

Scaled data based on original data using  
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-  
State Lighting Products

Test Report Prepared for  
Cooper Lighting Solutions  
(formerly Eaton)

Brand: STREETWORKS

Report Number: P152541

Luminaire Tested: **AVM-E02-LED-E-U-SL4-7050**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P152541  
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33680)  
Test Lab: INNOVATION CENTER-P3  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: AVM-E02-LED-E-U-SL4-7050  
Description: VISION SITE MEDIUM LED LUMINAIRE  
(2) LIGHTBARS WITH AccuLED OPTICS - TYPE 4 W/ SPILL LIGHT CONTROL  
Light Source: (42) 5000K CCT, 70 CRI LEDs  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 6062.5 lumens  
Efficiency: N/A  
Efficacy: 116.4 lumens/watt  
Luminous Opening: Rectangular (W 0.33' x L: 1' x H: 0')  
IES Classification: Type IV - Short - Full Cutoff  
BUG Rating: B1 - U0 - G2

Input Watts (W): 52.1  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 28.75 FT

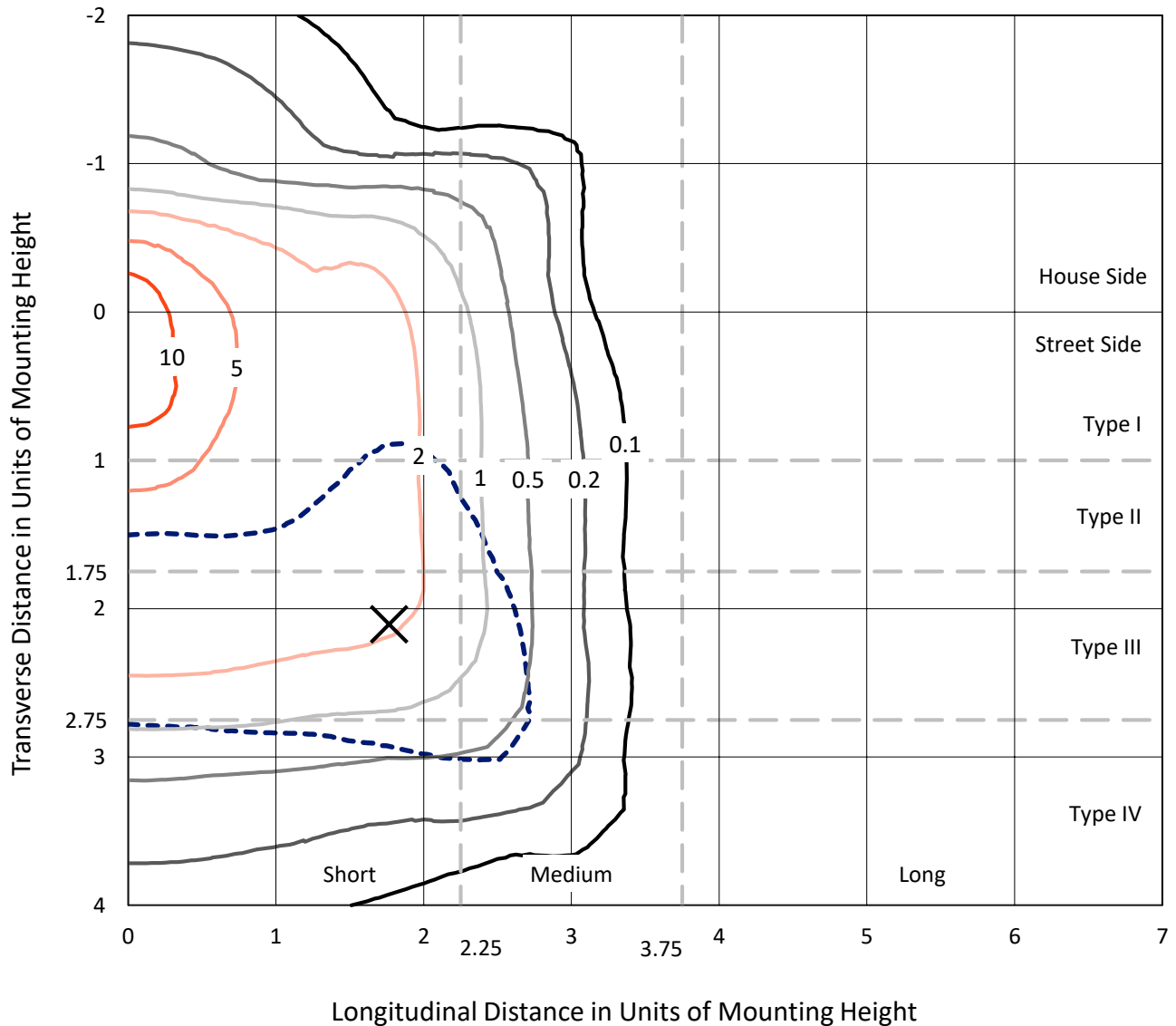


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### Iso-Footcandle Lines of Horizontal Illumination

