

Scaled data based on original data using  
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-  
State Lighting Products

Test Report Prepared for  
Cooper Lighting Solutions

Brand: CORELITE

Report Number: P935200

Luminaire Tested: SQ4-FA-100U-075D-B35-1D-UNV-W2A-W-8

Issue Date: 12/17/2024

**Test Information**

Test Method: LM-79-2019  
Report Number: P935200  
REPORT IS A COMBINATION OF REPORTS P933744 AND P933786  
Test Lab: INNOVATION CENTER  
Issue Date: 12/17/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: CORELITE  
Catalog Number: SQ4-FA-100U-075D-B35-1D-UNV-W2A-W-8  
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I  
Lens  
Light Source: -  
Ballast/Driver: -

**Summary**

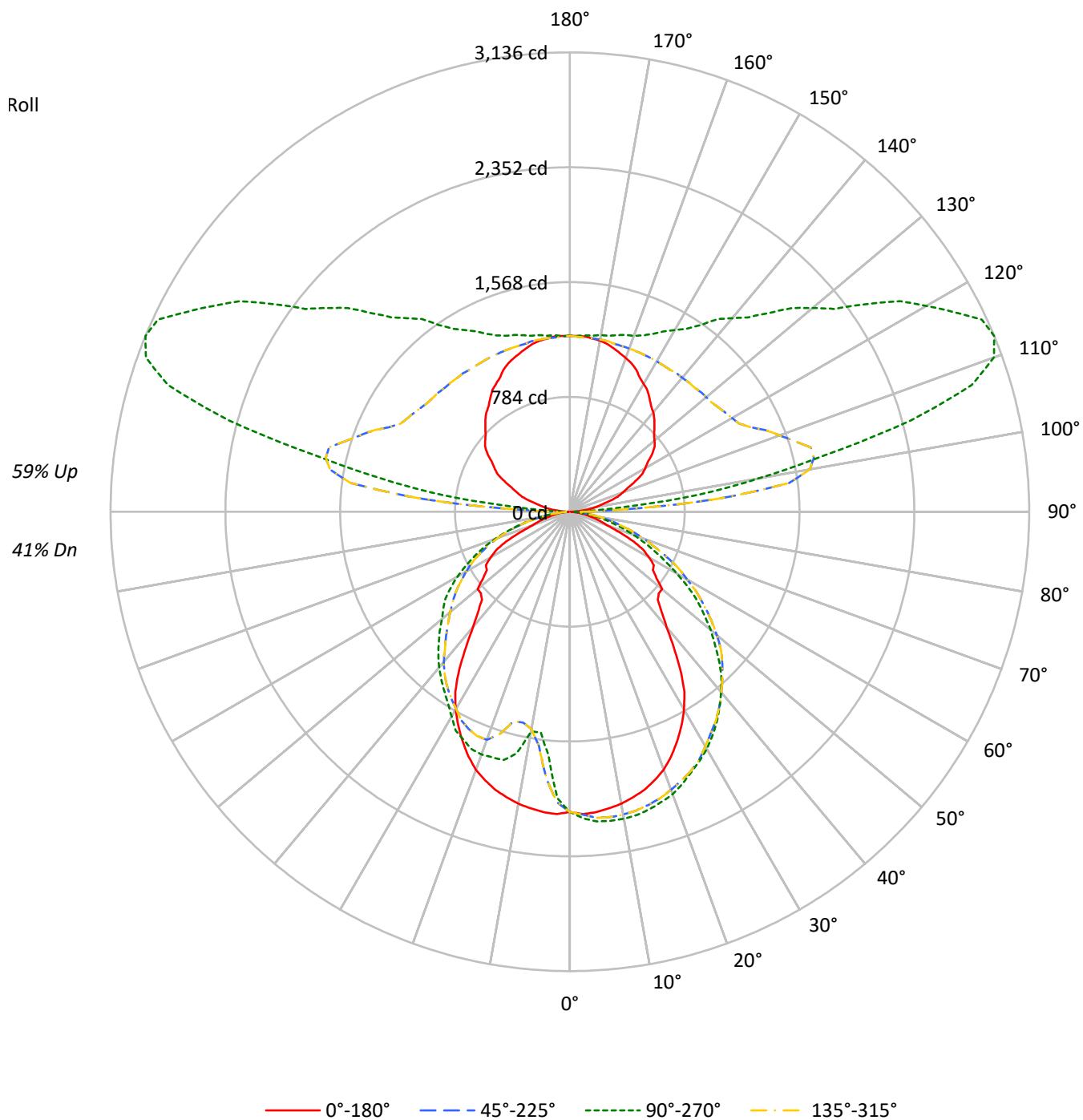
Lumens per Lamp: N/A  
Luminaire Lumens: 13101.9 lumens  
Efficiency: N/A  
Efficacy: 133.1 lumens/watt  
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36  
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 8' x H: 0.1')  
CIE Type: General Diffuse

Input Watts (W): 98.4  
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

TEST NUMBER: P935200

CATALOG NUMBER: SQ4-FA-100U-075D-B35-1D-UNV-W2A-W-8

### Luminous Intensity Polar Plot



TEST NUMBER: P935200

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**COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:**

|     |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |
|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| RF  | 20  |     |     |     | 20 |    |    |    | 20 |    |    |    | 20 |    |    |    | 20 |
| RC  | 80  |     |     |     | 70 |    |    |    | 50 |    |    |    | 30 |    |    |    | 10 |
| RW  | 70  | 50  | 30  | 10  | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 |
| RCR |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 0   | 105 | 105 | 105 | 105 | 96 | 96 | 96 | 96 | 78 | 78 | 78 | 62 | 62 | 62 | 47 | 47 | 47 |
| 1   | 96  | 91  | 88  | 84  | 87 | 83 | 80 | 77 | 68 | 66 | 64 | 55 | 53 | 52 | 42 | 41 | 40 |
| 2   | 87  | 80  | 74  | 69  | 79 | 73 | 68 | 63 | 60 | 56 | 53 | 48 | 45 | 43 | 37 | 35 | 34 |
| 3   | 79  | 70  | 63  | 57  | 72 | 64 | 58 | 53 | 53 | 48 | 45 | 42 | 39 | 37 | 33 | 31 | 29 |
| 4   | 73  | 62  | 54  | 48  | 66 | 57 | 50 | 45 | 47 | 42 | 38 | 38 | 34 | 31 | 29 | 27 | 25 |
| 5   | 67  | 55  | 47  | 41  | 60 | 51 | 44 | 38 | 42 | 37 | 33 | 34 | 30 | 27 | 26 | 24 | 22 |
| 6   | 61  | 49  | 41  | 36  | 56 | 45 | 38 | 33 | 38 | 32 | 28 | 31 | 27 | 24 | 24 | 21 | 19 |
| 7   | 57  | 45  | 37  | 31  | 51 | 41 | 34 | 29 | 34 | 29 | 25 | 28 | 24 | 21 | 22 | 19 | 17 |
| 8   | 52  | 40  | 33  | 27  | 48 | 37 | 30 | 26 | 31 | 26 | 22 | 25 | 21 | 18 | 20 | 17 | 15 |
| 9   | 49  | 37  | 29  | 24  | 44 | 34 | 27 | 23 | 28 | 23 | 20 | 23 | 19 | 17 | 18 | 16 | 13 |
| 10  | 46  | 34  | 26  | 22  | 41 | 31 | 25 | 20 | 26 | 21 | 18 | 21 | 18 | 15 | 17 | 14 | 12 |

**AVERAGE LUMINANCE (cd/sqm):**

|     | 0°   | 90°  | 180° | 270° |
|-----|------|------|------|------|
| 0°  | 9504 | 9504 | 9504 | 9504 |
| 5°  | 9575 | 9593 | 9575 | 7543 |
| 10° | 9511 | 9450 | 9511 | 6756 |
| 15° | 9407 | 9245 | 9407 | 7720 |
| 20° | 9210 | 9003 | 9210 | 7736 |
| 25° | 8808 | 8649 | 8808 | 7572 |
| 30° | 8288 | 8355 | 8288 | 7212 |
| 35° | 7388 | 7984 | 7388 | 6817 |
| 40° | 6156 | 7546 | 6156 | 6518 |
| 45° | 5501 | 7035 | 5501 | 6174 |
| 50° | 5844 | 6424 | 5844 | 5829 |
| 55° | 5499 | 5767 | 5499 | 5630 |
| 60° | 5668 | 4897 | 5668 | 5156 |
| 65° | 5138 | 4049 | 5138 | 4526 |
| 70° | 3558 | 3227 | 3558 | 3794 |
| 75° | 3121 | 2385 | 3121 | 2856 |
| 80° | 2515 | 1577 | 2515 | 1717 |
| 85° | 1444 | 835  | 1444 | 710  |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 20°

