## IES ROAD REPORT

PHOTOMETRIC FILENAME : ALL MD 4 UV 840.IES

### DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-1995

[TEST] s17050021h-01 (scaled to 4K)

[TESTLAB] LEADING TESTING LABORATORIES

[ISSUE DATE] 2017-07-21 17:02:23

[MANUFAC] LumenFocus, LLC

[LUMCAT] ALL MD 4 UV 840

[LUMINAIRE] ALL WITH ONE 167W LED ARRAY, TYPE IV OPTICS, CLEAR GLASS LENS

### CHARACTERISTICS

|   |                                  |
|---|----------------------------------|
| IES Classification                              | Type IV                          |
| Longitudinal Classification                     | Short                            |
| Lumens Per Lamp                                 | N.A. (absolute)                  |
| Total Lamp Lumens                               | N.A. (absolute)                  |
| Luminaire Lumens                                | 20625                            |
| Downward Total Efficiency                       | N.A. (absolute)                  |
| Total Luminaire Efficiency                      | N.A. (absolute)                  |
| Luminaire Efficacy Rating (LER)                 | 115                              |
| Total Luminaire Watts                           | 178.78                           |
| Ballast Factor                                  | 1.00                             |
| Upward Waste Light Ratio                        | 0.00                             |
| Maximum Candela                                 | 14303.039                        |
| Maximum Candela Angle                           | 32.5H 65V                        |
| Maximum Candela (<90 Degrees Vertical)          | 14303.039                        |
| Maximum Candela Angle (<90 Degrees Vertical)    | 32.5H 65V                        |
| Maximum Candela At 90 Degrees Vertical          | 5.306 (0.0% Luminaire Lumens)    |
| Maximum Candela from 80 to <90 Degrees Vertical | 2086.32 (10.1% Luminaire Lumens) |
| Cutoff Classification (deprecated)              | N.A. (absolute)                  |

### LUMINAIRE CLASSIFICATION SYSTEM (LCS)

|                               | Lumens | % Lamp | % Luminaire |
|-------------------------------|--------|--------|-------------|
| FL - Front-Low (0-30)         | 978.3  | N.A.   | 4.7         |
| FM - Front-Medium (30-60)     | 8005.7 | N.A.   | 38.8        |
| FH - Front-High (60-80)       | 8177.3 | N.A.   | 39.6        |
| FVH - Front-Very High (80-90) | 112.5  | N.A.   | 0.5         |
| BL - Back-Low (0-30)          | 530.2  | N.A.   | 2.6         |
| BM - Back-Medium (30-60)      | 1361.2 | N.A.   | 6.6         |
| BH - Back-High (60-80)        | 1331.0 | N.A.   | 6.5         |
| BVH - Back-Very High (80-90)  | 129.0  | N.A.   | 0.6         |
| UL - Uplight-Low (90-100)     | 0.1    | N.A.   | 0.0         |
| UH - Uplight-High (100-180)   | 0.0    | N.A.   | 0.0         |

|       |         |      |       |
|-------|---------|------|-------|
| Total | 20625.3 | N.A. | 100.0 |
|-------|---------|------|-------|

|            |          |
|------------|----------|
| BUG Rating | B3-U1-G4 |
|------------|----------|

**IES ROAD REPORT**  
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**CANDELA TABULATION**

| <b>Vert.<br/>Angles</b> | <b>Horizontal Angles</b> |                   |                   |                   |                    |                    |                    |                    |                    |                    |
|-------------------------|--------------------------|-------------------|-------------------|-------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
|                         | <u><b>0.0</b></u>        | <u><b>2.5</b></u> | <u><b>5.0</b></u> | <u><b>7.5</b></u> | <u><b>10.0</b></u> | <u><b>12.5</b></u> | <u><b>15.0</b></u> | <u><b>17.5</b></u> | <u><b>20.0</b></u> | <u><b>22.5</b></u> |
| <b>0.0</b>              | 1331.060                 | 1331.060          | 1331.060          | 1331.060          | 1331.060           | 1331.060           | 1331.060           | 1331.060           | 1331.060           | 1331.060           |
| <b>2.5</b>              | 1372.901                 | 1372.929          | 1372.332          | 1371.624          | 1372.966           | 1372.827           | 1372.286           | 1372.295           | 1371.670           | 1370.449           |
| <b>5.0</b>              | 1429.774                 | 1428.590          | 1428.357          | 1427.863          | 1427.173           | 1426.529           | 1427.704           | 1427.471           | 1427.070           | 1426.520           |
| <b>7.5</b>              | 1516.888                 | 1516.282          | 1516.310          | 1516.767          | 1515.275           | 1514.483           | 1514.007           | 1517.168           | 1516.767           | 1516.935           |
| <b>10.0</b>             | 1653.546                 | 1652.241          | 1651.719          | 1652.390          | 1650.814           | 1648.800           | 1647.438           | 1651.625           | 1649.686           | 1648.735           |
| <b>12.5</b>             | 1814.776                 | 1812.603          | 1811.391          | 1812.258          | 1810.048           | 1806.029           | 1804.341           | 1808.621           | 1805.068           | 1802.439           |
| <b>15.0</b>             | 1980.416                 | 1977.599          | 1975.697          | 1976.359          | 1974.336           | 1969.841           | 1967.006           | 1971.883           | 1966.503           | 1962.101           |
| <b>17.5</b>             | 2197.026                 | 2192.615          | 2189.016          | 2188.242          | 2184.018           | 2175.467           | 2168.836           | 2173.266           | 2164.193           | 2154.635           |
| <b>20.0</b>             | 2492.116                 | 2484.898          | 2478.660          | 2476.506          | 2469.726           | 2455.524           | 2443.467           | 2445.602           | 2431.960           | 2416.564           |
| <b>22.5</b>             | 2845.225                 | 2835.527          | 2826.650          | 2821.754          | 2811.935           | 2792.455           | 2775.148           | 2773.712           | 2754.353           | 2731.563           |
| <b>25.0</b>             | 3215.987                 | 3205.058          | 3194.605          | 3186.837          | 3174.678           | 3152.288           | 3131.363           | 3112.237           | 3104.610           | 3078.667           |
| <b>27.5</b>             | 3611.032                 | 3596.914          | 3583.197          | 3572.109          | 3556.406           | 3528.142           | 3501.538           | 3477.376           | 3467.175           | 3437.978           |
| <b>30.0</b>             | 4056.599                 | 4039.916          | 4022.880          | 4003.316          | 3979.481           | 3942.293           | 3905.944           | 3871.050           | 3853.780           | 3816.760           |
| <b>32.5</b>             | 4594.819                 | 4569.847          | 4544.669          | 4517.897          | 4484.337           | 4426.792           | 4372.278           | 4323.937           | 4295.906           | 4242.586           |
| <b>35.0</b>             | 5264.681                 | 5233.731          | 5201.961          | 5162.861          | 5113.019           | 5020.310           | 4936.291           | 4872.527           | 4829.380           | 4748.225           |
| <b>37.5</b>             | 6079.676                 | 6026.477          | 5974.388          | 5933.125          | 5878.489           | 5764.323           | 5658.000           | 5572.452           | 5506.114           | 5383.043           |
| <b>40.0</b>             | 6770.528                 | 6751.645          | 6730.822          | 6688.869          | 6635.614           | 6526.260           | 6424.645           | 6346.054           | 6271.501           | 6107.399           |
| <b>42.5</b>             | 7209.652                 | 7192.503          | 7174.664          | 7148.545          | 7118.407           | 7066.121           | 7008.456           | 6932.671           | 6845.977           | 6663.365           |
| <b>45.0</b>             | 7586.606                 | 7564.981          | 7542.368          | 7506.728          | 7470.789           | 7432.958           | 7390.837           | 7332.583           | 7274.106           | 7158.094           |
| <b>47.5</b>             | 8060.082                 | 8027.240          | 7992.439          | 7929.449          | 7865.003           | 7790.711           | 7719.468           | 7660.861           | 7608.827           | 7510.924           |
| <b>50.0</b>             | 8615.461                 | 8574.142          | 8531.237          | 8463.230          | 8390.831           | 8285.822           | 8185.961           | 8109.915           | 8055.998           | 7955.074           |
| <b>52.5</b>             | 9521.841                 | 9466.973          | 9411.527          | 9346.000          | 9274.011           | 9149.065           | 9026.833           | 8918.439           | 8857.612           | 8735.828           |
| <b>55.0</b>             | 10535.973                | 10446.564         | 10358.061         | 10286.725         | 10213.178          | 10119.565          | 10031.630          | 9997.165           | 9950.195           | 9849.541           |
| <b>57.5</b>             | 12395.517                | 12306.091         | 12217.494         | 12146.158         | 12063.324          | 11965.261          | 11862.190          | 11742.892          | 11629.232          | 11503.897          |
| <b>60.0</b>             | 13067.421                | 13046.729         | 13027.529         | 13042.710         | 13059.103          | 13089.111          | 13112.694          | 13090.584          | 13094.967          | 12928.488          |
| <b>62.5</b>             | 12991.963                | 12991.124         | 12990.313         | 13039.996         | 13093.046          | 13210.084          | 13325.733          | 13430.471          | 13551.929          | 13705.512          |
| <b>65.0</b>             | 12190.507                | 12247.987         | 12303.526         | 12411.818         | 12524.464          | 12746.958          | 12968.110          | 13177.587          | 13365.159          | 13619.414          |
| <b>67.5</b>             | 8804.721                 | 9049.073          | 9286.068          | 9596.330          | 9916.765           | 10539.609          | 11157.223          | 11722.476          | 12150.009          | 12667.966          |
| <b>70.0</b>             | 4819.067                 | 4999.086          | 5174.321          | 5406.672          | 5652.507           | 6247.405           | 6851.469           | 7563.368           | 8103.397           | 9221.651           |
| <b>72.5</b>             | 2189.296                 | 2260.585          | 2330.215          | 2441.835          | 2559.619           | 2857.255           | 3167.525           | 3649.367           | 3966.585           | 4634.413           |
| <b>75.0</b>             | 1093.823                 | 1162.249          | 1229.305          | 1239.460          | 1249.028           | 1408.690           | 1558.888           | 1655.365           | 1707.976           | 1895.894           |
| <b>77.5</b>             | 587.167                  | 603.309           | 619.180           | 649.430           | 678.189            | 753.992            | 825.925            | 870.228            | 888.449            | 987.406            |
| <b>80.0</b>             | 272.607                  | 292.106           | 311.343           | 331.084           | 350.042            | 393.403            | 435.338            | 470.241            | 490.411            | 535.124            |
| <b>82.5</b>             | 126.801                  | 140.509           | 154.068           | 162.693           | 171.058            | 193.345            | 214.503            | 231.297            | 238.198            | 263.506            |
| <b>85.0</b>             | 47.968                   | 49.012            | 50.057            | 54.421            | 58.692             | 64.538             | 70.171             | 74.703             | 71.961             | 87.562             |
| <b>87.5</b>             | 7.693                    | 8.225             | 8.756             | 8.915             | 9.064              | 13.736             | 18.305             | 14.612             | 10.351             | 14.817             |
| <b>90.0</b>             | 0.625                    | 0.560             | 0.504             | 0.513             | 0.522              | 0.485              | 0.457              | 1.128              | 1.483              | 0.923              |
| <b>92.5</b>             | 0.000                    | 0.000             | 0.000             | 0.000             | 0.000              | 0.000              | 0.000              | 0.000              | 0.000              | 0.000              |
| <b>95.0</b>             | 0.000                    | 0.000             | 0.000             | 0.000             | 0.000              | 0.000              | 0.000              | 0.000              | 0.000              | 0.000              |
| <b>97.5</b>             | 0.000                    | 0.000             | 0.000             | 0.000             | 0.000              | 0.000              | 0.000              | 0.000              | 0.000              | 0.000              |
| <b>100.0</b>            | 0.000                    | 0.000             | 0.000             | 0.000             | 0.000              | 0.000              | 0.000              | 0.000              | 0.000              | 0.000              |
| <b>102.5</b>            | 0.000                    | 0.000             | 0.000             | 0.000             | 0.000              | 0.000              | 0.000              | 0.000              | 0.000              | 0.000              |
| <b>105.0</b>            | 0.000                    | 0.000             | 0.000             | 0.000             | 0.000              | 0.000              | 0.000              | 0.000              | 0.000              | 0.000              |
| <b>107.5</b>            | 0.000                    | 0.000             | 0.000             | 0.000             | 0.000              | 0.000              | 0.000              | 0.000              | 0.000              | 0.000              |
| <b>110.0</b>            | 0.000                    | 0.000             | 0.000             | 0.000             | 0.000              | 0.000              | 0.000              | 0.000              | 0.000              | 0.000              |
| <b>112.5</b>            | 0.000                    | 0.000             | 0.000             | 0.000             | 0.000              | 0.000              | 0.000              | 0.000              | 0.000              | 0.000              |
| <b>115.0</b>            | 0.000                    | 0.000             | 0.000             | 0.000             | 0.000              | 0.000              | 0.000              | 0.000              | 0.000              | 0.000              |
| <b>117.5</b>            | 0.000                    | 0.000             | 0.000             | 0.000             | 0.000              | 0.000              | 0.000              | 0.000              | 0.000              | 0.000              |
| <b>120.0</b>            | 0.000                    | 0.000             | 0.000             | 0.000             | 0.000              | 0.000              | 0.000              | 0.000              | 0.000              | 0.000              |
| <b>122.5</b>            | 0.000                    | 0.000             | 0.000             | 0.000             | 0.000              | 0.000              | 0.000              | 0.000              | 0.000              | 0.000              |
| <b>125.0</b>            | 0.000                    | 0.000             | 0.000             | 0.000             | 0.000              | 0.000              | 0.000              | 0.000              | 0.000              | 0.000              |
| <b>127.5</b>            | 0.000                    | 0.000             | 0.000             | 0.000             | 0.000              | 0.000              | 0.000              | 0.000              | 0.000              | 0.000              |
| <b>130.0</b>            | 0.000                    | 0.000             | 0.000             | 0.000             | 0.000              | 0.000              | 0.000              | 0.000              | 0.000              | 0.000              |

**IES ROAD REPORT**  
**PHOTOMETRIC FILENAME : ALL MD 4 UV 840.IES**

**CANDELA TABULATION - (Cont.)**

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

**Vert.  
Angles**

**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  | 1331.060    | 1331.060    | 1331.060    | 1331.060    | 1331.060    | 1331.060    | 1331.060    | 1331.060    | 1331.060    | 1331.060    |
| 2.5  | 1369.031    | 1369.693    | 1369.339    | 1368.994    | 1368.658    | 1367.642    | 1365.693    | 1363.847    | 1363.147    | 1362.252    |
| 5.0  | 1426.100    | 1424.636    | 1423.545    | 1422.519    | 1419.424    | 1419.237    | 1418.081    | 1415.283    | 1412.644    | 1410.154    |
| 7.5  | 1515.135    | 1514.221    | 1514.212    | 1511.471    | 1508.888    | 1505.363    | 1503.843    | 1500.103    | 1496.896    | 1493.203    |
| 10.0 | 1647.420    | 1644.492    | 1643.018    | 1642.543    | 1638.244    | 1634.178    | 1628.285    | 1627.735    | 1621.823    | 1616.657    |
| 12.5 | 1800.658    | 1796.349    | 1791.845    | 1789.468    | 1785.793    | 1779.397    | 1772.291    | 1771.051    | 1763.982    | 1756.084    |
| 15.0 | 1959.360    | 1954.539    | 1947.536    | 1942.099    | 1937.297    | 1928.680    | 1918.535    | 1908.790    | 1906.543    | 1896.845    |
| 17.5 | 2147.781    | 2139.258    | 2125.820    | 2113.744    | 2103.179    | 2089.714    | 2073.404    | 2058.363    | 2052.899    | 2038.977    |
| 20.0 | 2403.584    | 2389.886    | 2367.571    | 2346.123    | 2326.634    | 2303.266    | 2273.687    | 2243.203    | 2226.540    | 2202.593    |
| 22.5 | 2712.270    | 2693.909    | 2665.486    | 2637.147    | 2609.443    | 2579.015    | 2539.664    | 2495.445    | 2467.647    | 2429.209    |
| 25.0 | 3056.791    | 3036.901    | 3004.981    | 2971.560    | 2938.643    | 2904.290    | 2856.574    | 2802.480    | 2768.425    | 2722.462    |
| 27.5 | 3414.358    | 3393.647    | 3362.520    | 3328.932    | 3295.436    | 3262.398    | 3212.565    | 3155.384    | 3121.273    | 3076.056    |
| 30.0 | 3788.617    | 3766.890    | 3737.842    | 3705.951    | 3673.770    | 3642.075    | 3598.098    | 3544.768    | 3515.861    | 3478.290    |
| 32.5 | 4203.934    | 4177.814    | 4149.131    | 4119.999    | 4092.808    | 4066.521    | 4028.167    | 3978.334    | 3958.584    | 3931.905    |
| 35.0 | 4685.859    | 4642.684    | 4602.764    | 4565.707    | 4542.357    | 4526.495    | 4499.639    | 4460.343    | 4455.746    | 4445.834    |
| 37.5 | 5277.027    | 5191.069    | 5113.149    | 5042.307    | 5010.136    | 5004.532    | 4998.284    | 4982.888    | 5003.291    | 5020.030    |
| 40.0 | 5953.994    | 5814.594    | 5690.012    | 5580.938    | 5529.576    | 5526.265    | 5536.598    | 5545.121    | 5592.501    | 5638.026    |
| 42.5 | 6511.526    | 6411.488    | 6301.499    | 6177.309    | 6115.624    | 6114.300    | 6135.514    | 6163.424    | 6226.899    | 6288.249    |
| 45.0 | 7045.364    | 6937.483    | 6836.885    | 6747.169    | 6710.568    | 6733.424    | 6771.703    | 6813.358    | 6892.714    | 6972.862    |
| 47.5 | 7424.136    | 7362.489    | 7312.273    | 7279.934    | 7291.880    | 7360.969    | 7433.340    | 7497.440    | 7596.602    | 7696.202    |
| 50.0 | 7878.665    | 7860.658    | 7855.399    | 7874.030    | 7928.059    | 8037.563    | 8143.112    | 8230.264    | 8349.195    | 8463.808    |
| 52.5 | 8640.862    | 8619.573    | 8607.749    | 8617.764    | 8668.511    | 8790.827    | 8910.028    | 9013.797    | 9111.607    | 9265.022    |
| 55.0 | 9759.806    | 9685.766    | 9621.563    | 9577.763    | 9577.195    | 9668.235    | 9763.443    | 9854.175    | 9941.709    | 10090.657   |
| 57.5 | 10825.458   | 10794.238   | 10755.343   | 10726.995   | 10716.038   | 10721.904   | 10739.659   | 10774.581   | 10809.950   | 10910.287   |
| 60.0 | 12747.853   | 12472.980   | 12205.250   | 11921.835   | 11726.197   | 11811.390   | 11849.660   | 11764.224   | 11594.575   | 11283.893   |
| 62.5 | 13825.543   | 13796.151   | 13748.817   | 13590.311   | 13388.854   | 13006.883   | 12616.473   | 12222.324   | 11868.301   | 11663.337   |
| 65.0 | 13867.310   | 14067.984   | 14243.387   | 14303.039   | 14215.077   | 13630.353   | 13109.010   | 12739.983   | 12454.573   | 12449.836   |
| 67.5 | 13164.671   | 13439.423   | 13616.188   | 13329.789   | 13107.677   | 13166.154   | 13234.758   | 13282.884   | 13276.021   | 13110.074   |
| 70.0 | 10244.380   | 10685.900   | 11127.802   | 11534.466   | 11948.020   | 12220.739   | 12490.894   | 12749.196   | 12982.256   | 13027.025   |
| 72.5 | 5290.231    | 5952.679    | 6683.209    | 7951.120    | 9150.977    | 9947.500    | 10682.925   | 11025.265   | 11313.463   | 11047.477   |
| 75.0 | 2116.197    | 2632.634    | 3137.079    | 3791.265    | 4451.000    | 5290.380    | 6097.105    | 6940.150    | 7756.656    | 7925.961    |
| 77.5 | 1088.712    | 1217.892    | 1359.249    | 1664.410    | 1961.542    | 2252.500    | 2577.607    | 3338.732    | 4080.853    | 4307.395    |