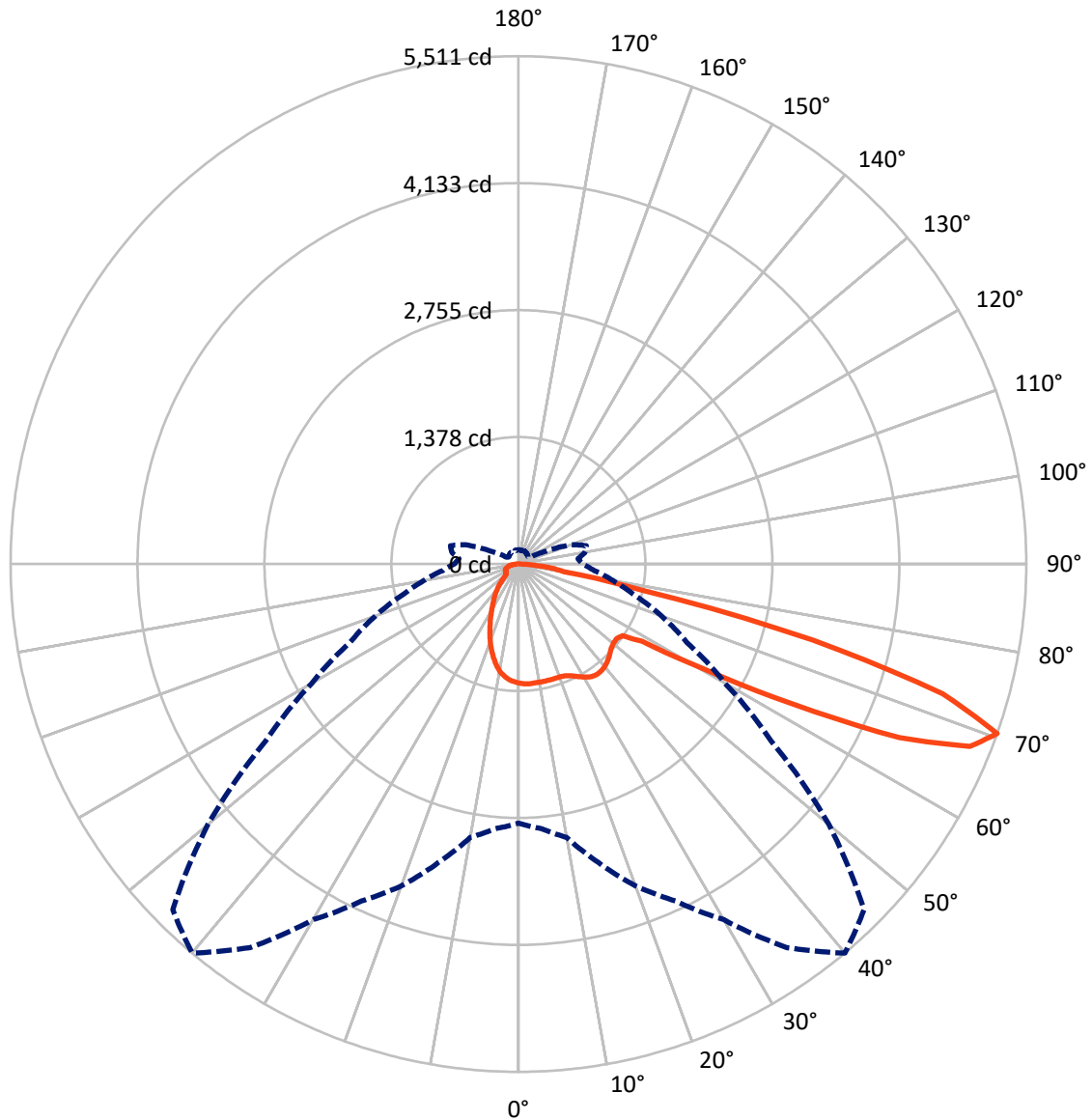
✕ Max cd  
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 13 fc  
 Type IV - Short - Full Cutoff

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### Luminous Intensity Polar Plot



— Vertical Plane Through 40-Deg Lateral    - - - Horizontal Cone Through 70-Deg Vertical

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**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 1258.5   | 0.0    | 1258.5 |
|                    | % Fixture | 20.8     | 0.0    | 20.8   |
| <b>Street Side</b> | Lumens    | 4804.0   | 0.0    | 4804.0 |
|                    | % Fixture | 79.2     | 0.0    | 79.2   |
| <b>Total</b>       | Lumens    | 6062.5   | 0.0    | 6062.5 |
|                    | % Fixture | 100.0    | 0.0    | 100.0  |