Vertical Angle: 45°

Luminance: 8431 cd/sqm

TEST NUMBER: P935200

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**ZONAL LUMENS:**

| Zone      | Lumens  | % Fixture |
|-----------|---------|-----------|
| 0°-10°    | 184.9   | 1.4       |
| 10°-20°   | 525.0   | 4.0       |
| 20°-30°   | 811.5   | 6.2       |
| 30°-40°   | 968.8   | 7.4       |
| 40°-50°   | 974.5   | 7.4       |
| 50°-60°   | 847.9   | 6.5       |
| 60°-70°   | 601.2   | 4.6       |
| 70°-80°   | 318.1   | 2.4       |
| 80°-90°   | 83.8    | 0.6       |
| 90°-100°  | 585.5   | 4.5       |
| 100°-110° | 1539.2  | 11.7      |
| 110°-120° | 1596.0  | 12.2      |
| 120°-130° | 1280.2  | 9.8       |
| 130°-140° | 1004.5  | 7.7       |
| 140°-150° | 771.0   | 5.9       |
| 150°-160° | 555.2   | 4.2       |
| 160°-170° | 339.7   | 2.6       |
| 170°-180° | 114.8   | 0.9       |
| 0°-30°    | 1521.4  | 11.6      |
| 0°-40°    | 2490.2  | 19.0      |
| 0°-60°    | 4312.6  | 32.9      |
| 0°-90°    | 5315.7  | 40.6      |
| 90°-120°  | 3720.7  | 28.4      |
| 90°-150°  | 6776.4  | 51.7      |
| 90°-180°  | 7786.0  | 59.4      |
| 0°-180°   | 13101.9 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°   | 90°  | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0°   | 2048 | 2048 | 2048 | 2048 | 2048 |      |
| 5°   | 2058 | 2122 | 2058 | 1668 | 2058 | 195  |
| 15°  | 1965 | 2103 | 1965 | 1756 | 1965 | 553  |
| 25°  | 1730 | 1961 | 1730 | 1717 | 1730 | 795  |
| 35°  | 1316 | 1750 | 1316 | 1494 | 1316 | 814  |
| 45°  | 849  | 1442 | 849  | 1265 | 849  | 680  |
| 55°  | 692  | 1064 | 692  | 1039 | 692  | 636  |
| 65°  | 481  | 642  | 481  | 717  | 481  | 459  |
| 75°  | 182  | 304  | 182  | 364  | 182  | 192  |
| 85°  | 31   | 78   | 31   | 66   | 31   | 42   |
| 90°  | 8    | 31   | 8    | 31   | 8    | 8    |
| 95°  | 77   | 354  | 77   | 354  | 77   | 86   |
| 105° | 277  | 2410 | 277  | 2410 | 277  | 294  |
| 115° | 492  | 3104 | 492  | 3104 | 492  | 486  |
| 125° | 685  | 2472 | 685  | 2472 | 685  | 608  |
| 135° | 817  | 1918 | 817  | 1918 | 817  | 632  |
| 145° | 947  | 1556 | 947  | 1556 | 947  | 593  |
| 155° | 1070 | 1340 | 1070 | 1340 | 1070 | 492  |
| 165° | 1155 | 1248 | 1155 | 1248 | 1155 | 326  |
| 175° | 1201 | 1209 | 1201 | 1209 | 1201 | 114  |
| 180° | 1201 | 1201 | 1201 | 1201 | 1201 |      |

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**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 10°    | 20°    | 22.5°  | 30°    | 40°    | 45°    | 50°    | 60°    | 67.5°  | 70°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 2048.4 | 2048.4 | 2048.4 | 2048.4 | 2048.4 | 2048.4 | 2048.4 | 2048.4 | 2048.4 | 2048.4 | 2048.4 |
| 2.5°   | 2065.8 | 2065.8 | 2077.4 | 2081.3 | 2081.3 | 2075.5 | 2069.7 | 2075.5 | 2092.9 | 2098.8 | 2096.8 |
| 5°     | 2058.1 | 2073.6 | 2094.9 | 2098.8 | 2102.6 | 2100.7 | 2096.8 | 2100.7 | 2120.1 | 2124.0 | 2125.9 |
| 7.5°   | 2042.6 | 2071.6 | 2098.8 | 2104.6 | 2110.4 | 2104.6 | 2102.6 | 2106.5 | 2125.9 | 2129.8 | 2129.8 |
| 10°    | 2023.2 | 2063.9 | 2094.9 | 2098.8 | 2104.6 | 2098.8 | 2098.8 | 2106.5 | 2125.9 | 2129.8 | 2131.7 |
| 12.5°  | 1996.0 | 2052.2 | 2081.3 | 2085.2 | 2092.9 | 2091.0 | 2089.1 | 2096.8 | 2116.2 | 2120.1 | 2120.1 |
| 15°    | 1965.0 | 2030.9 | 2058.1 | 2061.9 | 2075.5 | 2071.6 | 2071.6 | 2079.4 | 2100.7 | 2106.5 | 2104.6 |
| 17.5°  | 1922.4 | 2003.8 | 2034.8 | 2040.6 | 2050.3 | 2048.4 | 2050.3 | 2058.1 | 2077.4 | 2081.3 | 2083.3 |
| 20°    | 1873.9 | 1967.0 | 2003.8 | 2009.6 | 2019.3 | 2019.3 | 2019.3 | 2029.0 | 2048.4 | 2056.1 | 2056.1 |
| 22.5°  | 1808.1 | 1928.2 | 1967.0 | 1970.8 | 1982.5 | 1982.5 | 1986.4 | 1999.9 | 2017.4 | 2019.3 | 2019.3 |
| 25°    | 1730.5 | 1885.6 | 1918.5 | 1930.2 | 1941.8 | 1947.6 | 1953.4 | 1961.2 | 1967.0 | 1965.0 | 1967.0 |
| 27.5°  | 1649.1 | 1831.3 | 1873.9 | 1881.7 | 1897.2 | 1903.0 | 1910.8 | 1912.7 | 1914.6 | 1920.5 | 1916.6 |
| 30°    | 1558.1 | 1755.7 | 1819.7 | 1827.4 | 1852.6 | 1856.5 | 1848.8 | 1852.6 | 1862.3 | 1866.2 | 1870.1 |
| 32.5°  | 1455.3 | 1643.3 | 1763.5 | 1780.9 | 1804.2 | 1792.6 | 1790.6 | 1796.4 | 1811.9 | 1811.9 | 1815.8 |
| 35°    | 1315.8 | 1556.1 | 1711.2 | 1726.7 | 1744.1 | 1730.5 | 1738.3 | 1740.2 | 1749.9 | 1755.7 | 1753.8 |
| 37.5°  | 1162.7 | 1480.5 | 1656.9 | 1668.5 | 1682.1 | 1664.6 | 1676.3 | 1682.1 | 1689.8 | 1686.0 | 1686.0 |
| 40°    | 1027.1 | 1362.3 | 1592.9 | 1600.7 | 1612.3 | 1598.8 | 1610.4 | 1614.3 | 1618.1 | 1614.3 | 1612.3 |
| 42.5°  | 926.4  | 1232.5 | 1525.1 | 1534.8 | 1527.0 | 1536.7 | 1540.6 | 1548.4 | 1542.6 | 1534.8 | 1534.8 |
| 45°    | 848.8  | 1197.6 | 1451.5 | 1463.1 | 1451.5 | 1467.0 | 1472.8 | 1472.8 | 1455.3 | 1451.5 | 1449.5 |
| 47.5°  | 823.6  | 1127.9 | 1377.8 | 1377.8 | 1372.0 | 1391.4 | 1401.1 | 1387.5 | 1370.1 | 1364.3 | 1364.3 |
| 50°    | 821.7  | 1050.4 | 1277.0 | 1269.3 | 1296.4 | 1319.7 | 1310.0 | 1296.4 | 1282.9 | 1261.5 | 1261.5 |
| 52.5°  | 746.1  | 955.4  | 1147.3 | 1176.3 | 1218.9 | 1232.5 | 1217.0 | 1203.4 | 1180.1 | 1170.5 | 1162.7 |
| 55°    | 691.9  | 856.6  | 1029.1 | 1087.2 | 1131.8 | 1149.2 | 1120.2 | 1106.6 | 1071.7 | 1065.9 | 1062.0 |
| 57.5°  | 680.2  | 713.2  | 920.6  | 994.2  | 1048.5 | 1046.5 | 1029.1 | 1003.9 | 974.8  | 969.0  | 967.1  |
| 60°    | 624.0  | 515.5  | 804.3  | 891.5  | 947.7  | 941.9  | 926.4  | 903.1  | 876.0  | 872.1  | 868.2  |
| 62.5°  | 565.9  | 374.0  | 672.5  | 771.3  | 850.8  | 848.8  | 835.3  | 800.4  | 781.0  | 771.3  | 763.6  |
| 65°    | 480.6  | 314.0  | 478.7  | 641.5  | 755.8  | 759.7  | 730.6  | 705.4  | 684.1  | 672.5  | 670.5  |
| 67.5°  | 366.3  | 255.8  | 323.6  | 534.9  | 664.7  | 660.9  | 624.0  | 612.4  | 585.3  | 579.5  | 567.8  |
| 70°    | 271.3  | 170.5  | 224.8  | 434.1  | 575.6  | 565.9  | 536.8  | 523.3  | 498.1  | 484.5  | 476.7  |
| 72.5°  | 224.8  | 137.6  | 164.7  | 337.2  | 484.5  | 472.9  | 447.7  | 432.2  | 410.9  | 399.2  | 391.5  |
| 75°    | 182.2  | 145.4  | 126.0  | 250.0  | 393.4  | 385.7  | 362.4  | 346.9  | 329.5  | 314.0  | 315.9  |
| 77.5°  | 133.7  | 135.7  | 100.8  | 184.1  | 312.0  | 300.4  | 286.8  | 267.4  | 259.7  | 244.2  | 244.2  |
| 80°    | 100.8  | 106.6  | 75.6   | 126.0  | 224.8  | 224.8  | 213.2  | 199.6  | 186.0  | 178.3  | 178.3  |
| 82.5°  | 67.8   | 67.8   | 56.2   | 79.5   | 153.1  | 147.3  | 139.5  | 135.7  | 127.9  | 124.0  | 124.0  |
| 85°    | 31.0   | 38.8   | 34.9   | 48.4   | 83.3   | 87.2   | 87.2   | 83.3   | 81.4   | 77.5   | 79.5   |
| 87.5°  | 9.7    | 17.4   | 21.3   | 27.1   | 42.6   | 44.6   | 46.5   | 46.5   | 46.5   | 48.4   | 48.4   |
| 90°    | 8.0    | 14.5   | 20.9   | 22.6   | 35.5   | 52.6   | 61.2   | 54.5   | 40.8   | 30.6   | 30.6   |
| 92.5°  | 32.3   | 87.1   | 142.0  | 155.6  | 218.7  | 302.9  | 345.0  | 302.3  | 217.2  | 153.2  | 147.1  |
| 95°    | 77.4   | 177.7  | 278.0  | 303.1  | 538.2  | 851.7  | 1008.4 | 899.9  | 682.8  | 520.0  | 501.6  |
| 97.5°  | 133.8  | 222.3  | 310.9  | 332.9  | 725.0  | 1247.7 | 1509.0 | 1440.4 | 1303.2 | 1200.3 | 1165.2 |
| 100°   | 177.3  | 257.6  | 337.9  | 357.9  | 792.9  | 1373.0 | 1663.0 | 1668.0 | 1678.0 | 1685.6 | 1643.7 |
| 102.5° | 214.4  | 289.2  | 364.2  | 382.9  | 824.0  | 1412.3 | 1706.5 | 1793.9 | 1968.8 | 2099.9 | 2064.1 |
| 105°   | 277.3  | 340.7  | 404.1  | 420.0  | 847.2  | 1416.9 | 1701.7 | 1897.6 | 2289.6 | 2583.5 | 2564.3 |
| 107.5° | 341.8  | 400.9  | 460.0  | 474.8  | 851.6  | 1353.8 | 1605.0 | 1878.3 | 2425.0 | 2835.0 | 2839.7 |
| 110°   | 385.3  | 438.7  | 492.1  | 505.4  | 845.1  | 1297.9 | 1524.3 | 1830.0 | 2441.1 | 2899.5 | 2919.6 |

