

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: P962116

Luminaire Tested: **NVN-SB2B-835-U-SLR**

Issue Date: 1/21/2025

**Test Information**

Test Method: LM-79-08  
Report Number: P962116  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-8)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/21/2025  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: NVN-SB2B-835-U-SLR  
Description: NAVION ROADWAY AND AREA HIGH DENSITY LED LUMINAIRE  
(2) 80 CRI, 3500K, 450mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT  
ELIMINATOR RIGHT OPTICS  
Light Source: -  
Ballast/Driver: -

**Summary**

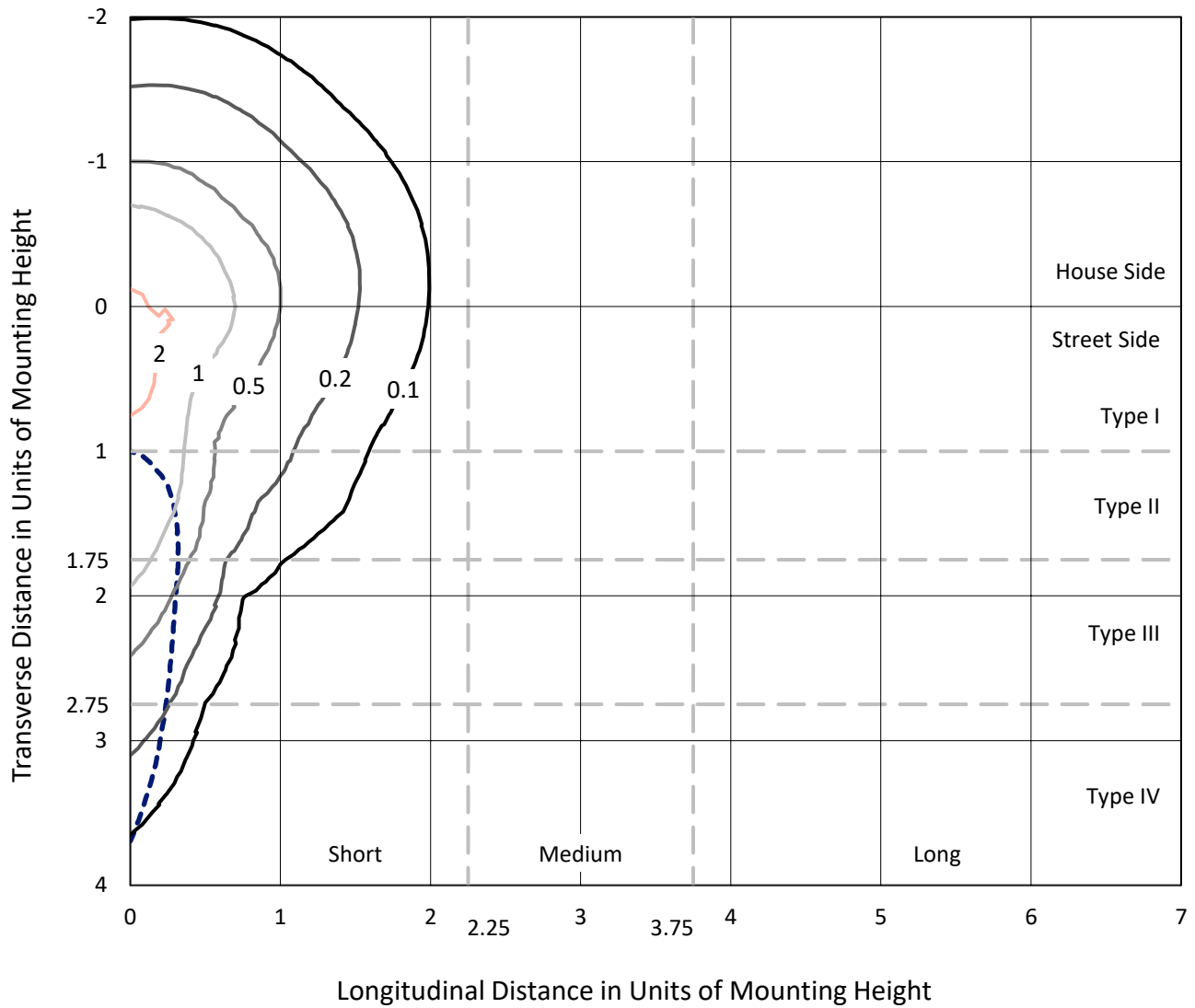
Lumens per Lamp: N/A  
Luminaire Lumens: 10668.2 lumens  
Efficiency: N/A  
Efficacy: 144.4 lumens/watt  
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B2 - U0 - G3  
  
Input Watts (W): 73.9  
Input Voltage (V): NR  
Input Current (Ain): NR  
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: 24 FT



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### Iso-Footcandle Lines of Horizontal Illumination

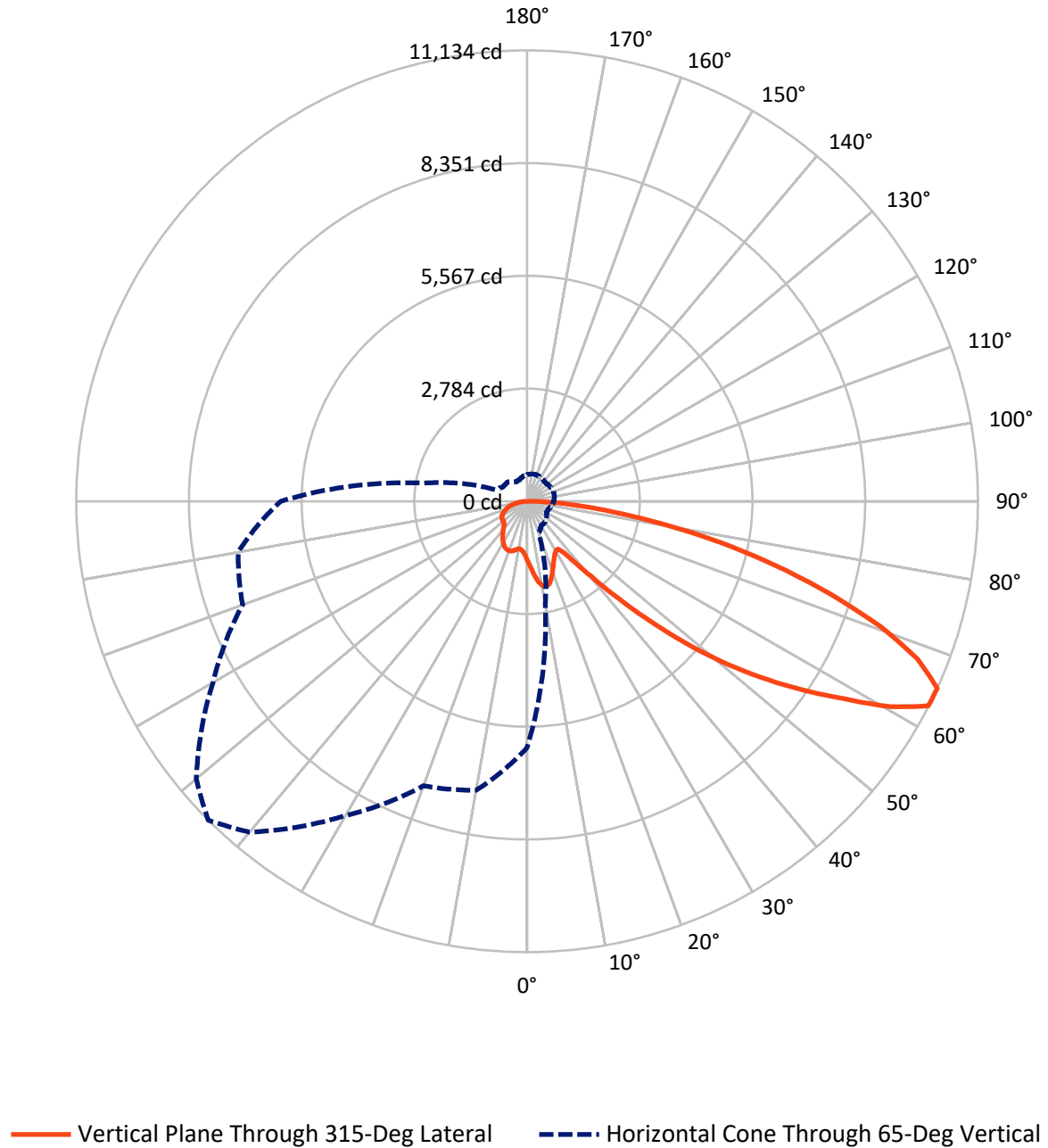
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 2.9 fc  
 Type IV - Short - N/A