**Coefficient of Utilization**

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 120.8  | 2.0       |
| 10°-20°   | 330.8  | 5.5       |
| 20°-30°   | 489.7  | 8.1       |
| 30°-40°   | 618.9  | 10.2      |
| 40°-50°   | 700.0  | 11.5      |
| 50°-60°   | 996.0  | 16.4      |
| 60°-70°   | 1855.0 | 30.6      |
| 70°-80°   | 850.2  | 14.0      |
| 80°-90°   | 100.9  | 1.7       |
| 90°-100°  | 0.0    | 0.0       |
| 100°-110° | 0.0    | 0.0       |
| 110°-120° | 0.0    | 0.0       |
| 120°-130° | 0.0    | 0.0       |
| 130°-140° | 0.0    | 0.0       |
| 140°-150° | 0.0    | 0.0       |
| 150°-160° | 0.0    | 0.0       |
| 160°-170° | 0.0    | 0.0       |
| 170°-180° | 0.0    | 0.0       |
| 0°-90°    | 6062.5 | 100.0     |
| 0°-180°   | 6062.5 | 100.0     |



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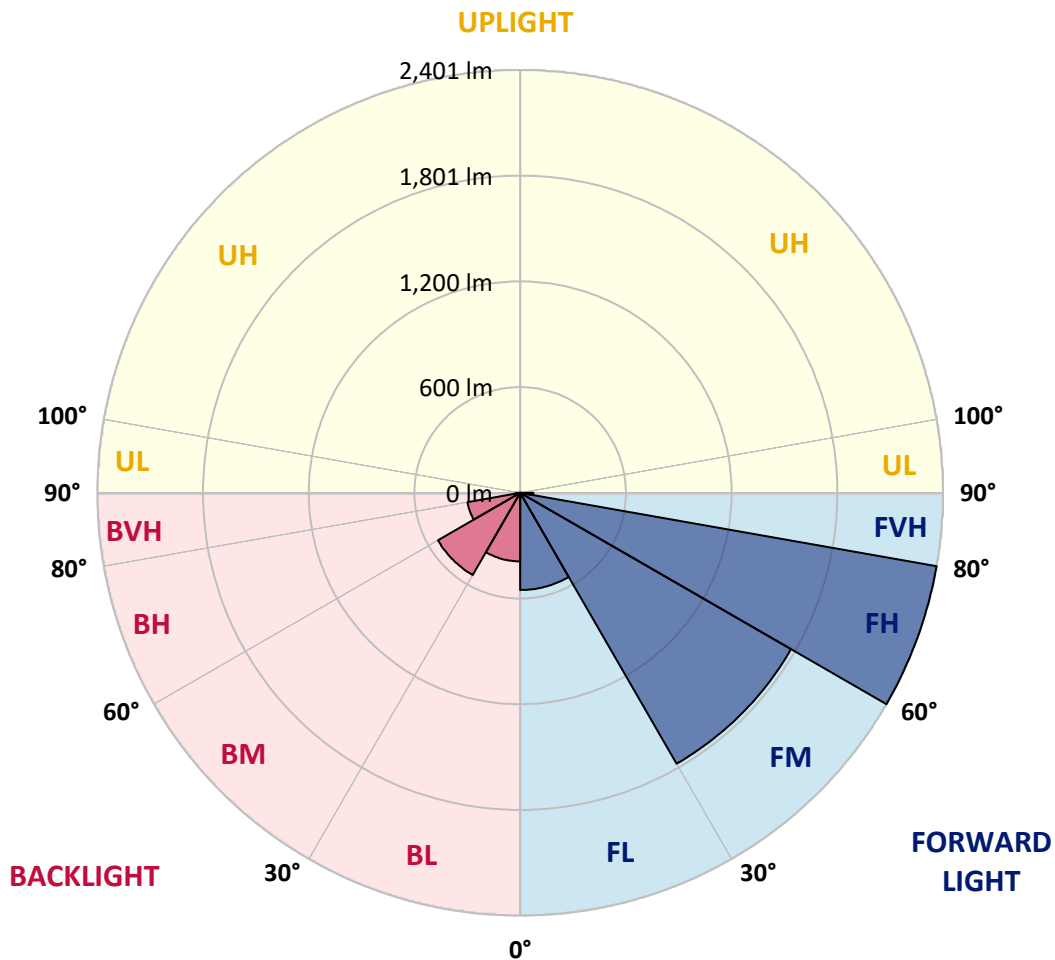
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone           | Lumens | % Fixture | Zone Rating/Lumen Limit |      |         |
|----------------|--------|-----------|-------------------------|------|---------|
|                |        |           | B                       | U    | G       |
| FL (0°-30°)    | 552.0  | 9.1       |                         |      |         |
| FM (30°-60°)   | 1776.1 | 29.3      |                         |      |         |
| FH (60°-80°)   | 2401.0 | 39.6      |                         |      | G2/5000 |
| FVH (80°-90°)  | 74.9   | 1.2       |                         |      | G1/100  |
| BL (0°-30°)    | 389.4  | 6.4       | B1/500                  |      |         |
| BM (30°-60°)   | 538.8  | 8.9       | B1/1000                 |      |         |
| BH (60°-80°)   | 304.2  | 5.0       | B1/500                  |      | G1/500  |
| BVH (80°-90°)  | 26.1   | 0.4       |                         |      | G1/100  |
| UL (90°-100°)  | 0.0    | 0.0       |                         | U0/0 |         |
| UH (100°-180°) | 0.0    | 0.0       |                         | U0/0 |         |

