

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: NEO-RAY

Report Number: P331579-935

Luminaire Tested: **S122DIW-S865D1440U935-4F0-1E-UDD-A**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P331579-935  
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-2,  
Test Lab: INNOVATION CENTER  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: NEO-RAY  
Catalog Number: S122DIW-S865D1440U935-4F0-1E-UDD-A  
Description: DEFINE 2 DIRECT-INDIRECT WALL MOUNT LED LUMINAIRE  
DOWNLIGHT 865 LUMENS PER FOOT, ASYMMETRIC DIFFUSER  
UPLIGHT 1440 LUMENS PER FOOT, NO LENS  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 8243.2 lumens  
Efficiency: N/A  
Efficacy: 107.6 lumens/watt  
Spacing Criteria (0/90/45): 1.08 / 1.16 / 1.23  
Luminous Opening: Rectangular (W 4' x L: 0.17' x H: 0')  
CIE Type: Semi-Indirect

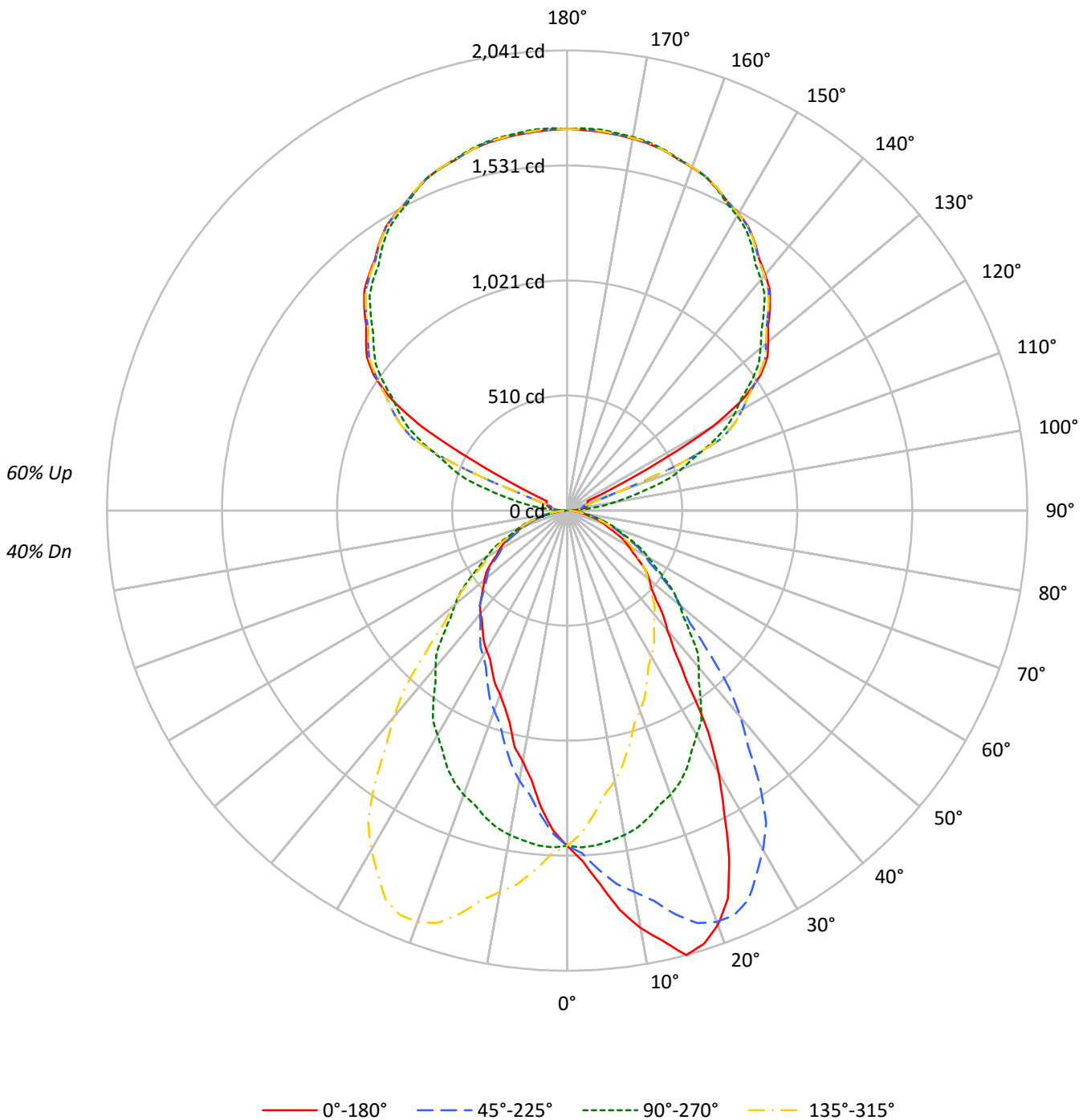
Input Watts (W): 76.6  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



TEST NUMBER: P331579-935

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### Luminous Intensity Polar Plot





TEST NUMBER: P331579-935

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

|     |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| RF  | 20  |     |     |     | 20 |    |    |    | 20 |    |    |    | 20 |    |    |    | 20 |    |
| RC  | 80  |     |     |     | 70 |    |    |    | 50 |    |    |    | 30 |    |    |    | 10 | 0  |
| RW  | 70  | 50  | 30  | 10  | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 0  |
| RCR |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 0   | 105 | 105 | 105 | 105 | 95 | 95 | 95 | 95 | 78 | 78 | 78 | 62 | 62 | 62 | 47 | 47 | 47 | 40 |
| 1   | 96  | 92  | 88  | 85  | 87 | 84 | 81 | 78 | 69 | 66 | 64 | 55 | 53 | 52 | 42 | 41 | 40 | 34 |
| 2   | 88  | 81  | 75  | 70  | 80 | 74 | 69 | 64 | 61 | 57 | 54 | 48 | 46 | 44 | 37 | 36 | 34 | 29 |
| 3   | 80  | 71  | 64  | 59  | 73 | 65 | 59 | 54 | 54 | 49 | 46 | 43 | 40 | 38 | 33 | 31 | 30 | 25 |
| 4   | 73  | 63  | 56  | 50  | 67 | 58 | 51 | 46 | 48 | 43 | 39 | 39 | 35 | 33 | 30 | 28 | 26 | 22 |
| 5   | 68  | 56  | 49  | 43  | 61 | 52 | 45 | 40 | 43 | 38 | 34 | 35 | 31 | 28 | 27 | 25 | 23 | 19 |
| 6   | 62  | 51  | 43  | 37  | 57 | 47 | 40 | 35 | 39 | 34 | 30 | 32 | 28 | 25 | 25 | 22 | 20 | 17 |
| 7   | 58  | 46  | 38  | 33  | 52 | 42 | 35 | 31 | 35 | 30 | 26 | 29 | 25 | 22 | 23 | 20 | 18 | 15 |
| 8   | 53  | 42  | 34  | 29  | 49 | 38 | 32 | 27 | 32 | 27 | 24 | 26 | 23 | 20 | 21 | 18 | 16 | 14 |
| 9   | 50  | 38  | 31  | 26  | 45 | 35 | 29 | 24 | 30 | 25 | 21 | 24 | 21 | 18 | 19 | 17 | 15 | 13 |
| 10  | 47  | 35  | 28  | 23  | 42 | 32 | 26 | 22 | 27 | 22 | 19 | 23 | 19 | 16 | 18 | 15 | 14 | 12 |