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### Luminous Intensity Polar Plot



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**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total   |
|--------------------|-----------|----------|--------|---------|
| <b>House Side</b>  | Lumens    | 2711.3   | 0.0    | 2711.3  |
|                    | % Fixture | 25.4     | 0.0    | 25.4    |
| <b>Street Side</b> | Lumens    | 7956.9   | 0.0    | 7956.9  |
|                    | % Fixture | 74.6     | 0.0    | 74.6    |
| <b>Total</b>       | Lumens    | 10668.2  | 0.0    | 10668.2 |
|                    | % Fixture | 100.0    | 0.0    | 100.0   |

**Coefficient of Utilization**

**ZONAL LUMENS:**

| Zone      | Lumens  | % Fixture |
|-----------|---------|-----------|
| 0°-10°    | 145.5   | 1.4       |
| 10°-20°   | 456.8   | 4.3       |
| 20°-30°   | 705.6   | 6.6       |
| 30°-40°   | 894.2   | 8.4       |
| 40°-50°   | 1348.7  | 12.6      |
| 50°-60°   | 2179.0  | 20.4      |
| 60°-70°   | 2716.5  | 25.5      |
| 70°-80°   | 1781.4  | 16.7      |
| 80°-90°   | 440.4   | 4.1       |
| 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°    | 10668.2 | 100.0     |
| 0°-180°   | 10668.2 | 100.0     |



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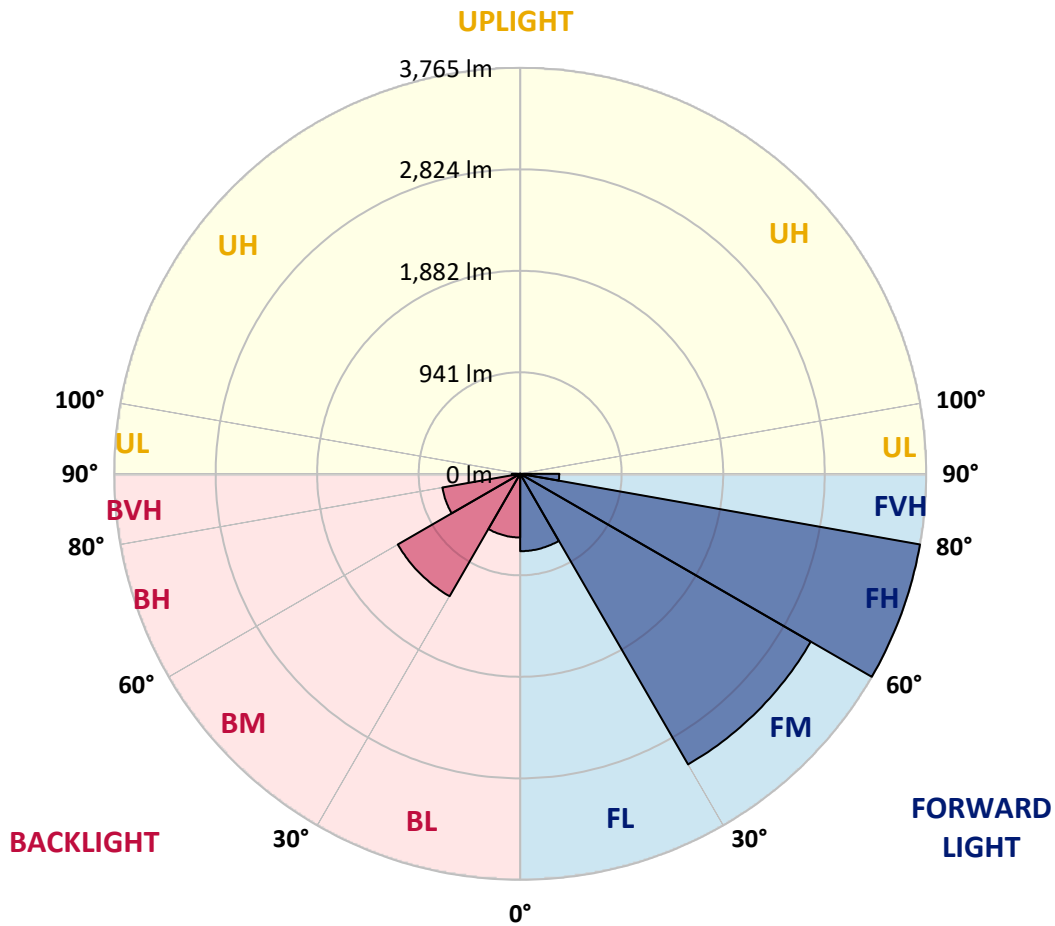
CATALOG NUMBER: NVN-SB2B-835-U-SLR

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

| Zone           | Lumens | % Fixture | Zone Rating/Lumen Limit |      |         |
|----------------|--------|-----------|-------------------------|------|---------|
|                |        |           | B                       | U    | G       |
| FL (0°-30°)    | 717.6  | 6.7       |                         |      |         |
| FM (30°-60°)   | 3111.7 | 29.2      |                         |      |         |
| FH (60°-80°)   | 3764.8 | 35.3      |                         |      | G2/5000 |
| FVH (80°-90°)  | 362.8  | 3.4       |                         |      | G3/500  |
| BL (0°-30°)    | 590.4  | 5.5       | B2/1000                 |      |         |
| BM (30°-60°)   | 1310.3 | 12.3      | B2/2500                 |      |         |
| BH (60°-80°)   | 733.0  | 6.9       | B2/1000                 |      | G2/1000 |
| BVH (80°-90°)  | 77.6   | 0.7       |                         |      | G1/100  |
| UL (90°-100°)  | 0.0    | 0.0       |                         | U0/0 |         |
| UH (100°-180°) | 0.0    | 0.0       |                         | U0/0 |         |

**BUG Rating: B2-U0-G3**

Type IV Short



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**CANDELA DISTRIBUTION (FULL):**