**BUG Rating: B1-U0-G2**

Type IV Short





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**CANDELA DISTRIBUTION (FULL):**

|       | 0°     | 5°     | 10°    | 15°    | 20°    | 25°    | 30°    | 35°    | 40°    | 45°    | 50°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1293.6 | 1293.6 | 1293.6 | 1293.6 | 1293.6 | 1293.6 | 1293.6 | 1293.6 | 1293.6 | 1293.6 | 1293.6 |
| 2.5°  | 1313.4 | 1316.8 | 1312.7 | 1312.0 | 1312.0 | 1311.4 | 1307.3 | 1306.6 | 1301.1 | 1301.8 | 1303.2 |
| 5°    | 1323.0 | 1324.4 | 1321.6 | 1320.9 | 1319.6 | 1316.8 | 1313.4 | 1309.3 | 1305.2 | 1301.1 | 1297.7 |
| 7.5°  | 1332.6 | 1331.2 | 1329.1 | 1329.1 | 1327.1 | 1323.0 | 1316.2 | 1310.7 | 1301.8 | 1297.0 | 1290.8 |
| 10°   | 1346.3 | 1344.2 | 1341.5 | 1340.1 | 1336.7 | 1330.5 | 1320.9 | 1313.4 | 1302.5 | 1292.9 | 1282.6 |
| 12.5° | 1359.2 | 1358.6 | 1354.5 | 1352.4 | 1346.9 | 1340.8 | 1329.1 | 1317.5 | 1303.2 | 1288.1 | 1274.4 |
| 15°   | 1382.5 | 1379.8 | 1375.7 | 1371.6 | 1362.7 | 1354.5 | 1336.7 | 1323.0 | 1302.5 | 1282.6 | 1261.4 |
| 17.5° | 1422.9 | 1418.1 | 1414.0 | 1405.1 | 1394.1 | 1379.8 | 1353.8 | 1330.5 | 1302.5 | 1273.7 | 1249.8 |
| 20°   | 1496.7 | 1486.5 | 1481.0 | 1469.4 | 1450.2 | 1424.2 | 1383.9 | 1346.3 | 1304.5 | 1267.6 | 1235.4 |
| 22.5° | 1580.2 | 1573.4 | 1565.8 | 1558.3 | 1528.2 | 1490.6 | 1435.9 | 1379.8 | 1316.8 | 1264.8 | 1223.8 |
| 25°   | 1673.9 | 1665.0 | 1660.9 | 1647.9 | 1619.9 | 1576.8 | 1502.2 | 1424.2 | 1344.9 | 1275.8 | 1223.8 |
| 27.5° | 1757.4 | 1754.6 | 1754.0 | 1738.9 | 1712.2 | 1661.6 | 1573.4 | 1479.6 | 1383.2 | 1298.4 | 1234.1 |
| 30°   | 1833.3 | 1830.6 | 1829.2 | 1821.0 | 1790.2 | 1730.0 | 1634.2 | 1528.9 | 1424.9 | 1329.8 | 1253.2 |
| 32.5° | 1914.0 | 1905.1 | 1901.0 | 1885.3 | 1850.4 | 1780.0 | 1670.5 | 1561.0 | 1457.8 | 1360.6 | 1274.4 |
| 35°   | 1979.7 | 1972.2 | 1964.0 | 1941.4 | 1892.1 | 1808.7 | 1686.2 | 1572.0 | 1470.8 | 1377.7 | 1285.4 |
| 37.5° | 2027.6 | 2020.1 | 2008.4 | 1979.7 | 1918.8 | 1818.3 | 1685.5 | 1568.6 | 1466.0 | 1375.0 | 1287.4 |
| 40°   | 2048.8 | 2041.3 | 2029.0 | 1992.7 | 1923.6 | 1812.8 | 1672.6 | 1552.8 | 1451.6 | 1360.6 | 1279.2 |