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

|     | 0°    | 90°   | 180°  | 270°  |
|-----|-------|-------|-------|-------|
| 0°  | 24001 | 24001 | 24001 | 24001 |
| 5°  | 26909 | 24159 | 21409 | 24159 |
| 10° | 30836 | 23961 | 18528 | 23961 |
| 15° | 34111 | 23520 | 16368 | 23520 |
| 20° | 33593 | 23048 | 14921 | 23048 |
| 25° | 30289 | 22422 | 14004 | 22422 |
| 30° | 25031 | 21420 | 13336 | 21420 |
| 35° | 18242 | 20371 | 12861 | 20371 |
| 40° | 14570 | 19134 | 12596 | 19134 |
| 45° | 12732 | 17701 | 12237 | 17701 |
| 50° | 11969 | 16317 | 11997 | 16317 |
| 55° | 11032 | 14908 | 11674 | 14908 |
| 60° | 10111 | 13411 | 11179 | 13411 |
| 65° | 9211  | 12069 | 10693 | 12069 |
| 70° | 8360  | 10763 | 9980  | 10763 |
| 75° | 7411  | 9301  | 8840  | 9301  |
| 80° | 6369  | 7699  | 7113  | 7699  |
| 85° | 5706  | 5706  | 4224  | 5706  |



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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 141.6  | 1.7       |
| 10°-20°   | 411.6  | 5.0       |
| 20°-30°   | 597.3  | 7.2       |
| 30°-40°   | 630.3  | 7.6       |
| 40°-50°   | 558.1  | 6.8       |
| 50°-60°   | 445.4  | 5.4       |
| 60°-70°   | 302.7  | 3.7       |
| 70°-80°   | 155.2  | 1.9       |
| 80°-90°   | 41.6   | 0.5       |
| 90°-100°  | 56.5   | 0.7       |
| 100°-110° | 207.0  | 2.5       |
| 110°-120° | 553.4  | 6.7       |
| 120°-130° | 913.5  | 11.1      |
| 130°-140° | 971.4  | 11.8      |
| 140°-150° | 902.9  | 11.0      |
| 150°-160° | 726.0  | 8.8       |
| 160°-170° | 467.8  | 5.7       |
| 170°-180° | 161.0  | 2.0       |
| 0°-30°    | 1150.5 | 14.0      |
| 0°-40°    | 1780.8 | 21.6      |
| 0°-60°    | 2784.3 | 33.8      |
| 0°-90°    | 3283.8 | 39.8      |
| 90°-120°  | 816.8  | 9.9       |
| 90°-150°  | 3604.6 | 43.7      |
| 90°-180°  | 4959.0 | 60.2      |
| 0°-180°   | 8243.2 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°   | 90°  | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0°   | 1486 | 1486 | 1486 | 1486 | 1486 |      |
| 5°   | 1660 | 1491 | 1321 | 1491 | 1660 | 166  |
| 15°  | 2041 | 1407 | 979  | 1407 | 2041 | 563  |
| 25°  | 1700 | 1259 | 786  | 1259 | 1700 | 768  |
| 35°  | 926  | 1034 | 652  | 1034 | 926  | 602  |
| 45°  | 558  | 775  | 536  | 775  | 558  | 438  |
| 55°  | 392  | 530  | 415  | 530  | 392  | 351  |
| 65°  | 241  | 316  | 280  | 316  | 241  | 240  |
| 75°  | 119  | 149  | 142  | 149  | 119  | 127  |
| 85°  | 31   | 31   | 23   | 31   | 31   | 35   |
| 90°  | 33   | 1    | 33   | 1    | 33   | 16   |
| 95°  | 53   | 80   | 53   | 80   | 53   | 49   |
| 105° | 93   | 372  | 93   | 372  | 93   | 97   |
| 115° | 100  | 704  | 100  | 704  | 100  | 251  |
| 125° | 1047 | 996  | 1047 | 996  | 1047 | 906  |
| 135° | 1272 | 1232 | 1272 | 1232 | 1272 | 981  |
| 145° | 1451 | 1429 | 1451 | 1429 | 1451 | 907  |
| 155° | 1575 | 1574 | 1575 | 1574 | 1575 | 727  |
| 165° | 1654 | 1658 | 1654 | 1658 | 1654 | 467  |
| 175° | 1686 | 1696 | 1686 | 1696 | 1686 | 161  |
| 180° | 1692 | 1692 | 1692 | 1692 | 1692 |      |