|       | 0°     | 5°     | 10°    | 15°    | 20°    | 25°    | 30°    | 35°    | 40°    | 45°    | 50°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1467.0 | 1467.0 | 1467.0 | 1467.0 | 1467.0 | 1467.0 | 1467.0 | 1467.0 | 1467.0 | 1467.0 | 1467.0 |
| 2.5°  | 1577.6 | 1565.5 | 1553.4 | 1540.5 | 1527.7 | 1514.7 | 1501.7 | 1489.3 | 1477.0 | 1465.0 | 1451.7 |
| 5°    | 1696.4 | 1669.6 | 1642.9 | 1616.2 | 1589.6 | 1562.7 | 1536.0 | 1510.8 | 1485.8 | 1462.2 | 1438.8 |
| 7.5°  | 1815.7 | 1771.6 | 1727.5 | 1686.7 | 1645.9 | 1606.3 | 1566.6 | 1531.7 | 1496.7 | 1464.4 | 1434.2 |
| 10°   | 1907.2 | 1851.4 | 1795.6 | 1741.7 | 1687.9 | 1639.7 | 1591.5 | 1550.2 | 1508.7 | 1468.9 | 1436.4 |
| 12.5° | 1963.2 | 1901.9 | 1840.6 | 1779.6 | 1718.6 | 1661.7 | 1604.8 | 1558.1 | 1511.4 | 1469.5 | 1439.3 |
| 15°   | 1997.2 | 1933.4 | 1869.5 | 1803.3 | 1737.1 | 1671.6 | 1606.1 | 1552.0 | 1497.8 | 1451.5 | 1427.3 |
| 17.5° | 2016.4 | 1951.6 | 1886.8 | 1814.6 | 1742.4 | 1666.3 | 1590.4 | 1525.2 | 1460.1 | 1405.6 | 1390.7 |
| 20°   | 2037.5 | 1970.2 | 1902.8 | 1823.4 | 1744.0 | 1652.0 | 1559.8 | 1479.2 | 1398.4 | 1335.0 | 1331.1 |
| 22.5° | 2062.0 | 1993.2 | 1924.3 | 1835.4 | 1746.3 | 1634.3 | 1522.2 | 1425.1 | 1327.8 | 1255.6 | 1263.3 |
| 25°   | 2093.5 | 2026.0 | 1958.7 | 1857.0 | 1755.2 | 1616.8 | 1478.5 | 1364.6 | 1250.8 | 1176.8 | 1197.6 |
| 27.5° | 2136.3 | 2072.0 | 2007.7 | 1890.7 | 1773.8 | 1605.1 | 1436.5 | 1309.4 | 1182.2 | 1114.9 | 1140.2 |
| 30°   | 2194.0 | 2131.8 | 2069.8 | 1934.5 | 1799.2 | 1599.7 | 1400.0 | 1263.2 | 1126.4 | 1069.8 | 1089.7 |
| 32.5° | 2262.1 | 2200.6 | 2139.1 | 1980.1 | 1821.1 | 1593.0 | 1364.6 | 1223.4 | 1082.2 | 1036.6 | 1045.5 |
| 35°   | 2344.9 | 2286.0 | 2227.0 | 2032.2 | 1837.2 | 1580.2 | 1323.3 | 1184.3 | 1045.3 | 1007.4 | 1003.7 |
| 37.5° | 2484.2 | 2409.1 | 2334.0 | 2090.4 | 1846.8 | 1558.4 | 1270.1 | 1138.3 | 1006.6 | 973.2  | 959.9  |
| 40°   | 2694.7 | 2585.3 | 2475.8 | 2164.4 | 1852.9 | 1528.5 | 1204.1 | 1083.3 | 962.6  | 932.4  | 911.9  |
| 42.5° | 2973.9 | 2816.0 | 2658.0 | 2261.1 | 1864.3 | 1497.5 | 1130.8 | 1022.7 | 914.6  | 886.8  | 861.0  |
| 45°   | 3318.7 | 3105.6 | 2892.5 | 2388.5 | 1884.4 | 1468.7 | 1053.1 | 958.3  | 863.6  | 835.4  | 810.4  |
| 47.5° | 3749.9 | 3450.0 | 3150.1 | 2524.2 | 1898.2 | 1444.9 | 991.8  | 907.3  | 823.0  | 786.7  | 765.2  |
| 50°   | 4315.0 | 3863.0 | 3410.9 | 2650.0 | 1889.2 | 1419.1 | 948.9  | 873.5  | 798.1  | 750.4  | 725.3  |
| 52.5° | 4963.9 | 4296.8 | 3629.7 | 2731.7 | 1833.7 | 1375.3 | 917.0  | 851.3  | 785.6  | 730.6  | 695.7  |
| 55°   | 5654.5 | 4681.4 | 3708.2 | 2713.7 | 1719.1 | 1302.8 | 886.5  | 835.1  | 783.7  | 732.7  | 679.9  |
| 57.5° | 6282.7 | 4953.9 | 3625.1 | 2587.0 | 1548.9 | 1200.6 | 852.3  | 816.0  | 779.6  | 734.6  | 670.5  |
| 60°   | 6662.4 | 5022.0 | 3381.6 | 2351.0 | 1320.5 | 1067.8 | 815.2  | 786.7  | 758.1  | 728.5  | 661.5  |
| 62.5° | 6469.6 | 4735.2 | 3000.8 | 2032.1 | 1063.2 | 909.0  | 754.8  | 735.7  | 716.9  | 713.2  | 651.2  |
| 65°   | 6083.8 | 4329.4 | 2575.1 | 1706.5 | 838.0  | 766.1  | 694.1  | 685.1  | 676.2  | 676.6  | 629.3  |
| 67.5° | 5566.7 | 3846.5 | 2126.3 | 1387.7 | 649.1  | 628.7  | 608.2  | 613.3  | 618.2  | 616.9  | 590.4  |
| 70°   | 4945.5 | 3319.6 | 1693.5 | 1092.6 | 491.7  | 497.5  | 503.4  | 526.5  | 549.7  | 549.7  | 541.0  |
| 72.5° | 4205.3 | 2748.3 | 1291.3 | 835.3  | 379.2  | 396.9  | 414.6  | 447.5  | 480.3  | 485.8  | 486.0  |
| 75°   | 3268.8 | 2093.5 | 918.0  | 606.3  | 294.5  | 310.5  | 326.5  | 363.3  | 400.2  | 425.6  | 423.4  |
| 77.5° | 2335.6 | 1465.2 | 594.9  | 410.8  | 226.7  | 237.6  | 248.6  | 284.2  | 320.0  | 361.9  | 360.8  |
| 80°   | 1528.6 | 944.0  | 359.5  | 264.7  | 170.0  | 174.5  | 179.0  | 209.3  | 239.5  | 289.7  | 289.5  |
| 82.5° | 888.6  | 546.3  | 204.2  | 162.8  | 121.5  | 122.3  | 123.2  | 145.4  | 167.8  | 210.5  | 212.9  |
| 85°   | 390.9  | 245.8  | 100.7  | 87.0   | 73.5   | 73.1   | 72.6   | 89.0   | 105.3  | 137.0  | 140.1  |
| 87.5° | 121.1  | 80.5   | 40.0   | 36.1   | 32.2   | 31.8   | 31.4   | 38.0   | 44.8   | 58.0   | 61.9   |
| 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°    | 1467.0 | 1467.0 | 1467.0 | 1467.0 | 1467.0 | 1467.0 | 1467.0 | 1467.0 | 1467.0 | 1467.0 | 1467.0 |
| 2.5°  | 1440.8 | 1430.1 | 1420.3 | 1410.7 | 1402.2 | 1393.7 | 1385.1 | 1376.6 | 1370.0 | 1363.4 | 1358.0 |
| 5°    | 1418.4 | 1398.0 | 1380.9 | 1363.9 | 1348.8 | 1333.6 | 1320.0 | 1306.3 | 1295.7 | 1285.1 | 1277.8 |
| 7.5°  | 1407.1 | 1380.0 | 1357.5 | 1335.0 | 1316.0 | 1296.9 | 1280.2 | 1263.5 | 1250.9 | 1238.4 | 1229.7 |
| 10°   | 1407.8 | 1379.2 | 1356.8 | 1334.2 | 1313.8 | 1293.3 | 1274.5 | 1255.6 | 1240.7 | 1225.6 | 1215.8 |
| 12.5° | 1415.8 | 1392.6 | 1377.6 | 1362.7 | 1346.6 | 1330.7 | 1311.1 | 1291.6 | 1272.4 | 1253.4 | 1240.7 |
| 15°   | 1416.0 | 1405.0 | 1406.9 | 1409.0 | 1404.9 | 1400.7 | 1383.7 | 1366.7 | 1339.6 | 1312.3 | 1293.0 |
| 17.5° | 1394.8 | 1398.8 | 1423.4 | 1447.9 | 1461.0 | 1474.1 | 1460.3 | 1446.7 | 1410.6 | 1374.5 | 1346.1 |
| 20°   | 1350.1 | 1369.3 | 1411.9 | 1454.6 | 1481.8 | 1509.2 | 1502.9 | 1496.5 | 1455.3 | 1414.1 | 1379.2 |
| 22.5° | 1291.6 | 1319.9 | 1368.6 | 1417.4 | 1452.8 | 1488.4 | 1492.2 | 1496.0 | 1456.5 | 1417.2 | 1381.4 |
| 25°   | 1230.3 | 1262.9 | 1306.7 | 1350.4 | 1385.4 | 1420.3 | 1433.5 | 1446.4 | 1414.1 | 1381.9 | 1350.0 |
| 27.5° | 1171.7 | 1203.2 | 1239.2 | 1275.1 | 1303.2 | 1331.2 | 1345.7 | 1360.3 | 1337.3 | 1314.3 | 1289.6 |