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**CANDELA DISTRIBUTION (continued):**

|        | 0°     | 10°    | 20°    | 22.5°  | 30°    | 40°    | 45°    | 50°    | 60°    | 67.5°  | 70°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 428.0  | 478.9  | 529.8  | 542.5  | 845.4  | 1249.1 | 1451.0 | 1763.8 | 2389.3 | 2858.5 | 2889.3 |
| 115°   | 492.5  | 539.4  | 586.4  | 598.2  | 853.1  | 1193.1 | 1363.1 | 1664.5 | 2267.1 | 2719.0 | 2761.7 |
| 117.5° | 556.2  | 598.8  | 641.5  | 652.1  | 869.0  | 1158.1 | 1302.6 | 1574.5 | 2118.4 | 2526.3 | 2573.7 |
| 120°   | 593.3  | 633.4  | 673.6  | 683.5  | 881.9  | 1146.3 | 1278.5 | 1527.0 | 2023.9 | 2396.5 | 2442.6 |
| 122.5° | 629.6  | 670.1  | 710.6  | 720.6  | 900.4  | 1140.0 | 1259.9 | 1483.6 | 1931.1 | 2266.8 | 2312.2 |
| 125°   | 685.2  | 722.1  | 759.0  | 768.2  | 925.4  | 1135.0 | 1239.7 | 1429.9 | 1810.0 | 2095.1 | 2136.9 |
| 127.5° | 730.3  | 767.5  | 804.9  | 814.2  | 950.4  | 1132.1 | 1222.9 | 1386.1 | 1712.4 | 1957.2 | 1992.5 |
| 130°   | 754.5  | 794.6  | 834.7  | 844.8  | 968.6  | 1133.8 | 1216.4 | 1361.6 | 1652.2 | 1870.2 | 1902.7 |
| 132.5° | 779.5  | 819.6  | 859.7  | 869.8  | 983.4  | 1135.0 | 1210.8 | 1340.8 | 1600.9 | 1795.9 | 1825.1 |
| 135°   | 816.6  | 853.1  | 889.7  | 898.8  | 999.6  | 1133.9 | 1201.1 | 1310.0 | 1527.8 | 1691.2 | 1716.4 |
| 137.5° | 854.5  | 890.6  | 926.8  | 935.9  | 1023.7 | 1140.9 | 1199.4 | 1291.5 | 1475.7 | 1613.8 | 1634.4 |
| 140°   | 885.9  | 919.2  | 952.5  | 960.9  | 1038.5 | 1142.1 | 1193.8 | 1273.4 | 1432.5 | 1551.8 | 1571.0 |
| 142.5° | 910.1  | 940.9  | 971.7  | 979.4  | 1050.9 | 1146.1 | 1193.8 | 1263.7 | 1403.4 | 1508.2 | 1524.8 |
| 145°   | 947.2  | 974.0  | 1001.0 | 1007.7 | 1067.1 | 1146.2 | 1185.8 | 1242.9 | 1357.2 | 1442.9 | 1455.4 |
| 147.5° | 984.2  | 1010.4 | 1036.5 | 1043.1 | 1090.7 | 1154.1 | 1185.8 | 1230.7 | 1320.7 | 1388.1 | 1398.5 |
| 150°   | 1008.4 | 1032.1 | 1055.7 | 1061.6 | 1103.0 | 1158.1 | 1185.8 | 1223.8 | 1299.7 | 1356.7 | 1365.1 |
| 152.5° | 1033.4 | 1051.4 | 1069.3 | 1073.7 | 1111.1 | 1160.9 | 1185.8 | 1218.2 | 1283.1 | 1331.7 | 1338.1 |
| 155°   | 1070.5 | 1083.7 | 1097.0 | 1100.3 | 1128.8 | 1166.8 | 1185.8 | 1211.5 | 1263.2 | 1301.9 | 1306.0 |
| 157.5° | 1097.9 | 1110.8 | 1123.7 | 1126.9 | 1146.5 | 1172.7 | 1185.8 | 1205.8 | 1245.9 | 1276.1 | 1279.0 |
| 160°   | 1116.5 | 1126.6 | 1136.5 | 1139.1 | 1154.7 | 1175.4 | 1185.8 | 1203.0 | 1237.4 | 1263.2 | 1264.9 |
| 162.5° | 1135.0 | 1142.5 | 1150.1 | 1151.9 | 1163.2 | 1178.2 | 1185.8 | 1200.3 | 1229.3 | 1251.1 | 1252.7 |
| 165°   | 1155.1 | 1161.9 | 1168.7 | 1170.5 | 1175.6 | 1182.4 | 1185.8 | 1196.1 | 1217.0 | 1232.6 | 1234.3 |
| 167.5° | 1173.7 | 1176.9 | 1180.1 | 1180.9 | 1185.2 | 1190.9 | 1193.8 | 1200.6 | 1214.3 | 1224.4 | 1225.1 |
| 170°   | 1185.8 | 1189.0 | 1192.3 | 1193.0 | 1193.3 | 1193.6 | 1193.8 | 1200.6 | 1214.3 | 1224.4 | 1224.4 |
| 172.5° | 1192.3 | 1192.9 | 1193.6 | 1193.8 | 1193.8 | 1193.8 | 1193.8 | 1199.2 | 1210.0 | 1218.0 | 1217.5 |
| 175°   | 1201.1 | 1201.1 | 1201.1 | 1201.1 | 1198.7 | 1195.5 | 1193.8 | 1197.2 | 1204.0 | 1209.1 | 1209.1 |
| 177.5° | 1201.1 | 1201.1 | 1201.1 | 1201.1 | 1199.2 | 1196.7 | 1195.5 | 1198.2 | 1203.5 | 1207.6 | 1206.9 |
| 180°   | 1201.1 | 1201.1 | 1201.1 | 1201.1 | 1201.1 | 1201.1 | 1201.1 | 1201.1 | 1201.1 | 1201.1 | 1201.1 |

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CATALOG NUMBER: SQ4-FA-100U-075D-B35-1D-UNV-W2A-W-8