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CATALOG NUMBER: S122DIW-S865D1440U935-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 25°    | 30°    | 35°    | 40°    | 45°    | 50°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1486.5 | 1486.5 | 1486.5 | 1486.5 | 1486.5 | 1486.5 | 1486.5 | 1486.5 | 1486.5 | 1486.5 | 1486.5 |
| 2.5°   | 1555.1 | 1555.6 | 1556.5 | 1549.2 | 1548.3 | 1548.3 | 1541.9 | 1536.4 | 1530.0 | 1521.3 | 1522.2 |
| 5°     | 1660.3 | 1666.6 | 1668.8 | 1662.0 | 1651.7 | 1650.5 | 1640.8 | 1624.8 | 1610.0 | 1597.9 | 1589.4 |
| 7.5°   | 1785.7 | 1788.2 | 1782.6 | 1773.6 | 1765.9 | 1752.2 | 1734.1 | 1716.5 | 1691.7 | 1669.0 | 1652.0 |
| 10°    | 1880.8 | 1884.2 | 1874.5 | 1861.3 | 1850.5 | 1834.4 | 1808.2 | 1781.3 | 1748.8 | 1717.4 | 1692.2 |
| 12.5°  | 1953.0 | 1961.4 | 1949.0 | 1947.2 | 1928.6 | 1906.7 | 1875.4 | 1861.8 | 1816.0 | 1772.2 | 1745.2 |
| 15°    | 2040.7 | 2040.1 | 2041.3 | 2030.4 | 2016.7 | 2013.3 | 1980.2 | 1944.2 | 1879.6 | 1853.9 | 1809.4 |
| 17.5°  | 2015.3 | 2024.0 | 2028.1 | 2027.9 | 2027.6 | 2025.4 | 2014.8 | 1992.1 | 1959.7 | 1918.0 | 1866.6 |
| 20°    | 1955.1 | 1966.4 | 1968.2 | 1981.3 | 1988.7 | 1998.5 | 2002.4 | 1996.1 | 1976.2 | 1941.3 | 1896.8 |
| 22.5°  | 1861.8 | 1865.0 | 1870.4 | 1890.8 | 1906.9 | 1931.3 | 1944.0 | 1965.1 | 1957.4 | 1940.4 | 1903.2 |
| 25°    | 1700.2 | 1694.5 | 1714.5 | 1724.8 | 1762.0 | 1800.8 | 1828.8 | 1859.6 | 1887.1 | 1903.6 | 1892.7 |
| 27.5°  | 1506.2 | 1497.6 | 1527.6 | 1554.9 | 1585.0 | 1627.1 | 1670.8 | 1722.3 | 1765.1 | 1818.7 | 1837.1 |
| 30°    | 1342.6 | 1347.7 | 1376.3 | 1405.4 | 1451.1 | 1510.5 | 1559.7 | 1616.3 | 1677.4 | 1737.3 | 1779.1 |
| 32.5°  | 1166.1 | 1185.9 | 1204.0 | 1248.6 | 1288.9 | 1355.1 | 1427.1 | 1497.9 | 1574.1 | 1642.3 | 1706.8 |
| 35°    | 925.5  | 948.4  | 973.5  | 1006.1 | 1062.6 | 1128.3 | 1198.6 | 1294.0 | 1398.0 | 1491.2 | 1567.7 |
| 37.5°  | 779.0  | 775.4  | 789.8  | 813.3  | 859.1  | 912.1  | 993.1  | 1087.4 | 1209.7 | 1319.1 | 1427.1 |
| 40°    | 691.3  | 689.0  | 699.3  | 721.0  | 755.9  | 794.7  | 865.6  | 948.4  | 1062.0 | 1195.8 | 1324.3 |
| 42.5°  | 630.9  | 632.3  | 638.0  | 653.3  | 677.3  | 709.2  | 762.2  | 832.8  | 936.9  | 1062.7 | 1200.9 |
| 45°    | 557.6  | 561.6  | 567.9  | 575.3  | 589.0  | 615.3  | 645.0  | 695.3  | 777.6  | 882.7  | 1018.6 |
| 47.5°  | 504.8  | 504.9  | 511.3  | 517.8  | 526.0  | 540.8  | 565.0  | 596.6  | 654.6  | 740.2  | 857.1  |
| 50°    | 476.5  | 472.5  | 477.1  | 482.2  | 490.8  | 501.0  | 517.0  | 546.7  | 585.6  | 654.7  | 752.4  |
| 52.5°  | 441.8  | 441.9  | 446.0  | 447.9  | 455.6  | 465.9  | 480.4  | 501.0  | 536.2  | 590.3  | 670.6  |
| 55°    | 391.9  | 394.8  | 397.1  | 400.5  | 407.3  | 414.7  | 426.2  | 439.9  | 467.4  | 507.9  | 567.3  |
| 57.5°  | 345.1  | 345.9  | 348.3  | 354.8  | 359.1  | 366.0  | 376.9  | 389.3  | 407.1  | 437.1  | 481.8  |
| 60°    | 313.1  | 313.1  | 317.6  | 320.5  | 326.2  | 333.0  | 341.6  | 353.6  | 369.6  | 394.2  | 430.2  |
| 62.5°  | 283.9  | 283.4  | 285.2  | 289.9  | 294.2  | 300.7  | 309.2  | 319.3  | 334.4  | 356.3  | 385.9  |
| 65°    | 241.1  | 240.0  | 243.4  | 244.5  | 249.1  | 255.4  | 262.3  | 273.1  | 285.1  | 301.1  | 327.4  |
| 67.5°  | 199.9  | 201.3  | 203.2  | 205.3  | 207.8  | 214.5  | 219.0  | 226.7  | 236.9  | 250.1  | 267.9  |
| 70°    | 177.1  | 177.1  | 177.1  | 178.8  | 182.3  | 185.7  | 190.3  | 196.6  | 206.2  | 217.7  | 233.7  |
| 72.5°  | 151.5  | 153.3  | 155.2  | 154.1  | 158.5  | 160.6  | 166.0  | 169.5  | 178.8  | 186.1  | 200.3  |
| 75°    | 118.8  | 118.8  | 118.8  | 121.7  | 123.4  | 125.1  | 128.5  | 132.0  | 136.6  | 145.7  | 153.1  |
| 77.5°  | 88.7   | 88.4   | 89.0   | 89.7   | 91.5   | 93.6   | 94.6   | 97.7   | 101.9  | 106.2  | 112.4  |
| 80°    | 68.5   | 69.7   | 70.3   | 71.4   | 71.4   | 72.6   | 73.1   | 77.1   | 80.0   | 82.8   | 86.9   |
| 82.5°  | 53.0   | 53.2   | 53.4   | 53.6   | 54.1   | 54.8   | 56.2   | 57.5   | 58.5   | 60.9   | 64.0   |
| 85°    | 30.8   | 30.3   | 30.3   | 31.4   | 30.8   | 30.8   | 32.0   | 33.1   | 33.1   | 33.7   | 35.4   |
| 87.5°  | 18.5   | 18.4   | 18.8   | 18.2   | 18.1   | 18.3   | 18.1   | 17.3   | 17.5   | 17.7   | 17.7   |
| 90°    | 33.1   | 32.5   | 31.9   | 31.4   | 30.9   | 30.0   | 28.6   | 27.2   | 25.8   | 24.5   | 22.3   |
| 92.5°  | 33.1   | 32.7   | 32.4   | 32.1   | 31.8   | 31.3   | 30.6   | 29.8   | 29.1   | 28.4   | 27.3   |
| 95°    | 52.7   | 53.0   | 53.2   | 53.5   | 53.7   | 53.2   | 51.8   | 50.5   | 49.1   | 47.8   | 45.9   |
| 97.5°  | 70.3   | 70.0   | 69.7   | 69.3   | 69.0   | 68.3   | 67.2   | 66.1   | 65.0   | 63.9   | 59.5   |
| 100°   | 82.1   | 81.5   | 80.9   | 80.4   | 79.9   | 78.5   | 76.4   | 74.1   | 72.0   | 69.8   | 65.2   |
| 102.5° | 87.9   | 87.1   | 86.4   | 85.7   | 84.9   | 83.1   | 80.2   | 77.4   | 74.6   | 71.7   | 110.5  |
| 105°   | 93.1   | 92.0   | 90.9   | 89.8   | 88.7   | 86.7   | 83.7   | 80.7   | 77.7   | 74.7   | 149.0  |
| 107.5° | 95.7   | 94.7   | 93.6   | 92.5   | 91.4   | 92.4   | 95.4   | 98.5   | 101.5  | 104.6  | 193.6  |
| 110°   | 96.8   | 95.7   | 94.5   | 93.5   | 92.4   | 105.5  | 132.7  | 159.9  | 187.1  | 214.3  | 292.9  |