| 30°   | 1114.7 | 1139.8 | 1169.6 | 1199.5 | 1222.7 | 1246.0 | 1257.9 | 1269.7 | 1252.1 | 1234.6 | 1216.9 |
| 32.5° | 1060.3 | 1075.0 | 1098.9 | 1122.8 | 1145.0 | 1167.4 | 1180.5 | 1193.7 | 1177.6 | 1161.4 | 1147.3 |
| 35°   | 1007.8 | 1011.9 | 1030.0 | 1048.2 | 1070.2 | 1092.3 | 1108.1 | 1123.9 | 1112.4 | 1101.0 | 1087.9 |
| 37.5° | 955.4  | 950.9  | 963.9  | 976.9  | 999.0  | 1021.0 | 1040.5 | 1060.0 | 1054.7 | 1049.4 | 1037.4 |
| 40°   | 901.7  | 891.5  | 901.0  | 910.4  | 931.6  | 952.9  | 975.3  | 997.7  | 999.1  | 1000.3 | 990.1  |
| 42.5° | 847.5  | 833.9  | 841.6  | 849.3  | 869.5  | 889.7  | 913.9  | 938.1  | 944.5  | 951.1  | 942.5  |
| 45°   | 797.1  | 784.0  | 790.5  | 796.9  | 816.1  | 835.3  | 860.4  | 885.5  | 894.7  | 904.0  | 896.3  |
| 47.5° | 754.1  | 743.0  | 749.2  | 755.1  | 773.9  | 792.6  | 817.3  | 842.1  | 852.8  | 863.6  | 858.1  |
| 50°   | 715.6  | 705.8  | 715.2  | 724.8  | 742.4  | 760.0  | 782.3  | 804.4  | 818.2  | 831.9  | 831.6  |
| 52.5° | 685.9  | 676.4  | 690.5  | 704.8  | 721.0  | 737.2  | 757.8  | 778.5  | 794.8  | 811.1  | 814.0  |
| 55°   | 664.6  | 649.3  | 669.5  | 689.7  | 707.1  | 724.6  | 742.7  | 760.8  | 778.0  | 795.3  | 799.4  |
| 57.5° | 648.1  | 625.9  | 647.6  | 669.3  | 689.8  | 710.3  | 728.2  | 746.2  | 763.5  | 780.8  | 784.9  |
| 60°   | 632.6  | 603.7  | 622.8  | 641.9  | 665.3  | 688.9  | 707.0  | 725.3  | 742.8  | 760.2  | 764.8  |
| 62.5° | 615.0  | 578.9  | 591.0  | 603.2  | 630.6  | 658.0  | 677.5  | 696.9  | 712.9  | 728.9  | 733.2  |
| 65°   | 590.9  | 552.5  | 557.2  | 561.8  | 591.2  | 620.6  | 639.2  | 657.7  | 671.9  | 685.9  | 690.3  |
| 67.5° | 558.4  | 526.4  | 525.0  | 523.5  | 550.6  | 577.8  | 595.4  | 613.1  | 625.1  | 637.3  | 641.6  |
| 70°   | 518.2  | 495.5  | 490.5  | 485.3  | 509.2  | 533.1  | 548.3  | 563.4  | 574.4  | 585.5  | 589.6  |
| 72.5° | 470.3  | 454.7  | 447.3  | 439.9  | 458.7  | 477.4  | 491.2  | 504.9  | 515.7  | 526.4  | 531.4  |
| 75°   | 411.4  | 399.4  | 392.3  | 385.2  | 399.1  | 413.1  | 425.5  | 438.0  | 447.7  | 457.6  | 462.7  |
| 77.5° | 351.2  | 341.5  | 334.4  | 327.2  | 338.6  | 349.8  | 360.6  | 371.3  | 381.5  | 391.8  | 396.7  |
| 80°   | 281.4  | 273.3  | 267.3  | 261.2  | 270.7  | 280.0  | 289.0  | 298.1  | 305.9  | 313.6  | 320.1  |
| 82.5° | 209.0  | 205.0  | 200.7  | 196.5  | 195.7  | 194.9  | 191.8  | 188.6  | 205.2  | 221.9  | 232.8  |
| 85°   | 135.9  | 131.7  | 126.9  | 122.2  | 118.1  | 114.0  | 105.3  | 96.6   | 112.1  | 127.8  | 141.2  |
| 87.5° | 60.3   | 58.5   | 57.6   | 56.8   | 56.6   | 56.4   | 49.7   | 43.0   | 49.6   | 56.2   | 61.6   |
| 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°    | 1467.0 | 1467.0 | 1467.0 | 1467.0 | 1467.0 | 1467.0 | 1467.0 | 1467.0 | 1467.0 | 1467.0 | 1467.0 |
| 2.5°  | 1352.7 | 1348.5 | 1344.4 | 1340.5 | 1336.7 | 1331.9 | 1336.7 | 1340.5 | 1344.4 | 1348.5 | 1352.7 |
| 5°    | 1270.4 | 1265.2 | 1259.9 | 1255.9 | 1251.9 | 1248.0 | 1251.9 | 1255.9 | 1259.9 | 1265.2 | 1270.4 |
| 7.5°  | 1220.9 | 1214.8 | 1208.9 | 1205.3 | 1201.7 | 1199.0 | 1201.7 | 1205.3 | 1208.9 | 1214.8 | 1220.9 |
| 10°   | 1205.9 | 1200.2 | 1194.5 | 1191.5 | 1188.5 | 1187.2 | 1188.5 | 1191.5 | 1194.5 | 1200.2 | 1205.9 |
| 12.5° | 1228.1 | 1221.7 | 1215.3 | 1212.8 | 1210.1 | 1209.7 | 1210.1 | 1212.8 | 1215.3 | 1221.7 | 1228.1 |
| 15°   | 1273.8 | 1265.0 | 1256.1 | 1252.8 | 1249.4 | 1249.2 | 1249.4 | 1252.8 | 1256.1 | 1265.0 | 1273.8 |
| 17.5° | 1317.8 | 1304.7 | 1291.6 | 1287.3 | 1283.0 | 1282.4 | 1283.0 | 1287.3 | 1291.6 | 1304.7 | 1317.8 |
| 20°   | 1344.5 | 1327.8 | 1311.1 | 1305.6 | 1300.3 | 1298.7 | 1300.3 | 1305.6 | 1311.1 | 1327.8 | 1344.5 |
| 22.5° | 1345.5 | 1327.9 | 1310.2 | 1304.3 | 1298.4 | 1295.8 | 1298.4 | 1304.3 | 1310.2 | 1327.9 | 1345.5 |
| 25°   | 1318.3 | 1303.0 | 1287.7 | 1282.1 | 1276.6 | 1273.4 | 1276.6 | 1282.1 | 1287.7 | 1303.0 | 1318.3 |
| 27.5° | 1264.8 | 1254.6 | 1244.4 | 1241.8 | 1239.2 | 1238.4 | 1239.2 | 1241.8 | 1244.4 | 1254.6 | 1264.8 |
| 30°   | 1199.1 | 1193.9 | 1188.6 | 1188.6 | 1188.6 | 1189.4 | 1188.6 | 1188.6 | 1188.6 | 1193.9 | 1199.1 |
| 32.5° | 1133.1 | 1129.8 | 1126.3 | 1126.8 | 1127.3 | 1128.1 | 1127.3 | 1126.8 | 1126.3 | 1129.8 | 1133.1 |
| 35°   | 1074.9 | 1069.7 | 1064.5 | 1063.3 | 1062.2 | 1061.7 | 1062.2 | 1063.3 | 1064.5 | 1069.7 | 1074.9 |
| 37.5° | 1025.3 | 1015.9 | 1006.3 | 1001.4 | 996.4  | 993.5  | 996.4  | 1001.4 | 1006.3 | 1015.9 | 1025.3 |
| 40°   | 979.9  | 966.1  | 952.3  | 943.0  | 933.8  | 928.2  | 933.8  | 943.0  | 952.3  | 966.1  | 979.9  |
| 42.5° | 933.9  | 916.8  | 899.5  | 886.0  | 872.4  | 863.6  | 872.4  | 886.0  | 899.5  | 916.8  | 933.9  |
| 45°   | 888.6  | 868.9  | 849.3  | 833.4  | 817.4  | 807.2  | 817.4  | 833.4  | 849.3  | 868.9  | 888.6  |
| 47.5° | 852.7  | 835.3  | 817.8  | 803.1  | 788.3  | 778.5  | 788.3  | 803.1  | 817.8  | 835.3  | 852.7  |
| 50°   | 831.3  | 817.3  | 803.4  | 789.8  | 776.1  | 766.7  | 776.1  | 789.8  | 803.4  | 817.3  | 831.3  |
| 52.5° | 816.9  | 805.5  | 794.2  | 782.0  | 769.8  | 761.1  | 769.8  | 782.0  | 794.2  | 805.5  | 816.9  |
| 55°   | 803.4  | 793.5  | 783.6  | 772.8  | 762.2  | 754.3  | 762.2  | 772.8  | 783.6  | 793.5  | 803.4  |
| 57.5° | 789.1  | 779.1  | 769.1  | 758.5  | 747.8  | 739.6  | 747.8  | 758.5  | 769.1  | 779.1  | 789.1  |
| 60°   | 769.3  | 759.4  | 749.7  | 738.8  | 727.9  | 719.4  | 727.9  | 738.8  | 749.7  | 759.4  | 769.3  |