**CANDELA DISTRIBUTION (continued):**

|        | 80°    | 90°    | 100°   | 110°   | 112.5° | 120°   | 130°   | 135°   | 140°   | 150°   | 157.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 2048.4 | 2048.4 | 2048.4 | 2048.4 | 2048.4 | 2048.4 | 2048.4 | 2048.4 | 2048.4 | 2048.4 | 2048.4 |
| 2.5°   | 2100.7 | 2094.9 | 2100.7 | 2096.8 | 2098.8 | 2092.9 | 2075.5 | 2069.7 | 2075.5 | 2081.3 | 2081.3 |
| 5°     | 2125.9 | 2122.0 | 2125.9 | 2125.9 | 2124.0 | 2120.1 | 2100.7 | 2096.8 | 2100.7 | 2102.6 | 2098.8 |
| 7.5°   | 2133.6 | 2127.8 | 2133.6 | 2129.8 | 2129.8 | 2125.9 | 2106.5 | 2102.6 | 2104.6 | 2110.4 | 2104.6 |
| 10°    | 2133.6 | 2127.8 | 2133.6 | 2131.7 | 2129.8 | 2125.9 | 2106.5 | 2098.8 | 2098.8 | 2104.6 | 2098.8 |
| 12.5°  | 2124.0 | 2120.1 | 2124.0 | 2120.1 | 2120.1 | 2116.2 | 2096.8 | 2089.1 | 2091.0 | 2092.9 | 2085.2 |
| 15°    | 2108.4 | 2102.6 | 2108.4 | 2104.6 | 2106.5 | 2100.7 | 2079.4 | 2071.6 | 2071.6 | 2075.5 | 2061.9 |
| 17.5°  | 2085.2 | 2077.4 | 2085.2 | 2083.3 | 2081.3 | 2077.4 | 2058.1 | 2050.3 | 2048.4 | 2050.3 | 2040.6 |
| 20°    | 2058.1 | 2052.2 | 2058.1 | 2056.1 | 2056.1 | 2048.4 | 2029.0 | 2019.3 | 2019.3 | 2019.3 | 2009.6 |
| 22.5°  | 2015.4 | 2009.6 | 2015.4 | 2019.3 | 2019.3 | 2017.4 | 1999.9 | 1986.4 | 1982.5 | 1982.5 | 1970.8 |
| 25°    | 1967.0 | 1961.2 | 1967.0 | 1967.0 | 1965.0 | 1967.0 | 1961.2 | 1953.4 | 1947.6 | 1941.8 | 1930.2 |
| 27.5°  | 1920.5 | 1916.6 | 1920.5 | 1916.6 | 1920.5 | 1914.6 | 1912.7 | 1910.8 | 1903.0 | 1897.2 | 1881.7 |
| 30°    | 1873.9 | 1870.1 | 1873.9 | 1870.1 | 1866.2 | 1862.3 | 1852.6 | 1848.8 | 1856.5 | 1852.6 | 1827.4 |
| 32.5°  | 1815.8 | 1811.9 | 1815.8 | 1815.8 | 1811.9 | 1811.9 | 1796.4 | 1790.6 | 1792.6 | 1804.2 | 1780.9 |
| 35°    | 1755.7 | 1749.9 | 1755.7 | 1753.8 | 1755.7 | 1749.9 | 1740.2 | 1738.3 | 1730.5 | 1744.1 | 1726.7 |
| 37.5°  | 1686.0 | 1680.1 | 1686.0 | 1686.0 | 1686.0 | 1689.8 | 1682.1 | 1676.3 | 1664.6 | 1682.1 | 1668.5 |
| 40°    | 1614.3 | 1606.5 | 1614.3 | 1612.3 | 1614.3 | 1618.1 | 1614.3 | 1610.4 | 1598.8 | 1612.3 | 1600.7 |
| 42.5°  | 1532.9 | 1530.9 | 1532.9 | 1534.8 | 1534.8 | 1542.6 | 1548.4 | 1540.6 | 1536.7 | 1527.0 | 1534.8 |
| 45°    | 1445.7 | 1441.8 | 1445.7 | 1449.5 | 1451.5 | 1455.3 | 1472.8 | 1472.8 | 1467.0 | 1451.5 | 1463.1 |
| 47.5°  | 1352.6 | 1342.9 | 1352.6 | 1364.3 | 1364.3 | 1370.1 | 1387.5 | 1401.1 | 1391.4 | 1372.0 | 1377.8 |
| 50°    | 1253.8 | 1255.7 | 1253.8 | 1261.5 | 1261.5 | 1282.9 | 1296.4 | 1310.0 | 1319.7 | 1296.4 | 1269.3 |
| 52.5°  | 1156.9 | 1155.0 | 1156.9 | 1162.7 | 1170.5 | 1180.1 | 1203.4 | 1217.0 | 1232.5 | 1218.9 | 1176.3 |
| 55°    | 1060.1 | 1064.0 | 1060.1 | 1062.0 | 1065.9 | 1071.7 | 1106.6 | 1120.2 | 1149.2 | 1131.8 | 1087.2 |
| 57.5°  | 963.2  | 957.4  | 963.2  | 967.1  | 969.0  | 974.8  | 1003.9 | 1029.1 | 1046.5 | 1048.5 | 994.2  |
| 60°    | 850.8  | 843.0  | 850.8  | 868.2  | 872.1  | 876.0  | 903.1  | 926.4  | 941.9  | 947.7  | 891.5  |
| 62.5°  | 751.9  | 738.4  | 751.9  | 763.6  | 771.3  | 781.0  | 800.4  | 835.3  | 848.8  | 850.8  | 771.3  |
| 65°    | 647.3  | 641.5  | 647.3  | 670.5  | 672.5  | 684.1  | 705.4  | 730.6  | 759.7  | 755.8  | 641.5  |
| 67.5°  | 552.3  | 552.3  | 552.3  | 567.8  | 579.5  | 585.3  | 612.4  | 624.0  | 660.9  | 664.7  | 534.9  |
| 70°    | 465.1  | 463.2  | 465.1  | 476.7  | 484.5  | 498.1  | 523.3  | 536.8  | 565.9  | 575.6  | 434.1  |
| 72.5°  | 381.8  | 379.8  | 381.8  | 391.5  | 399.2  | 410.9  | 432.2  | 447.7  | 472.9  | 484.5  | 337.2  |
| 75°    | 308.1  | 304.3  | 308.1  | 315.9  | 314.0  | 329.5  | 346.9  | 362.4  | 385.7  | 393.4  | 250.0  |
| 77.5°  | 236.4  | 236.4  | 236.4  | 244.2  | 244.2  | 259.7  | 267.4  | 286.8  | 300.4  | 312.0  | 184.1  |
| 80°    | 176.4  | 174.4  | 176.4  | 178.3  | 178.3  | 186.0  | 199.6  | 213.2  | 224.8  | 224.8  | 126.0  |
| 82.5°  | 124.0  | 120.2  | 124.0  | 124.0  | 124.0  | 127.9  | 135.7  | 139.5  | 147.3  | 153.1  | 79.5   |
| 85°    | 77.5   | 77.5   | 77.5   | 79.5   | 77.5   | 81.4   | 83.3   | 87.2   | 87.2   | 83.3   | 48.4   |
| 87.5°  | 50.4   | 48.4   | 50.4   | 48.4   | 48.4   | 46.5   | 46.5   | 46.5   | 44.6   | 42.6   | 27.1   |
| 90°    | 30.6   | 30.6   | 30.6   | 30.6   | 30.6   | 40.8   | 54.5   | 61.2   | 52.6   | 35.5   | 22.6   |
| 92.5°  | 122.8  | 98.4   | 122.8  | 147.1  | 153.2  | 217.2  | 302.3  | 345.0  | 302.9  | 218.7  | 155.6  |
| 95°    | 427.7  | 353.9  | 427.7  | 501.6  | 520.0  | 682.8  | 899.9  | 1008.4 | 851.7  | 538.2  | 303.1  |
| 97.5°  | 1024.7 | 884.3  | 1024.7 | 1165.2 | 1200.3 | 1303.2 | 1440.4 | 1509.0 | 1247.7 | 725.0  | 332.9  |
| 100°   | 1476.5 | 1309.1 | 1476.5 | 1643.7 | 1685.6 | 1678.0 | 1668.0 | 1663.0 | 1373.0 | 792.9  | 357.9  |
| 102.5° | 1920.8 | 1777.4 | 1920.8 | 2064.1 | 2099.9 | 1968.8 | 1793.9 | 1706.5 | 1412.3 | 824.0  | 382.9  |
| 105°   | 2487.2 | 2410.2 | 2487.2 | 2564.3 | 2583.5 | 2289.6 | 1897.6 | 1701.7 | 1416.9 | 847.2  | 420.0  |
| 107.5° | 2858.4 | 2877.0 | 2858.4 | 2839.7 | 2835.0 | 2425.0 | 1878.3 | 1605.0 | 1353.8 | 851.6  | 474.8  |
| 110°   | 2999.8 | 3080.1 | 2999.8 | 2919.6 | 2899.5 | 2441.1 | 1830.0 | 1524.3 | 1297.9 | 845.1  | 505.4  |

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**CANDELA DISTRIBUTION (continued):**

|        | 80°    | 90°    | 100°   | 110°   | 112.5° | 120°   | 130°   | 135°   | 140°   | 150°   | 157.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 3012.4 | 3135.7 | 3012.4 | 2889.3 | 2858.5 | 2389.3 | 1763.8 | 1451.0 | 1249.1 | 845.4  | 542.5  |
| 115°   | 2932.6 | 3103.5 | 2932.6 | 2761.7 | 2719.0 | 2267.1 | 1664.5 | 1363.1 | 1193.1 | 853.1  | 598.2  |
| 117.5° | 2763.2 | 2952.7 | 2763.2 | 2573.7 | 2526.3 | 2118.4 | 1574.5 | 1302.6 | 1158.1 | 869.0  | 652.1  |
| 120°   | 2626.8 | 2810.9 | 2626.8 | 2442.6 | 2396.5 | 2023.9 | 1527.0 | 1278.5 | 1146.3 | 881.9  | 683.5  |
| 122.5° | 2493.8 | 2675.4 | 2493.8 | 2312.2 | 2266.8 | 1931.1 | 1483.6 | 1259.9 | 1140.0 | 900.4  | 720.6  |
| 125°   | 2304.2 | 2471.5 | 2304.2 | 2136.9 | 2095.1 | 1810.0 | 1429.9 | 1239.7 | 1135.0 | 925.4  | 768.2  |
| 127.5° | 2133.6 | 2274.8 | 2133.6 | 1992.5 | 1957.2 | 1712.4 | 1386.1 | 1222.9 | 1132.1 | 950.4  | 814.2  |
| 130°   | 2033.2 | 2163.6 | 2033.2 | 1902.7 | 1870.2 | 1652.2 | 1361.6 | 1216.4 | 1133.8 | 968.6  | 844.8  |
| 132.5° | 1942.0 | 2058.7 | 1942.0 | 1825.1 | 1795.9 | 1600.9 | 1340.8 | 1210.8 | 1135.0 | 983.4  | 869.8  |
| 135°   | 1817.1 | 1917.7 | 1817.1 | 1716.4 | 1691.2 | 1527.8 | 1310.0 | 1201.1 | 1133.9 | 999.6  | 898.8  |
| 137.5° | 1716.8 | 1799.2 | 1716.8 | 1634.4 | 1613.8 | 1475.7 | 1291.5 | 1199.4 | 1140.9 | 1023.7 | 935.9  |
| 140°   | 1648.0 | 1725.0 | 1648.0 | 1571.0 | 1551.8 | 1432.5 | 1273.4 | 1193.8 | 1142.1 | 1038.5 | 960.9  |
| 142.5° | 1591.1 | 1657.4 | 1591.1 | 1524.8 | 1508.2 | 1403.4 | 1263.7 | 1193.8 | 1146.1 | 1050.9 | 979.4  |
| 145°   | 1505.6 | 1555.7 | 1505.6 | 1455.4 | 1442.9 | 1357.2 | 1242.9 | 1185.8 | 1146.2 | 1067.1 | 1007.7 |
| 147.5° | 1440.0 | 1481.6 | 1440.0 | 1398.5 | 1388.1 | 1320.7 | 1230.7 | 1185.8 | 1154.1 | 1090.7 | 1043.1 |
| 150°   | 1398.8 | 1432.5 | 1398.8 | 1365.1 | 1356.7 | 1299.7 | 1223.8 | 1185.8 | 1158.1 | 1103.0 | 1061.6 |
| 152.5° | 1363.5 | 1388.9 | 1363.5 | 1338.1 | 1331.7 | 1283.1 | 1218.2 | 1185.8 | 1160.9 | 1111.1 | 1073.7 |
| 155°   | 1322.9 | 1339.7 | 1322.9 | 1306.0 | 1301.9 | 1263.2 | 1211.5 | 1185.8 | 1166.8 | 1128.8 | 1100.3 |
| 157.5° | 1290.8 | 1302.6 | 1290.8 | 1279.0 | 1276.1 | 1245.9 | 1205.8 | 1185.8 | 1172.7 | 1146.5 | 1126.9 |
| 160°   | 1271.7 | 1278.5 | 1271.7 | 1264.9 | 1263.2 | 1237.4 | 1203.0 | 1185.8 | 1175.4 | 1154.7 | 1139.1 |
| 162.5° | 1259.1 | 1265.6 | 1259.1 | 1252.7 | 1251.1 | 1229.3 | 1200.3 | 1185.8 | 1178.2 | 1163.2 | 1151.9 |
| 165°   | 1241.1 | 1247.9 | 1241.1 | 1234.3 | 1232.6 | 1217.0 | 1196.1 | 1185.8 | 1182.4 | 1175.6 | 1170.5 |
| 167.5° | 1228.0 | 1230.9 | 1228.0 | 1225.1 | 1224.4 | 1214.3 | 1200.6 | 1193.8 | 1190.9 | 1185.2 | 1180.9 |
| 170°   | 1224.4 | 1224.4 | 1224.4 | 1224.4 | 1224.4 | 1214.3 | 1200.6 | 1193.8 | 1193.6 | 1193.3 | 1193.0 |
| 172.5° | 1214.9 | 1212.4 | 1214.9 | 1217.5 | 1218.0 | 1210.0 | 1199.2 | 1193.8 | 1193.8 | 1193.8 | 1193.8 |
| 175°   | 1209.1 | 1209.1 | 1209.1 | 1209.1 | 1209.1 | 1204.0 | 1197.2 | 1193.8 | 1195.5 | 1198.7 | 1201.1 |
| 177.5° | 1204.0 | 1201.1 | 1204.0 | 1206.9 | 1207.6 | 1203.5 | 1198.2 | 1195.5 | 1196.7 | 1199.2 | 1201.1 |
| 180°   | 1201.1 | 1201.1 | 1201.1 | 1201.1 | 1201.1 | 1201.1 | 1201.1 | 1201.1 | 1201.1 | 1201.1 | 1201.1 |