**IES ROAD REPORT**  
**PHOTOMETRIC FILENAME : ALL MD 4 UV 840.IES**

**CANDELA TABULATION - (Cont.)**

|              |         |         |         |         |         |         |          |          |          |          |
|--------------|---------|---------|---------|---------|---------|---------|----------|----------|----------|----------|
| <b>80.0</b>  | 577.973 | 611.720 | 651.016 | 755.390 | 855.448 | 973.493 | 1100.089 | 1437.010 | 1776.851 | 1916.288 |
| <b>82.5</b>  | 287.825 | 294.278 | 301.263 | 338.143 | 374.930 | 430.852 | 488.117  | 596.054  | 706.509  | 743.855  |
| <b>85.0</b>  | 101.335 | 100.775 | 100.747 | 117.001 | 131.716 | 134.989 | 139.875  | 197.802  | 255.421  | 227.838  |
| <b>87.5</b>  | 18.333  | 16.459  | 14.864  | 20.916  | 26.185  | 24.003  | 22.082   | 28.954   | 36.060   | 29.281   |
| <b>90.0</b>  | 0.448   | 1.567   | 2.546   | 1.520   | 0.569   | 1.501   | 2.294    | 1.408    | 0.643    | 2.546    |
| <b>92.5</b>  | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000    | 0.000    | 0.000    | 0.000    |
| <b>95.0</b>  | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000    | 0.000    | 0.000    | 0.000    |
| <b>97.5</b>  | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000    | 0.000    | 0.000    | 0.000    |
| <b>100.0</b> | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000    | 0.000    | 0.000    | 0.000    |
| <b>102.5</b> | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000    | 0.000    | 0.000    | 0.000    |
| <b>105.0</b> | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000    | 0.000    | 0.000    | 0.000    |
| <b>107.5</b> | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000    | 0.000    | 0.000    | 0.000    |
| <b>110.0</b> | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000    | 0.000    | 0.000    | 0.000    |
| <b>112.5</b> | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000    | 0.000    | 0.000    | 0.000    |
| <b>115.0</b> | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000    | 0.000    | 0.000    | 0.000    |
| <b>117.5</b> | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000    | 0.000    | 0.000    | 0.000    |
| <b>120.0</b> | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000    | 0.000    | 0.000    | 0.000    |
| <b>122.5</b> | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000    | 0.000    | 0.000    | 0.000    |
| <b>125.0</b> | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000    | 0.000    | 0.000    | 0.000    |
| <b>127.5</b> | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000    | 0.000    | 0.000    | 0.000    |
| <b>130.0</b> | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000    | 0.000    | 0.000    | 0.000    |
| <b>132.5</b> | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000    | 0.000    | 0.000    | 0.000    |
| <b>135.0</b> | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000    | 0.000    | 0.000    | 0.000    |
| <b>137.5</b> | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000    | 0.000    | 0.000    | 0.000    |
| <b>140.0</b> | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000    | 0.000    | 0.000    | 0.000    |
| <b>142.5</b> | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000    | 0.000    | 0.000    | 0.000    |
| <b>145.0</b> | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000    | 0.000    | 0.000    | 0.000    |
| <b>147.5</b> | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000    | 0.000    | 0.000    | 0.000    |
| <b>150.0</b> | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000    | 0.000    | 0.000    | 0.000    |
| <b>152.5</b> | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000    | 0.000    | 0.000    | 0.000    |
| <b>155.0</b> | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000    | 0.000    | 0.000    | 0.000    |
| <b>157.5</b> | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000    | 0.000    | 0.000    | 0.000    |
| <b>160.0</b> | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000    | 0.000    | 0.000    | 0.000    |
| <b>162.5</b> | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000    | 0.000    | 0.000    | 0.000    |
| <b>165.0</b> | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000    | 0.000    | 0.000    | 0.000    |
| <b>167.5</b> | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000    | 0.000    | 0.000    | 0.000    |
| <b>170.0</b> | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000    | 0.000    | 0.000    | 0.000    |
| <b>172.5</b> | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000    | 0.000    | 0.000    | 0.000    |
| <b>175.0</b> | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000    | 0.000    | 0.000    | 0.000    |
| <b>177.5</b> | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000    | 0.000    | 0.000    | 0.000    |
| <b>180.0</b> | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000    | 0.000    | 0.000    | 0.000    |

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

|             | <u><b>50.0</b></u> | <u><b>52.5</b></u> | <u><b>55.0</b></u> | <u><b>57.5</b></u> | <u><b>60.0</b></u> | <u><b>62.5</b></u> | <u><b>65.0</b></u> | <u><b>67.5</b></u> | <u><b>70.0</b></u> | <u><b>72.5</b></u> |
|-------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| <b>0.0</b>  | 1331.060           | 1331.060           | 1331.060           | 1331.060           | 1331.060           | 1331.060           | 1331.060           | 1331.060           | 1331.060           | 1331.060           |
| <b>2.5</b>  | 1361.870           | 1361.758           | 1360.545           | 1358.196           | 1356.079           | 1354.204           | 1352.377           | 1350.624           | 1348.945           | 1347.677           |
| <b>5.0</b>  | 1406.723           | 1403.888           | 1401.594           | 1398.890           | 1395.244           | 1391.943           | 1389.136           | 1386.049           | 1381.256           | 1377.060           |
| <b>7.5</b>  | 1487.832           | 1482.433           | 1475.318           | 1471.410           | 1464.575           | 1458.365           | 1452.005           | 1444.377           | 1435.313           | 1430.865           |
| <b>10.0</b> | 1611.724           | 1603.294           | 1594.668           | 1582.555           | 1577.221           | 1565.444           | 1554.105           | 1543.474           | 1531.053           | 1513.970           |
| <b>12.5</b> | 1749.323           | 1742.180           | 1731.494           | 1718.392           | 1710.019           | 1697.458           | 1682.323           | 1667.879           | 1654.003           | 1634.980           |
| <b>15.0</b> | 1887.716           | 1879.109           | 1868.506           | 1855.395           | 1844.699           | 1832.819           | 1816.650           | 1799.576           | 1782.856           | 1765.269           |
| <b>17.5</b> | 2025.157           | 2014.414           | 2002.973           | 1988.547           | 1970.969           | 1961.961           | 1946.426           | 1927.599           | 1909.145           | 1891.091           |
| <b>20.0</b> | 2178.059           | 2159.717           | 2142.279           | 2123.060           | 2099.701           | 2086.842           | 2069.814           | 2049.421           | 2028.934           | 2009.043           |
| <b>22.5</b> | 2387.312           | 2350.338           | 2316.274           | 2282.863           | 2245.134           | 2221.075           | 2194.247           | 2168.249           | 2141.990           | 2118.976           |
| <b>25.0</b> | 2668.181           | 2614.982           | 2563.191           | 2508.574           | 2445.416           | 2399.826           | 2352.996           | 2308.609           | 2265.509           | 2230.465           |

**IES ROAD REPORT**  
**PHOTOMETRIC FILENAME : ALL MD 4 UV 840.IES**

**CANDELA TABULATION - (Cont.)**

|       |           |           |           |           |           |           |           |           |           |           |
|-------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 27.5  | 3016.973  | 2957.135  | 2893.389  | 2822.929  | 2733.074  | 2659.257  | 2582.391  | 2507.166  | 2434.226  | 2369.939  |
| 30.0  | 3423.077  | 3367.276  | 3301.843  | 3228.595  | 3116.061  | 3018.223  | 2908.290  | 2795.915  | 2679.604  | 2570.641  |
| 32.5  | 3888.059  | 3846.908  | 3785.670  | 3722.960  | 3598.303  | 3488.128  | 3347.433  | 3201.179  | 3036.117  | 2874.049  |
| 35.0  | 4418.222  | 4389.128  | 4343.193  | 4297.762  | 4167.576  | 4054.697  | 3886.119  | 3712.711  | 3496.689  | 3279.630  |
| 37.5  | 5012.784  | 5001.436  | 4970.188  | 4936.590  | 4815.029  | 4705.582  | 4515.482  | 4321.513  | 4051.274  | 3779.460  |
| 40.0  | 5655.100  | 5663.893  | 5653.123  | 5637.559  | 5531.870  | 5430.675  | 5233.358  | 5022.165  | 4702.616  | 4368.651  |
| 42.5  | 6324.765  | 6349.103  | 6356.023  | 6357.953  | 6271.809  | 6178.577  | 5988.282  | 5776.194  | 5430.386  | 5055.679  |
| 45.0  | 7027.479  | 7067.268  | 7083.307  | 7086.496  | 7011.747  | 6922.945  | 6743.206  | 6534.139  | 6187.147  | 5796.196  |
| 47.5  | 7767.557  | 7816.131  | 7837.131  | 7841.262  | 7769.553  | 7674.643  | 7503.175  | 7297.102  | 6959.872  | 6566.702  |
| 50.0  | 8545.980  | 8597.538  | 8621.364  | 8623.723  | 8551.128  | 8444.440  | 8271.051  | 8058.824  | 7725.707  | 7323.986  |
| 52.5  | 9352.369  | 9402.388  | 9422.698  | 9414.371  | 9331.201  | 9172.191  | 8980.208  | 8690.033  | 8289.104  | 7815.189  |
| 55.0  | 10170.032 | 10201.587 | 10169.108 | 10052.415 | 9823.356  | 9488.962  | 9129.017  | 8759.103  | 8372.703  | 7976.400  |
| 57.5  | 10869.015 | 10658.531 | 10396.853 | 10092.998 | 9816.213  | 9569.063  | 9355.138  | 9122.629  | 8847.029  | 8527.461  |
| 60.0  | 10975.758 | 10729.513 | 10539.320 | 10419.727 | 10263.151 | 10043.557 | 9842.808  | 9612.042  | 9359.810  | 9082.503  |
| 62.5  | 11486.209 | 11318.443 | 11145.035 | 10969.427 | 10769.499 | 10524.829 | 10319.539 | 10105.941 | 9888.146  | 9663.982  |
| 65.0  | 12345.843 | 12111.786 | 11873.616 | 11605.578 | 11329.996 | 11042.339 | 10801.483 | 10579.362 | 10378.343 | 10128.512 |
| 67.5  | 12963.233 | 12860.611 | 12692.239 | 12355.448 | 12022.816 | 11664.605 | 11345.849 | 11070.192 | 10843.446 | 10717.474 |
| 70.0  | 13037.795 | 12795.234 | 12572.235 | 12464.830 | 12290.462 | 11867.750 | 11481.173 | 11194.952 | 10937.190 | 10755.912 |
| 72.5  | 10922.102 | 10848.024 | 10776.427 | 10651.015 | 10568.340 | 10733.728 | 10619.767 | 10138.765 | 99685.486 | 9316.393  |
| 75.0  | 8193.784  | 8213.609  | 8147.001  | 7700.809  | 7274.022  | 7109.986  | 6603.704  | 6162.473  | 5732.199  | 5283.993  |
| 77.5  | 4596.721  | 4604.331  | 4570.416  | 4213.884  | 3855.505  | 3512.112  | 3004.720  | 2478.221  | 1951.489  | 1625.823  |
| 80.0  | 2064.163  | 2086.320  | 2070.103  | 1724.696  | 1387.933  | 1134.694  | 818.847   | 612.280   | 436.196   | 337.043   |
| 82.5  | 783.720   | 735.677   | 681.807   | 550.772   | 428.680   | 336.726   | 233.806   | 183.059   | 140.919   | 138.197   |
| 85.0  | 206.409   | 181.278   | 159.047   | 111.732   | 72.493    | 69.938    | 61.797    | 56.724    | 53.059    | 53.087    |
| 87.5  | 24.599    | 20.860    | 17.979    | 17.876    | 16.608    | 16.589    | 15.880    | 16.626    | 17.494    | 16.906    |
| 90.0  | 4.317     | 2.909     | 1.333     | 3.254     | 5.306     | 4.345     | 2.527     | 3.003     | 3.767     | 3.814     |
| 92.5  | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     |
| 95.0  | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     |
| 97.5  | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     |
| 100.0 | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     |
| 102.5 | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     |
| 105.0 | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     |
| 107.5 | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     |
| 110.0 | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     |
| 112.5 | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     |
| 115.0 | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     |
| 117.5 | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     |
| 120.0 | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     |
| 122.5 | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     |
| 125.0 | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     |
| 127.5 | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     |
| 130.0 | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     |
| 132.5 | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     |
| 135.0 | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     |
| 137.5 | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     |
| 140.0 | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     |
| 142.5 | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     |
| 145.0 | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     |
| 147.5 | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     |
| 150.0 | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     |
| 152.5 | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     |
| 155.0 | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     |
| 157.5 | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     |
| 160.0 | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     |
| 162.5 | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     |
| 165.0 | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     |