| 62.5° | 737.5  | 728.7  | 719.9  | 708.4  | 696.9  | 686.7  | 696.9  | 708.4  | 719.9  | 728.7  | 737.5  |
| 65°   | 694.7  | 686.2  | 677.7  | 666.7  | 655.5  | 646.8  | 655.5  | 666.7  | 677.7  | 686.2  | 694.7  |
| 67.5° | 646.0  | 638.2  | 630.4  | 620.0  | 609.7  | 601.8  | 609.7  | 620.0  | 630.4  | 638.2  | 646.0  |
| 70°   | 593.8  | 587.4  | 581.1  | 571.1  | 561.2  | 552.3  | 561.2  | 571.1  | 581.1  | 587.4  | 593.8  |
| 72.5° | 536.4  | 531.1  | 525.7  | 516.3  | 506.9  | 498.2  | 506.9  | 516.3  | 525.7  | 531.1  | 536.4  |
| 75°   | 467.9  | 465.4  | 462.7  | 454.8  | 446.8  | 438.5  | 446.8  | 454.8  | 462.7  | 465.4  | 467.9  |
| 77.5° | 401.5  | 397.9  | 394.1  | 386.1  | 378.1  | 371.6  | 378.1  | 386.1  | 394.1  | 397.9  | 401.5  |
| 80°   | 326.5  | 324.9  | 323.4  | 312.6  | 301.9  | 289.4  | 301.9  | 312.6  | 323.4  | 324.9  | 326.5  |
| 82.5° | 243.7  | 243.0  | 242.3  | 233.3  | 224.2  | 216.2  | 224.2  | 233.3  | 242.3  | 243.0  | 243.7  |
| 85°   | 154.8  | 153.6  | 152.5  | 145.4  | 138.4  | 131.2  | 138.4  | 145.4  | 152.5  | 153.6  | 154.8  |
| 87.5° | 67.1   | 65.7   | 64.3   | 60.7   | 57.0   | 53.5   | 57.0   | 60.7   | 64.3   | 65.7   | 67.1   |
| 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°   | 185°   | 190°   | 195°   | 200°   | 205°   | 210°   | 215°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1467.0 | 1467.0 | 1467.0 | 1467.0 | 1467.0 | 1467.0 | 1467.0 | 1467.0 | 1467.0 | 1467.0 | 1467.0 |
| 2.5°  | 1358.0 | 1363.4 | 1370.0 | 1376.6 | 1385.1 | 1393.7 | 1402.2 | 1410.7 | 1420.3 | 1430.1 | 1440.8 |
| 5°    | 1277.8 | 1285.1 | 1295.7 | 1306.3 | 1320.0 | 1333.6 | 1348.8 | 1363.9 | 1380.9 | 1398.0 | 1418.4 |
| 7.5°  | 1229.7 | 1238.4 | 1250.9 | 1263.5 | 1280.2 | 1296.9 | 1316.0 | 1335.0 | 1357.5 | 1380.0 | 1407.1 |
| 10°   | 1215.8 | 1225.6 | 1240.7 | 1255.6 | 1274.5 | 1293.3 | 1313.8 | 1334.2 | 1356.8 | 1379.2 | 1407.8 |
| 12.5° | 1240.7 | 1253.4 | 1272.4 | 1291.6 | 1311.1 | 1330.7 | 1346.6 | 1362.7 | 1377.6 | 1392.6 | 1415.8 |
| 15°   | 1293.0 | 1312.3 | 1339.6 | 1366.7 | 1383.7 | 1400.7 | 1404.9 | 1409.0 | 1406.9 | 1405.0 | 1416.0 |
| 17.5° | 1346.1 | 1374.5 | 1410.6 | 1446.7 | 1460.3 | 1474.1 | 1461.0 | 1447.9 | 1423.4 | 1398.8 | 1394.8 |
| 20°   | 1379.2 | 1414.1 | 1455.3 | 1496.5 | 1502.9 | 1509.2 | 1481.8 | 1454.6 | 1411.9 | 1369.3 | 1350.1 |
| 22.5° | 1381.4 | 1417.2 | 1456.5 | 1496.0 | 1492.2 | 1488.4 | 1452.8 | 1417.4 | 1368.6 | 1319.9 | 1291.6 |
| 25°   | 1350.0 | 1381.9 | 1414.1 | 1446.4 | 1433.5 | 1420.3 | 1385.4 | 1350.4 | 1306.7 | 1262.9 | 1230.3 |
| 27.5° | 1289.6 | 1314.3 | 1337.3 | 1360.3 | 1345.7 | 1331.2 | 1303.2 | 1275.1 | 1239.2 | 1203.2 | 1171.7 |
| 30°   | 1216.9 | 1234.6 | 1252.1 | 1269.7 | 1257.9 | 1246.0 | 1222.7 | 1199.5 | 1169.6 | 1139.8 | 1114.7 |
| 32.5° | 1147.3 | 1161.4 | 1177.6 | 1193.7 | 1180.5 | 1167.4 | 1145.0 | 1122.8 | 1098.9 | 1075.0 | 1060.3 |
| 35°   | 1087.9 | 1101.0 | 1112.4 | 1123.9 | 1108.1 | 1092.3 | 1070.2 | 1048.2 | 1030.0 | 1011.9 | 1007.8 |
| 37.5° | 1037.4 | 1049.4 | 1054.7 | 1060.0 | 1040.5 | 1021.0 | 999.0  | 976.9  | 963.9  | 950.9  | 955.4  |
| 40°   | 990.1  | 1000.3 | 999.1  | 997.7  | 975.3  | 952.9  | 931.6  | 910.4  | 901.0  | 891.5  | 901.7  |
| 42.5° | 942.5  | 951.1  | 944.5  | 938.1  | 913.9  | 889.7  | 869.5  | 849.3  | 841.6  | 833.9  | 847.5  |
| 45°   | 896.3  | 904.0  | 894.7  | 885.5  | 860.4  | 835.3  | 816.1  | 796.9  | 790.5  | 784.0  | 797.1  |
| 47.5° | 858.1  | 863.6  | 852.8  | 842.1  | 817.3  | 792.6  | 773.9  | 755.1  | 749.2  | 743.0  | 754.1  |
| 50°   | 831.6  | 831.9  | 818.2  | 804.4  | 782.3  | 760.0  | 742.4  | 724.8  | 715.2  | 705.8  | 715.6  |
| 52.5° | 814.0  | 811.1  | 794.8  | 778.5  | 757.8  | 737.2  | 721.0  | 704.8  | 690.5  | 676.4  | 685.9  |
| 55°   | 799.4  | 795.3  | 778.0  | 760.8  | 742.7  | 724.6  | 707.1  | 689.7  | 669.5  | 649.3  | 664.6  |
| 57.5° | 784.9  | 780.8  | 763.5  | 746.2  | 728.2  | 710.3  | 689.8  | 669.3  | 647.6  | 625.9  | 648.1  |
| 60°   | 764.8  | 760.2  | 742.8  | 725.3  | 707.0  | 688.9  | 665.3  | 641.9  | 622.8  | 603.7  | 632.6  |
| 62.5° | 733.2  | 728.9  | 712.9  | 696.9  | 677.5  | 658.0  | 630.6  | 603.2  | 591.0  | 578.9  | 615.0  |
| 65°   | 690.3  | 685.9  | 671.9  | 657.7  | 639.2  | 620.6  | 591.2  | 561.8  | 557.2  | 552.5  | 590.9  |
| 67.5° | 641.6  | 637.3  | 625.1  | 613.1  | 595.4  | 577.8  | 550.6  | 523.5  | 525.0  | 526.4  | 558.4  |
| 70°   | 589.6  | 585.5  | 574.4  | 563.4  | 548.3  | 533.1  | 509.2  | 485.3  | 490.5  | 495.5  | 518.2  |
| 72.5° | 531.4  | 526.4  | 515.7  | 504.9  | 491.2  | 477.4  | 458.7  | 439.9  | 447.3  | 454.7  | 470.3  |
| 75°   | 462.7  | 457.6  | 447.7  | 438.0  | 425.5  | 413.1  | 399.1  | 385.2  | 392.3  | 399.4  | 411.4  |
| 77.5° | 396.7  | 391.8  | 381.5  | 371.3  | 360.6  | 349.8  | 338.6  | 327.2  | 334.4  | 341.5  | 351.2  |
| 80°   | 320.1  | 313.6  | 305.9  | 298.1  | 289.0  | 280.0  | 270.7  | 261.2  | 267.3  | 273.3  | 281.4  |
| 82.5° | 232.8  | 221.9  | 205.2  | 188.6  | 191.8  | 194.9  | 195.7  | 196.5  | 200.7  | 205.0  | 209.0  |
| 85°   | 141.2  | 127.8  | 112.1  | 96.6   | 105.3  | 114.0  | 118.1  | 122.2  | 126.9  | 131.7  | 135.9  |
| 87.5° | 61.6   | 56.2   | 49.6   | 43.0   | 49.7   | 56.4   | 56.6   | 56.8   | 57.6   | 58.5   | 60.3   |
| 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):**