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**CANDELA DISTRIBUTION (continued):**

|        | 160°   | 170°   | 180°   | 190°   | 200°   | 202.5° | 210°   | 220°   | 225°   | 230°   | 240°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 2048.4 | 2048.4 | 2048.4 | 2048.4 | 2048.4 | 2048.4 | 2048.4 | 2048.4 | 2048.4 | 2048.4 | 2048.4 |
| 2.5°   | 2077.4 | 2065.8 | 2065.8 | 2046.4 | 2038.7 | 2032.9 | 2023.2 | 1994.1 | 1986.4 | 1978.6 | 1990.2 |
| 5°     | 2094.9 | 2073.6 | 2058.1 | 2023.2 | 1994.1 | 1982.5 | 1945.7 | 1875.9 | 1829.4 | 1794.5 | 1775.1 |
| 7.5°   | 2098.8 | 2071.6 | 2042.6 | 1988.3 | 1918.5 | 1887.5 | 1775.1 | 1647.2 | 1612.3 | 1581.3 | 1561.9 |
| 10°    | 2094.9 | 2063.9 | 2023.2 | 1941.8 | 1777.0 | 1722.8 | 1610.4 | 1527.0 | 1505.7 | 1499.9 | 1505.7 |
| 12.5°  | 2081.3 | 2052.2 | 1996.0 | 1860.4 | 1629.8 | 1592.9 | 1527.0 | 1478.6 | 1474.7 | 1484.4 | 1536.7 |
| 15°    | 2058.1 | 2030.9 | 1965.0 | 1751.9 | 1548.4 | 1521.2 | 1474.7 | 1457.3 | 1478.6 | 1546.4 | 1703.4 |
| 17.5°  | 2034.8 | 2003.8 | 1922.4 | 1645.3 | 1486.3 | 1467.0 | 1434.0 | 1468.9 | 1589.1 | 1680.1 | 1732.5 |
| 20°    | 2003.8 | 1967.0 | 1873.9 | 1567.7 | 1441.8 | 1424.3 | 1408.8 | 1565.8 | 1656.9 | 1689.8 | 1718.9 |
| 22.5°  | 1967.0 | 1928.2 | 1808.1 | 1513.5 | 1395.3 | 1381.7 | 1391.4 | 1620.1 | 1656.9 | 1680.1 | 1705.3 |
| 25°    | 1918.5 | 1885.6 | 1730.5 | 1470.8 | 1358.4 | 1342.9 | 1379.8 | 1614.3 | 1635.6 | 1641.4 | 1691.8 |
| 27.5°  | 1873.9 | 1831.3 | 1649.1 | 1432.1 | 1313.9 | 1308.1 | 1389.4 | 1589.1 | 1604.6 | 1610.4 | 1664.6 |
| 30°    | 1819.7 | 1755.7 | 1558.1 | 1391.4 | 1267.4 | 1265.4 | 1391.4 | 1558.1 | 1554.2 | 1569.7 | 1623.9 |
| 32.5°  | 1763.5 | 1643.3 | 1455.3 | 1341.0 | 1222.8 | 1220.8 | 1377.8 | 1511.5 | 1507.7 | 1529.0 | 1569.7 |
| 35°    | 1711.2 | 1556.1 | 1315.8 | 1282.9 | 1166.6 | 1168.5 | 1344.9 | 1457.3 | 1459.2 | 1478.6 | 1503.8 |
| 37.5°  | 1656.9 | 1480.5 | 1162.7 | 1218.9 | 1112.4 | 1112.4 | 1300.3 | 1406.9 | 1403.0 | 1408.8 | 1443.7 |
| 40°    | 1592.9 | 1362.3 | 1027.1 | 1135.7 | 1062.0 | 1056.2 | 1246.0 | 1352.6 | 1339.1 | 1337.1 | 1385.6 |
| 42.5°  | 1525.1 | 1232.5 | 926.4  | 1025.2 | 1003.9 | 996.1  | 1180.1 | 1286.7 | 1261.5 | 1267.4 | 1329.4 |
| 45°    | 1451.5 | 1197.6 | 848.8  | 866.3  | 943.8  | 938.0  | 1108.5 | 1211.2 | 1193.7 | 1209.2 | 1273.2 |
| 47.5°  | 1377.8 | 1127.9 | 823.6  | 719.0  | 879.9  | 877.9  | 1029.1 | 1137.6 | 1127.9 | 1143.4 | 1211.2 |
| 50°    | 1277.0 | 1050.4 | 821.7  | 616.3  | 808.1  | 815.9  | 934.1  | 1065.9 | 1065.9 | 1079.5 | 1151.2 |
| 52.5°  | 1147.3 | 955.4  | 746.1  | 558.1  | 724.8  | 748.1  | 850.8  | 1003.9 | 1007.8 | 1021.3 | 1085.3 |
| 55°    | 1029.1 | 856.6  | 691.9  | 513.6  | 626.0  | 676.4  | 769.4  | 939.9  | 947.7  | 961.2  | 1019.4 |
| 57.5°  | 920.6  | 713.2  | 680.2  | 461.2  | 534.9  | 583.3  | 697.7  | 877.9  | 881.8  | 893.4  | 949.6  |
| 60°    | 804.3  | 515.5  | 624.0  | 405.0  | 455.4  | 492.3  | 631.8  | 804.3  | 817.8  | 825.6  | 874.0  |
| 62.5°  | 672.5  | 374.0  | 565.9  | 366.3  | 416.7  | 424.4  | 577.5  | 734.5  | 751.9  | 757.8  | 786.8  |
| 65°    | 478.7  | 314.0  | 480.6  | 333.3  | 376.0  | 377.9  | 519.4  | 662.8  | 678.3  | 688.0  | 709.3  |
| 67.5°  | 323.6  | 255.8  | 366.3  | 302.3  | 345.0  | 346.9  | 463.2  | 579.5  | 600.8  | 608.5  | 622.1  |
| 70°    | 224.8  | 170.5  | 271.3  | 269.4  | 310.1  | 314.0  | 403.1  | 503.9  | 523.3  | 529.1  | 536.8  |
| 72.5°  | 164.7  | 137.6  | 224.8  | 242.2  | 273.3  | 277.1  | 341.1  | 418.6  | 438.0  | 443.8  | 447.7  |
| 75°    | 126.0  | 145.4  | 182.2  | 211.2  | 232.6  | 234.5  | 279.1  | 341.1  | 354.7  | 358.5  | 360.5  |
| 77.5°  | 100.8  | 135.7  | 133.7  | 170.5  | 189.9  | 186.0  | 219.0  | 263.6  | 275.2  | 275.2  | 275.2  |
| 80°    | 75.6   | 106.6  | 100.8  | 122.1  | 139.5  | 135.7  | 157.0  | 188.0  | 191.9  | 195.7  | 193.8  |
| 82.5°  | 56.2   | 67.8   | 67.8   | 77.5   | 93.0   | 89.1   | 104.7  | 122.1  | 122.1  | 122.1  | 126.0  |
| 85°    | 34.9   | 38.8   | 31.0   | 40.7   | 52.3   | 50.4   | 58.1   | 65.9   | 67.8   | 67.8   | 64.0   |
| 87.5°  | 21.3   | 17.4   | 9.7    | 15.5   | 23.3   | 23.3   | 27.1   | 29.1   | 27.1   | 27.1   | 27.1   |
| 90°    | 20.9   | 14.5   | 8.0    | 14.5   | 20.9   | 22.6   | 35.5   | 52.6   | 61.2   | 54.5   | 40.8   |
| 92.5°  | 142.0  | 87.1   | 32.3   | 87.1   | 142.0  | 155.6  | 218.7  | 302.9  | 345.0  | 302.3  | 217.2  |
| 95°    | 278.0  | 177.7  | 77.4   | 177.7  | 278.0  | 303.1  | 538.2  | 851.7  | 1008.4 | 899.9  | 682.8  |
| 97.5°  | 310.9  | 222.3  | 133.8  | 222.3  | 310.9  | 332.9  | 725.0  | 1247.7 | 1509.0 | 1440.4 | 1303.2 |
| 100°   | 337.9  | 257.6  | 177.3  | 257.6  | 337.9  | 357.9  | 792.9  | 1373.0 | 1663.0 | 1668.0 | 1678.0 |
| 102.5° | 364.2  | 289.2  | 214.4  | 289.2  | 364.2  | 382.9  | 824.0  | 1412.3 | 1706.5 | 1793.9 | 1968.8 |
| 105°   | 404.1  | 340.7  | 277.3  | 340.7  | 404.1  | 420.0  | 847.2  | 1416.9 | 1701.7 | 1897.6 | 2289.6 |
| 107.5° | 460.0  | 400.9  | 341.8  | 400.9  | 460.0  | 474.8  | 851.6  | 1353.8 | 1605.0 | 1878.3 | 2425.0 |
| 110°   | 492.1  | 438.7  | 385.3  | 438.7  | 492.1  | 505.4  | 845.1  | 1297.9 | 1524.3 | 1830.0 | 2441.1 |