| 42.5° | 2040.6 | 2035.1 | 2019.4 | 1984.5 | 1908.6 | 1788.2 | 1646.6 | 1523.4 | 1424.2 | 1337.4 | 1260.7 |
| 45°   | 2009.1 | 2005.0 | 1990.0 | 1953.0 | 1874.4 | 1748.5 | 1608.2 | 1486.5 | 1391.4 | 1308.6 | 1236.1 |
| 47.5° | 1961.9 | 1960.5 | 1945.5 | 1909.2 | 1831.3 | 1708.8 | 1568.6 | 1450.2 | 1358.6 | 1280.6 | 1215.6 |
| 50°   | 1909.9 | 1903.1 | 1895.6 | 1862.0 | 1790.9 | 1674.6 | 1539.8 | 1427.7 | 1340.1 | 1270.3 | 1206.7 |
| 52.5° | 1877.1 | 1875.0 | 1868.2 | 1838.1 | 1769.7 | 1654.8 | 1526.8 | 1419.4 | 1338.7 | 1268.3 | 1201.9 |
| 55°   | 2168.5 | 2173.3 | 2110.4 | 1979.7 | 1864.8 | 1709.5 | 1565.8 | 1461.2 | 1372.2 | 1301.1 | 1252.5 |
| 57.5° | 3207.6 | 3186.4 | 3078.3 | 2819.1 | 2526.3 | 2139.8 | 1861.4 | 1692.4 | 1582.3 | 1594.6 | 1619.2 |
| 60°   | 3737.1 | 3733.0 | 3713.1 | 3612.6 | 3417.6 | 3123.5 | 2797.2 | 2423.0 | 2303.9 | 2316.9 | 2326.5 |
| 62.5° | 3973.8 | 3979.9 | 3995.0 | 3957.3 | 3906.0 | 3820.5 | 3657.7 | 3507.2 | 3347.8 | 3288.3 | 3128.9 |
| 65°   | 4083.2 | 4094.2 | 4128.4 | 4149.6 | 4169.4 | 4184.5 | 4248.8 | 4425.3 | 4541.5 | 4324.0 | 3817.8 |
| 67.5° | 3856.8 | 3909.5 | 4022.3 | 4132.5 | 4231.0 | 4371.2 | 4588.7 | 4998.5 | 5283.8 | 5016.3 | 4282.3 |
| 70°   | 2811.5 | 2883.4 | 3012.6 | 3353.3 | 3717.2 | 4035.3 | 4456.7 | 5080.6 | 5510.9 | 5304.3 | 4397.2 |
| 72.5° | 1762.8 | 1782.7 | 1840.1 | 1965.3 | 2235.5 | 2643.9 | 3380.7 | 4316.5 | 4813.1 | 4648.3 | 3716.6 |
| 75°   | 1118.5 | 1125.3 | 1123.2 | 1152.0 | 1197.8 | 1286.7 | 1578.2 | 2549.5 | 3297.2 | 3040.0 | 2071.4 |
| 77.5° | 666.3  | 676.5  | 680.6  | 689.5  | 711.4  | 742.9  | 766.8  | 867.4  | 1382.5 | 1342.1 | 751.8  |
| 80°   | 558.2  | 566.4  | 559.6  | 557.5  | 543.8  | 534.3  | 545.9  | 534.3  | 496.0  | 477.5  | 439.9  |
| 82.5° | 295.5  | 294.8  | 292.8  | 312.6  | 353.0  | 384.4  | 408.4  | 402.9  | 364.6  | 310.6  | 263.4  |
| 85°   | 162.1  | 167.6  | 167.6  | 174.4  | 168.3  | 169.0  | 174.4  | 184.0  | 170.3  | 142.3  | 116.3  |
| 87.5° | 13.7   | 21.2   | 17.1   | 21.2   | 28.7   | 20.5   | 19.8   | 19.8   | 17.1   | 12.3   | 10.9   |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |