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**CANDELA DISTRIBUTION (continued):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 25°    | 30°    | 35°    | 40°    | 45°    | 50°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 97.7   | 96.9   | 96.0   | 95.1   | 94.2   | 143.4  | 242.7  | 342.0  | 441.3  | 540.5  | 559.9  |
| 115°   | 100.4  | 120.0  | 139.6  | 159.2  | 178.7  | 251.6  | 377.5  | 503.6  | 629.6  | 755.5  | 748.7  |
| 117.5° | 410.0  | 474.3  | 538.7  | 603.1  | 667.5  | 715.0  | 745.5  | 775.9  | 806.4  | 836.9  | 832.2  |
| 120°   | 747.0  | 783.7  | 820.4  | 857.2  | 893.9  | 910.7  | 907.4  | 904.1  | 900.9  | 897.6  | 892.7  |
| 122.5° | 932.1  | 939.3  | 946.4  | 953.5  | 960.6  | 963.2  | 961.3  | 959.3  | 957.3  | 955.4  | 950.0  |
| 125°   | 1047.0 | 1046.2 | 1045.3 | 1044.6 | 1043.7 | 1042.3 | 1040.4 | 1038.5 | 1036.6 | 1034.7 | 1029.6 |
| 127.5° | 1119.5 | 1119.3 | 1119.1 | 1119.0 | 1118.9 | 1117.3 | 1114.6 | 1111.8 | 1109.1 | 1106.3 | 1102.4 |
| 130°   | 1164.5 | 1164.8 | 1165.1 | 1165.4 | 1165.6 | 1164.2 | 1161.3 | 1158.3 | 1155.3 | 1152.3 | 1149.3 |
| 132.5° | 1208.6 | 1208.9 | 1209.2 | 1209.4 | 1209.7 | 1208.6 | 1206.0 | 1203.4 | 1200.9 | 1198.3 | 1195.3 |
| 135°   | 1272.3 | 1272.8 | 1273.4 | 1273.9 | 1274.5 | 1273.4 | 1270.7 | 1267.9 | 1265.2 | 1262.5 | 1260.1 |
| 137.5° | 1330.3 | 1331.3 | 1332.2 | 1333.1 | 1334.0 | 1333.2 | 1330.5 | 1327.8 | 1325.2 | 1322.5 | 1319.7 |
| 140°   | 1366.6 | 1368.0 | 1369.3 | 1370.7 | 1372.0 | 1371.5 | 1369.1 | 1366.6 | 1364.2 | 1361.7 | 1358.7 |
| 142.5° | 1401.9 | 1403.3 | 1404.5 | 1405.9 | 1407.3 | 1406.9 | 1404.6 | 1402.4 | 1400.2 | 1397.9 | 1394.5 |
| 145°   | 1451.1 | 1452.4 | 1453.8 | 1455.2 | 1456.6 | 1456.3 | 1454.3 | 1452.4 | 1450.5 | 1448.6 | 1444.0 |
| 147.5° | 1494.4 | 1495.6 | 1496.8 | 1497.9 | 1499.0 | 1498.9 | 1497.5 | 1496.1 | 1494.6 | 1493.2 | 1488.7 |
| 150°   | 1520.9 | 1522.2 | 1523.6 | 1525.0 | 1526.3 | 1526.2 | 1524.6 | 1522.9 | 1521.3 | 1519.7 | 1515.3 |
| 152.5° | 1543.4 | 1545.2 | 1547.0 | 1548.8 | 1550.6 | 1550.7 | 1549.0 | 1547.4 | 1545.8 | 1544.1 | 1540.0 |
| 155°   | 1574.8 | 1576.9 | 1579.2 | 1581.3 | 1583.5 | 1583.7 | 1582.1 | 1580.5 | 1578.8 | 1577.2 | 1574.0 |
| 157.5° | 1603.4 | 1605.5 | 1607.7 | 1609.8 | 1611.9 | 1612.1 | 1610.2 | 1608.3 | 1606.5 | 1604.6 | 1602.3 |
| 160°   | 1620.1 | 1622.0 | 1623.8 | 1625.8 | 1627.7 | 1627.8 | 1626.2 | 1624.5 | 1622.9 | 1621.3 | 1619.6 |
| 162.5° | 1633.8 | 1636.2 | 1638.5 | 1640.8 | 1643.1 | 1643.4 | 1641.6 | 1639.7 | 1637.9 | 1636.0 | 1634.6 |
| 165°   | 1654.3 | 1656.3 | 1658.2 | 1660.1 | 1662.0 | 1662.0 | 1660.1 | 1658.2 | 1656.3 | 1654.3 | 1653.6 |
| 167.5° | 1667.3 | 1669.8 | 1672.2 | 1674.7 | 1677.1 | 1677.4 | 1675.5 | 1673.6 | 1671.7 | 1669.8 | 1669.0 |
| 170°   | 1675.2 | 1677.7 | 1680.1 | 1682.6 | 1685.0 | 1685.2 | 1683.3 | 1681.4 | 1679.6 | 1677.7 | 1677.1 |
| 172.5° | 1681.0 | 1683.5 | 1685.9 | 1688.4 | 1690.8 | 1691.1 | 1689.2 | 1687.3 | 1685.4 | 1683.5 | 1683.0 |
| 175°   | 1686.2 | 1688.9 | 1691.6 | 1694.4 | 1697.1 | 1697.5 | 1695.6 | 1693.7 | 1691.8 | 1689.9 | 1689.4 |
| 177.5° | 1689.4 | 1691.3 | 1693.3 | 1695.2 | 1697.2 | 1697.5 | 1695.9 | 1694.4 | 1692.9 | 1691.3 | 1691.1 |
| 180°   | 1692.3 | 1692.3 | 1692.3 | 1692.3 | 1692.3 | 1692.3 | 1692.3 | 1692.3 | 1692.3 | 1692.3 | 1692.3 |