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**CANDELA DISTRIBUTION (continued):**

|        | 160°   | 170°   | 180°   | 190°   | 200°   | 202.5° | 210°   | 220°   | 225°   | 230°   | 240°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 529.8  | 478.9  | 428.0  | 478.9  | 529.8  | 542.5  | 845.4  | 1249.1 | 1451.0 | 1763.8 | 2389.3 |
| 115°   | 586.4  | 539.4  | 492.5  | 539.4  | 586.4  | 598.2  | 853.1  | 1193.1 | 1363.1 | 1664.5 | 2267.1 |
| 117.5° | 641.5  | 598.8  | 556.2  | 598.8  | 641.5  | 652.1  | 869.0  | 1158.1 | 1302.6 | 1574.5 | 2118.4 |
| 120°   | 673.6  | 633.4  | 593.3  | 633.4  | 673.6  | 683.5  | 881.9  | 1146.3 | 1278.5 | 1527.0 | 2023.9 |
| 122.5° | 710.6  | 670.1  | 629.6  | 670.1  | 710.6  | 720.6  | 900.4  | 1140.0 | 1259.9 | 1483.6 | 1931.1 |
| 125°   | 759.0  | 722.1  | 685.2  | 722.1  | 759.0  | 768.2  | 925.4  | 1135.0 | 1239.7 | 1429.9 | 1810.0 |
| 127.5° | 804.9  | 767.5  | 730.3  | 767.5  | 804.9  | 814.2  | 950.4  | 1132.1 | 1222.9 | 1386.1 | 1712.4 |
| 130°   | 834.7  | 794.6  | 754.5  | 794.6  | 834.7  | 844.8  | 968.6  | 1133.8 | 1216.4 | 1361.6 | 1652.2 |
| 132.5° | 859.7  | 819.6  | 779.5  | 819.6  | 859.7  | 869.8  | 983.4  | 1135.0 | 1210.8 | 1340.8 | 1600.9 |
| 135°   | 889.7  | 853.1  | 816.6  | 853.1  | 889.7  | 898.8  | 999.6  | 1133.9 | 1201.1 | 1310.0 | 1527.8 |
| 137.5° | 926.8  | 890.6  | 854.5  | 890.6  | 926.8  | 935.9  | 1023.7 | 1140.9 | 1199.4 | 1291.5 | 1475.7 |
| 140°   | 952.5  | 919.2  | 885.9  | 919.2  | 952.5  | 960.9  | 1038.5 | 1142.1 | 1193.8 | 1273.4 | 1432.5 |
| 142.5° | 971.7  | 940.9  | 910.1  | 940.9  | 971.7  | 979.4  | 1050.9 | 1146.1 | 1193.8 | 1263.7 | 1403.4 |
| 145°   | 1001.0 | 974.0  | 947.2  | 974.0  | 1001.0 | 1007.7 | 1067.1 | 1146.2 | 1185.8 | 1242.9 | 1357.2 |
| 147.5° | 1036.5 | 1010.4 | 984.2  | 1010.4 | 1036.5 | 1043.1 | 1090.7 | 1154.1 | 1185.8 | 1230.7 | 1320.7 |
| 150°   | 1055.7 | 1032.1 | 1008.4 | 1032.1 | 1055.7 | 1061.6 | 1103.0 | 1158.1 | 1185.8 | 1223.8 | 1299.7 |
| 152.5° | 1069.3 | 1051.4 | 1033.4 | 1051.4 | 1069.3 | 1073.7 | 1111.1 | 1160.9 | 1185.8 | 1218.2 | 1283.1 |
| 155°   | 1097.0 | 1083.7 | 1070.5 | 1083.7 | 1097.0 | 1100.3 | 1128.8 | 1166.8 | 1185.8 | 1211.5 | 1263.2 |
| 157.5° | 1123.7 | 1110.8 | 1097.9 | 1110.8 | 1123.7 | 1126.9 | 1146.5 | 1172.7 | 1185.8 | 1205.8 | 1245.9 |
| 160°   | 1136.5 | 1126.6 | 1116.5 | 1126.6 | 1136.5 | 1139.1 | 1154.7 | 1175.4 | 1185.8 | 1203.0 | 1237.4 |
| 162.5° | 1150.1 | 1142.5 | 1135.0 | 1142.5 | 1150.1 | 1151.9 | 1163.2 | 1178.2 | 1185.8 | 1200.3 | 1229.3 |
| 165°   | 1168.7 | 1161.9 | 1155.1 | 1161.9 | 1168.7 | 1170.5 | 1175.6 | 1182.4 | 1185.8 | 1196.1 | 1217.0 |
| 167.5° | 1180.1 | 1176.9 | 1173.7 | 1176.9 | 1180.1 | 1180.9 | 1185.2 | 1190.9 | 1193.8 | 1200.6 | 1214.3 |
| 170°   | 1192.3 | 1189.0 | 1185.8 | 1189.0 | 1192.3 | 1193.0 | 1193.3 | 1193.6 | 1193.8 | 1200.6 | 1214.3 |
| 172.5° | 1193.6 | 1192.9 | 1192.3 | 1192.9 | 1193.6 | 1193.8 | 1193.8 | 1193.8 | 1193.8 | 1199.2 | 1210.0 |
| 175°   | 1201.1 | 1201.1 | 1201.1 | 1201.1 | 1201.1 | 1201.1 | 1198.7 | 1195.5 | 1193.8 | 1197.2 | 1204.0 |
| 177.5° | 1201.1 | 1201.1 | 1201.1 | 1201.1 | 1201.1 | 1201.1 | 1199.2 | 1196.7 | 1195.5 | 1198.2 | 1203.5 |
| 180°   | 1201.1 | 1201.1 | 1201.1 | 1201.1 | 1201.1 | 1201.1 | 1201.1 | 1201.1 | 1201.1 | 1201.1 | 1201.1 |