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**CANDELA DISTRIBUTION (continued):**

|       | 55°    | 60°    | 65°    | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    | 100°   | 105°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1293.6 | 1293.6 | 1293.6 | 1293.6 | 1293.6 | 1293.6 | 1293.6 | 1293.6 | 1293.6 | 1293.6 | 1293.6 |
| 2.5°  | 1299.7 | 1298.4 | 1295.6 | 1293.6 | 1293.6 | 1290.2 | 1288.1 | 1286.7 | 1286.1 | 1283.3 | 1283.3 |
| 5°    | 1295.6 | 1290.8 | 1286.1 | 1282.6 | 1280.6 | 1277.2 | 1271.7 | 1269.0 | 1265.5 | 1262.8 | 1261.4 |
| 7.5°  | 1286.7 | 1277.8 | 1270.3 | 1264.8 | 1258.0 | 1252.5 | 1245.7 | 1239.5 | 1233.4 | 1230.6 | 1229.3 |
| 10°   | 1273.1 | 1261.4 | 1249.8 | 1239.5 | 1230.0 | 1220.4 | 1211.5 | 1202.6 | 1195.1 | 1189.6 | 1184.1 |
| 12.5° | 1260.1 | 1242.3 | 1227.2 | 1212.2 | 1197.1 | 1185.5 | 1173.2 | 1160.2 | 1149.2 | 1139.0 | 1136.2 |
| 15°   | 1242.3 | 1221.7 | 1202.6 | 1184.1 | 1165.7 | 1146.5 | 1131.5 | 1117.1 | 1099.3 | 1087.7 | 1078.8 |
| 17.5° | 1225.9 | 1201.2 | 1178.0 | 1156.1 | 1133.5 | 1113.7 | 1091.1 | 1071.9 | 1054.2 | 1036.4 | 1023.4 |
| 20°   | 1208.1 | 1181.4 | 1156.8 | 1132.1 | 1107.5 | 1082.2 | 1056.2 | 1031.6 | 1009.7 | 988.5  | 967.3  |
| 22.5° | 1192.3 | 1165.0 | 1141.0 | 1114.4 | 1087.0 | 1058.3 | 1028.2 | 997.4  | 972.1  | 944.7  | 920.1  |
| 25°   | 1182.8 | 1152.7 | 1128.0 | 1102.0 | 1071.9 | 1040.5 | 1006.3 | 970.0  | 939.2  | 907.8  | 878.3  |
| 27.5° | 1182.8 | 1143.8 | 1118.5 | 1092.5 | 1061.7 | 1028.2 | 990.5  | 950.9  | 916.0  | 881.1  | 844.8  |
| 30°   | 1193.0 | 1145.1 | 1110.9 | 1083.6 | 1052.1 | 1015.8 | 974.1  | 932.4  | 894.1  | 853.0  | 818.1  |
| 32.5° | 1202.6 | 1147.9 | 1105.5 | 1070.6 | 1034.3 | 998.7  | 956.3  | 911.9  | 869.5  | 830.5  | 793.5  |
| 35°   | 1208.8 | 1147.9 | 1095.2 | 1050.7 | 1009.7 | 974.8  | 933.1  | 888.6  | 845.5  | 807.2  | 773.0  |
| 37.5° | 1209.4 | 1142.4 | 1078.8 | 1028.2 | 985.1  | 948.8  | 909.1  | 867.4  | 826.4  | 790.8  | 762.1  |
| 40°   | 1202.6 | 1131.5 | 1062.4 | 1004.2 | 959.1  | 922.1  | 885.9  | 848.2  | 811.3  | 781.9  | 757.3  |
| 42.5° | 1190.3 | 1119.8 | 1046.6 | 985.1  | 937.9  | 899.6  | 866.0  | 833.9  | 801.7  | 776.4  | 755.9  |
| 45°   | 1171.8 | 1104.1 | 1032.3 | 973.4  | 926.9  | 886.6  | 853.7  | 827.0  | 799.7  | 778.5  | 757.9  |
| 47.5° | 1155.4 | 1098.6 | 1037.1 | 981.0  | 932.4  | 890.7  | 857.1  | 834.6  | 813.4  | 799.0  | 770.9  |
| 50°   | 1152.0 | 1095.9 | 1039.1 | 987.1  | 937.9  | 895.4  | 866.0  | 854.4  | 848.2  | 839.4  | 796.3  |
| 52.5° | 1142.4 | 1095.2 | 1054.2 | 1025.4 | 994.0  | 974.1  | 943.3  | 954.3  | 947.4  | 916.0  | 838.0  |
| 55°   | 1243.0 | 1256.6 | 1294.9 | 1349.7 | 1400.3 | 1411.9 | 1408.5 | 1395.5 | 1326.4 | 1141.0 | 938.5  |
| 57.5° | 1708.8 | 1786.1 | 1858.6 | 1890.8 | 1886.7 | 1850.4 | 1824.4 | 1771.7 | 1671.9 | 1446.1 | 1136.9 |
| 60°   | 2355.9 | 2368.3 | 2329.9 | 2273.2 | 2177.4 | 2097.4 | 2011.9 | 1913.3 | 1768.3 | 1547.4 | 1258.7 |
| 62.5° | 2951.8 | 2786.2 | 2615.9 | 2455.8 | 2310.1 | 2182.9 | 2063.8 | 1926.3 | 1737.5 | 1507.0 | 1243.0 |
| 65°   | 3372.5 | 3022.2 | 2753.4 | 2523.5 | 2317.6 | 2139.8 | 1991.3 | 1812.8 | 1600.0 | 1392.1 | 1152.0 |
| 67.5° | 3589.3 | 3052.3 | 2639.8 | 2319.7 | 2027.6 | 1781.3 | 1583.6 | 1409.9 | 1251.8 | 1160.9 | 1008.3 |
| 70°   | 3347.2 | 2590.6 | 2016.0 | 1654.1 | 1304.5 | 1045.9 | 826.4  | 693.6  | 647.8  | 734.0  | 763.4  |
| 72.5° | 2494.1 | 1686.2 | 1199.2 | 927.6  | 710.7  | 566.4  | 434.4  | 341.4  | 277.7  | 291.4  | 378.3  |
| 75°   | 1179.3 | 727.9  | 514.4  | 391.3  | 311.3  | 257.9  | 210.7  | 192.9  | 161.4  | 134.1  | 125.9  |
| 77.5° | 459.0  | 334.5  | 276.4  | 202.5  | 143.7  | 115.6  | 98.5   | 95.1   | 97.1   | 94.4   | 93.0   |
| 80°   | 349.6  | 236.7  | 148.4  | 108.8  | 93.7   | 82.8   | 73.2   | 70.5   | 71.8   | 75.2   | 78.7   |
| 82.5° | 195.0  | 121.8  | 90.3   | 78.7   | 70.5   | 60.2   | 54.7   | 50.6   | 51.3   | 55.4   | 62.9   |
| 85°   | 75.2   | 58.8   | 54.0   | 52.0   | 48.6   | 39.0   | 33.5   | 34.2   | 39.0   | 46.5   | 46.5   |
| 87.5° | 8.2    | 8.2    | 10.9   | 8.2    | 8.2    | 8.2    | 7.5    | 8.9    | 9.6    | 12.3   | 14.4   |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |