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**CANDELA DISTRIBUTION (continued):**

|        | 55°    | 60°    | 65°    | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    | 100°   | 105°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1486.5 | 1486.5 | 1486.5 | 1486.5 | 1486.5 | 1486.5 | 1486.5 | 1486.5 | 1486.5 | 1486.5 | 1486.5 |
| 2.5°   | 1525.4 | 1521.7 | 1519.5 | 1511.2 | 1503.9 | 1496.6 | 1494.4 | 1495.2 | 1485.2 | 1475.6 | 1471.4 |
| 5°     | 1584.8 | 1573.4 | 1562.5 | 1547.1 | 1528.9 | 1508.8 | 1498.6 | 1490.6 | 1470.6 | 1448.9 | 1436.3 |
| 7.5°   | 1638.1 | 1621.7 | 1600.9 | 1571.8 | 1545.2 | 1513.7 | 1493.7 | 1476.0 | 1446.8 | 1416.2 | 1397.4 |
| 10°    | 1670.5 | 1648.2 | 1621.3 | 1586.0 | 1553.4 | 1515.1 | 1488.2 | 1461.5 | 1427.1 | 1390.6 | 1367.7 |
| 12.5°  | 1698.4 | 1668.4 | 1641.9 | 1596.5 | 1558.0 | 1510.1 | 1478.3 | 1440.4 | 1404.3 | 1360.9 | 1338.5 |
| 15°    | 1764.8 | 1709.3 | 1659.1 | 1607.7 | 1560.2 | 1493.4 | 1458.0 | 1407.1 | 1359.7 | 1306.1 | 1280.3 |
| 17.5°  | 1816.1 | 1753.9 | 1674.6 | 1609.3 | 1553.9 | 1480.0 | 1428.0 | 1367.0 | 1311.0 | 1249.6 | 1214.6 |
| 20°    | 1845.4 | 1773.9 | 1688.8 | 1611.1 | 1544.8 | 1460.3 | 1403.7 | 1341.4 | 1275.7 | 1206.6 | 1168.9 |
| 22.5°  | 1862.7 | 1787.6 | 1703.4 | 1604.2 | 1526.6 | 1444.2 | 1373.1 | 1304.8 | 1238.3 | 1163.6 | 1124.1 |
| 25°    | 1868.2 | 1799.7 | 1710.5 | 1598.5 | 1503.7 | 1410.6 | 1324.9 | 1258.6 | 1178.0 | 1108.4 | 1050.7 |
| 27.5°  | 1841.0 | 1791.8 | 1706.2 | 1587.8 | 1477.3 | 1368.4 | 1272.9 | 1197.8 | 1112.8 | 1037.2 | 979.1  |
| 30°    | 1807.7 | 1779.1 | 1695.7 | 1576.8 | 1456.3 | 1339.2 | 1234.1 | 1148.9 | 1064.4 | 987.8  | 928.4  |
| 32.5°  | 1756.0 | 1749.8 | 1676.5 | 1561.3 | 1433.9 | 1302.2 | 1193.3 | 1107.3 | 1013.7 | 938.4  | 881.8  |
| 35°    | 1654.5 | 1682.0 | 1635.6 | 1526.6 | 1391.7 | 1249.5 | 1131.8 | 1033.5 | 936.4  | 864.4  | 811.2  |
| 37.5°  | 1518.5 | 1586.7 | 1574.5 | 1475.7 | 1334.8 | 1192.1 | 1062.2 | 959.5  | 866.9  | 794.3  | 742.1  |
| 40°    | 1424.9 | 1511.7 | 1524.2 | 1436.8 | 1294.6 | 1147.8 | 1010.1 | 907.8  | 817.5  | 751.3  | 698.7  |
| 42.5°  | 1324.3 | 1425.7 | 1460.3 | 1390.3 | 1250.7 | 1101.1 | 963.5  | 857.6  | 768.2  | 703.8  | 657.1  |
| 45°    | 1155.8 | 1290.0 | 1352.3 | 1312.3 | 1177.5 | 1024.3 | 882.7  | 775.2  | 694.1  | 633.6  | 597.6  |
| 47.5°  | 998.2  | 1144.9 | 1228.6 | 1214.5 | 1096.0 | 944.3  | 804.3  | 701.2  | 622.2  | 573.9  | 541.7  |
| 50°    | 886.7  | 1037.5 | 1138.6 | 1143.2 | 1037.5 | 887.3  | 746.7  | 649.6  | 577.0  | 531.9  | 505.6  |
| 52.5°  | 789.8  | 933.8  | 1044.0 | 1068.2 | 972.2  | 827.9  | 695.1  | 598.4  | 534.5  | 493.0  | 469.5  |
| 55°    | 663.3  | 785.0  | 907.2  | 951.8  | 874.7  | 737.5  | 614.8  | 529.6  | 469.6  | 441.1  | 420.5  |
| 57.5°  | 551.5  | 652.9  | 765.8  | 815.0  | 767.5  | 650.1  | 534.9  | 461.1  | 412.3  | 387.4  | 371.6  |
| 60°    | 492.5  | 572.5  | 673.0  | 731.8  | 690.7  | 586.2  | 485.6  | 415.3  | 375.4  | 353.1  | 338.2  |
| 62.5°  | 437.6  | 508.5  | 593.5  | 647.3  | 624.9  | 526.3  | 436.3  | 374.2  | 339.7  | 318.8  | 308.1  |
| 65°    | 361.1  | 417.1  | 482.8  | 532.4  | 517.6  | 442.7  | 369.1  | 315.9  | 288.5  | 271.9  | 263.4  |
| 67.5°  | 297.3  | 337.8  | 383.3  | 426.9  | 414.9  | 361.9  | 302.6  | 261.3  | 240.9  | 226.6  | 221.4  |
| 70°    | 257.1  | 287.9  | 328.5  | 363.3  | 353.6  | 310.2  | 263.4  | 228.0  | 210.3  | 198.3  | 193.1  |
| 72.5°  | 218.7  | 244.1  | 275.0  | 303.5  | 297.0  | 260.9  | 221.8  | 195.0  | 181.4  | 170.4  | 166.2  |
| 75°    | 165.1  | 184.5  | 203.4  | 222.2  | 220.5  | 192.5  | 169.7  | 149.1  | 138.3  | 129.7  | 127.9  |
| 77.5°  | 121.9  | 132.8  | 145.6  | 156.8  | 153.7  | 137.7  | 119.8  | 108.0  | 100.0  | 94.3   | 93.3   |
| 80°    | 93.2   | 99.4   | 108.6  | 116.6  | 112.5  | 105.7  | 91.4   | 82.8   | 77.1   | 71.4   | 69.1   |
| 82.5°  | 67.5   | 73.8   | 79.3   | 83.6   | 80.6   | 74.1   | 65.3   | 59.5   | 56.1   | 52.2   | 51.3   |
| 85°    | 35.4   | 38.8   | 41.2   | 42.3   | 41.2   | 37.1   | 33.1   | 30.8   | 28.0   | 26.3   | 25.7   |
| 87.5°  | 17.7   | 17.3   | 16.9   | 17.3   | 15.3   | 14.7   | 12.3   | 10.3   | 10.4   | 10.6   | 10.2   |
| 90°    | 20.1   | 18.0   | 15.8   | 13.2   | 10.2   | 7.2    | 4.2    | 1.2    | 4.2    | 7.2    | 10.2   |
| 92.5°  | 26.3   | 25.1   | 24.0   | 23.7   | 23.9   | 24.2   | 24.5   | 24.7   | 24.5   | 24.2   | 23.9   |
| 95°    | 43.9   | 42.0   | 40.1   | 43.7   | 52.7   | 61.6   | 70.6   | 79.6   | 70.6   | 61.6   | 52.7   |
| 97.5°  | 55.1   | 50.7   | 46.3   | 56.7   | 82.1   | 107.4  | 132.7  | 158.0  | 132.7  | 107.4  | 82.1   |
| 100°   | 60.5   | 55.9   | 51.3   | 67.6   | 104.9  | 142.2  | 179.4  | 216.7  | 179.4  | 142.2  | 104.9  |
| 102.5° | 149.1  | 187.9  | 226.5  | 249.9  | 257.7  | 265.6  | 273.5  | 281.4  | 273.5  | 265.6  | 257.7  |
| 105°   | 223.3  | 297.6  | 371.9  | 404.9  | 396.7  | 388.6  | 380.4  | 372.3  | 380.4  | 388.6  | 396.7  |
| 107.5° | 282.8  | 371.9  | 461.0  | 502.2  | 495.6  | 489.0  | 482.4  | 475.9  | 482.4  | 489.0  | 495.6  |
| 110°   | 371.6  | 450.2  | 528.8  | 565.3  | 559.6  | 553.9  | 548.2  | 542.5  | 548.2  | 553.9  | 559.6  |