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**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°   | 260°   | 270°   | 280°   | 290°   | 292.5° | 300°   | 310°   | 315°   | 320°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 2048.4 | 2048.4 | 2048.4 | 2048.4 | 2048.4 | 2048.4 | 2048.4 | 2048.4 | 2048.4 | 2048.4 | 2048.4 |
| 2.5°   | 1976.7 | 1970.8 | 1978.6 | 1957.3 | 1978.6 | 1970.8 | 1976.7 | 1990.2 | 1978.6 | 1986.4 | 1994.1 |
| 5°     | 1734.4 | 1724.7 | 1693.7 | 1668.5 | 1693.7 | 1724.7 | 1734.4 | 1775.1 | 1794.5 | 1829.4 | 1875.9 |
| 7.5°   | 1550.3 | 1542.6 | 1534.8 | 1519.3 | 1534.8 | 1542.6 | 1550.3 | 1561.9 | 1581.3 | 1612.3 | 1647.2 |
| 10°    | 1509.6 | 1511.5 | 1523.2 | 1521.2 | 1523.2 | 1511.5 | 1509.6 | 1505.7 | 1499.9 | 1505.7 | 1527.0 |
| 12.5°  | 1614.3 | 1631.7 | 1695.7 | 1691.8 | 1695.7 | 1631.7 | 1614.3 | 1536.7 | 1484.4 | 1474.7 | 1478.6 |
| 15°    | 1734.4 | 1740.2 | 1753.8 | 1755.7 | 1753.8 | 1740.2 | 1734.4 | 1703.4 | 1546.4 | 1478.6 | 1457.3 |
| 17.5°  | 1746.0 | 1748.0 | 1757.7 | 1757.7 | 1757.7 | 1748.0 | 1746.0 | 1732.5 | 1680.1 | 1589.1 | 1468.9 |
| 20°    | 1736.4 | 1740.2 | 1759.6 | 1763.5 | 1759.6 | 1740.2 | 1736.4 | 1718.9 | 1689.8 | 1656.9 | 1565.8 |
| 22.5°  | 1732.5 | 1740.2 | 1755.7 | 1753.8 | 1755.7 | 1740.2 | 1732.5 | 1705.3 | 1680.1 | 1656.9 | 1620.1 |
| 25°    | 1713.1 | 1713.1 | 1715.0 | 1717.0 | 1715.0 | 1713.1 | 1713.1 | 1691.8 | 1641.4 | 1635.6 | 1614.3 |
| 27.5°  | 1672.4 | 1676.3 | 1687.9 | 1686.0 | 1687.9 | 1676.3 | 1672.4 | 1664.6 | 1610.4 | 1604.6 | 1589.1 |
| 30°    | 1635.6 | 1631.7 | 1622.0 | 1614.3 | 1622.0 | 1631.7 | 1635.6 | 1623.9 | 1569.7 | 1554.2 | 1558.1 |
| 32.5°  | 1573.6 | 1563.9 | 1554.2 | 1548.4 | 1554.2 | 1563.9 | 1573.6 | 1569.7 | 1529.0 | 1507.7 | 1511.5 |
| 35°    | 1499.9 | 1501.9 | 1499.9 | 1494.1 | 1499.9 | 1501.9 | 1499.9 | 1503.8 | 1478.6 | 1459.2 | 1457.3 |
| 37.5°  | 1447.6 | 1451.5 | 1449.5 | 1441.8 | 1449.5 | 1451.5 | 1447.6 | 1443.7 | 1408.8 | 1403.0 | 1406.9 |
| 40°    | 1393.3 | 1395.3 | 1393.3 | 1387.5 | 1393.3 | 1395.3 | 1393.3 | 1385.6 | 1337.1 | 1339.1 | 1352.6 |
| 42.5°  | 1341.0 | 1339.1 | 1333.2 | 1329.4 | 1333.2 | 1339.1 | 1341.0 | 1329.4 | 1267.4 | 1261.5 | 1286.7 |
| 45°    | 1280.9 | 1282.9 | 1271.2 | 1265.4 | 1271.2 | 1282.9 | 1280.9 | 1273.2 | 1209.2 | 1193.7 | 1211.2 |
| 47.5°  | 1220.8 | 1220.8 | 1211.2 | 1205.3 | 1211.2 | 1220.8 | 1220.8 | 1211.2 | 1143.4 | 1127.9 | 1137.6 |
| 50°    | 1156.9 | 1155.0 | 1141.5 | 1139.5 | 1141.5 | 1155.0 | 1156.9 | 1151.2 | 1079.5 | 1065.9 | 1065.9 |
| 52.5°  | 1083.3 | 1083.3 | 1085.3 | 1089.2 | 1085.3 | 1083.3 | 1083.3 | 1085.3 | 1021.3 | 1007.8 | 1003.9 |
| 55°    | 1019.4 | 1021.3 | 1034.9 | 1038.8 | 1034.9 | 1021.3 | 1019.4 | 1019.4 | 961.2  | 947.7  | 939.9  |
| 57.5°  | 953.5  | 953.5  | 963.2  | 963.2  | 963.2  | 953.5  | 953.5  | 949.6  | 893.4  | 881.8  | 877.9  |
| 60°    | 877.9  | 881.8  | 889.5  | 887.6  | 889.5  | 881.8  | 877.9  | 874.0  | 825.6  | 817.8  | 804.3  |
| 62.5°  | 798.5  | 802.3  | 804.3  | 800.4  | 804.3  | 802.3  | 798.5  | 786.8  | 757.8  | 751.9  | 734.5  |
| 65°    | 715.1  | 719.0  | 720.9  | 717.1  | 720.9  | 719.0  | 715.1  | 709.3  | 688.0  | 678.3  | 662.8  |
| 67.5°  | 629.8  | 627.9  | 626.0  | 633.7  | 626.0  | 627.9  | 629.8  | 622.1  | 608.5  | 600.8  | 579.5  |
| 70°    | 542.6  | 542.6  | 540.7  | 544.6  | 540.7  | 542.6  | 542.6  | 536.8  | 529.1  | 523.3  | 503.9  |
| 72.5°  | 449.6  | 447.7  | 455.4  | 449.6  | 455.4  | 447.7  | 449.6  | 447.7  | 443.8  | 438.0  | 418.6  |
| 75°    | 358.5  | 362.4  | 358.5  | 364.3  | 358.5  | 362.4  | 358.5  | 360.5  | 358.5  | 354.7  | 341.1  |
| 77.5°  | 273.3  | 277.1  | 273.3  | 273.3  | 273.3  | 277.1  | 273.3  | 275.2  | 275.2  | 275.2  | 263.6  |
| 80°    | 193.8  | 191.9  | 191.9  | 189.9  | 191.9  | 191.9  | 193.8  | 193.8  | 195.7  | 191.9  | 188.0  |
| 82.5°  | 124.0  | 122.1  | 122.1  | 126.0  | 122.1  | 122.1  | 124.0  | 126.0  | 122.1  | 122.1  | 122.1  |
| 85°    | 67.8   | 69.8   | 65.9   | 65.9   | 65.9   | 69.8   | 67.8   | 64.0   | 67.8   | 67.8   | 65.9   |
| 87.5°  | 25.2   | 23.3   | 23.3   | 23.3   | 23.3   | 23.3   | 25.2   | 27.1   | 27.1   | 27.1   | 29.1   |
| 90°    | 30.6   | 30.6   | 30.6   | 30.6   | 30.6   | 30.6   | 30.6   | 40.8   | 54.5   | 61.2   | 52.6   |
| 92.5°  | 153.2  | 147.1  | 122.8  | 98.4   | 122.8  | 147.1  | 153.2  | 217.2  | 302.3  | 345.0  | 302.9  |
| 95°    | 520.0  | 501.6  | 427.7  | 353.9  | 427.7  | 501.6  | 520.0  | 682.8  | 899.9  | 1008.4 | 851.7  |
| 97.5°  | 1200.3 | 1165.2 | 1024.7 | 884.3  | 1024.7 | 1165.2 | 1200.3 | 1303.2 | 1440.4 | 1509.0 | 1247.7 |
| 100°   | 1685.6 | 1643.7 | 1476.5 | 1309.1 | 1476.5 | 1643.7 | 1685.6 | 1678.0 | 1668.0 | 1663.0 | 1373.0 |
| 102.5° | 2099.9 | 2064.1 | 1920.8 | 1777.4 | 1920.8 | 2064.1 | 2099.9 | 1968.8 | 1793.9 | 1706.5 | 1412.3 |
| 105°   | 2583.5 | 2564.3 | 2487.2 | 2410.2 | 2487.2 | 2564.3 | 2583.5 | 2289.6 | 1897.6 | 1701.7 | 1416.9 |
| 107.5° | 2835.0 | 2839.7 | 2858.4 | 2877.0 | 2858.4 | 2839.7 | 2835.0 | 2425.0 | 1878.3 | 1605.0 | 1353.8 |
| 110°   | 2899.5 | 2919.6 | 2999.8 | 3080.1 | 2999.8 | 2919.6 | 2899.5 | 2441.1 | 1830.0 | 1524.3 | 1297.9 |

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**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°   | 260°   | 270°   | 280°   | 290°   | 292.5° | 300°   | 310°   | 315°   | 320°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 2858.5 | 2889.3 | 3012.4 | 3135.7 | 3012.4 | 2889.3 | 2858.5 | 2389.3 | 1763.8 | 1451.0 | 1249.1 |
| 115°   | 2719.0 | 2761.7 | 2932.6 | 3103.5 | 2932.6 | 2761.7 | 2719.0 | 2267.1 | 1664.5 | 1363.1 | 1193.1 |
| 117.5° | 2526.3 | 2573.7 | 2763.2 | 2952.7 | 2763.2 | 2573.7 | 2526.3 | 2118.4 | 1574.5 | 1302.6 | 1158.1 |
| 120°   | 2396.5 | 2442.6 | 2626.8 | 2810.9 | 2626.8 | 2442.6 | 2396.5 | 2023.9 | 1527.0 | 1278.5 | 1146.3 |
| 122.5° | 2266.8 | 2312.2 | 2493.8 | 2675.4 | 2493.8 | 2312.2 | 2266.8 | 1931.1 | 1483.6 | 1259.9 | 1140.0 |
| 125°   | 2095.1 | 2136.9 | 2304.2 | 2471.5 | 2304.2 | 2136.9 | 2095.1 | 1810.0 | 1429.9 | 1239.7 | 1135.0 |
| 127.5° | 1957.2 | 1992.5 | 2133.6 | 2274.8 | 2133.6 | 1992.5 | 1957.2 | 1712.4 | 1386.1 | 1222.9 | 1132.1 |
| 130°   | 1870.2 | 1902.7 | 2033.2 | 2163.6 | 2033.2 | 1902.7 | 1870.2 | 1652.2 | 1361.6 | 1216.4 | 1133.8 |
| 132.5° | 1795.9 | 1825.1 | 1942.0 | 2058.7 | 1942.0 | 1825.1 | 1795.9 | 1600.9 | 1340.8 | 1210.8 | 1135.0 |
| 135°   | 1691.2 | 1716.4 | 1817.1 | 1917.7 | 1817.1 | 1716.4 | 1691.2 | 1527.8 | 1310.0 | 1201.1 | 1133.9 |
| 137.5° | 1613.8 | 1634.4 | 1716.8 | 1799.2 | 1716.8 | 1634.4 | 1613.8 | 1475.7 | 1291.5 | 1199.4 | 1140.9 |
| 140°   | 1551.8 | 1571.0 | 1648.0 | 1725.0 | 1648.0 | 1571.0 | 1551.8 | 1432.5 | 1273.4 | 1193.8 | 1142.1 |
| 142.5° | 1508.2 | 1524.8 | 1591.1 | 1657.4 | 1591.1 | 1524.8 | 1508.2 | 1403.4 | 1263.7 | 1193.8 | 1146.1 |
| 145°   | 1442.9 | 1455.4 | 1505.6 | 1555.7 | 1505.6 | 1455.4 | 1442.9 | 1357.2 | 1242.9 | 1185.8 | 1146.2 |
| 147.5° | 1388.1 | 1398.5 | 1440.0 | 1481.6 | 1440.0 | 1398.5 | 1388.1 | 1320.7 | 1230.7 | 1185.8 | 1154.1 |
| 150°   | 1356.7 | 1365.1 | 1398.8 | 1432.5 | 1398.8 | 1365.1 | 1356.7 | 1299.7 | 1223.8 | 1185.8 | 1158.1 |
| 152.5° | 1331.7 | 1338.1 | 1363.5 | 1388.9 | 1363.5 | 1338.1 | 1331.7 | 1283.1 | 1218.2 | 1185.8 | 1160.9 |
| 155°   | 1301.9 | 1306.0 | 1322.9 | 1339.7 | 1322.9 | 1306.0 | 1301.9 | 1263.2 | 1211.5 | 1185.8 | 1166.8 |
| 157.5° | 1276.1 | 1279.0 | 1290.8 | 1302.6 | 1290.8 | 1279.0 | 1276.1 | 1245.9 | 1205.8 | 1185.8 | 1172.7 |
| 160°   | 1263.2 | 1264.9 | 1271.7 | 1278.5 | 1271.7 | 1264.9 | 1263.2 | 1237.4 | 1203.0 | 1185.8 | 1175.4 |
| 162.5° | 1251.1 | 1252.7 | 1259.1 | 1265.6 | 1259.1 | 1252.7 | 1251.1 | 1229.3 | 1200.3 | 1185.8 | 1178.2 |
| 165°   | 1232.6 | 1234.3 | 1241.1 | 1247.9 | 1241.1 | 1234.3 | 1232.6 | 1217.0 | 1196.1 | 1185.8 | 1182.4 |
| 167.5° | 1224.4 | 1225.1 | 1228.0 | 1230.9 | 1228.0 | 1225.1 | 1224.4 | 1214.3 | 1200.6 | 1193.8 | 1190.9 |
| 170°   | 1224.4 | 1224.4 | 1224.4 | 1224.4 | 1224.4 | 1224.4 | 1224.4 | 1214.3 | 1200.6 | 1193.8 | 1193.6 |
| 172.5° | 1218.0 | 1217.5 | 1214.9 | 1212.4 | 1214.9 | 1217.5 | 1218.0 | 1210.0 | 1199.2 | 1193.8 | 1193.8 |
| 175°   | 1209.1 | 1209.1 | 1209.1 | 1209.1 | 1209.1 | 1209.1 | 1209.1 | 1204.0 | 1197.2 | 1193.8 | 1195.5 |
| 177.5° | 1207.6 | 1206.9 | 1204.0 | 1201.1 | 1204.0 | 1206.9 | 1207.6 | 1203.5 | 1198.2 | 1195.5 | 1196.7 |
| 180°   | 1201.1 | 1201.1 | 1201.1 | 1201.1 | 1201.1 | 1201.1 | 1201.1 | 1201.1 | 1201.1 | 1201.1 | 1201.1 |