|       | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   | 250°   | 255°   | 260°   | 265°   | 270°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1467.0 | 1467.0 | 1467.0 | 1467.0 | 1467.0 | 1467.0 | 1467.0 | 1467.0 | 1467.0 | 1467.0 | 1467.0 |
| 2.5°  | 1451.7 | 1465.0 | 1477.0 | 1489.3 | 1501.7 | 1514.7 | 1527.7 | 1540.5 | 1553.4 | 1565.5 | 1577.6 |
| 5°    | 1438.8 | 1462.2 | 1485.8 | 1510.8 | 1536.0 | 1562.7 | 1589.6 | 1616.2 | 1642.9 | 1669.6 | 1696.4 |
| 7.5°  | 1434.2 | 1464.4 | 1496.7 | 1531.7 | 1566.6 | 1606.3 | 1645.9 | 1686.7 | 1727.5 | 1771.6 | 1815.7 |
| 10°   | 1436.4 | 1468.9 | 1508.7 | 1550.2 | 1591.5 | 1639.7 | 1687.9 | 1741.7 | 1795.6 | 1851.4 | 1907.2 |
| 12.5° | 1439.3 | 1469.5 | 1511.4 | 1558.1 | 1604.8 | 1661.7 | 1718.6 | 1779.6 | 1840.6 | 1901.9 | 1963.2 |
| 15°   | 1427.3 | 1451.5 | 1497.8 | 1552.0 | 1606.1 | 1671.6 | 1737.1 | 1803.3 | 1869.5 | 1933.4 | 1997.2 |
| 17.5° | 1390.7 | 1405.6 | 1460.1 | 1525.2 | 1590.4 | 1666.3 | 1742.4 | 1814.6 | 1886.8 | 1951.6 | 2016.4 |
| 20°   | 1331.1 | 1335.0 | 1398.4 | 1479.2 | 1559.8 | 1652.0 | 1744.0 | 1823.4 | 1902.8 | 1970.2 | 2037.5 |
| 22.5° | 1263.3 | 1255.6 | 1327.8 | 1425.1 | 1522.2 | 1634.3 | 1746.3 | 1835.4 | 1924.3 | 1993.2 | 2062.0 |
| 25°   | 1197.6 | 1176.8 | 1250.8 | 1364.6 | 1478.5 | 1616.8 | 1755.2 | 1857.0 | 1958.7 | 2026.0 | 2093.5 |
| 27.5° | 1140.2 | 1114.9 | 1182.2 | 1309.4 | 1436.5 | 1605.1 | 1773.8 | 1890.7 | 2007.7 | 2072.0 | 2136.3 |
| 30°   | 1089.7 | 1069.8 | 1126.4 | 1263.2 | 1400.0 | 1599.7 | 1799.2 | 1934.5 | 2069.8 | 2131.8 | 2194.0 |
| 32.5° | 1045.5 | 1036.6 | 1082.2 | 1223.4 | 1364.6 | 1593.0 | 1821.1 | 1980.1 | 2139.1 | 2200.6 | 2262.1 |
| 35°   | 1003.7 | 1007.4 | 1045.3 | 1184.3 | 1323.3 | 1580.2 | 1837.2 | 2032.2 | 2227.0 | 2286.0 | 2344.9 |
| 37.5° | 959.9  | 973.2  | 1006.6 | 1138.3 | 1270.1 | 1558.4 | 1846.8 | 2090.4 | 2334.0 | 2409.1 | 2484.2 |
| 40°   | 911.9  | 932.4  | 962.6  | 1083.3 | 1204.1 | 1528.5 | 1852.9 | 2164.4 | 2475.8 | 2585.3 | 2694.7 |
| 42.5° | 861.0  | 886.8  | 914.6  | 1022.7 | 1130.8 | 1497.5 | 1864.3 | 2261.1 | 2658.0 | 2816.0 | 2973.9 |
| 45°   | 810.4  | 835.4  | 863.6  | 958.3  | 1053.1 | 1468.7 | 1884.4 | 2388.5 | 2892.5 | 3105.6 | 3318.7 |
| 47.5° | 765.2  | 786.7  | 823.0  | 907.3  | 991.8  | 1444.9 | 1898.2 | 2524.2 | 3150.1 | 3450.0 | 3749.9 |
| 50°   | 725.3  | 750.4  | 798.1  | 873.5  | 948.9  | 1419.1 | 1889.2 | 2650.0 | 3410.9 | 3863.0 | 4315.0 |
| 52.5° | 695.7  | 730.6  | 785.6  | 851.3  | 917.0  | 1375.3 | 1833.7 | 2731.7 | 3629.7 | 4296.8 | 4963.9 |
| 55°   | 679.9  | 732.7  | 783.7  | 835.1  | 886.5  | 1302.8 | 1719.1 | 2713.7 | 3708.2 | 4681.4 | 5654.5 |
| 57.5° | 670.5  | 734.6  | 779.6  | 816.0  | 852.3  | 1200.6 | 1548.9 | 2587.0 | 3625.1 | 4953.9 | 6282.7 |
| 60°   | 661.5  | 728.5  | 758.1  | 786.7  | 815.2  | 1067.8 | 1320.5 | 2351.0 | 3381.6 | 5022.0 | 6662.4 |
| 62.5° | 651.2  | 713.2  | 716.9  | 735.7  | 754.8  | 909.0  | 1063.2 | 2032.1 | 3000.8 | 4735.2 | 6469.6 |
| 65°   | 629.3  | 676.6  | 676.2  | 685.1  | 694.1  | 766.1  | 838.0  | 1706.5 | 2575.1 | 4329.4 | 6083.8 |
| 67.5° | 590.4  | 616.9  | 618.2  | 613.3  | 608.2  | 628.7  | 649.1  | 1387.7 | 2126.3 | 3846.5 | 5566.7 |
| 70°   | 541.0  | 549.7  | 549.7  | 526.5  | 503.4  | 497.5  | 491.7  | 1092.6 | 1693.5 | 3319.6 | 4945.5 |
| 72.5° | 486.0  | 485.8  | 480.3  | 447.5  | 414.6  | 396.9  | 379.2  | 835.3  | 1291.3 | 2748.3 | 4205.3 |
| 75°   | 423.4  | 425.6  | 400.2  | 363.3  | 326.5  | 310.5  | 294.5  | 606.3  | 918.0  | 2093.5 | 3268.8 |
| 77.5° | 360.8  | 361.9  | 320.0  | 284.2  | 248.6  | 237.6  | 226.7  | 410.8  | 594.9  | 1465.2 | 2335.6 |
| 80°   | 289.5  | 289.7  | 239.5  | 209.3  | 179.0  | 174.5  | 170.0  | 264.7  | 359.5  | 944.0  | 1528.6 |
| 82.5° | 212.9  | 210.5  | 167.8  | 145.4  | 123.2  | 122.3  | 121.5  | 162.8  | 204.2  | 546.3  | 888.6  |
| 85°   | 140.1  | 137.0  | 105.3  | 89.0   | 72.6   | 73.1   | 73.5   | 87.0   | 100.7  | 245.8  | 390.9  |
| 87.5° | 61.9   | 58.0   | 44.8   | 38.0   | 31.4   | 31.8   | 32.2   | 36.1   | 40.0   | 80.5   | 121.1  |
| 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):**