**IES ROAD REPORT**  
**PHOTOMETRIC FILENAME : ALL MD 4 UV 840.IES**

**CANDELA TABULATION - (Cont.)**

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

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

|              | <b>75.0</b>    | <b>77.5</b>    | <b>80.0</b> | <b>82.5</b> | <b>85.0</b> | <b>87.5</b> | <b>90.0</b> | <b>92.5</b> | <b>95.0</b> | <b>97.5</b> |
|--------------|----------------|----------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>0.0</b>   | 1331.060       | 1331.060       | 1331.060    | 1331.060    | 1331.060    | 1331.060    | 1331.060    | 1331.060    | 1331.060    | 1331.060    |
| <b>2.5</b>   | 1346.371       | 1344.824       | 1343.005    | 1341.122    | 1339.704    | 1337.671    | 1335.900    | 1334.062    | 1332.347    | 1330.584    |
| <b>5.0</b>   | 1373.927       | 1370.393       | 1365.730    | 1361.637    | 1357.851    | 1353.831    | 1349.645    | 1345.448    | 1341.420    | 1337.438    |
| <b>7.5</b>   | 1424.347       | 1415.339       | 1406.313    | 1399.319    | 1391.290    | 1385.052    | 1377.582    | 1369.740    | 1361.748    | 1354.177    |
| <b>10.0</b>  | 1503.936       | 1491.095       | 1477.201    | 1462.319    | 1448.061    | 1436.013    | 1422.846    | 1409.269    | 1396.391    | 1384.613    |
| <b>12.5</b>  | 1618.177       | 1599.853       | 1581.688    | 1561.145    | 1539.222    | 1516.404    | 1498.546    | 1477.528    | 1455.847    | 1435.621    |
| <b>15.0</b>  | 1744.624       | 1722.589       | 1700.432    | 1678.146    | 1651.066    | 1622.270    | 1596.720    | 1569.258    | 1539.390    | 1508.897    |
| <b>17.5</b>  | 1866.389       | 1846.425       | 1821.704    | 1796.349    | 1767.861    | 1735.746    | 1705.067    | 1672.924    | 1637.675    | 1599.275    |
| <b>20.0</b>  | 1985.190       | 1963.174       | 1937.586    | 1910.581    | 1882.345    | 1848.112    | 1810.430    | 1777.681    | 1739.831    | 1693.998    |
| <b>22.5</b>  | 2093.985       | 2070.253       | 2043.798    | 2015.981    | 1988.109    | 1952.860    | 1914.133    | 1877.132    | 1836.792    | 1786.194    |
| <b>25.0</b>  | 2197.026       | 2168.687       | 2138.465    | 2108.364    | 2078.505    | 2042.968    | 2002.842    | 1962.484    | 1918.348    | 1864.963    |
| <b>27.5</b>  | 2312.572       | 2267.010       | 2225.467    | 2187.207    | 2152.723    | 2114.724    | 2072.183    | 2029.120    | 1981.618    | 1926.088    |
| <b>30.0</b>  | 2476.123       | 2395.164       | 2325.207    | 2264.157    | 2220.432    | 2176.035    | 2130.138    | 2083.942    | 2031.955    | 1973.636    |
| <b>32.5</b>  | 2726.043       | 2590.867       | 2473.811    | 2367.179    | 2299.508    | 2234.540    | 2181.686    | 2129.448    | 2071.931    | 2009.985    |
| <b>35.0</b>  | 3070.909       | 2870.822       | 2689.712    | 2515.988    | 2406.139    | 2299.536    | 2233.272    | 2168.053    | 2103.170    | 2036.058    |
| <b>37.5</b>  | 3500.875       | 3239.281       | 2977.771    | 2724.047    | 2555.134    | 2384.701    | 2292.812    | 2204.990    | 2128.879    | 2056.582    |
| <b>40.0</b>  | 4019.541       | 3674.358       | 3337.194    | 2997.046    | 2750.586    | 2502.886    | 2366.582    | 2235.594    | 2148.555    | 2063.119    |
| <b>42.5</b>  | 4632.651       | 4206.890       | 3777.940    | 3345.456    | 3004.114    | 2669.095    | 2462.108    | 2274.293    | 2162.551    | 2061.357    |
| <b>45.0</b>  | 5331.308       | 4853.019       | 4335.472    | 3806.334    | 3356.683    | 2919.229    | 2614.152    | 2344.547    | 2188.680    | 2060.862    |
| <b>47.5</b>  | 6087.379       | 5552.413       | 5005.101    | 4403.312    | 3844.464    | 3294.634    | 2868.622    | 2493.356    | 2263.457    | 2086.506    |
| <b>50.0</b>  | 6842.060       | 6298.170       | 5726.156    | 5092.560    | 4461.742    | 3827.381    | 3274.595    | 2770.579    | 2433.480    | 2177.565    |
| <b>52.5</b>  | 7282.098       | 6707.323       | 6114.999    | 5504.734    | 4896.809    | 4286.488    | 3693.651    | 3121.879    | 2684.565    | 2329.721    |
| <b>55.0</b>  | 7556.383       | 7098.395       | 6625.543    | 6085.877    | 5525.249    | 4945.532    | 4334.251    | 3721.346    | 3176.953    | 2685.022    |
| <b>57.5</b>  | 8171.647       | 7759.426       | 7336.369    | 6838.769    | 6318.779    | 5773.453    | 5184.094    | 4576.785    | 3977.318    | 3386.943    |
| <b>60.0</b>  | 8787.125       | 8447.480       | 8097.634    | 7656.627    | 7183.048    | 6665.090    | 6098.914    | 5503.223    | 4875.996    | 4215.646    |
| <b>62.5</b>  | 9432.489       | 9170.475       | 8896.069    | 8514.853    | 8091.629    | 7601.404    | 7052.376    | 6448.732    | 5776.343    | 5008.318    |
| <b>65.0</b>  | 10075.569931   | 9703.703       | 9384.695    | 9017.164    | 8618.508    | 8174.241    | 7658.415    | 7074.194    | 6427.350    | 5722.150    |
| <b>67.5</b>  | 10603.20610498 | 10261.0337     | 9910.047    | 9510.047    | 9065.275    | 8574.609    | 8037.805    | 7452.775    | 6821.940    | 6145.680    |
| <b>70.0</b>  | 10560.42310364 | 10185.08510047 | 9825.9661   | 9406.605    | 8945.427    | 8437.557    | 7885.801    | 7296.337    | 6661.583    | 6006.666    |
| <b>72.5</b>  | 8928.426       | 8592.745       | 8008.291    | 7536.838    | 6944.141    | 6000.162    | 5034.698    | 4047.470    | 3002.193    | 2415.464    |
| <b>75.0</b>  | 4808.651       | 4371.056       | 3679.151    | 3270.259    | 2848.536    | 2235.352    | 1694.781    | 1462.654    | 1098.149    | 858.907     |
| <b>77.5</b>  | 1286.197       | 906.204        | 562.838     | 492.108     | 430.442     | 433.519     | 433.818     | 398.336     | 348.009     | 325.405     |
| <b>80.0</b>  | 254.731        | 237.153        | 215.585     | 213.608     | 211.659     | 208.740     | 207.686     | 217.776     | 220.741     | 219.604     |
| <b>82.5</b>  | 134.914        | 129.711        | 120.945     | 122.148     | 123.062     | 123.519     | 125.272     | 136.798     | 141.889     | 142.635     |
| <b>85.0</b>  | 52.323         | 52.500         | 49.842      | 50.616      | 51.241      | 54.010      | 57.535      | 65.499      | 67.373      | 67.532      |
| <b>87.5</b>  | 16.095         | 17.027         | 17.783      | 17.102      | 16.160      | 16.626      | 17.335      | 17.634      | 17.065      | 17.783      |
| <b>90.0</b>  | 3.590          | 4.000          | 3.124       | 2.742       | 2.098       | 1.287       | 0.000       | 0.000       | 0.000       | 0.000       |
| <b>92.5</b>  | 0.000          | 0.000          | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       |
| <b>95.0</b>  | 0.000          | 0.000          | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       |
| <b>97.5</b>  | 0.000          | 0.000          | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       |
| <b>100.0</b> | 0.000          | 0.000          | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       |
| <b>102.5</b> | 0.000          | 0.000          | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       |
| <b>105.0</b> | 0.000          | 0.000          | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       |
| <b>107.5</b> | 0.000          | 0.000          | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       |
| <b>110.0</b> | 0.000          | 0.000          | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       |
| <b>112.5</b> | 0.000          | 0.000          | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       | 0.000       |

**IES ROAD REPORT**  
**PHOTOMETRIC FILENAME : ALL MD 4 UV 840.IES**

**CANDELA TABULATION - (Cont.)**

|       |       |       |       |       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 115.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 117.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 120.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 122.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 125.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 127.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 130.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 132.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 135.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 137.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 140.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 142.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 145.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 147.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 150.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 152.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 155.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 157.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 160.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 162.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 165.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 170.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 172.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 175.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 177.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 180.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

**Vert. Horizontal Angles**  
**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  | 1331.060     | 1331.060     | 1331.060     | 1331.060     | 1331.060     | 1331.060     | 1331.060     | 1331.060     | 1331.060     | 1331.060     |
| 2.5  | 1328.766     | 1327.125     | 1325.856     | 1323.199     | 1321.408     | 1319.767     | 1318.145     | 1316.522     | 1314.956     | 1313.398     |
| 5.0  | 1333.475     | 1329.810     | 1326.043     | 1322.210     | 1318.350     | 1314.844     | 1311.375     | 1308.186     | 1304.829     | 1301.322     |
| 7.5  | 1346.530     | 1339.863     | 1333.540     | 1327.190     | 1320.942     | 1314.713     | 1308.894     | 1302.693     | 1297.005     | 1291.438     |
| 10.0 | 1372.416     | 1360.984     | 1349.393     | 1339.527     | 1329.409     | 1319.805     | 1310.097     | 1301.015     | 1291.513     | 1282.831     |
| 12.5 | 1416.878     | 1397.333     | 1380.119     | 1362.476     | 1346.968     | 1331.228     | 1316.429     | 1301.593     | 1288.799     | 1275.874     |
| 15.0 | 1481.080     | 1452.154     | 1425.550     | 1397.892     | 1373.768     | 1350.614     | 1328.757     | 1307.962     | 1288.594     | 1270.224     |
| 17.5 | 1561.145     | 1522.297     | 1484.605     | 1445.813     | 1408.616     | 1375.577     | 1342.903     | 1314.256     | 1286.085     | 1262.381     |
| 20.0 | 1647.765     | 1599.704     | 1552.286     | 1501.903     | 1450.914     | 1406.107     | 1360.657     | 1322.052     | 1284.183     | 1251.863     |
| 22.5 | 1734.254     | 1678.780     | 1620.955     | 1562.227     | 1500.598     | 1442.195     | 1384.399     | 1332.403     | 1283.325     | 1239.554     |
| 25.0 | 1807.092     | 1745.258     | 1680.057     | 1613.337     | 1542.551     | 1473.219     | 1405.296     | 1341.149     | 1281.096     | 1225.221     |
| 27.5 | 1862.706     | 1795.501     | 1723.521     | 1649.509     | 1570.880     | 1493.082     | 1416.141     | 1341.383     | 1272.322     | 1205.070     |
| 30.0 | 1904.883     | 1832.829     | 1753.296     | 1671.982     | 1585.278     | 1498.975     | 1413.847     | 1329.922     | 1253.196     | 1176.489     |
| 32.5 | 1935.739     | 1858.678     | 1770.435     | 1681.176     | 1587.208     | 1493.035     | 1399.291     | 1306.041     | 1222.834     | 1139.795     |
| 35.0 | 1955.135     | 1872.497     | 1776.450     | 1679.377     | 1577.324     | 1477.817     | 1374.132     | 1273.571     | 1184.396     | 1093.636     |
| 37.5 | 1966.074     | 1878.102     | 1773.876     | 1668.914     | 1559.112     | 1448.601     | 1340.935     | 1233.698     | 1138.834     | 1043.785     |
| 40.0 | 1968.675     | 1873.579     | 1763.889     | 1651.588     | 1535.212     | 1417.726     | 1303.467     | 1190.019     | 1090.708     | 992.851      |
| 42.5 | 1961.103     | 1861.251     | 1746.162     | 1626.802     | 1505.186     | 1382.319     | 1263.202     | 1145.362     | 1042.097     | 942.114      |
| 45.0 | 1950.053     | 1844.252     | 1725.405     | 1601.373     | 1474.348     | 1345.402     | 1221.146     | 1099.100     | 992.870      | 894.678      |
| 47.5 | 1951.219     | 1832.708     | 1706.932     | 1577.314     | 1446.317     | 1314.116     | 1185.748     | 1059.646     | 949.154      | 848.575      |
| 50.0 | 1996.492     | 1855.125     | 1712.480     | 1570.004     | 1428.553     | 1287.400     | 1153.642     | 1025.358     | 911.603      | 809.121      |
| 52.5 | 2085.919     | 1919.253     | 1756.961     | 1599.079     | 1440.806     | 1281.199     | 1134.172     | 997.402      | 878.051      | 775.439      |
| 55.0 | 2322.335     | 2064.527     | 1835.878     | 1645.825     | 1462.151     | 1287.932     | 1127.570     | 984.953      | 857.891      | 747.660      |
| 57.5 | 2901.483     | 2518.627     | 2183.822     | 1922.768     | 1665.408     | 1419.918     | 1199.652     | 1010.961     | 850.832      | 730.791      |
| 60.0 | 3615.778     | 3088.692     | 2631.356     | 2287.283     | 1956.087     | 1653.033     | 1373.237     | 1129.285     | 917.002      | 755.661      |

**IES ROAD REPORT**  
**PHOTOMETRIC FILENAME : ALL MD 4 UV 840.IES**

**CANDELA TABULATION - (Cont.)**

|       |          |          |          |          |          |          |          |          |         |         |
|-------|----------|----------|----------|----------|----------|----------|----------|----------|---------|---------|
| 62.5  | 4281.117 | 3623.173 | 3044.305 | 2605.163 | 2189.044 | 1819.886 | 1478.441 | 1189.273 | 941.377 | 771.168 |
| 65.0  | 4638.759 | 3869.120 | 3190.996 | 2660.264 | 2173.499 | 1758.453 | 1383.886 | 1097.077 | 859.467 | 721.233 |
| 67.5  | 3972.245 | 3298.299 | 2701.714 | 2218.912 | 1787.062 | 1443.146 | 1137.827 | 915.314  | 732.507 | 641.420 |
| 70.0  | 3045.228 | 2526.040 | 2057.142 | 1658.442 | 1312.000 | 1069.111 | 853.536  | 706.704  | 583.307 | 524.531 |
| 72.5  | 1916.204 | 1611.966 | 1345.943 | 1104.640 | 900.217  | 756.472  | 626.668  | 528.289  | 446.817 | 418.916 |
| 75.0  | 686.106  | 637.177  | 601.136  | 568.238  | 536.961  | 474.447  | 418.655  | 373.830  | 341.155 | 353.138 |
| 77.5  | 309.301  | 312.835  | 317.507  | 315.418  | 313.050  | 303.277  | 295.630  | 292.488  | 292.982 | 310.187 |
| 80.0  | 219.389  | 222.345  | 224.686  | 216.471  | 210.596  | 215.025  | 219.035  | 218.597  | 218.531 | 225.562 |
| 82.5  | 144.025  | 148.202  | 152.622  | 153.471  | 155.000  | 155.382  | 154.795  | 148.072  | 142.300 | 145.265 |
| 85.0  | 67.709   | 71.374   | 75.533   | 72.362   | 70.208   | 70.777   | 71.691   | 68.576   | 66.002  | 70.534  |
| 87.5  | 18.669   | 18.967   | 19.210   | 19.331   | 19.760   | 20.412   | 20.823   | 21.541   | 21.252  | 22.940  |
| 90.0  | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000   | 0.000   |
| 92.5  | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000   | 0.000   |
| 95.0  | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000   | 0.000   |
| 97.5  | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000   | 0.000   |
| 100.0 | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000   | 0.000   |
| 102.5 | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000   | 0.000   |
| 105.0 | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000   | 0.000   |
| 107.5 | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000   | 0.000   |
| 110.0 | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000   | 0.000   |
| 112.5 | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000   | 0.000   |
| 115.0 | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000   | 0.000   |
| 117.5 | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000   | 0.000   |
| 120.0 | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000   | 0.000   |
| 122.5 | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000   | 0.000   |
| 125.0 | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000   | 0.000   |
| 127.5 | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000   | 0.000   |
| 130.0 | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000   | 0.000   |
| 132.5 | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000   | 0.000   |
| 135.0 | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000   | 0.000   |
| 137.5 | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000   | 0.000   |
| 140.0 | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000   | 0.000   |
| 142.5 | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000   | 0.000   |
| 145.0 | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000   | 0.000   |
| 147.5 | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000   | 0.000   |
| 150.0 | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000   | 0.000   |
| 152.5 | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000   | 0.000   |
| 155.0 | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000   | 0.000   |
| 157.5 | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000   | 0.000   |
| 160.0 | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000   | 0.000   |
| 162.5 | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000   | 0.000   |
| 165.0 | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000   | 0.000   |
| 167.5 | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000   | 0.000   |
| 170.0 | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000   | 0.000   |
| 172.5 | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000   | 0.000   |
| 175.0 | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000   | 0.000   |
| 177.5 | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000   | 0.000   |
| 180.0 | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000   | 0.000   |

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

|     | <u>125.0</u> | <u>127.5</u> | <u>130.0</u> | <u>132.5</u> | <u>135.0</u> | <u>137.5</u> | <u>140.0</u> | <u>142.5</u> | <u>145.0</u> | <u>147.5</u> |
|-----|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| 0.0 | 1331.060     | 1331.060     | 1331.060     | 1331.060     | 1331.060     | 1331.060     | 1331.060     | 1331.060     | 1331.060     | 1331.060     |
| 2.5 | 1311.841     | 1310.992     | 1310.470     | 1308.484     | 1307.458     | 1306.060     | 1304.651     | 1303.253     | 1301.984     | 1300.912     |
| 5.0 | 1297.788     | 1294.823     | 1291.858     | 1289.116     | 1286.841     | 1283.269     | 1280.863     | 1278.765     | 1276.676     | 1274.075     |
| 7.5 | 1285.824     | 1280.239     | 1274.634     | 1269.972     | 1265.645     | 1261.775     | 1256.702     | 1252.609     | 1249.354     | 1246.221     |