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**CANDELA DISTRIBUTION (continued):**

|       | 110°   | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   | 150°   | 155°   | 160°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1293.6 | 1293.6 | 1293.6 | 1293.6 | 1293.6 | 1293.6 | 1293.6 | 1293.6 | 1293.6 | 1293.6 | 1293.6 |
| 2.5°  | 1281.9 | 1281.9 | 1281.9 | 1280.6 | 1281.3 | 1278.5 | 1278.5 | 1276.5 | 1279.9 | 1277.8 | 1277.2 |
| 5°    | 1262.1 | 1261.4 | 1258.7 | 1258.7 | 1258.7 | 1258.7 | 1260.7 | 1255.3 | 1259.4 | 1259.4 | 1257.3 |
| 7.5°  | 1228.6 | 1228.6 | 1221.1 | 1225.2 | 1223.8 | 1225.9 | 1228.6 | 1225.9 | 1230.0 | 1232.7 | 1230.6 |
| 10°   | 1182.1 | 1182.1 | 1175.9 | 1180.7 | 1178.7 | 1183.4 | 1188.2 | 1185.5 | 1188.2 | 1192.3 | 1193.7 |
| 12.5° | 1130.8 | 1128.0 | 1122.6 | 1124.6 | 1124.6 | 1127.3 | 1129.4 | 1132.8 | 1136.2 | 1141.7 | 1144.4 |
| 15°   | 1071.3 | 1067.1 | 1060.3 | 1060.3 | 1056.2 | 1057.6 | 1061.7 | 1063.0 | 1069.9 | 1077.4 | 1086.3 |
| 17.5° | 1010.4 | 1000.1 | 992.6  | 983.7  | 976.9  | 982.3  | 987.1  | 990.5  | 996.0  | 1007.6 | 1013.8 |
| 20°   | 952.9  | 932.4  | 918.0  | 906.4  | 898.9  | 902.3  | 908.4  | 912.5  | 917.3  | 920.1  | 922.1  |
| 22.5° | 896.1  | 872.9  | 853.0  | 838.7  | 826.4  | 829.8  | 827.0  | 825.0  | 828.4  | 819.5  | 818.8  |
| 25°   | 846.9  | 819.5  | 792.8  | 775.7  | 760.7  | 755.9  | 741.5  | 738.1  | 728.5  | 721.0  | 715.5  |
| 27.5° | 811.3  | 775.7  | 746.3  | 726.5  | 702.5  | 684.8  | 666.3  | 647.8  | 637.6  | 625.2  | 619.1  |
| 30°   | 783.3  | 745.6  | 710.7  | 677.2  | 645.8  | 618.4  | 593.8  | 569.8  | 553.4  | 535.6  | 524.0  |
| 32.5° | 757.3  | 722.4  | 680.0  | 634.1  | 591.7  | 560.9  | 528.8  | 501.4  | 475.4  | 452.2  | 435.1  |
| 35°   | 739.5  | 700.5  | 646.4  | 590.4  | 542.5  | 506.2  | 472.0  | 433.0  | 401.5  | 371.5  | 353.0  |
| 37.5° | 729.9  | 682.0  | 615.7  | 553.4  | 500.1  | 459.0  | 416.6  | 371.5  | 333.1  | 305.1  | 277.0  |
| 40°   | 722.4  | 663.5  | 588.3  | 520.6  | 464.5  | 415.2  | 366.0  | 312.6  | 270.2  | 240.8  | 218.9  |
| 42.5° | 714.2  | 643.0  | 564.4  | 494.6  | 432.3  | 374.9  | 315.4  | 258.6  | 218.2  | 197.7  | 188.1  |
| 45°   | 705.3  | 625.2  | 541.8  | 470.0  | 400.9  | 331.1  | 262.7  | 210.0  | 186.1  | 179.2  | 179.2  |
| 47.5° | 703.2  | 613.6  | 525.4  | 446.0  | 365.3  | 280.5  | 214.1  | 181.3  | 174.4  | 175.8  | 178.5  |
| 50°   | 711.4  | 610.2  | 511.0  | 418.0  | 318.1  | 227.1  | 181.3  | 170.3  | 171.7  | 175.8  | 179.9  |
| 52.5° | 731.3  | 612.9  | 496.0  | 379.0  | 262.0  | 187.4  | 167.6  | 166.9  | 171.0  | 177.2  | 181.3  |
| 55°   | 764.8  | 612.9  | 467.2  | 320.8  | 209.3  | 168.3  | 162.8  | 165.5  | 171.0  | 176.5  | 179.9  |
| 57.5° | 836.6  | 606.8  | 416.6  | 256.5  | 175.1  | 161.4  | 161.4  | 164.9  | 169.6  | 175.1  | 177.9  |
| 60°   | 922.1  | 598.6  | 345.5  | 198.4  | 158.0  | 156.0  | 160.8  | 164.9  | 169.0  | 173.8  | 176.5  |
| 62.5° | 927.6  | 577.4  | 273.6  | 164.2  | 149.1  | 152.5  | 160.1  | 165.5  | 166.9  | 170.3  | 173.8  |
| 65°   | 852.4  | 503.5  | 217.5  | 147.1  | 145.0  | 150.5  | 158.0  | 162.1  | 162.8  | 164.2  | 167.6  |
| 67.5° | 746.3  | 410.4  | 175.8  | 138.9  | 140.9  | 147.1  | 151.2  | 154.6  | 156.7  | 160.1  | 160.8  |
| 70°   | 612.9  | 329.7  | 150.5  | 130.7  | 132.7  | 139.6  | 143.0  | 146.4  | 150.5  | 154.6  | 152.5  |
| 72.5° | 434.4  | 256.5  | 132.0  | 121.8  | 124.5  | 130.7  | 134.8  | 137.5  | 140.9  | 145.0  | 142.3  |
| 75°   | 184.7  | 179.2  | 114.2  | 110.1  | 114.2  | 118.3  | 122.4  | 126.6  | 130.0  | 132.0  | 132.0  |
| 77.5° | 94.4   | 105.3  | 98.5   | 98.5   | 101.2  | 105.3  | 108.8  | 112.9  | 114.9  | 117.0  | 119.7  |
| 80°   | 80.0   | 81.4   | 82.8   | 85.5   | 88.2   | 92.3   | 95.8   | 99.2   | 99.9   | 100.6  | 101.9  |
| 82.5° | 66.4   | 69.1   | 70.5   | 74.6   | 76.6   | 78.0   | 80.0   | 80.0   | 81.4   | 81.4   | 79.4   |
| 85°   | 47.9   | 51.3   | 53.4   | 54.0   | 53.4   | 54.0   | 54.7   | 56.1   | 59.5   | 59.5   | 56.8   |
| 87.5° | 13.7   | 13.0   | 16.4   | 17.1   | 18.5   | 21.2   | 23.9   | 28.7   | 30.1   | 31.5   | 31.5   |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |