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**CANDELA DISTRIBUTION (continued):**

|        | 55°    | 60°    | 65°    | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    | 100°   | 105°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 579.4  | 598.8  | 618.2  | 625.4  | 620.4  | 615.3  | 610.2  | 605.2  | 610.2  | 615.3  | 620.4  |
| 115°   | 741.9  | 735.1  | 728.3  | 722.6  | 718.0  | 713.3  | 708.8  | 704.1  | 708.8  | 713.3  | 718.0  |
| 117.5° | 827.5  | 822.8  | 818.1  | 813.2  | 808.0  | 802.9  | 797.7  | 792.6  | 797.7  | 802.9  | 808.0  |
| 120°   | 887.8  | 882.9  | 878.0  | 873.5  | 869.4  | 865.3  | 861.3  | 857.2  | 861.3  | 865.3  | 869.4  |
| 122.5° | 944.7  | 939.4  | 934.1  | 929.3  | 925.0  | 920.7  | 916.4  | 912.1  | 916.4  | 920.7  | 925.0  |
| 125°   | 1024.4 | 1019.3 | 1014.1 | 1009.7 | 1006.2 | 1002.6 | 999.1  | 995.6  | 999.1  | 1002.6 | 1006.2 |
| 127.5° | 1098.5 | 1094.7 | 1090.8 | 1086.9 | 1083.0 | 1079.1 | 1075.1 | 1071.3 | 1075.1 | 1079.1 | 1083.0 |
| 130°   | 1146.3 | 1143.3 | 1140.3 | 1136.7 | 1132.3 | 1127.9 | 1123.6 | 1119.2 | 1123.6 | 1127.9 | 1132.3 |
| 132.5° | 1192.3 | 1189.4 | 1186.4 | 1183.0 | 1179.3 | 1175.6 | 1171.9 | 1168.2 | 1171.9 | 1175.6 | 1179.3 |
| 135°   | 1257.6 | 1255.2 | 1252.7 | 1249.3 | 1244.9 | 1240.6 | 1236.2 | 1231.9 | 1236.2 | 1240.6 | 1244.9 |
| 137.5° | 1317.0 | 1314.1 | 1311.4 | 1308.5 | 1305.4 | 1302.4 | 1299.3 | 1296.3 | 1299.3 | 1302.4 | 1305.4 |
| 140°   | 1355.7 | 1352.7 | 1349.7 | 1347.1 | 1345.0 | 1342.8 | 1340.6 | 1338.4 | 1340.6 | 1342.8 | 1345.0 |
| 142.5° | 1391.1 | 1387.7 | 1384.2 | 1381.6 | 1379.6 | 1377.6 | 1375.6 | 1373.7 | 1375.6 | 1377.6 | 1379.6 |
| 145°   | 1439.4 | 1434.8 | 1430.1 | 1428.0 | 1428.2 | 1428.5 | 1428.7 | 1429.1 | 1428.7 | 1428.5 | 1428.2 |
| 147.5° | 1484.1 | 1479.5 | 1474.9 | 1473.2 | 1474.2 | 1475.2 | 1476.3 | 1477.3 | 1476.3 | 1475.2 | 1474.2 |
| 150°   | 1511.0 | 1506.6 | 1502.3 | 1501.0 | 1503.0 | 1504.9 | 1506.8 | 1508.6 | 1506.8 | 1504.9 | 1503.0 |
| 152.5° | 1535.9 | 1531.7 | 1527.6 | 1526.6 | 1528.7 | 1530.9 | 1533.0 | 1535.1 | 1533.0 | 1530.9 | 1528.7 |
| 155°   | 1570.7 | 1567.5 | 1564.2 | 1563.7 | 1566.2 | 1568.7 | 1571.1 | 1573.6 | 1571.1 | 1568.7 | 1566.2 |
| 157.5° | 1600.1 | 1597.8 | 1595.5 | 1595.4 | 1597.5 | 1599.6 | 1601.6 | 1603.7 | 1601.6 | 1599.6 | 1597.5 |
| 160°   | 1618.1 | 1616.4 | 1614.8 | 1614.8 | 1616.4 | 1618.1 | 1619.6 | 1621.3 | 1619.6 | 1618.1 | 1616.4 |
| 162.5° | 1633.1 | 1631.8 | 1630.3 | 1630.5 | 1632.1 | 1633.7 | 1635.4 | 1636.9 | 1635.4 | 1633.7 | 1632.1 |
| 165°   | 1652.7 | 1651.9 | 1651.1 | 1651.5 | 1653.1 | 1654.8 | 1656.4 | 1658.0 | 1656.4 | 1654.8 | 1653.1 |
| 167.5° | 1668.3 | 1667.5 | 1666.7 | 1667.2 | 1668.8 | 1670.4 | 1672.1 | 1673.7 | 1672.1 | 1670.4 | 1668.8 |
| 170°   | 1676.5 | 1676.0 | 1675.4 | 1676.0 | 1677.7 | 1679.3 | 1680.9 | 1682.6 | 1680.9 | 1679.3 | 1677.7 |
| 172.5° | 1682.4 | 1681.9 | 1681.4 | 1681.9 | 1683.5 | 1685.1 | 1686.8 | 1688.4 | 1686.8 | 1685.1 | 1683.5 |
| 175°   | 1688.8 | 1688.2 | 1687.7 | 1688.4 | 1690.3 | 1692.2 | 1694.1 | 1696.0 | 1694.1 | 1692.2 | 1690.3 |
| 177.5° | 1690.9 | 1690.7 | 1690.5 | 1691.1 | 1692.6 | 1694.2 | 1695.7 | 1697.2 | 1695.7 | 1694.2 | 1692.6 |
| 180°   | 1692.3 | 1692.3 | 1692.3 | 1692.3 | 1692.3 | 1692.3 | 1692.3 | 1692.3 | 1692.3 | 1692.3 | 1692.3 |