**IES ROAD REPORT**  
**PHOTOMETRIC FILENAME : ALL MD 4 UV 840.IES**

**CANDELA TABULATION - (Cont.)**

|       |          |          |          |          |          |          |          |          |          |          |
|-------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 10.0  | 1274.765 | 1266.745 | 1259.099 | 1251.434 | 1245.111 | 1239.442 | 1233.166 | 1227.813 | 1222.936 | 1219.309 |
| 12.5  | 1264.451 | 1253.504 | 1243.134 | 1233.213 | 1224.055 | 1217.034 | 1210.273 | 1203.000 | 1196.789 | 1192.481 |
| 15.0  | 1253.094 | 1238.742 | 1224.503 | 1211.765 | 1198.915 | 1190.476 | 1182.764 | 1174.288 | 1167.425 | 1162.277 |
| 17.5  | 1238.770 | 1220.130 | 1201.731 | 1185.795 | 1170.483 | 1158.967 | 1150.062 | 1140.028 | 1132.465 | 1126.143 |
| 20.0  | 1221.361 | 1196.435 | 1174.027 | 1153.680 | 1135.058 | 1119.681 | 1109.507 | 1097.944 | 1090.102 | 1082.838 |
| 22.5  | 1200.790 | 1167.341 | 1139.832 | 1114.272 | 1092.470 | 1073.177 | 1062.369 | 1049.594 | 1042.432 | 1035.429 |
| 25.0  | 1176.936 | 1132.885 | 1099.240 | 1067.330 | 1042.199 | 1018.458 | 1008.200 | 995.388  | 990.585  | 986.119  |
| 27.5  | 1147.134 | 1092.209 | 1053.007 | 1014.579 | 986.622  | 958.731  | 949.350  | 937.703  | 935.633  | 934.934  |
| 30.0  | 1110.570 | 1045.733 | 1001.365 | 956.932  | 927.632  | 898.837  | 888.906  | 878.835  | 880.345  | 884.747  |
| 32.5  | 1066.789 | 995.481  | 947.308  | 900.142  | 869.211  | 840.686  | 831.296  | 824.171  | 828.965  | 838.187  |
| 35.0  | 1017.385 | 942.273  | 890.873  | 843.194  | 812.664  | 786.620  | 778.936  | 775.821  | 783.692  | 797.036  |
| 37.5  | 964.550  | 888.178  | 835.259  | 788.671  | 759.773  | 737.673  | 732.143  | 732.926  | 743.492  | 760.193  |
| 40.0  | 911.463  | 834.849  | 781.603  | 737.477  | 711.190  | 693.985  | 690.880  | 694.992  | 706.844  | 724.543  |
| 42.5  | 859.271  | 783.477  | 730.921  | 690.386  | 667.213  | 655.221  | 654.363  | 660.518  | 672.127  | 688.539  |
| 45.0  | 809.000  | 734.838  | 683.793  | 647.901  | 627.740  | 619.991  | 620.663  | 628.869  | 638.417  | 653.142  |
| 47.5  | 761.853  | 689.435  | 639.928  | 608.820  | 591.298  | 586.738  | 588.734  | 597.565  | 606.554  | 619.441  |
| 50.0  | 721.485  | 650.484  | 601.463  | 573.861  | 557.933  | 555.145  | 557.579  | 566.373  | 574.150  | 584.556  |
| 52.5  | 686.712  | 616.690  | 567.557  | 542.407  | 527.152  | 525.091  | 526.881  | 534.005  | 540.197  | 549.588  |
| 55.0  | 654.727  | 586.533  | 537.073  | 513.313  | 497.899  | 495.428  | 496.435  | 502.972  | 509.210  | 519.347  |
| 57.5  | 630.221  | 561.524  | 510.367  | 487.026  | 471.164  | 469.122  | 469.999  | 476.181  | 481.384  | 489.050  |
| 60.0  | 626.836  | 550.082  | 491.278  | 467.350  | 450.211  | 447.404  | 446.630  | 450.435  | 454.333  | 462.184  |
| 62.5  | 631.153  | 555.565  | 495.820  | 469.066  | 448.374  | 442.518  | 438.443  | 440.121  | 445.632  | 460.151  |
| 65.0  | 605.640  | 551.975  | 507.774  | 485.590  | 468.945  | 468.087  | 467.770  | 468.889  | 475.109  | 490.504  |
| 67.5  | 559.080  | 517.911  | 486.662  | 483.128  | 482.662  | 490.001  | 497.862  | 507.252  | 519.971  | 538.062  |
| 70.0  | 469.644  | 457.522  | 451.199  | 459.527  | 469.271  | 482.643  | 497.852  | 519.533  | 545.251  | 587.764  |
| 72.5  | 395.091  | 401.488  | 410.309  | 426.703  | 443.590  | 464.683  | 488.509  | 523.599  | 565.235  | 641.597  |
| 75.0  | 365.176  | 378.670  | 389.524  | 388.517  | 390.335  | 413.620  | 442.807  | 506.021  | 574.597  | 689.453  |
| 77.5  | 319.857  | 315.950  | 310.560  | 302.951  | 299.678  | 322.617  | 353.735  | 440.821  | 530.192  | 684.856  |
| 80.0  | 224.751  | 215.715  | 208.899  | 214.382  | 221.879  | 243.410  | 269.399  | 338.274  | 402.271  | 502.282  |
| 82.5  | 143.586  | 141.908  | 140.985  | 148.519  | 156.660  | 170.508  | 187.097  | 233.274  | 275.199  | 341.015  |
| 85.0  | 71.607   | 72.231   | 72.959   | 79.104   | 85.044   | 89.874   | 95.367   | 123.640  | 142.421  | 172.596  |
| 87.5  | 23.424   | 24.982   | 25.746   | 26.781   | 28.012   | 30.250   | 32.759   | 34.381   | 33.150   | 43.091   |
| 90.0  | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 92.5  | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 95.0  | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 97.5  | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 100.0 | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 102.5 | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 105.0 | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 107.5 | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 110.0 | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 112.5 | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 115.0 | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 117.5 | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 120.0 | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 122.5 | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 125.0 | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 127.5 | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 130.0 | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 132.5 | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 135.0 | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 137.5 | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 140.0 | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 142.5 | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 145.0 | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 147.5 | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |

**IES ROAD REPORT**  
**PHOTOMETRIC FILENAME : ALL MD 4 UV 840.IES**

**CANDELA TABULATION - (Cont.)**

|              |       |       |       |       |       |       |       |       |       |       |
|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| <b>150.0</b> | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| <b>152.5</b> | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| <b>155.0</b> | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| <b>157.5</b> | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| <b>160.0</b> | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| <b>162.5</b> | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| <b>165.0</b> | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| <b>167.5</b> | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| <b>170.0</b> | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| <b>172.5</b> | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| <b>175.0</b> | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| <b>177.5</b> | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| <b>180.0</b> | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

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

|             | <b>150.0</b> | <b>152.5</b> | <b>155.0</b> | <b>157.5</b> | <b>160.0</b> | <b>162.5</b> | <b>165.0</b> | <b>167.5</b> | <b>170.0</b> | <b>172.5</b> |
|-------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| <b>0.0</b>  | 1331.060     | 1331.060     | 1331.060     | 1331.060     | 1331.060     | 1331.060     | 1331.060     | 1331.060     | 1331.060     | 1331.060     |
| <b>2.5</b>  | 1299.868     | 1298.842     | 1298.264     | 1297.844     | 1297.443     | 1297.033     | 1296.455     | 1295.895     | 1295.373     | 1295.168     |
| <b>5.0</b>  | 1271.426     | 1268.946     | 1267.370     | 1265.850     | 1264.563     | 1263.584     | 1262.624     | 1261.756     | 1260.973     | 1260.227     |
| <b>7.5</b>  | 1242.873     | 1239.395     | 1236.075     | 1234.210     | 1232.420     | 1230.788     | 1229.212     | 1227.608     | 1226.247     | 1224.923     |
| <b>10.0</b> | 1215.710     | 1211.886     | 1208.072     | 1204.995     | 1202.533     | 1200.305     | 1199.036     | 1197.815     | 1196.612     | 1195.428     |
| <b>12.5</b> | 1188.667     | 1184.946     | 1181.319     | 1178.121     | 1176.172     | 1174.269     | 1173.365     | 1172.572     | 1172.115     | 1171.891     |
| <b>15.0</b> | 1158.902     | 1155.563     | 1152.272     | 1149.073     | 1148.271     | 1147.581     | 1147.525     | 1147.693     | 1147.656     | 1147.413     |
| <b>17.5</b> | 1123.150     | 1120.240     | 1117.443     | 1114.701     | 1114.533     | 1114.841     | 1115.335     | 1115.979     | 1116.687     | 1117.433     |
| <b>20.0</b> | 1080.572     | 1078.408     | 1076.851     | 1075.452     | 1076.366     | 1078.119     | 1079.947     | 1081.812     | 1083.546     | 1085.038     |
| <b>22.5</b> | 1035.271     | 1035.532     | 1036.315     | 1037.322     | 1040.213     | 1044.130     | 1047.999     | 1051.804     | 1055.301     | 1058.098     |
| <b>25.0</b> | 989.084      | 993.504      | 998.661      | 1004.237     | 1010.989     | 1018.616     | 1025.927     | 1032.744     | 1038.898     | 1043.402     |
| <b>27.5</b> | 942.711      | 953.323      | 965.138      | 977.726      | 991.210      | 1005.487     | 1019.139     | 1031.671     | 1043.048     | 1051.105     |
| <b>30.0</b> | 898.259      | 916.125      | 936.351      | 958.368      | 981.018      | 1004.284     | 1026.552     | 1046.815     | 1065.381     | 1078.352     |
| <b>32.5</b> | 857.341      | 882.630      | 911.472      | 943.587      | 976.188      | 1009.338     | 1040.950     | 1069.046     | 1095.025     | 1113.135     |
| <b>35.0</b> | 820.171      | 850.832      | 885.772      | 925.413      | 966.201      | 1008.704     | 1049.025     | 1083.761     | 1116.184     | 1138.872     |
| <b>37.5</b> | 785.286      | 818.241      | 855.876      | 899.639      | 945.173      | 993.868      | 1040.586     | 1081.691     | 1120.361     | 1147.507     |
| <b>40.0</b> | 749.599      | 782.946      | 820.544      | 864.539      | 911.202      | 963.571      | 1014.206     | 1059.189     | 1101.935     | 1132.866     |
| <b>42.5</b> | 711.525      | 743.268      | 779.001      | 821.719      | 867.421      | 920.331      | 971.954      | 1019.027     | 1064.113     | 1097.543     |
| <b>45.0</b> | 673.461      | 702.368      | 734.987      | 775.206      | 818.474      | 870.041      | 920.508      | 966.816      | 1011.371     | 1044.633     |
| <b>47.5</b> | 636.739      | 661.842      | 690.153      | 725.989      | 765.163      | 814.641      | 863.551      | 910.111      | 955.225      | 989.522      |
| <b>50.0</b> | 598.581      | 620.038      | 644.796      | 678.142      | 715.153      | 764.715      | 814.399      | 864.595      | 913.188      | 948.436      |
| <b>52.5</b> | 562.372      | 582.980      | 606.563      | 638.809      | 674.720      | 724.879      | 774.824      | 823.164      | 869.388      | 899.890      |
| <b>55.0</b> | 532.066      | 551.546      | 572.434      | 598.180      | 628.393      | 678.133      | 729.896      | 792.420      | 854.319      | 907.947      |
| <b>57.5</b> | 499.447      | 518.144      | 539.806      | 572.536      | 612.597      | 687.943      | 772.595      | 915.249      | 1060.579     | 1218.209     |
| <b>60.0</b> | 473.290      | 495.475      | 525.781      | 590.673      | 675.242      | 863.887      | 1075.452     | 1443.454     | 1812.388     | 2162.104     |
| <b>62.5</b> | 478.279      | 510.712      | 560.572      | 694.377      | 858.702      | 1205.079     | 1570.489     | 2083.774     | 2588.378     | 2978.731     |
| <b>65.0</b> | 511.448      | 558.073      | 624.505      | 799.945      | 998.717      | 1363.091     | 1730.077     | 2133.178     | 2522.804     | 2747.788     |
| <b>67.5</b> | 560.955      | 607.002      | 664.574      | 796.252      | 937.685      | 1172.833     | 1403.739     | 1613.132     | 1814.244     | 1902.822     |
| <b>70.0</b> | 632.627      | 686.516      | 739.556      | 779.822      | 824.983      | 939.792      | 1051.562     | 1145.921     | 1237.148     | 1286.514     |
| <b>72.5</b> | 717.242      | 778.274      | 830.708      | 815.266      | 805.111      | 853.415      | 901.131      | 949.425      | 995.798      | 1007.482     |
| <b>75.0</b> | 795.926      | 811.918      | 828.163      | 862.684      | 899.247      | 945.229      | 990.632      | 1021.088     | 1050.107     | 1048.046     |
| <b>77.5</b> | 826.465      | 829.291      | 837.357      | 899.685      | 964.373      | 1058.108     | 1149.773     | 1168.525     | 1186.345     | 1175.938     |
| <b>80.0</b> | 599.374      | 679.820      | 763.074      | 863.066      | 965.837      | 1089.029     | 1208.082     | 1230.648     | 1251.872     | 1231.534     |
| <b>82.5</b> | 406.551      | 503.737      | 598.180      | 732.619      | 856.762      | 942.198      | 1023.298     | 1074.930     | 1124.837     | 1102.700     |
| <b>85.0</b> | 199.583      | 274.090      | 343.943      | 426.134      | 503.485      | 577.870      | 648.983      | 640.357      | 631.983      | 631.405      |
| <b>87.5</b> | 52.854       | 52.957       | 49.413       | 47.563       | 68.418       | 103.172      | 133.562      | 109.867      | 89.856       | 106.809      |
| <b>90.0</b> | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| <b>92.5</b> | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| <b>95.0</b> | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |

**IES ROAD REPORT**  
**PHOTOMETRIC FILENAME : ALL MD 4 UV 840.IES**

**CANDELA TABULATION - (Cont.)**

|       |       |       |       |       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 97.5  | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 100.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 102.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 105.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 107.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 110.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 112.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 115.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 117.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 120.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 122.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 125.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 127.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 130.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 132.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 135.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 137.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 140.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 142.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 145.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 147.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 150.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 152.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 155.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 157.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 160.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 162.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 165.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 170.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 172.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 175.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 177.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 180.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

**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  | 1331.060     | 1331.060     | 1331.060     | 1331.060     | 1331.060     | 1331.060     | 1331.060     | 1331.060     | 1331.060     | 1331.060     |
| 2.5  | 1295.187     | 1295.233     | 1295.298     | 1295.233     | 1295.187     | 1295.168     | 1295.373     | 1295.895     | 1296.455     | 1297.033     |
| 5.0  | 1260.171     | 1260.311     | 1260.488     | 1260.311     | 1260.171     | 1260.227     | 1260.973     | 1261.756     | 1262.624     | 1263.584     |
| 7.5  | 1224.391     | 1224.559     | 1224.764     | 1224.559     | 1224.391     | 1224.923     | 1226.247     | 1227.608     | 1229.212     | 1230.788     |
| 10.0 | 1194.775     | 1194.915     | 1195.101     | 1194.915     | 1194.775     | 1195.428     | 1196.612     | 1197.815     | 1199.036     | 1200.305     |
| 12.5 | 1171.789     | 1171.845     | 1171.910     | 1171.845     | 1171.789     | 1171.891     | 1172.115     | 1172.572     | 1173.365     | 1174.269     |
| 15.0 | 1147.441     | 1148.215     | 1149.027     | 1148.215     | 1147.441     | 1147.413     | 1147.656     | 1147.693     | 1147.525     | 1147.572     |
| 17.5 | 1118.245     | 1119.196     | 1120.184     | 1119.196     | 1118.245     | 1117.433     | 1116.687     | 1115.979     | 1115.326     | 1114.832     |
| 20.0 | 1086.558     | 1087.985     | 1089.458     | 1087.985     | 1086.558     | 1085.038     | 1083.546     | 1081.812     | 1079.947     | 1078.119     |
| 22.5 | 1060.691     | 1061.996     | 1063.320     | 1061.996     | 1060.691     | 1058.098     | 1055.301     | 1051.804     | 1047.999     | 1044.130     |
| 25.0 | 1047.794     | 1051.403     | 1055.021     | 1051.403     | 1047.794     | 1043.402     | 1038.898     | 1032.744     | 1025.927     | 1018.616     |
| 27.5 | 1058.788     | 1063.889     | 1068.971     | 1063.889     | 1058.788     | 1051.105     | 1043.048     | 1031.671     | 1019.139     | 1005.487     |
| 30.0 | 1090.633     | 1097.842     | 1104.994     | 1097.842     | 1090.633     | 1078.352     | 1065.381     | 1046.815     | 1026.552     | 1004.284     |
| 32.5 | 1130.265     | 1139.329     | 1148.336     | 1139.329     | 1130.265     | 1113.135     | 1095.025     | 1069.046     | 1040.940     | 1009.329     |
| 35.0 | 1160.468     | 1171.938     | 1183.380     | 1171.938     | 1160.468     | 1138.872     | 1116.184     | 1083.761     | 1049.016     | 1008.695     |
| 37.5 | 1173.346     | 1185.972     | 1198.626     | 1185.972     | 1173.337     | 1147.507     | 1120.361     | 1081.691     | 1040.586     | 993.868      |
| 40.0 | 1162.464     | 1176.405     | 1190.374     | 1176.395     | 1162.455     | 1132.866     | 1101.935     | 1059.189     | 1014.196     | 963.571      |
| 42.5 | 1129.603     | 1143.805     | 1158.062     | 1143.805     | 1129.603     | 1097.543     | 1064.113     | 1019.027     | 971.945      | 920.322      |