|       | 275°   | 280°   | 285°   | 290°   | 295°   | 300°   | 305°   | 310°    | 315°    | 320°    | 325°   |
|-------|--------|--------|--------|--------|--------|--------|--------|---------|---------|---------|--------|
| 0°    | 1467.0 | 1467.0 | 1467.0 | 1467.0 | 1467.0 | 1467.0 | 1467.0 | 1467.0  | 1467.0  | 1467.0  | 1467.0 |
| 2.5°  | 1583.5 | 1589.6 | 1598.1 | 1606.6 | 1611.6 | 1616.7 | 1619.2 | 1621.8  | 1620.6  | 1621.8  | 1619.2 |
| 5°    | 1717.3 | 1738.2 | 1758.9 | 1779.7 | 1790.9 | 1802.2 | 1809.0 | 1815.9  | 1821.0  | 1815.9  | 1809.0 |
| 7.5°  | 1849.7 | 1883.6 | 1914.2 | 1944.7 | 1963.2 | 1981.6 | 1991.6 | 2001.4  | 2006.2  | 2001.4  | 1991.6 |
| 10°   | 1947.4 | 1987.6 | 2023.5 | 2059.2 | 2081.0 | 2102.6 | 2112.3 | 2122.0  | 2125.5  | 2122.0  | 2112.3 |
| 12.5° | 2006.7 | 2050.3 | 2082.7 | 2115.0 | 2130.8 | 2146.6 | 2151.8 | 2157.1  | 2157.6  | 2157.1  | 2151.8 |
| 15°   | 2034.8 | 2072.3 | 2092.7 | 2113.1 | 2113.7 | 2114.2 | 2108.6 | 2103.0  | 2096.3  | 2103.0  | 2108.6 |
| 17.5° | 2041.8 | 2067.1 | 2067.5 | 2067.9 | 2045.1 | 2022.3 | 2001.4 | 1980.5  | 1965.7  | 1980.5  | 2001.4 |
| 20°   | 2046.3 | 2055.2 | 2028.5 | 2001.7 | 1951.4 | 1901.1 | 1864.5 | 1827.8  | 1805.3  | 1827.8  | 1864.5 |
| 22.5° | 2050.4 | 2038.8 | 1983.4 | 1928.0 | 1854.0 | 1779.9 | 1734.1 | 1688.3  | 1663.5  | 1688.3  | 1734.1 |
| 25°   | 2056.9 | 2020.3 | 1936.2 | 1852.1 | 1762.2 | 1672.3 | 1624.1 | 1576.0  | 1552.6  | 1576.0  | 1624.1 |
| 27.5° | 2070.9 | 2005.4 | 1894.0 | 1782.7 | 1683.0 | 1583.4 | 1536.0 | 1488.6  | 1466.4  | 1488.6  | 1536.0 |
| 30°   | 2096.4 | 1999.0 | 1861.8 | 1724.7 | 1620.8 | 1517.1 | 1473.1 | 1429.2  | 1408.5  | 1429.2  | 1473.1 |
| 32.5° | 2128.5 | 1995.0 | 1839.9 | 1684.7 | 1587.1 | 1489.6 | 1455.1 | 1420.5  | 1405.6  | 1420.5  | 1455.1 |
| 35°   | 2181.4 | 2017.9 | 1856.3 | 1694.6 | 1626.9 | 1559.1 | 1551.1 | 1543.0  | 1541.8  | 1543.0  | 1551.1 |
| 37.5° | 2291.9 | 2099.6 | 1952.6 | 1805.7 | 1801.3 | 1796.9 | 1833.7 | 1870.6  | 1889.7  | 1870.6  | 1833.7 |
| 40°   | 2485.5 | 2276.4 | 2167.2 | 2057.9 | 2135.1 | 2212.2 | 2301.6 | 2391.2  | 2435.7  | 2391.2  | 2301.6 |
| 42.5° | 2766.4 | 2558.9 | 2496.0 | 2433.0 | 2601.2 | 2769.4 | 2932.2 | 3095.1  | 3190.6  | 3095.1  | 2932.2 |
| 45°   | 3132.3 | 2945.8 | 2918.1 | 2890.3 | 3159.8 | 3429.3 | 3696.8 | 3964.4  | 4126.8  | 3964.4  | 3696.8 |
| 47.5° | 3568.5 | 3387.2 | 3381.6 | 3375.9 | 3764.7 | 4153.3 | 4545.0 | 4936.5  | 5166.5  | 4936.5  | 4545.0 |
| 50°   | 4091.1 | 3867.1 | 3868.1 | 3869.1 | 4370.1 | 4871.1 | 5388.0 | 5904.9  | 6217.4  | 5904.9  | 5388.0 |
| 52.5° | 4692.7 | 4421.4 | 4394.1 | 4366.6 | 4965.0 | 5563.5 | 6203.0 | 6842.6  | 7217.2  | 6842.6  | 6203.0 |
| 55°   | 5386.6 | 5118.6 | 5011.7 | 4904.8 | 5570.9 | 6236.9 | 6999.3 | 7761.8  | 8207.4  | 7761.8  | 6999.3 |
| 57.5° | 6136.9 | 5990.9 | 5776.5 | 5562.1 | 6234.7 | 6907.2 | 7770.7 | 8634.4  | 9186.9  | 8634.4  | 7770.7 |
| 60°   | 6889.0 | 7115.8 | 6849.5 | 6583.3 | 7219.7 | 7856.1 | 8780.8 | 9705.4  | 10302.6 | 9705.4  | 8780.8 |
| 62.5° | 7088.9 | 7708.2 | 7678.2 | 7648.1 | 8231.2 | 8814.2 | 9693.9 | 10573.6 | 11125.6 | 10573.6 | 9693.9 |
| 65°   | 6665.0 | 7246.2 | 7361.2 | 7476.1 | 8217.0 | 8958.0 | 9811.1 | 10664.1 | 11134.0 | 10664.1 | 9811.1 |
| 67.5° | 6119.5 | 6672.3 | 6726.3 | 6780.1 | 7552.1 | 8324.0 | 9180.7 | 10037.4 | 10405.6 | 10037.4 | 9180.7 |
| 70°   | 5546.8 | 6148.1 | 6172.2 | 6196.3 | 6886.7 | 7577.0 | 8314.3 | 9051.5  | 9256.1  | 9051.5  | 8314.3 |
| 72.5° | 4895.3 | 5585.3 | 5602.6 | 5619.9 | 6160.0 | 6700.1 | 7252.3 | 7804.5  | 7825.2  | 7804.5  | 7252.3 |