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CATALOG NUMBER: S122DIW-S865D1440U935-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 110°   | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   | 150°   | 155°   | 160°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1486.5 | 1486.5 | 1486.5 | 1486.5 | 1486.5 | 1486.5 | 1486.5 | 1486.5 | 1486.5 | 1486.5 | 1486.5 |
| 2.5°   | 1466.9 | 1464.1 | 1454.6 | 1449.6 | 1441.3 | 1433.6 | 1428.5 | 1430.8 | 1432.6 | 1431.7 | 1430.4 |
| 5°     | 1424.9 | 1414.0 | 1397.4 | 1383.1 | 1372.9 | 1354.0 | 1346.0 | 1342.0 | 1338.6 | 1334.6 | 1330.6 |
| 7.5°   | 1374.8 | 1357.7 | 1333.9 | 1313.5 | 1294.3 | 1270.9 | 1257.6 | 1249.6 | 1241.4 | 1232.3 | 1224.3 |
| 10°    | 1339.2 | 1315.2 | 1290.0 | 1261.5 | 1238.6 | 1217.5 | 1198.6 | 1186.0 | 1174.7 | 1163.7 | 1155.8 |
| 12.5°  | 1301.7 | 1274.0 | 1242.9 | 1203.9 | 1178.7 | 1148.5 | 1145.6 | 1123.4 | 1105.6 | 1098.9 | 1089.5 |
| 15°    | 1242.1 | 1203.2 | 1163.7 | 1117.5 | 1097.5 | 1070.1 | 1052.9 | 1035.8 | 1020.4 | 1009.5 | 1006.7 |
| 17.5°  | 1174.3 | 1124.0 | 1084.8 | 1051.5 | 1018.7 | 990.7  | 974.9  | 961.2  | 948.5  | 934.0  | 932.0  |
| 20°    | 1122.7 | 1079.2 | 1036.4 | 1007.2 | 973.5  | 944.9  | 925.5  | 911.8  | 901.0  | 892.4  | 884.9  |
| 22.5°  | 1073.8 | 1026.2 | 987.0  | 955.1  | 921.9  | 898.8  | 883.5  | 870.2  | 861.2  | 851.7  | 844.7  |
| 25°    | 995.2  | 958.1  | 915.2  | 879.3  | 851.8  | 837.0  | 824.4  | 813.0  | 807.3  | 801.0  | 793.0  |
| 27.5°  | 926.5  | 885.3  | 845.2  | 817.3  | 793.2  | 780.1  | 771.2  | 763.4  | 758.0  | 754.3  | 749.8  |
| 30°    | 878.1  | 836.4  | 804.9  | 777.6  | 757.6  | 744.4  | 738.7  | 734.2  | 727.9  | 725.6  | 723.3  |
| 32.5°  | 831.5  | 793.9  | 767.1  | 743.3  | 724.2  | 715.7  | 710.4  | 706.3  | 701.4  | 699.0  | 694.5  |
| 35°    | 765.6  | 734.2  | 707.8  | 694.7  | 679.3  | 671.8  | 667.9  | 662.2  | 657.5  | 655.3  | 654.7  |
| 37.5°  | 703.5  | 676.2  | 658.9  | 642.0  | 635.5  | 630.9  | 625.5  | 621.6  | 620.2  | 619.8  | 619.3  |
| 40°    | 663.3  | 641.0  | 625.6  | 611.9  | 609.0  | 602.2  | 597.6  | 594.2  | 594.2  | 594.8  | 594.2  |
| 42.5°  | 626.7  | 606.7  | 593.1  | 581.3  | 577.9  | 573.9  | 569.3  | 569.0  | 570.0  | 571.9  | 570.0  |
| 45°    | 571.3  | 557.1  | 547.3  | 541.6  | 535.3  | 531.3  | 530.7  | 532.4  | 533.0  | 533.6  | 535.3  |
| 47.5°  | 520.4  | 510.8  | 502.0  | 495.8  | 493.0  | 492.3  | 491.6  | 494.6  | 497.4  | 498.4  | 501.0  |
| 50°    | 490.2  | 479.3  | 471.9  | 467.9  | 465.6  | 464.5  | 465.6  | 469.1  | 471.3  | 474.2  | 475.9  |
| 52.5°  | 456.3  | 448.7  | 443.6  | 440.5  | 439.5  | 440.2  | 440.5  | 444.4  | 448.1  | 449.0  | 449.9  |
| 55°    | 409.7  | 403.9  | 402.8  | 397.6  | 399.9  | 399.3  | 402.2  | 404.5  | 407.9  | 411.4  | 411.9  |
| 57.5°  | 363.0  | 358.4  | 355.3  | 355.9  | 356.5  | 359.0  | 361.4  | 365.4  | 369.1  | 372.7  | 373.1  |
| 60°    | 331.9  | 329.7  | 328.0  | 328.0  | 329.1  | 332.5  | 335.4  | 339.3  | 341.6  | 344.0  | 345.6  |