**IES ROAD REPORT**  
**PHOTOMETRIC FILENAME : ALL MD 4 UV 840.IES**

**CANDELA TABULATION - (Cont.)**

|       |          |          |          |          |          |          |          |          |          |          |
|-------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 45.0  | 1076.702 | 1091.445 | 1106.262 | 1091.445 | 1076.702 | 1044.633 | 1011.371 | 966.807  | 920.508  | 870.041  |
| 47.5  | 1022.701 | 1038.022 | 1053.408 | 1038.012 | 1022.691 | 989.513  | 955.225  | 910.111  | 863.551  | 814.632  |
| 50.0  | 982.641  | 998.922  | 1015.250 | 998.922  | 982.641  | 948.436  | 913.179  | 864.586  | 814.399  | 764.715  |
| 52.5  | 929.469  | 943.364  | 957.482  | 943.364  | 929.469  | 899.881  | 869.379  | 823.155  | 774.824  | 724.870  |
| 55.0  | 960.727  | 993.001  | 1025.163 | 993.001  | 960.727  | 907.947  | 854.319  | 792.420  | 729.896  | 678.133  |
| 57.5  | 1374.235 | 1482.116 | 1589.083 | 1482.116 | 1374.235 | 1218.209 | 1060.579 | 915.249  | 772.586  | 687.933  |
| 60.0  | 2498.158 | 2714.377 | 2920.749 | 2714.368 | 2506.168 | 2162.095 | 1812.379 | 1443.445 | 1075.443 | 863.877  |
| 62.5  | 3354.258 | 3534.846 | 3708.590 | 3534.846 | 3360.348 | 2978.722 | 2588.368 | 2083.765 | 1570.479 | 1205.070 |
| 65.0  | 2965.005 | 3018.736 | 3071.832 | 3018.726 | 2966.693 | 2747.770 | 2522.786 | 2133.159 | 1730.058 | 1363.082 |
| 67.5  | 1989.256 | 1991.009 | 1993.965 | 1990.999 | 1989.349 | 1902.813 | 1814.235 | 1613.122 | 1403.720 | 1172.824 |
| 70.0  | 1334.911 | 1306.041 | 1278.756 | 1306.032 | 1334.249 | 1286.505 | 1237.138 | 1145.912 | 1051.552 | 939.783  |
| 72.5  | 1018.868 | 1018.318 | 1018.010 | 1018.318 | 1018.859 | 1007.482 | 995.798  | 949.425  | 901.131  | 853.415  |
| 75.0  | 1045.817 | 1055.208 | 1064.272 | 1055.208 | 1045.976 | 1048.046 | 1050.023 | 1021.088 | 990.632  | 945.238  |
| 77.5  | 1165.793 | 1167.378 | 1168.777 | 1167.378 | 1165.812 | 1175.938 | 1186.047 | 1168.525 | 1149.773 | 1058.108 |
| 80.0  | 1211.849 | 1193.600 | 1175.593 | 1193.600 | 1211.653 | 1231.534 | 1251.434 | 1230.648 | 1208.809 | 1089.029 |
| 82.5  | 1081.486 | 1040.670 | 1000.451 | 1040.670 | 1081.168 | 1102.700 | 1124.502 | 1074.930 | 1024.547 | 942.189  |
| 85.0  | 632.338  | 578.747  | 525.995  | 578.747  | 632.067  | 631.396  | 632.002  | 640.348  | 648.917  | 577.861  |
| 87.5  | 122.288  | 85.883   | 50.644   | 85.883   | 122.223  | 106.809  | 89.921   | 109.858  | 133.422  | 103.162  |
| 90.0  | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 92.5  | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 95.0  | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 97.5  | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 100.0 | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 102.5 | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 105.0 | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 107.5 | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 110.0 | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 112.5 | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 115.0 | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 117.5 | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 120.0 | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 122.5 | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 125.0 | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 127.5 | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 130.0 | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 132.5 | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 135.0 | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 137.5 | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 140.0 | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 142.5 | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 145.0 | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 147.5 | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 150.0 | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 152.5 | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 155.0 | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 157.5 | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 160.0 | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 162.5 | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 165.0 | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 167.5 | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 170.0 | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 172.5 | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 175.0 | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 177.5 | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 180.0 | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |

**IES ROAD REPORT**  
**PHOTOMETRIC FILENAME : ALL MD 4 UV 840.IES**

**CANDELA TABULATION - (Cont.)**

| <b>Vert.<br/>Angles</b> | <b>Horizontal Angles</b> |                     |                     |                     |                     |                     |                     |                     |                     |                     |
|-------------------------|--------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
|                         | <u><b>200.0</b></u>      | <u><b>202.5</b></u> | <u><b>205.0</b></u> | <u><b>207.5</b></u> | <u><b>210.0</b></u> | <u><b>212.5</b></u> | <u><b>215.0</b></u> | <u><b>217.5</b></u> | <u><b>220.0</b></u> | <u><b>222.5</b></u> |
| <b>0.0</b>              | 1331.060                 | 1331.060            | 1331.060            | 1331.060            | 1331.060            | 1331.060            | 1331.060            | 1331.060            | 1331.060            | 1331.060            |
| <b>2.5</b>              | 1297.443                 | 1297.844            | 1298.264            | 1298.842            | 1299.868            | 1300.912            | 1301.984            | 1303.253            | 1304.651            | 1306.060            |
| <b>5.0</b>              | 1264.563                 | 1265.850            | 1267.370            | 1268.946            | 1271.426            | 1274.075            | 1276.676            | 1278.765            | 1280.863            | 1283.269            |
| <b>7.5</b>              | 1232.420                 | 1234.210            | 1236.075            | 1239.395            | 1242.873            | 1246.221            | 1249.354            | 1252.497            | 1256.702            | 1261.775            |
| <b>10.0</b>             | 1202.533                 | 1204.995            | 1208.072            | 1211.886            | 1215.710            | 1219.309            | 1222.936            | 1227.813            | 1233.166            | 1239.442            |
| <b>12.5</b>             | 1176.172                 | 1178.121            | 1181.319            | 1184.946            | 1188.667            | 1192.481            | 1196.789            | 1203.000            | 1210.273            | 1217.034            |
| <b>15.0</b>             | 1148.271                 | 1149.054            | 1152.262            | 1155.563            | 1158.902            | 1162.277            | 1167.425            | 1174.288            | 1182.764            | 1190.476            |
| <b>17.5</b>             | 1114.533                 | 1114.701            | 1117.443            | 1120.240            | 1123.150            | 1126.143            | 1132.465            | 1140.028            | 1150.062            | 1158.967            |
| <b>20.0</b>             | 1076.366                 | 1075.452            | 1076.851            | 1078.408            | 1080.572            | 1082.838            | 1090.102            | 1097.944            | 1109.507            | 1119.681            |
| <b>22.5</b>             | 1040.213                 | 1037.322            | 1036.306            | 1035.532            | 1035.262            | 1035.187            | 1042.432            | 1049.594            | 1062.369            | 1073.177            |
| <b>25.0</b>             | 1010.989                 | 1004.237            | 998.661             | 993.504             | 989.084             | 986.119             | 990.585             | 995.164             | 1008.200            | 1018.458            |
| <b>27.5</b>             | 991.210                  | 977.726             | 965.138             | 953.323             | 942.711             | 934.925             | 935.633             | 937.703             | 949.350             | 958.237             |
| <b>30.0</b>             | 981.009                  | 958.368             | 936.351             | 916.125             | 898.259             | 884.747             | 880.336             | 878.825             | 888.906             | 898.837             |
| <b>32.5</b>             | 976.188                  | 943.578             | 911.463             | 882.621             | 857.341             | 838.187             | 828.955             | 824.171             | 831.296             | 840.686             |
| <b>35.0</b>             | 966.191                  | 925.413             | 885.763             | 850.822             | 820.162             | 797.026             | 783.692             | 775.821             | 778.936             | 786.620             |
| <b>37.5</b>             | 945.163                  | 899.639             | 855.876             | 818.231             | 785.286             | 760.193             | 743.492             | 732.926             | 732.134             | 737.663             |
| <b>40.0</b>             | 911.202                  | 864.539             | 820.535             | 782.946             | 749.590             | 724.534             | 706.844             | 694.992             | 690.880             | 693.976             |
| <b>42.5</b>             | 867.412                  | 821.710             | 779.001             | 743.258             | 711.516             | 688.539             | 672.127             | 660.518             | 654.363             | 655.221             |
| <b>45.0</b>             | 818.474                  | 775.206             | 734.987             | 702.368             | 673.461             | 653.132             | 638.417             | 628.869             | 620.663             | 619.991             |
| <b>47.5</b>             | 765.163                  | 725.989             | 690.143             | 661.833             | 636.739             | 619.432             | 606.554             | 597.565             | 588.734             | 586.738             |
| <b>50.0</b>             | 715.144                  | 678.142             | 644.796             | 620.038             | 598.581             | 584.556             | 574.150             | 566.373             | 557.579             | 555.145             |
| <b>52.5</b>             | 674.720                  | 638.809             | 606.563             | 582.980             | 562.372             | 549.588             | 540.197             | 534.005             | 526.881             | 525.081             |
| <b>55.0</b>             | 628.393                  | 598.180             | 572.424             | 551.546             | 532.066             | 519.347             | 509.210             | 502.972             | 496.435             | 495.428             |
| <b>57.5</b>             | 612.587                  | 572.536             | 539.796             | 518.134             | 499.447             | 489.050             | 481.384             | 476.181             | 469.999             | 469.122             |
| <b>60.0</b>             | 675.242                  | 590.673             | 525.781             | 495.475             | 473.281             | 462.184             | 454.333             | 450.435             | 446.630             | 447.404             |
| <b>62.5</b>             | 858.702                  | 694.377             | 560.563             | 510.712             | 478.279             | 460.151             | 445.632             | 440.121             | 438.443             | 442.518             |
| <b>65.0</b>             | 998.717                  | 799.945             | 624.505             | 558.073             | 511.448             | 490.504             | 475.118             | 468.898             | 467.770             | 468.087             |
| <b>67.5</b>             | 937.685                  | 796.252             | 664.574             | 607.002             | 560.964             | 538.071             | 519.981             | 507.252             | 497.862             | 490.001             |
| <b>70.0</b>             | 824.983                  | 779.812             | 739.556             | 686.516             | 632.627             | 587.764             | 545.251             | 519.533             | 497.852             | 482.643             |
| <b>72.5</b>             | 805.111                  | 815.266             | 830.708             | 778.274             | 717.242             | 641.597             | 565.235             | 523.589             | 488.499             | 464.674             |
| <b>75.0</b>             | 899.247                  | 862.684             | 828.163             | 811.918             | 795.926             | 689.453             | 574.588             | 506.012             | 442.798             | 413.610             |
| <b>77.5</b>             | 964.373                  | 899.685             | 837.348             | 829.282             | 826.456             | 684.847             | 530.182             | 440.811             | 353.735             | 322.617             |
| <b>80.0</b>             | 965.837                  | 863.057             | 763.074             | 679.811             | 599.364             | 502.272             | 402.262             | 338.264             | 269.399             | 243.410             |
| <b>82.5</b>             | 859.448                  | 732.609             | 603.337             | 503.727             | 406.542             | 341.006             | 275.190             | 233.265             | 187.097             | 170.508             |
| <b>85.0</b>             | 504.995                  | 426.125             | 345.985             | 274.080             | 201.784             | 172.587             | 143.502             | 123.631             | 96.402              | 89.865              |
| <b>87.5</b>             | 68.697                   | 57.554              | 49.506              | 52.957              | 52.882              | 43.091              | 33.290              | 34.381              | 32.787              | 30.250              |
| <b>90.0</b>             | 0.000                    | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               |
| <b>92.5</b>             | 0.000                    | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               |
| <b>95.0</b>             | 0.000                    | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               |
| <b>97.5</b>             | 0.000                    | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               |
| <b>100.0</b>            | 0.000                    | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               |
| <b>102.5</b>            | 0.000                    | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               |
| <b>105.0</b>            | 0.000                    | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               |
| <b>107.5</b>            | 0.000                    | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               |
| <b>110.0</b>            | 0.000                    | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               |
| <b>112.5</b>            | 0.000                    | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               |
| <b>115.0</b>            | 0.000                    | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               |
| <b>117.5</b>            | 0.000                    | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               |
| <b>120.0</b>            | 0.000                    | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               |
| <b>122.5</b>            | 0.000                    | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               |
| <b>125.0</b>            | 0.000                    | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               |
| <b>127.5</b>            | 0.000                    | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               |
| <b>130.0</b>            | 0.000                    | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               |

**IES ROAD REPORT**  
**PHOTOMETRIC FILENAME : ALL MD 4 UV 840.IES**

**CANDELA TABULATION - (Cont.)**

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

**Vert. Horizontal Angles**

|      | <u>225.0</u> | <u>227.5</u> | <u>230.0</u> | <u>232.5</u> | <u>235.0</u> | <u>237.5</u> | <u>240.0</u> | <u>242.5</u> | <u>245.0</u> | <u>247.5</u> |
|------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| 0.0  | 1331.060     | 1331.060     | 1331.060     | 1331.060     | 1331.060     | 1331.060     | 1331.060     | 1331.060     | 1331.060     | 1331.060     |
| 2.5  | 1307.458     | 1308.484     | 1310.470     | 1310.992     | 1311.841     | 1313.408     | 1314.965     | 1316.522     | 1318.145     | 1319.767     |
| 5.0  | 1286.841     | 1289.116     | 1291.858     | 1294.823     | 1297.788     | 1301.322     | 1304.829     | 1308.186     | 1311.375     | 1314.853     |
| 7.5  | 1265.654     | 1269.972     | 1274.644     | 1280.248     | 1285.834     | 1291.447     | 1297.014     | 1302.693     | 1308.894     | 1314.639     |
| 10.0 | 1245.111     | 1251.434     | 1259.099     | 1266.745     | 1274.765     | 1282.831     | 1291.513     | 1301.015     | 1310.097     | 1319.805     |
| 12.5 | 1224.055     | 1233.222     | 1243.144     | 1253.513     | 1264.461     | 1275.884     | 1288.808     | 1300.987     | 1316.429     | 1331.228     |
| 15.0 | 1198.915     | 1211.765     | 1224.503     | 1238.742     | 1253.094     | 1270.224     | 1288.594     | 1307.971     | 1328.766     | 1350.624     |
| 17.5 | 1170.483     | 1185.795     | 1201.731     | 1220.130     | 1238.780     | 1262.381     | 1286.095     | 1314.256     | 1342.903     | 1375.577     |
| 20.0 | 1135.058     | 1153.680     | 1174.027     | 1196.435     | 1221.361     | 1251.863     | 1284.183     | 1322.061     | 1360.667     | 1406.107     |
| 22.5 | 1092.470     | 1114.272     | 1139.832     | 1167.350     | 1200.790     | 1239.554     | 1283.325     | 1332.403     | 1384.408     | 1442.205     |
| 25.0 | 1042.199     | 1067.330     | 1099.240     | 1132.885     | 1176.936     | 1225.221     | 1281.096     | 1341.159     | 1405.305     | 1473.229     |
| 27.5 | 986.622      | 1014.579     | 1053.007     | 1092.209     | 1147.134     | 1205.070     | 1272.331     | 1341.392     | 1416.150     | 1493.091     |
| 30.0 | 927.632      | 955.775      | 1001.365     | 1045.743     | 1110.580     | 1176.498     | 1253.196     | 1329.922     | 1413.857     | 1498.984     |
| 32.5 | 869.211      | 900.142      | 947.308      | 995.481      | 1066.789     | 1138.219     | 1222.843     | 1306.050     | 1399.300     | 1493.035     |
| 35.0 | 812.664      | 843.194      | 890.873      | 942.273      | 1017.385     | 1093.636     | 1184.396     | 1271.977     | 1374.132     | 1474.758     |
| 37.5 | 759.773      | 788.662      | 835.259      | 888.178      | 964.550      | 1043.785     | 1138.834     | 1233.698     | 1340.935     | 1448.601     |
| 40.0 | 711.180      | 737.477      | 781.603      | 834.849      | 911.463      | 992.842      | 1090.708     | 1190.019     | 1303.467     | 1417.726     |
| 42.5 | 667.204      | 690.386      | 730.921      | 783.477      | 859.271      | 942.114      | 1042.097     | 1145.362     | 1263.202     | 1382.319     |
| 45.0 | 627.740      | 647.901      | 683.793      | 734.838      | 809.000      | 894.678      | 992.870      | 1099.100     | 1221.146     | 1345.402     |
| 47.5 | 591.298      | 608.820      | 639.928      | 689.435      | 761.853      | 848.575      | 949.154      | 1059.646     | 1185.748     | 1314.116     |
| 50.0 | 557.933      | 573.861      | 601.463      | 650.475      | 721.485      | 809.121      | 911.603      | 1025.358     | 1153.642     | 1287.410     |
| 52.5 | 527.152      | 542.407      | 567.557      | 616.690      | 686.712      | 775.439      | 878.061      | 997.402      | 1134.172     | 1281.199     |
| 55.0 | 497.899      | 513.313      | 537.073      | 586.533      | 654.727      | 747.669      | 857.900      | 984.962      | 1127.570     | 1287.932     |
| 57.5 | 471.164      | 487.026      | 510.367      | 561.524      | 630.221      | 730.800      | 850.841      | 1010.970     | 1199.671     | 1419.936     |
| 60.0 | 450.211      | 467.350      | 491.278      | 550.082      | 626.836      | 755.670      | 917.011      | 1129.295     | 1373.255     | 1653.052     |
| 62.5 | 448.374      | 469.066      | 495.829      | 555.574      | 631.163      | 771.168      | 941.377      | 1189.283     | 1478.451     | 1819.895     |
| 65.0 | 468.945      | 485.590      | 507.774      | 551.975      | 605.640      | 721.233      | 859.467      | 1097.068     | 1383.877     | 1758.443     |
| 67.5 | 482.662      | 483.128      | 486.662      | 517.911      | 559.080      | 641.420      | 732.497      | 915.305      | 1137.799     | 1443.118     |
| 70.0 | 469.271      | 459.527      | 451.199      | 457.512      | 469.635      | 524.522      | 583.297      | 706.686      | 853.517      | 1069.093     |
| 72.5 | 443.590      | 426.703      | 410.309      | 401.479      | 395.082      | 418.907      | 446.807      | 528.280      | 626.659      | 756.453      |
| 75.0 | 390.326      | 388.517      | 389.524      | 378.670      | 365.176      | 353.138      | 341.155      | 373.830      | 418.646      | 474.428      |
| 77.5 | 299.668      | 302.941      | 310.550      | 315.950      | 319.848      | 310.177      | 292.973      | 292.479      | 295.630      | 303.277      |

**IES ROAD REPORT**  
**PHOTOMETRIC FILENAME : ALL MD 4 UV 840.IES**

**CANDELA TABULATION - (Cont.)**

|       |         |         |         |         |         |         |         |         |         |         |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 80.0  | 221.870 | 214.382 | 208.899 | 215.715 | 224.742 | 225.553 | 218.522 | 218.587 | 219.035 | 215.025 |
| 82.5  | 156.660 | 148.519 | 140.985 | 141.899 | 143.586 | 145.265 | 142.300 | 148.072 | 154.786 | 155.373 |
| 85.0  | 85.044  | 79.104  | 72.949  | 72.222  | 71.597  | 70.534  | 66.002  | 68.576  | 71.691  | 70.767  |
| 87.5  | 28.068  | 26.781  | 25.774  | 24.972  | 23.480  | 22.940  | 21.289  | 21.541  | 20.860  | 20.412  |
| 90.0  | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 92.5  | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 95.0  | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 97.5  | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 100.0 | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 102.5 | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 105.0 | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 107.5 | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 110.0 | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 112.5 | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 115.0 | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 117.5 | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 120.0 | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 122.5 | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 125.0 | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 127.5 | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 130.0 | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 132.5 | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 135.0 | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 137.5 | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 140.0 | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 142.5 | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 145.0 | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 147.5 | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 150.0 | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 152.5 | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 155.0 | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 157.5 | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 160.0 | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 162.5 | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 165.0 | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 167.5 | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 170.0 | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 172.5 | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 175.0 | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 177.5 | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 180.0 | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |