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**CANDELA DISTRIBUTION (continued):**

|       | 165°   | 170°   | 175°   | 180°   |
|-------|--------|--------|--------|--------|
| 0°    | 1293.6 | 1293.6 | 1293.6 | 1293.6 |
| 2.5°  | 1276.5 | 1277.8 | 1275.1 | 1275.8 |
| 5°    | 1257.3 | 1260.1 | 1256.6 | 1260.7 |
| 7.5°  | 1232.7 | 1236.8 | 1236.1 | 1235.4 |
| 10°   | 1197.1 | 1202.6 | 1202.6 | 1204.6 |
| 12.5° | 1152.0 | 1155.4 | 1158.1 | 1159.5 |
| 15°   | 1091.1 | 1097.2 | 1100.7 | 1100.7 |
| 17.5° | 1017.9 | 1022.0 | 1024.1 | 1021.3 |
| 20°   | 924.9  | 923.5  | 924.2  | 917.3  |
| 22.5° | 817.5  | 819.5  | 813.4  | 814.7  |
| 25°   | 712.1  | 708.7  | 711.4  | 707.3  |
| 27.5° | 610.2  | 610.9  | 603.4  | 606.8  |
| 30°   | 513.1  | 509.6  | 500.1  | 504.8  |
| 32.5° | 419.3  | 410.4  | 400.2  | 394.0  |
| 35°   | 331.1  | 317.4  | 312.6  | 310.6  |
| 37.5° | 259.9  | 244.9  | 240.1  | 234.6  |
| 40°   | 206.6  | 201.1  | 199.1  | 200.4  |
| 42.5° | 185.4  | 185.4  | 186.8  | 187.4  |
| 45°   | 179.9  | 182.0  | 184.0  | 184.7  |
| 47.5° | 180.6  | 182.6  | 185.4  | 186.1  |
| 50°   | 182.0  | 184.0  | 186.1  | 186.8  |
| 52.5° | 182.6  | 182.6  | 184.0  | 184.7  |
| 55°   | 181.3  | 180.6  | 181.3  | 182.0  |
| 57.5° | 178.5  | 177.2  | 177.9  | 179.9  |
| 60°   | 177.2  | 175.1  | 176.5  | 177.9  |
| 62.5° | 173.8  | 173.1  | 174.4  | 175.1  |
| 65°   | 166.2  | 166.9  | 169.0  | 169.0  |
| 67.5° | 159.4  | 160.1  | 160.8  | 161.4  |
| 70°   | 151.2  | 151.9  | 153.2  | 153.9  |
| 72.5° | 141.6  | 144.3  | 146.4  | 149.1  |
| 75°   | 134.1  | 136.8  | 140.9  | 143.7  |
| 77.5° | 121.1  | 123.1  | 127.9  | 131.3  |
| 80°   | 102.6  | 101.9  | 102.6  | 104.7  |
| 82.5° | 78.7   | 78.7   | 78.0   | 77.3   |
| 85°   | 55.4   | 54.7   | 52.7   | 52.7   |
| 87.5° | 30.1   | 29.4   | 28.7   | 27.4   |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    |

(END OF REPORT)