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**CANDELA DISTRIBUTION (continued):**

|        | 330°   | 337.5° | 340°   | 350°   | 360°   |
|--------|--------|--------|--------|--------|--------|
| 0°     | 2048.4 | 2048.4 | 2048.4 | 2048.4 | 2048.4 |
| 2.5°   | 2023.2 | 2032.9 | 2038.7 | 2046.4 | 2065.8 |
| 5°     | 1945.7 | 1982.5 | 1994.1 | 2023.2 | 2058.1 |
| 7.5°   | 1775.1 | 1887.5 | 1918.5 | 1988.3 | 2042.6 |
| 10°    | 1610.4 | 1722.8 | 1777.0 | 1941.8 | 2023.2 |
| 12.5°  | 1527.0 | 1592.9 | 1629.8 | 1860.4 | 1996.0 |
| 15°    | 1474.7 | 1521.2 | 1548.4 | 1751.9 | 1965.0 |
| 17.5°  | 1434.0 | 1467.0 | 1486.3 | 1645.3 | 1922.4 |
| 20°    | 1408.8 | 1424.3 | 1441.8 | 1567.7 | 1873.9 |
| 22.5°  | 1391.4 | 1381.7 | 1395.3 | 1513.5 | 1808.1 |
| 25°    | 1379.8 | 1342.9 | 1358.4 | 1470.8 | 1730.5 |
| 27.5°  | 1389.4 | 1308.1 | 1313.9 | 1432.1 | 1649.1 |
| 30°    | 1391.4 | 1265.4 | 1267.4 | 1391.4 | 1558.1 |
| 32.5°  | 1377.8 | 1220.8 | 1222.8 | 1341.0 | 1455.3 |
| 35°    | 1344.9 | 1168.5 | 1166.6 | 1282.9 | 1315.8 |
| 37.5°  | 1300.3 | 1112.4 | 1112.4 | 1218.9 | 1162.7 |
| 40°    | 1246.0 | 1056.2 | 1062.0 | 1135.7 | 1027.1 |
| 42.5°  | 1180.1 | 996.1  | 1003.9 | 1025.2 | 926.4  |
| 45°    | 1108.5 | 938.0  | 943.8  | 866.3  | 848.8  |
| 47.5°  | 1029.1 | 877.9  | 879.9  | 719.0  | 823.6  |
| 50°    | 934.1  | 815.9  | 808.1  | 616.3  | 821.7  |
| 52.5°  | 850.8  | 748.1  | 724.8  | 558.1  | 746.1  |
| 55°    | 769.4  | 676.4  | 626.0  | 513.6  | 691.9  |
| 57.5°  | 697.7  | 583.3  | 534.9  | 461.2  | 680.2  |
| 60°    | 631.8  | 492.3  | 455.4  | 405.0  | 624.0  |
| 62.5°  | 577.5  | 424.4  | 416.7  | 366.3  | 565.9  |
| 65°    | 519.4  | 377.9  | 376.0  | 333.3  | 480.6  |
| 67.5°  | 463.2  | 346.9  | 345.0  | 302.3  | 366.3  |
| 70°    | 403.1  | 314.0  | 310.1  | 269.4  | 271.3  |
| 72.5°  | 341.1  | 277.1  | 273.3  | 242.2  | 224.8  |
| 75°    | 279.1  | 234.5  | 232.6  | 211.2  | 182.2  |
| 77.5°  | 219.0  | 186.0  | 189.9  | 170.5  | 133.7  |
| 80°    | 157.0  | 135.7  | 139.5  | 122.1  | 100.8  |
| 82.5°  | 104.7  | 89.1   | 93.0   | 77.5   | 67.8   |
| 85°    | 58.1   | 50.4   | 52.3   | 40.7   | 31.0   |
| 87.5°  | 27.1   | 23.3   | 23.3   | 15.5   | 9.7    |
| 90°    | 35.5   | 22.6   | 20.9   | 14.5   | 8.0    |
| 92.5°  | 218.7  | 155.6  | 142.0  | 87.1   | 32.3   |
| 95°    | 538.2  | 303.1  | 278.0  | 177.7  | 77.4   |
| 97.5°  | 725.0  | 332.9  | 310.9  | 222.3  | 133.8  |
| 100°   | 792.9  | 357.9  | 337.9  | 257.6  | 177.3  |
| 102.5° | 824.0  | 382.9  | 364.2  | 289.2  | 214.4  |
| 105°   | 847.2  | 420.0  | 404.1  | 340.7  | 277.3  |
| 107.5° | 851.6  | 474.8  | 460.0  | 400.9  | 341.8  |
| 110°   | 845.1  | 505.4  | 492.1  | 438.7  | 385.3  |



TEST NUMBER: P935200

CATALOG NUMBER: SQ4-FA-100U-075D-B35-1D-UNV-W2A-W-8

**CANDELA DISTRIBUTION (continued):**

|        | 330°   | 337.5° | 340°   | 350°   | 360°   |
|--------|--------|--------|--------|--------|--------|
| 112.5° | 845.4  | 542.5  | 529.8  | 478.9  | 428.0  |
| 115°   | 853.1  | 598.2  | 586.4  | 539.4  | 492.5  |
| 117.5° | 869.0  | 652.1  | 641.5  | 598.8  | 556.2  |
| 120°   | 881.9  | 683.5  | 673.6  | 633.4  | 593.3  |
| 122.5° | 900.4  | 720.6  | 710.6  | 670.1  | 629.6  |
| 125°   | 925.4  | 768.2  | 759.0  | 722.1  | 685.2  |
| 127.5° | 950.4  | 814.2  | 804.9  | 767.5  | 730.3  |
| 130°   | 968.6  | 844.8  | 834.7  | 794.6  | 754.5  |
| 132.5° | 983.4  | 869.8  | 859.7  | 819.6  | 779.5  |
| 135°   | 999.6  | 898.8  | 889.7  | 853.1  | 816.6  |
| 137.5° | 1023.7 | 935.9  | 926.8  | 890.6  | 854.5  |
| 140°   | 1038.5 | 960.9  | 952.5  | 919.2  | 885.9  |
| 142.5° | 1050.9 | 979.4  | 971.7  | 940.9  | 910.1  |
| 145°   | 1067.1 | 1007.7 | 1001.0 | 974.0  | 947.2  |
| 147.5° | 1090.7 | 1043.1 | 1036.5 | 1010.4 | 984.2  |
| 150°   | 1103.0 | 1061.6 | 1055.7 | 1032.1 | 1008.4 |
| 152.5° | 1111.1 | 1073.7 | 1069.3 | 1051.4 | 1033.4 |
| 155°   | 1128.8 | 1100.3 | 1097.0 | 1083.7 | 1070.5 |
| 157.5° | 1146.5 | 1126.9 | 1123.7 | 1110.8 | 1097.9 |
| 160°   | 1154.7 | 1139.1 | 1136.5 | 1126.6 | 1116.5 |
| 162.5° | 1163.2 | 1151.9 | 1150.1 | 1142.5 | 1135.0 |
| 165°   | 1175.6 | 1170.5 | 1168.7 | 1161.9 | 1155.1 |
| 167.5° | 1185.2 | 1180.9 | 1180.1 | 1176.9 | 1173.7 |
| 170°   | 1193.3 | 1193.0 | 1192.3 | 1189.0 | 1185.8 |
| 172.5° | 1193.8 | 1193.8 | 1193.6 | 1192.9 | 1192.3 |
| 175°   | 1198.7 | 1201.1 | 1201.1 | 1201.1 | 1201.1 |
| 177.5° | 1199.2 | 1201.1 | 1201.1 | 1201.1 | 1201.1 |
| 180°   | 1201.1 | 1201.1 | 1201.1 | 1201.1 | 1201.1 |

(END OF REPORT)