**Vert. Angles**      **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  | 1331.060     | 1331.060     | 1331.060     | 1331.060     | 1331.060     | 1331.060     | 1331.060     | 1331.060     | 1331.060     | 1331.060     |
| 2.5  | 1321.408     | 1323.199     | 1325.856     | 1327.125     | 1328.766     | 1330.584     | 1332.347     | 1334.062     | 1335.900     | 1337.671     |
| 5.0  | 1318.359     | 1322.220     | 1326.043     | 1329.820     | 1333.475     | 1337.438     | 1341.420     | 1345.448     | 1349.645     | 1353.831     |
| 7.5  | 1320.942     | 1327.190     | 1333.540     | 1339.863     | 1346.539     | 1354.186     | 1361.758     | 1369.740     | 1377.582     | 1385.052     |
| 10.0 | 1329.409     | 1339.536     | 1349.393     | 1360.984     | 1372.416     | 1384.613     | 1396.391     | 1409.269     | 1422.855     | 1436.013     |
| 12.5 | 1346.968     | 1362.485     | 1380.128     | 1397.333     | 1416.878     | 1435.621     | 1455.856     | 1477.537     | 1498.555     | 1516.404     |
| 15.0 | 1373.778     | 1397.892     | 1425.550     | 1452.164     | 1481.090     | 1508.906     | 1539.399     | 1569.267     | 1596.729     | 1621.739     |
| 17.5 | 1408.625     | 1445.823     | 1484.615     | 1522.306     | 1561.154     | 1599.284     | 1637.675     | 1672.933     | 1705.076     | 1735.756     |
| 20.0 | 1450.383     | 1501.912     | 1552.295     | 1599.713     | 1647.774     | 1694.007     | 1739.840     | 1777.690     | 1810.439     | 1848.122     |
| 22.5 | 1500.607     | 1562.236     | 1620.965     | 1678.789     | 1734.264     | 1786.204     | 1836.801     | 1877.141     | 1914.143     | 1952.869     |
| 25.0 | 1542.560     | 1613.346     | 1680.067     | 1745.267     | 1807.101     | 1864.972     | 1918.348     | 1962.493     | 2002.851     | 2042.977     |

**IES ROAD REPORT**  
**PHOTOMETRIC FILENAME : ALL MD 4 UV 840.IES**

**CANDELA TABULATION - (Cont.)**

|       |          |          |          |          |          |          |          |          |          |          |
|-------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 27.5  | 1570.880 | 1649.518 | 1723.521 | 1795.501 | 1862.706 | 1926.088 | 1981.618 | 2029.120 | 2072.183 | 2114.724 |
| 30.0  | 1585.278 | 1671.982 | 1753.305 | 1832.838 | 1904.892 | 1973.636 | 2031.955 | 2083.942 | 2130.147 | 2176.035 |
| 32.5  | 1587.218 | 1681.186 | 1770.445 | 1858.678 | 1935.749 | 2009.994 | 2071.940 | 2129.457 | 2181.696 | 2234.550 |
| 35.0  | 1577.333 | 1679.386 | 1776.450 | 1872.497 | 1955.135 | 2036.058 | 2103.170 | 2168.053 | 2233.282 | 2299.545 |
| 37.5  | 1559.112 | 1666.405 | 1773.876 | 1877.673 | 1966.083 | 2054.363 | 2128.888 | 2202.164 | 2292.812 | 2384.710 |
| 40.0  | 1535.212 | 1651.588 | 1763.889 | 1873.579 | 1968.675 | 2063.119 | 2148.555 | 2235.594 | 2366.582 | 2502.886 |
| 42.5  | 1505.186 | 1626.802 | 1746.162 | 1861.261 | 1961.103 | 2061.347 | 2162.551 | 2274.293 | 2462.117 | 2669.113 |
| 45.0  | 1474.348 | 1601.373 | 1725.405 | 1844.252 | 1950.053 | 2060.862 | 2188.689 | 2344.557 | 2614.161 | 2919.247 |
| 47.5  | 1446.317 | 1577.314 | 1706.932 | 1832.708 | 1951.219 | 2086.506 | 2263.467 | 2493.365 | 2868.650 | 3294.672 |
| 50.0  | 1428.553 | 1570.004 | 1712.490 | 1855.134 | 1996.501 | 2177.574 | 2433.508 | 2770.597 | 3274.632 | 3827.409 |
| 52.5  | 1440.806 | 1599.088 | 1756.970 | 1919.253 | 2085.928 | 2329.730 | 2684.584 | 3121.907 | 3693.698 | 4286.535 |
| 55.0  | 1462.160 | 1645.835 | 1835.897 | 2064.564 | 2322.373 | 2685.068 | 3177.009 | 3721.402 | 4334.325 | 4945.588 |
| 57.5  | 1665.436 | 1922.796 | 2183.850 | 2518.664 | 2901.539 | 3387.008 | 3977.392 | 4576.859 | 5184.159 | 5773.518 |
| 60.0  | 1956.115 | 2287.320 | 2631.394 | 3088.748 | 3615.834 | 4215.711 | 4876.061 | 5503.298 | 6098.998 | 6665.156 |
| 62.5  | 2189.062 | 2605.191 | 3044.342 | 3623.219 | 4281.173 | 5008.374 | 5776.418 | 6448.816 | 7052.460 | 7601.470 |
| 65.0  | 2173.490 | 2660.255 | 3190.996 | 3869.110 | 4638.749 | 5582.160 | 6607.378 | 7440.231 | 8158.471 | 8714.306 |
| 67.5  | 1787.034 | 2218.874 | 2701.676 | 3298.243 | 3972.170 | 5000.597 | 6191.875 | 7275.719 | 8297.777 | 9043.590 |
| 70.0  | 1311.972 | 1658.405 | 2057.104 | 2525.975 | 3045.153 | 3896.563 | 4893.462 | 6160.216 | 7385.680 | 8337.436 |
| 72.5  | 900.189  | 1104.602 | 1345.896 | 1611.882 | 1916.092 | 2415.334 | 3002.025 | 4047.227 | 5034.418 | 5999.845 |
| 75.0  | 536.943  | 568.210  | 601.099  | 637.140  | 686.050  | 858.823  | 1098.019 | 1462.468 | 1694.558 | 2235.100 |
| 77.5  | 313.040  | 315.399  | 317.488  | 312.816  | 309.292  | 325.387  | 347.981  | 398.308  | 433.780  | 433.473  |
| 80.0  | 210.586  | 216.461  | 224.677  | 222.336  | 219.389  | 219.594  | 220.732  | 217.767  | 207.677  | 208.731  |
| 82.5  | 154.991  | 153.471  | 152.622  | 148.193  | 144.015  | 142.635  | 141.889  | 136.798  | 125.272  | 123.519  |
| 85.0  | 70.199   | 72.362   | 75.533   | 71.374   | 67.700   | 67.522   | 67.364   | 65.499   | 57.535   | 54.010   |
| 87.5  | 19.778   | 19.331   | 19.228   | 18.967   | 18.687   | 17.783   | 17.102   | 17.634   | 17.345   | 16.626   |
| 90.0  | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 1.287    |
| 92.5  | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 95.0  | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 97.5  | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 100.0 | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 102.5 | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 105.0 | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 107.5 | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 110.0 | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 112.5 | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 115.0 | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 117.5 | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 120.0 | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 122.5 | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 125.0 | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 127.5 | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 130.0 | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 132.5 | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 135.0 | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 137.5 | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 140.0 | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 142.5 | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 145.0 | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 147.5 | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 150.0 | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 152.5 | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 155.0 | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 157.5 | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 160.0 | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 162.5 | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |
| 165.0 | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    | 0.000    |



**IES ROAD REPORT**  
**PHOTOMETRIC FILENAME : ALL MD 4 UV 840.IES**

**CANDELA TABULATION - (Cont.)**

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

**Vert.  
Angles**

**Horizontal Angles**

|              | <b><u>275.0</u></b> | <b><u>277.5</u></b> | <b><u>280.0</u></b> | <b><u>282.5</u></b> | <b><u>285.0</u></b> | <b><u>287.5</u></b> | <b><u>290.0</u></b> | <b><u>292.5</u></b> | <b><u>295.0</u></b> | <b><u>297.5</u></b> |
|--------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| <b>0.0</b>   | 1331.060            | 1331.060            | 1331.060            | 1331.060            | 1331.060            | 1331.060            | 1331.060            | 1331.060            | 1331.060            | 1331.060            |
| <b>2.5</b>   | 1339.704            | 1341.122            | 1343.005            | 1344.824            | 1346.371            | 1347.677            | 1348.945            | 1350.624            | 1352.377            | 1354.204            |
| <b>5.0</b>   | 1357.851            | 1361.637            | 1365.740            | 1370.402            | 1373.927            | 1377.060            | 1381.256            | 1386.059            | 1389.136            | 1391.952            |
| <b>7.5</b>   | 1391.290            | 1399.319            | 1406.313            | 1415.339            | 1424.347            | 1430.865            | 1435.323            | 1444.387            | 1452.014            | 1458.374            |
| <b>10.0</b>  | 1448.061            | 1462.319            | 1477.201            | 1491.105            | 1503.945            | 1513.970            | 1531.062            | 1543.483            | 1554.114            | 1565.453            |
| <b>12.5</b>  | 1539.222            | 1561.145            | 1581.688            | 1599.862            | 1618.186            | 1634.990            | 1654.013            | 1667.888            | 1682.333            | 1697.467            |
| <b>15.0</b>  | 1651.075            | 1678.024            | 1700.432            | 1722.206            | 1744.633            | 1765.278            | 1782.865            | 1799.576            | 1816.659            | 1832.829            |
| <b>17.5</b>  | 1767.871            | 1796.359            | 1821.713            | 1846.434            | 1866.399            | 1891.101            | 1909.154            | 1927.608            | 1946.426            | 1961.961            |
| <b>20.0</b>  | 1882.354            | 1910.590            | 1937.595            | 1963.183            | 1985.199            | 2009.053            | 2028.943            | 2049.430            | 2069.824            | 2086.851            |
| <b>22.5</b>  | 1988.118            | 2015.990            | 2043.807            | 2070.262            | 2093.994            | 2118.985            | 2141.999            | 2168.258            | 2194.256            | 2221.084            |
| <b>25.0</b>  | 2078.515            | 2108.364            | 2138.465            | 2168.687            | 2197.026            | 2230.475            | 2265.518            | 2308.618            | 2353.005            | 2399.835            |
| <b>27.5</b>  | 2152.723            | 2187.216            | 2225.477            | 2267.019            | 2312.581            | 2369.949            | 2434.245            | 2507.185            | 2582.410            | 2659.276            |
| <b>30.0</b>  | 2220.432            | 2264.157            | 2325.217            | 2395.173            | 2476.142            | 2570.660            | 2679.623            | 2795.933            | 2908.309            | 3018.241            |
| <b>32.5</b>  | 2299.517            | 2367.198            | 2473.829            | 2590.877            | 2726.061            | 2874.077            | 3036.136            | 3201.198            | 3347.461            | 3488.156            |
| <b>35.0</b>  | 2406.148            | 2516.006            | 2689.722            | 2870.841            | 3070.928            | 3279.658            | 3496.716            | 3712.749            | 3886.156            | 4054.724            |
| <b>37.5</b>  | 2555.143            | 2724.066            | 2977.790            | 3231.402            | 3500.903            | 3776.271            | 4051.312            | 4318.286            | 4515.519            | 4705.628            |
| <b>40.0</b>  | 2750.605            | 2997.074            | 3337.222            | 3674.395            | 4019.569            | 4368.688            | 4702.653            | 5022.212            | 5233.405            | 5430.722            |
| <b>42.5</b>  | 3004.133            | 3345.493            | 3777.968            | 4206.918            | 4632.679            | 5055.717            | 5430.432            | 5776.241            | 5988.329            | 6178.624            |
| <b>45.0</b>  | 3356.711            | 3806.372            | 4335.510            | 4853.056            | 5331.354            | 5796.243            | 6187.193            | 6534.195            | 6743.253            | 6922.992            |
| <b>47.5</b>  | 3844.511            | 4403.358            | 5005.156            | 5552.469            | 6087.425            | 6566.758            | 6959.919            | 7297.158            | 7503.221            | 7674.690            |
| <b>50.0</b>  | 4461.789            | 5092.606            | 5726.203            | 6298.226            | 6842.098            | 7324.032            | 7725.753            | 8058.870            | 8271.098            | 8444.496            |
| <b>52.5</b>  | 4896.847            | 5504.762            | 6115.018            | 6707.333            | 7282.088            | 7815.189            | 8289.104            | 8690.042            | 8980.236            | 9172.238            |
| <b>55.0</b>  | 5525.305            | 6085.933            | 6625.590            | 7098.442            | 7556.430            | 7976.428            | 8372.703            | 8759.103            | 9128.998            | 9488.952            |
| <b>57.5</b>  | 6318.844            | 6838.824            | 7336.425            | 7759.472            | 8171.684            | 8527.498            | 8847.056            | 9122.657            | 9355.166            | 9569.091            |
| <b>60.0</b>  | 7183.113            | 7656.692            | 8097.681            | 8447.536            | 8787.181            | 9082.541            | 9359.838            | 9612.070            | 9842.836            | 10043.585           |
| <b>62.5</b>  | 8091.704            | 8514.928            | 8896.125            | 9170.531            | 9432.536            | 9664.020            | 9888.174            | 10105.978           | 10319.567           | 10524.857           |
| <b>65.0</b>  | 9168.582            | 9507.239            | 9784.760            | 9931.768            | 10075.616           | 10218.550           | 10378.371           | 10579.390           | 10801.502           | 11042.367           |
| <b>67.5</b>  | 9654.284            | 10047.287           | 10337.210           | 10498.085           | 10603.224           | 10717.502           | 10843.474           | 11070.220           | 11345.867           | 11664.643           |
| <b>70.0</b>  | 9154.334            | 9661.521            | 10046.942           | 10364.010           | 10560.367           | 10755.875           | 10937.171           | 111194.942          | 11481.173           | 11867.732           |
| <b>72.5</b>  | 6943.833            | 7536.540            | 8007.993            | 8592.484            | 8928.184            | 9316.179            | 9685.299            | 10138.606           | 10619.618           | 110733.579          |
| <b>75.0</b>  | 2848.275            | 3269.942            | 3678.787            | 4370.702            | 4808.324            | 5283.676            | 5731.882            | 6162.137            | 6603.331            | 7109.641            |
| <b>77.5</b>  | 430.395             | 492.052             | 562.773             | 906.054             | 1285.964            | 1625.571            | 1951.238            | 2477.998            | 3004.534            | 3511.935            |
| <b>80.0</b>  | 211.650             | 213.598             | 215.575             | 237.144             | 254.712             | 337.015             | 436.158             | 612.224             | 818.744             | 1134.573            |
| <b>82.5</b>  | 123.062             | 122.139             | 120.936             | 129.701             | 134.905             | 138.187             | 140.910             | 183.040             | 233.796             | 336.698             |
| <b>85.0</b>  | 51.232              | 50.616              | 49.833              | 52.490              | 52.323              | 53.087              | 53.059              | 56.715              | 61.787              | 69.928              |
| <b>87.5</b>  | 16.179              | 17.093              | 17.764              | 17.027              | 16.123              | 16.906              | 17.484              | 16.626              | 15.918              | 16.589              |
| <b>90.0</b>  | 2.098               | 2.742               | 3.124               | 4.000               | 3.590               | 3.814               | 3.767               | 3.003               | 2.527               | 4.336               |
| <b>92.5</b>  | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               |
| <b>95.0</b>  | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               |
| <b>97.5</b>  | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               |
| <b>100.0</b> | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               |
| <b>102.5</b> | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               |
| <b>105.0</b> | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               |
| <b>107.5</b> | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               |
| <b>110.0</b> | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               |
| <b>112.5</b> | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               | 0.000               |

**IES ROAD REPORT**  
**PHOTOMETRIC FILENAME : ALL MD 4 UV 840.IES**

**CANDELA TABULATION - (Cont.)**

|       |       |       |       |       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 115.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 117.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 120.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 122.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 125.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 127.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 130.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 132.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 135.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 137.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 140.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 142.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 145.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 147.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 150.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 152.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 155.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 157.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 160.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 162.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 165.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 170.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 172.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 175.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 177.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 180.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