| 75°   | 3983.0 | 4697.2 | 4761.2 | 4825.4 | 5245.5 | 5665.8 | 6054.5 | 6443.2  | 6339.0  | 6443.2  | 6054.5 |
| 77.5° | 3002.1 | 3668.8 | 3760.6 | 3852.4 | 4171.8 | 4491.2 | 4767.0 | 5042.6  | 4863.6  | 5042.6  | 4767.0 |
| 80°   | 2089.5 | 2650.2 | 2764.3 | 2878.3 | 3119.6 | 3360.8 | 3505.5 | 3650.2  | 3362.3  | 3650.2  | 3505.5 |
| 82.5° | 1272.0 | 1655.5 | 1782.8 | 1910.3 | 2076.3 | 2242.4 | 2302.8 | 2363.1  | 2136.8  | 2363.1  | 2302.8 |
| 85°   | 594.4  | 798.0  | 906.3  | 1014.6 | 1151.1 | 1287.5 | 1321.8 | 1356.1  | 1174.9  | 1356.1  | 1321.8 |
| 87.5° | 189.4  | 257.8  | 318.3  | 378.7  | 447.0  | 515.2  | 518.1  | 521.0   | 437.4   | 521.0   | 518.1  |
| 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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|       | 330°   | 335°   | 340°   | 345°   | 350°   | 355°   | 360°   |
|-------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1467.0 | 1467.0 | 1467.0 | 1467.0 | 1467.0 | 1467.0 | 1467.0 |
| 2.5°  | 1616.7 | 1611.6 | 1606.6 | 1598.1 | 1589.6 | 1583.5 | 1577.6 |
| 5°    | 1802.2 | 1790.9 | 1779.7 | 1758.9 | 1738.2 | 1717.3 | 1696.4 |
| 7.5°  | 1981.6 | 1963.2 | 1944.7 | 1914.2 | 1883.6 | 1849.7 | 1815.7 |
| 10°   | 2102.6 | 2081.0 | 2059.2 | 2023.5 | 1987.6 | 1947.4 | 1907.2 |
| 12.5° | 2146.6 | 2130.8 | 2115.0 | 2082.7 | 2050.3 | 2006.7 | 1963.2 |
| 15°   | 2114.2 | 2113.7 | 2113.1 | 2092.7 | 2072.3 | 2034.8 | 1997.2 |
| 17.5° | 2022.3 | 2045.1 | 2067.9 | 2067.5 | 2067.1 | 2041.8 | 2016.4 |
| 20°   | 1901.1 | 1951.4 | 2001.7 | 2028.5 | 2055.2 | 2046.3 | 2037.5 |
| 22.5° | 1779.9 | 1854.0 | 1928.0 | 1983.4 | 2038.8 | 2050.4 | 2062.0 |
| 25°   | 1672.3 | 1762.2 | 1852.1 | 1936.2 | 2020.3 | 2056.9 | 2093.5 |
| 27.5° | 1583.4 | 1683.0 | 1782.7 | 1894.0 | 2005.4 | 2070.9 | 2136.3 |
| 30°   | 1517.1 | 1620.8 | 1724.7 | 1861.8 | 1999.0 | 2096.4 | 2194.0 |
| 32.5° | 1489.6 | 1587.1 | 1684.7 | 1839.9 | 1995.0 | 2128.5 | 2262.1 |
| 35°   | 1559.1 | 1626.9 | 1694.6 | 1856.3 | 2017.9 | 2181.4 | 2344.9 |
| 37.5° | 1796.9 | 1801.3 | 1805.7 | 1952.6 | 2099.6 | 2291.9 | 2484.2 |
| 40°   | 2212.2 | 2135.1 | 2057.9 | 2167.2 | 2276.4 | 2485.5 | 2694.7 |
| 42.5° | 2769.4 | 2601.2 | 2433.0 | 2496.0 | 2558.9 | 2766.4 | 2973.9 |
| 45°   | 3429.3 | 3159.8 | 2890.3 | 2918.1 | 2945.8 | 3132.3 | 3318.7 |
| 47.5° | 4153.3 | 3764.7 | 3375.9 | 3381.6 | 3387.2 | 3568.5 | 3749.9 |
| 50°   | 4871.1 | 4370.1 | 3869.1 | 3868.1 | 3867.1 | 4091.1 | 4315.0 |
| 52.5° | 5563.5 | 4965.0 | 4366.6 | 4394.1 | 4421.4 | 4692.7 | 4963.9 |
| 55°   | 6236.9 | 5570.9 | 4904.8 | 5011.7 | 5118.6 | 5386.6 | 5654.5 |
| 57.5° | 6907.2 | 6234.7 | 5562.1 | 5776.5 | 5990.9 | 6136.9 | 6282.7 |
| 60°   | 7856.1 | 7219.7 | 6583.3 | 6849.5 | 7115.8 | 6889.0 | 6662.4 |
| 62.5° | 8814.2 | 8231.2 | 7648.1 | 7678.2 | 7708.2 | 7088.9 | 6469.6 |
| 65°   | 8958.0 | 8217.0 | 7476.1 | 7361.2 | 7246.2 | 6665.0 | 6083.8 |
| 67.5° | 8324.0 | 7552.1 | 6780.1 | 6726.3 | 6672.3 | 6119.5 | 5566.7 |
| 70°   | 7577.0 | 6886.7 | 6196.3 | 6172.2 | 6148.1 | 5546.8 | 4945.5 |
| 72.5° | 6700.1 | 6160.0 | 5619.9 | 5602.6 | 5585.3 | 4895.3 | 4205.3 |
| 75°   | 5665.8 | 5245.5 | 4825.4 | 4761.2 | 4697.2 | 3983.0 | 3268.8 |
| 77.5° | 4491.2 | 4171.8 | 3852.4 | 3760.6 | 3668.8 | 3002.1 | 2335.6 |
| 80°   | 3360.8 | 3119.6 | 2878.3 | 2764.3 | 2650.2 | 2089.5 | 1528.6 |
| 82.5° | 2242.4 | 2076.3 | 1910.3 | 1782.8 | 1655.5 | 1272.0 | 888.6  |
| 85°   | 1287.5 | 1151.1 | 1014.6 | 906.3  | 798.0  | 594.4  | 390.9  |
| 87.5° | 515.2  | 447.0  | 378.7  | 318.3  | 257.8  | 189.4  | 121.1  |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

(END OF REPORT)