**Vert. 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  | 1331.060     | 1331.060     | 1331.060     | 1331.060     | 1331.060     | 1331.060     | 1331.060     | 1331.060     | 1331.060     | 1331.060     |
| 2.5  | 1356.079     | 1358.196     | 1360.545     | 1361.758     | 1361.870     | 1362.252     | 1363.147     | 1363.847     | 1365.693     | 1367.651     |
| 5.0  | 1395.253     | 1398.899     | 1401.594     | 1403.897     | 1406.732     | 1410.164     | 1412.654     | 1415.293     | 1418.081     | 1419.246     |
| 7.5  | 1464.575     | 1471.420     | 1475.327     | 1482.442     | 1487.841     | 1493.203     | 1496.896     | 1499.954     | 1503.843     | 1505.372     |
| 10.0 | 1577.231     | 1582.564     | 1594.668     | 1603.294     | 1611.733     | 1616.666     | 1621.832     | 1627.744     | 1628.294     | 1634.188     |
| 12.5 | 1710.028     | 1718.402     | 1731.494     | 1742.180     | 1749.323     | 1755.758     | 1763.982     | 1771.051     | 1772.300     | 1779.406     |
| 15.0 | 1844.709     | 1855.405     | 1868.516     | 1879.118     | 1887.716     | 1896.845     | 1906.552     | 1908.790     | 1918.544     | 1928.680     |
| 17.5 | 1970.969     | 1988.556     | 2002.982     | 2014.424     | 2025.166     | 2038.977     | 2052.899     | 2058.363     | 2073.404     | 2089.714     |
| 20.0 | 2099.701     | 2123.069     | 2142.288     | 2159.726     | 2178.068     | 2202.602     | 2226.549     | 2243.213     | 2273.696     | 2303.275     |
| 22.5 | 2245.143     | 2282.872     | 2316.283     | 2350.348     | 2387.331     | 2429.218     | 2467.656     | 2495.463     | 2539.673     | 2579.025     |
| 25.0 | 2445.425     | 2508.584     | 2563.200     | 2614.991     | 2668.200     | 2722.480     | 2768.434     | 2802.489     | 2856.583     | 2904.299     |
| 27.5 | 2733.092     | 2822.948     | 2893.408     | 2957.153     | 3016.992     | 3076.075     | 3121.292     | 3155.403     | 3212.574     | 3262.202     |
| 30.0 | 3116.079     | 3228.623     | 3301.861     | 3367.295     | 3423.105     | 3478.318     | 3515.879     | 3544.087     | 3598.117     | 3642.084     |
| 32.5 | 3598.331     | 3722.997     | 3785.698     | 3844.306     | 3888.087     | 3930.739     | 3958.602     | 3978.362     | 4028.186     | 4066.539     |
| 35.0 | 4167.613     | 4297.547     | 4343.231     | 4389.166     | 4418.260     | 4445.862     | 4455.774     | 4460.371     | 4499.667     | 4526.514     |
| 37.5 | 4815.076     | 4936.627     | 4970.234     | 5001.482     | 5012.822     | 5020.067     | 5003.319     | 4982.916     | 4998.312     | 5004.550     |
| 40.0 | 5531.916     | 5637.606     | 5653.169     | 5663.930     | 5655.137     | 5638.063     | 5592.538     | 5545.149     | 5536.635     | 5526.293     |
| 42.5 | 6271.855     | 6358.000     | 6356.069     | 6349.150     | 6324.812     | 6288.286     | 6226.937     | 6163.461     | 6135.542     | 6114.328     |
| 45.0 | 7011.785     | 7086.543     | 7083.354     | 7067.315     | 7027.525     | 6972.909     | 6892.760     | 6813.395     | 6771.740     | 6733.452     |
| 47.5 | 7769.599     | 7841.309     | 7837.187     | 7816.187     | 7767.604     | 7696.249     | 7596.649     | 7497.477     | 7433.377     | 7360.997     |
| 50.0 | 8551.184     | 8623.779     | 8621.419     | 8597.594     | 8546.027     | 8463.855     | 8349.241     | 8230.310     | 8143.150     | 8037.600     |
| 52.5 | 9331.248     | 9414.417     | 9422.745     | 9402.435     | 9352.425     | 9265.078     | 9111.653     | 9013.843     | 8910.075     | 8790.873     |
| 55.0 | 9823.347     | 10052.434    | 10169.146    | 10201.643    | 10170.078    | 10090.704    | 9994.1756    | 9854.222     | 9763.490     | 9668.281     |
| 57.5 | 9816.222     | 10092.988    | 10396.834    | 10658.531    | 10869.043    | 10910.334    | 10810.016    | 10774.637    | 10739.724    | 10721.960    |
| 60.0 | 10263.170    | 10419.755    | 10539.358    | 10729.532    | 10975.758    | 11283.893    | 11594.602    | 11764.262    | 11849.707    | 11811.446    |

**IES ROAD REPORT**  
**PHOTOMETRIC FILENAME : ALL MD 4 UV 840.IES**

**CANDELA TABULATION - (Cont.)**

|       |  |
|-------|--|
| 62.5  | 10769.52610969.45411145.07211318.48911486.25511663.36511868.29112222.33412616.50113006.930 |
| 65.0  | 11330.02411605.61511873.65312111.83212345.88012449.87312454.62912740.02013109.02013630.334 |
| 67.5  | 12022.87212355.48512692.25812860.63912963.25113110.09213276.04013282.89413234.73913166.117 |
| 70.0  | 12290.41512464.76512572.15212795.15913037.74913026.98812982.21812749.15912490.84712220.683 |
| 72.5  | 10568.16210650.84710776.27810847.87510921.93411047.30011313.29511025.10610682.7859947.341  |
| 75.0  | 7273.705 7700.538 8146.768 8213.413 8193.607 7925.774 7756.460 6939.926 6096.872 5290.166  |
| 77.5  | 3855.328 4213.716 4570.238 4604.135 4596.507 4307.190 4080.657 3338.592 2577.514 2252.426  |
| 80.0  | 1387.821 1724.584 2069.991 2086.208 2064.042 1916.194 1776.795 1436.955 1100.042 973.446   |
| 82.5  | 428.652 550.725 681.751 735.621 783.664 743.809 706.471 596.026 488.089 430.834            |
| 85.0  | 72.483 111.714 159.029 181.250 206.372 227.810 255.402 197.783 139.866 134.979             |
| 87.5  | 16.608 17.876 18.007 20.860 24.497 29.281 35.929 28.954 22.296 24.003                      |
| 90.0  | 5.297 3.254 1.343 2.909 4.308 2.546 0.662 1.408 2.294 1.501                                |
| 92.5  | 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000                                |
| 95.0  | 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000                                |
| 97.5  | 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000                                |
| 100.0 | 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000                                |
| 102.5 | 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000                                |
| 105.0 | 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000                                |
| 107.5 | 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000                                |
| 110.0 | 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000                                |
| 112.5 | 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000                                |
| 115.0 | 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000                                |
| 117.5 | 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000                                |
| 120.0 | 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000                                |
| 122.5 | 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000                                |
| 125.0 | 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000                                |
| 127.5 | 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000                                |
| 130.0 | 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000                                |
| 132.5 | 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000                                |
| 135.0 | 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000                                |
| 137.5 | 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000                                |
| 140.0 | 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000                                |
| 142.5 | 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000                                |
| 145.0 | 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000                                |
| 147.5 | 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000                                |
| 150.0 | 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000                                |
| 152.5 | 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000                                |
| 155.0 | 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000                                |
| 157.5 | 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000                                |
| 160.0 | 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000                                |
| 162.5 | 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000                                |
| 165.0 | 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000                                |
| 167.5 | 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000                                |
| 170.0 | 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000                                |
| 172.5 | 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000                                |
| 175.0 | 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000                                |
| 177.5 | 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000                                |
| 180.0 | 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000                                |

**Vert. Angles**      **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 | 1331.060     | 1331.060     | 1331.060     | 1331.060     | 1331.060     | 1331.060     | 1331.060     | 1331.060     | 1331.060     | 1331.060     |
| 2.5 | 1368.668     | 1368.994     | 1369.339     | 1369.693     | 1369.031     | 1370.449     | 1371.670     | 1372.295     | 1372.286     | 1372.827     |
| 5.0 | 1419.424     | 1422.519     | 1423.545     | 1424.646     | 1426.100     | 1426.520     | 1427.070     | 1427.471     | 1427.704     | 1426.529     |
| 7.5 | 1508.897     | 1511.480     | 1514.212     | 1514.221     | 1515.135     | 1516.935     | 1516.777     | 1517.178     | 1514.007     | 1514.483     |

**IES ROAD REPORT**  
**PHOTOMETRIC FILENAME : ALL MD 4 UV 840.IES**

**CANDELA TABULATION - (Cont.)**

|       |           |           |           |           |           |           |           |           |           |           |
|-------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 10.0  | 1638.253  | 1642.552  | 1643.018  | 1644.492  | 1647.420  | 1648.744  | 1649.695  | 1651.635  | 1647.438  | 1648.800  |
| 12.5  | 1785.803  | 1789.477  | 1791.855  | 1796.359  | 1800.658  | 1802.439  | 1805.068  | 1808.621  | 1804.341  | 1806.029  |
| 15.0  | 1937.297  | 1942.099  | 1947.536  | 1954.539  | 1959.360  | 1962.101  | 1966.503  | 1971.697  | 1967.006  | 1969.841  |
| 17.5  | 2103.179  | 2113.744  | 2125.820  | 2139.258  | 2147.781  | 2154.635  | 2164.193  | 2173.266  | 2168.836  | 2175.476  |
| 20.0  | 2326.643  | 2346.133  | 2367.580  | 2389.895  | 2403.593  | 2416.574  | 2431.969  | 2445.602  | 2443.467  | 2455.524  |
| 22.5  | 2609.452  | 2637.157  | 2665.495  | 2693.256  | 2712.279  | 2731.572  | 2754.363  | 2773.721  | 2775.157  | 2792.465  |
| 25.0  | 2938.653  | 2971.206  | 3004.991  | 3036.910  | 3056.800  | 3078.677  | 3104.619  | 3112.247  | 3131.363  | 3152.288  |
| 27.5  | 3295.446  | 3328.941  | 3362.530  | 3393.657  | 3414.367  | 3437.978  | 3467.175  | 3477.376  | 3501.538  | 3528.142  |
| 30.0  | 3673.780  | 3705.960  | 3737.852  | 3766.899  | 3788.626  | 3816.769  | 3853.789  | 3871.059  | 3905.944  | 3942.293  |
| 32.5  | 4092.826  | 4120.018  | 4149.140  | 4177.824  | 4203.943  | 4242.595  | 4295.916  | 4323.947  | 4372.287  | 4426.792  |
| 35.0  | 4542.375  | 4565.725  | 4602.773  | 4642.694  | 4685.868  | 4748.234  | 4829.390  | 4872.536  | 4936.301  | 5020.319  |
| 37.5  | 5010.155  | 5042.326  | 5113.159  | 5191.078  | 5277.036  | 5383.052  | 5506.123  | 5572.452  | 5658.000  | 5764.323  |
| 40.0  | 5529.604  | 5580.947  | 5690.022  | 5814.604  | 5954.003  | 6107.409  | 6271.510  | 6346.064  | 6424.645  | 6526.260  |
| 42.5  | 6115.652  | 6177.328  | 6301.509  | 6411.497  | 6511.526  | 6663.365  | 6845.977  | 6932.671  | 7008.465  | 7066.121  |
| 45.0  | 6710.587  | 6747.178  | 6836.894  | 6937.492  | 7045.373  | 7158.103  | 7274.106  | 7332.583  | 7390.837  | 7432.958  |
| 47.5  | 7291.908  | 7279.962  | 7312.292  | 7362.498  | 7424.136  | 7510.933  | 7608.836  | 7660.870  | 7719.477  | 7790.711  |
| 50.0  | 7928.106  | 7874.067  | 7855.427  | 7860.677  | 7878.683  | 7955.083  | 8056.007  | 8109.925  | 8185.979  | 8285.831  |
| 52.5  | 8668.548  | 8617.811  | 8607.786  | 8619.610  | 8640.890  | 8735.856  | 8857.631  | 8918.458  | 9026.852  | 9149.084  |
| 55.0  | 9577.241  | 9577.810  | 9621.610  | 9685.803  | 9759.843  | 9849.569  | 9950.213  | 9976.183  | 10031.639 | 10119.574 |
| 57.5  | 10716.094 | 10727.042 | 10755.380 | 10794.275 | 10825.504 | 11034.944 | 11291.279 | 11426.939 | 11662.237 | 11865.289 |
| 60.0  | 11726.244 | 11921.891 | 12205.306 | 12473.036 | 12747.900 | 12928.525 | 13094.995 | 13090.612 | 13112.712 | 13089.120 |
| 62.5  | 13388.919 | 13590.367 | 13748.864 | 13796.188 | 13825.562 | 13705.531 | 13551.939 | 13430.481 | 13325.742 | 13210.084 |
| 65.0  | 14215.039 | 14303.021 | 14243.378 | 14067.975 | 13867.319 | 13619.424 | 13365.159 | 13177.587 | 12968.110 | 12746.958 |
| 67.5  | 13107.621 | 13329.724 | 13616.132 | 13439.377 | 13164.643 | 12667.919 | 12149.953 | 11722.420 | 11157.167 | 10539.553 |
| 70.0  | 11947.973 | 11534.372 | 11127.672 | 10685.760 | 10244.249 | 99221.539 | 8103.294  | 7563.274  | 6851.385  | 6247.349  |
| 72.5  | 9150.809  | 7950.943  | 6683.041  | 5952.530  | 5290.091  | 4634.301  | 3966.501  | 3649.292  | 3167.479  | 2857.217  |
| 75.0  | 4450.832  | 3791.125  | 3136.967  | 2632.559  | 2116.160  | 1895.866  | 1707.948  | 1655.337  | 1558.870  | 1408.672  |
| 77.5  | 1961.495  | 1664.373  | 1359.221  | 1217.864  | 1088.694  | 987.378   | 888.430   | 870.209   | 825.906   | 753.982   |
| 80.0  | 855.420   | 755.372   | 651.006   | 611.711   | 577.954   | 535.115   | 490.402   | 470.232   | 435.328   | 393.394   |
| 82.5  | 374.912   | 338.125   | 301.253   | 294.269   | 287.816   | 263.497   | 238.188   | 231.288   | 214.997   | 193.335   |
| 85.0  | 131.706   | 116.991   | 100.738   | 100.766   | 101.409   | 87.562    | 72.446    | 74.693    | 70.264    | 64.538    |
| 87.5  | 26.157    | 20.916    | 15.032    | 16.449    | 18.305    | 14.817    | 10.435    | 14.612    | 18.258    | 13.736    |
| 90.0  | 0.569     | 1.520     | 2.546     | 1.567     | 0.457     | 0.923     | 1.473     | 1.128     | 0.457     | 0.485     |
| 92.5  | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     |
| 95.0  | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     |
| 97.5  | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     |
| 100.0 | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     |
| 102.5 | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     |
| 105.0 | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     |
| 107.5 | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     |
| 110.0 | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     |
| 112.5 | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     |
| 115.0 | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     |
| 117.5 | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     |
| 120.0 | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     |
| 122.5 | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     |
| 125.0 | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     |
| 127.5 | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     |
| 130.0 | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     |
| 132.5 | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     |
| 135.0 | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     |
| 137.5 | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     |
| 140.0 | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     |
| 142.5 | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     |
| 145.0 | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     |
| 147.5 | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     |

**IES ROAD REPORT**  
**PHOTOMETRIC FILENAME : ALL MD 4 UV 840.IES**

**CANDELA TABULATION - (Cont.)**

|       |       |       |       |       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 150.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 152.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 155.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 157.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 160.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 162.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 165.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 170.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 172.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 175.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 177.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 180.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

**Vert. Horizontal Angles**

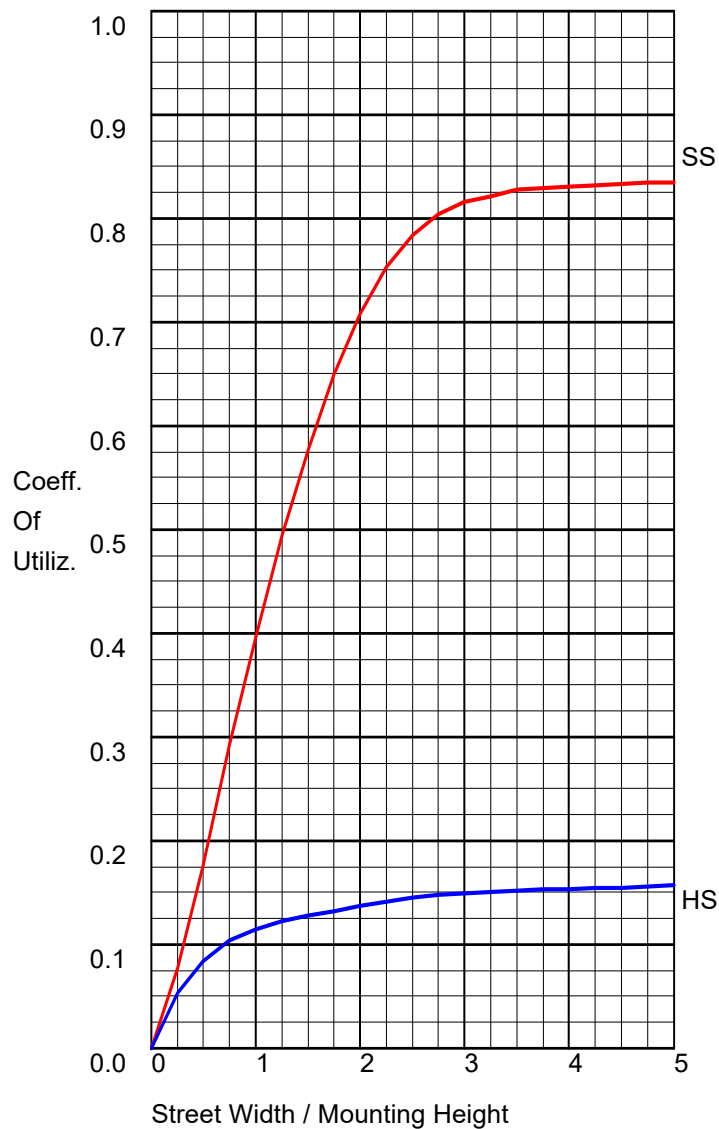
|      | <u>350.0</u> | <u>352.5</u> | <u>355.0</u> | <u>357.5</u> | <u>360.0</u> |
|------|--------------|--------------|--------------|--------------|--------------|
| 0.0  | 1331.060     | 1331.060     | 1331.060     | 1331.060     | 1331.060     |
| 2.5  | 1372.966     | 1371.624     | 1372.332     | 1372.929     | 1372.901     |
| 5.0  | 1427.173     | 1427.863     | 1428.357     | 1428.590     | 1429.774     |
| 7.5  | 1515.285     | 1516.777     | 1516.310     | 1516.282     | 1516.888     |
| 10.0 | 1650.823     | 1652.399     | 1651.719     | 1652.241     | 1653.546     |
| 12.5 | 1810.048     | 1812.258     | 1811.391     | 1812.603     | 1814.776     |
| 15.0 | 1974.336     | 1976.368     | 1975.697     | 1977.599     | 1980.416     |
| 17.5 | 2184.018     | 2188.242     | 2189.016     | 2192.615     | 2197.026     |
| 20.0 | 2469.726     | 2476.506     | 2478.660     | 2484.898     | 2492.116     |
| 22.5 | 2811.935     | 2821.754     | 2826.650     | 2835.527     | 2845.225     |
| 25.0 | 3174.678     | 3186.837     | 3194.605     | 3205.058     | 3215.987     |
| 27.5 | 3556.406     | 3572.109     | 3583.197     | 3596.914     | 3611.032     |
| 30.0 | 3979.490     | 4003.325     | 4022.880     | 4039.916     | 4056.599     |
| 32.5 | 4484.346     | 4517.897     | 4544.669     | 4569.847     | 4594.819     |
| 35.0 | 5113.019     | 5162.861     | 5201.961     | 5233.731     | 5264.681     |
| 37.5 | 5878.489     | 5933.125     | 5974.388     | 6026.477     | 6079.676     |
| 40.0 | 6635.614     | 6688.869     | 6730.822     | 6751.645     | 6770.528     |
| 42.5 | 7118.407     | 7148.545     | 7174.664     | 7192.503     | 7209.652     |
| 45.0 | 7470.798     | 7506.737     | 7542.368     | 7564.981     | 7586.606     |
| 47.5 | 7865.003     | 7929.449     | 7992.439     | 8027.240     | 8060.082     |
| 50.0 | 8390.840     | 8463.230     | 8531.237     | 8574.142     | 8615.461     |
| 52.5 | 9274.020     | 9346.000     | 9411.527     | 9466.973     | 9521.841     |
| 55.0 | 10213.197    | 10286.734    | 10358.061    | 10446.564    | 10535.973    |
| 57.5 | 12063.342    | 12146.176    | 12217.503    | 12306.100    | 12395.517    |
| 60.0 | 13059.103    | 13042.710    | 13027.538    | 13046.738    | 13067.421    |
| 62.5 | 13093.037    | 13039.996    | 12992.112    | 12991.124    | 12991.963    |
| 65.0 | 12524.454    | 12411.808    | 12307.060    | 12247.987    | 12190.507    |
| 67.5 | 9916.718     | 9596.283     | 9295.095     | 9049.055     | 8804.721     |
| 70.0 | 5652.470     | 5406.644     | 5180.308     | 4999.077     | 4819.067     |
| 72.5 | 2559.591     | 2441.807     | 2332.723     | 2260.576     | 2189.296     |
| 75.0 | 1255.098     | 1239.451     | 1229.492     | 1162.240     | 1093.823     |
| 77.5 | 680.622      | 649.430      | 619.674      | 603.309      | 587.167      |
| 80.0 | 351.170      | 331.084      | 311.604      | 292.106      | 272.607      |
| 82.5 | 171.496      | 162.693      | 154.161      | 140.509      | 126.801      |
| 85.0 | 58.775       | 54.421       | 50.085       | 49.012       | 47.968       |
| 87.5 | 9.101        | 8.915        | 8.756        | 8.225        | 7.693        |
| 90.0 | 0.522        | 0.513        | 0.504        | 0.560        | 0.625        |
| 92.5 | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 95.0 | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |

**IES ROAD REPORT**  
**PHOTOMETRIC FILENAME : ALL MD 4 UV 840.IES**

**CANDELA TABULATION - (Cont.)**

|              |       |       |       |       |       |
|--------------|-------|-------|-------|-------|-------|
| <b>97.5</b>  | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| <b>100.0</b> | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| <b>102.5</b> | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| <b>105.0</b> | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| <b>107.5</b> | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| <b>110.0</b> | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| <b>112.5</b> | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| <b>115.0</b> | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| <b>117.5</b> | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| <b>120.0</b> | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| <b>122.5</b> | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| <b>125.0</b> | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| <b>127.5</b> | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| <b>130.0</b> | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| <b>132.5</b> | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| <b>135.0</b> | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| <b>137.5</b> | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| <b>140.0</b> | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| <b>142.5</b> | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| <b>145.0</b> | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| <b>147.5</b> | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| <b>150.0</b> | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| <b>152.5</b> | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| <b>155.0</b> | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| <b>157.5</b> | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| <b>160.0</b> | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| <b>162.5</b> | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| <b>165.0</b> | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| <b>167.5</b> | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| <b>170.0</b> | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| <b>172.5</b> | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| <b>175.0</b> | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| <b>177.5</b> | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| <b>180.0</b> | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

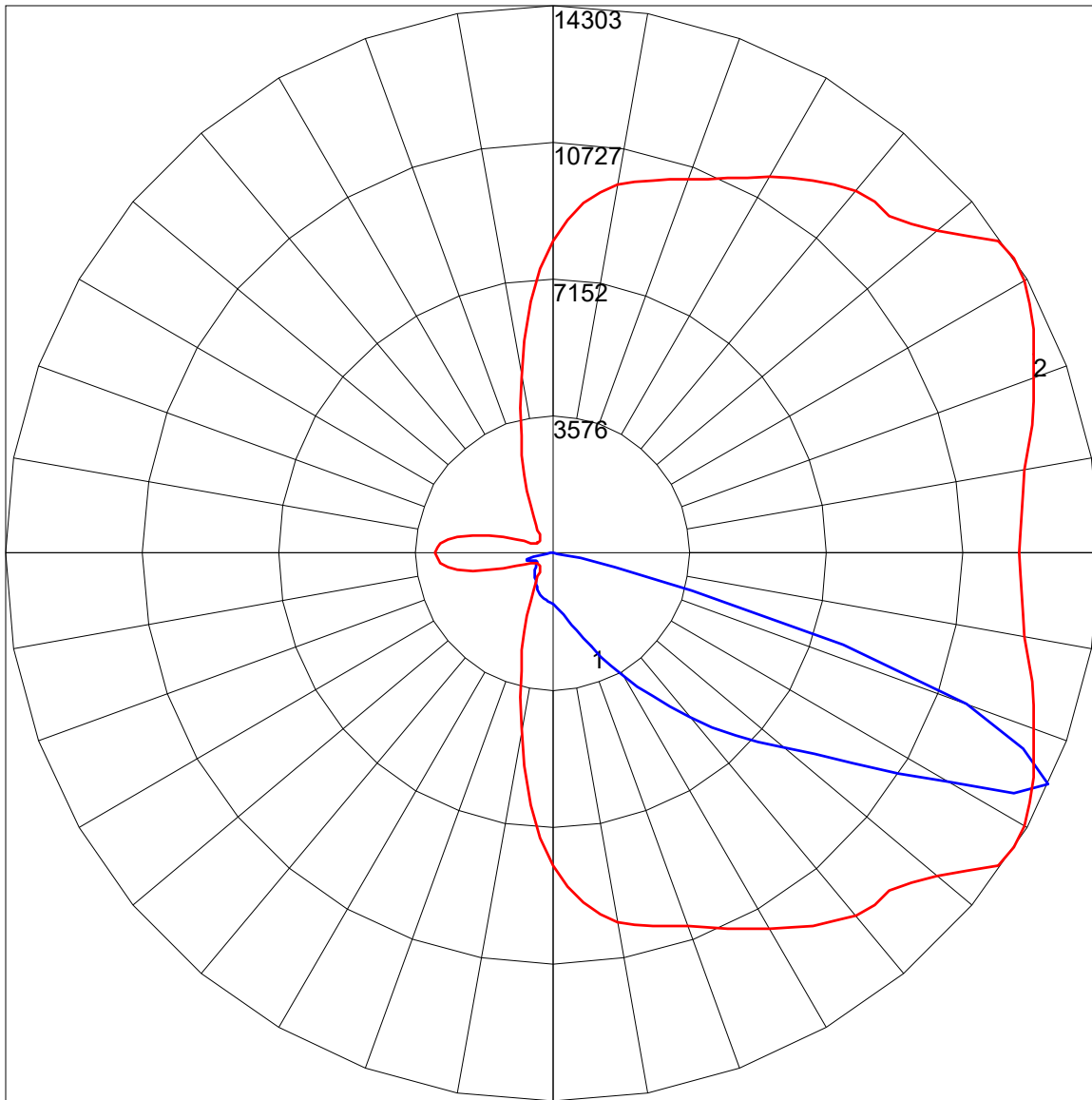
### COEFFICIENTS OF UTILIZATION



### FLUX DISTRIBUTION

|                      | Lumens  | Percent<br>Of Luminaire |
|----------------------|---------|-------------------------|
| Downward Street Side | 17273.8 | 83.8                    |
| Downward House Side  | 3351.4  | 16.2                    |
| Downward Total       | 20625.2 | 100.0                   |
| Upward Street Side   | 0.1     | 0.0                     |
| Upward House Side    | 0.0     | 0.0                     |
| Upward Total         | 0.1     | 0.0                     |
| Total Flux           | 20625.3 | 100.0                   |

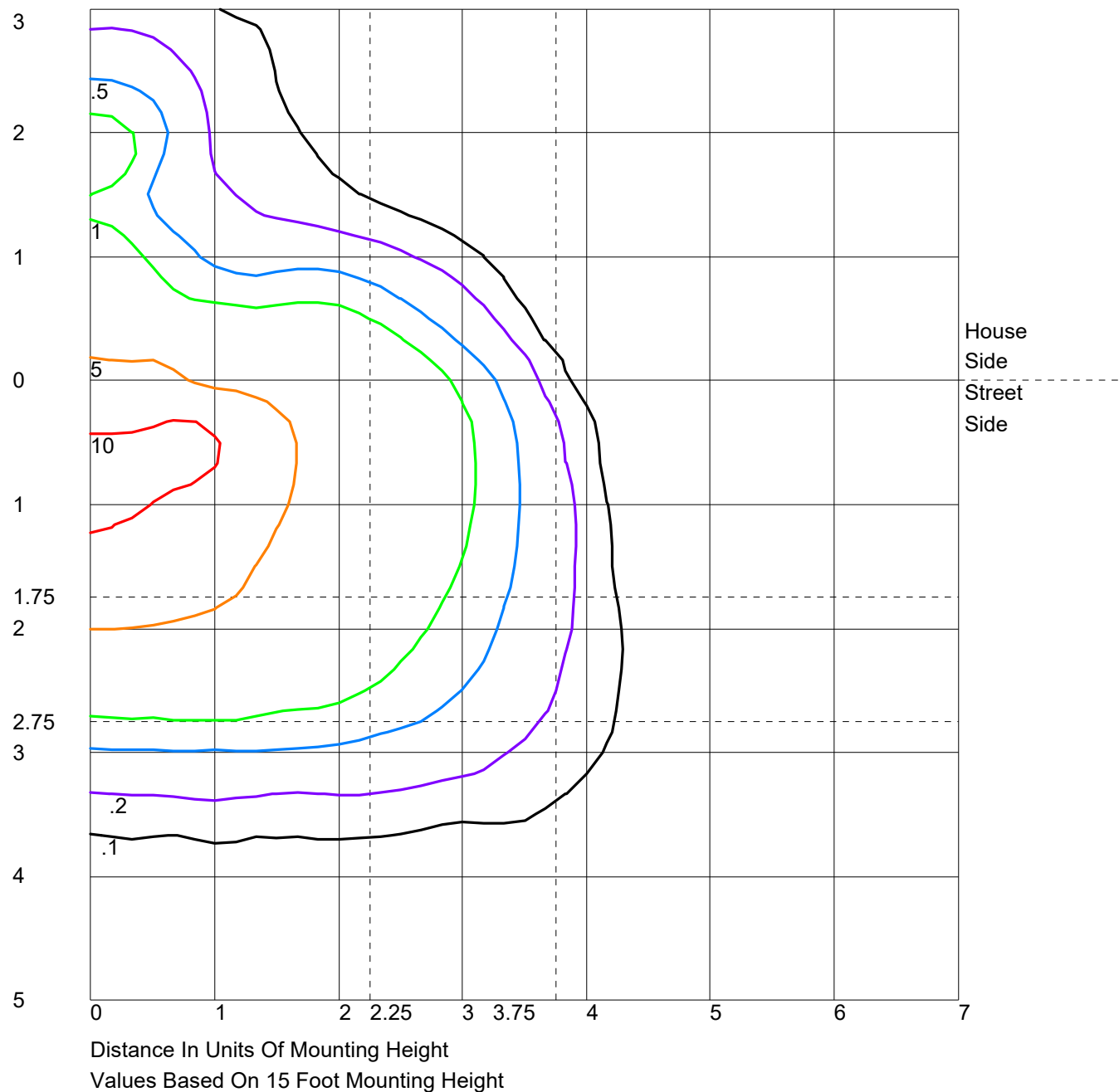
POLAR GRAPH



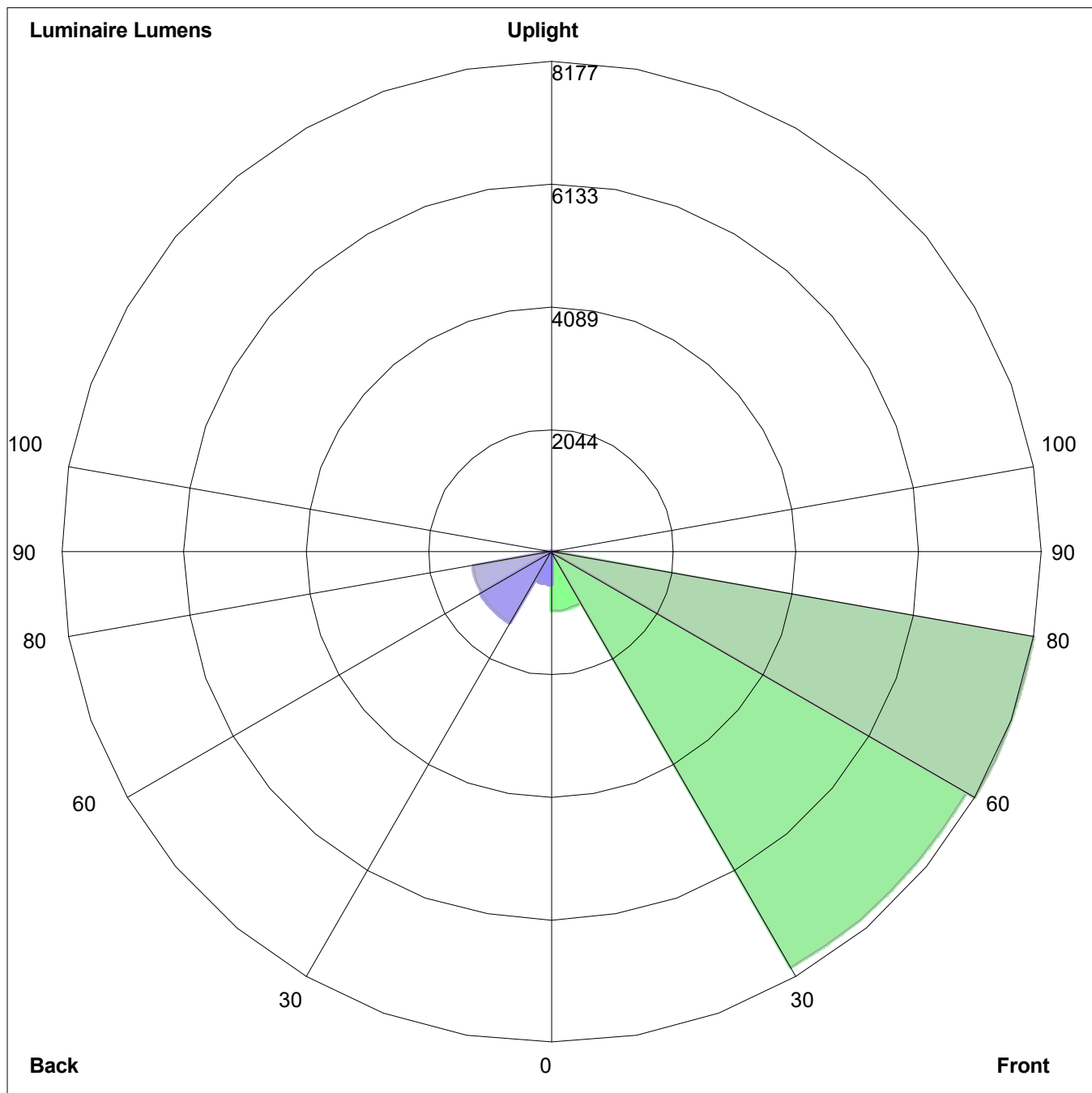
Maximum Candela = 14303.039 Located At Horizontal Angle = 32.5, Vertical Angle = 65  
# 1 - Vertical Plane Through Horizontal Angles (32.5 - 212.5) (Through Max. Cd.)  
# 2 - Horizontal Cone Through Vertical Angle (65) (Through Max. Cd.)



ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:  
Front: Low=978.3, Medium=8005.7, High=8177.3, Very High=112.5  
Back: Low=530.2, Medium=1361.2, High= 1331.0, Very High=129.0  
Uplight: Low=0.1, High=0.0

BUG Rating : B3-U1-G4