| 62.5°  | 303.6  | 301.4  | 299.6  | 300.5  | 303.5  | 305.6  | 308.8  | 311.0  | 313.3  | 315.6  | 316.4  |
| 65°    | 258.8  | 257.7  | 259.4  | 260.5  | 261.1  | 264.0  | 267.9  | 269.7  | 271.9  | 273.1  | 277.1  |
| 67.5°  | 217.6  | 217.7  | 217.6  | 219.1  | 222.5  | 223.2  | 227.0  | 230.9  | 231.4  | 233.6  | 236.2  |
| 70°    | 189.7  | 190.8  | 192.0  | 193.1  | 196.0  | 197.1  | 199.9  | 201.6  | 204.0  | 205.7  | 207.4  |
| 72.5°  | 164.1  | 164.3  | 165.5  | 165.2  | 167.6  | 170.1  | 172.5  | 174.3  | 176.5  | 178.7  | 180.4  |
| 75°    | 126.2  | 126.2  | 127.4  | 127.9  | 130.9  | 133.7  | 133.1  | 134.2  | 136.6  | 138.8  | 140.0  |
| 77.5°  | 92.2   | 90.9   | 92.2   | 92.8   | 93.7   | 96.1   | 96.5   | 98.2   | 100.7  | 100.0  | 101.3  |
| 80°    | 70.3   | 68.5   | 70.3   | 70.9   | 70.9   | 73.7   | 73.7   | 74.8   | 76.5   | 74.8   | 76.5   |
| 82.5°  | 50.2   | 49.3   | 50.6   | 50.7   | 51.7   | 51.7   | 52.7   | 52.9   | 54.6   | 53.8   | 54.6   |
| 85°    | 25.1   | 24.5   | 25.1   | 24.5   | 25.1   | 25.7   | 25.7   | 25.1   | 25.1   | 26.3   | 24.5   |
| 87.5°  | 10.4   | 10.5   | 10.4   | 10.8   | 10.8   | 10.8   | 10.7   | 10.9   | 11.2   | 10.6   | 10.8   |
| 90°    | 13.2   | 15.8   | 18.0   | 20.1   | 22.3   | 24.5   | 25.8   | 27.2   | 28.6   | 30.0   | 30.9   |
| 92.5°  | 23.7   | 24.0   | 25.1   | 26.3   | 27.3   | 28.4   | 29.1   | 29.8   | 30.6   | 31.3   | 31.8   |
| 95°    | 43.7   | 40.1   | 42.0   | 43.9   | 45.9   | 47.8   | 49.1   | 50.5   | 51.8   | 53.2   | 53.7   |
| 97.5°  | 56.7   | 46.3   | 50.7   | 55.1   | 59.5   | 63.9   | 65.0   | 66.1   | 67.2   | 68.3   | 69.0   |
| 100°   | 67.6   | 51.3   | 55.9   | 60.5   | 65.2   | 69.8   | 72.0   | 74.1   | 76.4   | 78.5   | 79.9   |
| 102.5° | 249.9  | 226.5  | 187.9  | 149.1  | 110.5  | 71.7   | 74.6   | 77.4   | 80.2   | 83.1   | 84.9   |
| 105°   | 404.9  | 371.9  | 297.6  | 223.3  | 149.0  | 74.7   | 77.7   | 80.7   | 83.7   | 86.7   | 88.7   |
| 107.5° | 502.2  | 461.0  | 371.9  | 282.8  | 193.6  | 104.6  | 101.5  | 98.5   | 95.4   | 92.4   | 91.4   |
| 110°   | 565.3  | 528.8  | 450.2  | 371.6  | 292.9  | 214.3  | 187.1  | 159.9  | 132.7  | 105.5  | 92.4   |



TEST NUMBER: P331579-935

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**CANDELA DISTRIBUTION (continued):**

|        | 110°   | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   | 150°   | 155°   | 160°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 625.4  | 618.2  | 598.8  | 579.4  | 559.9  | 540.5  | 441.3  | 342.0  | 242.7  | 143.4  | 94.2   |
| 115°   | 722.6  | 728.3  | 735.1  | 741.9  | 748.7  | 755.5  | 629.6  | 503.6  | 377.5  | 251.6  | 178.7  |
| 117.5° | 813.2  | 818.1  | 822.8  | 827.5  | 832.2  | 836.9  | 806.4  | 775.9  | 745.5  | 715.0  | 667.5  |
| 120°   | 873.5  | 878.0  | 882.9  | 887.8  | 892.7  | 897.6  | 900.9  | 904.1  | 907.4  | 910.7  | 893.9  |
| 122.5° | 929.3  | 934.1  | 939.4  | 944.7  | 950.0  | 955.4  | 957.3  | 959.3  | 961.3  | 963.2  | 960.6  |
| 125°   | 1009.7 | 1014.1 | 1019.3 | 1024.4 | 1029.6 | 1034.7 | 1036.6 | 1038.5 | 1040.4 | 1042.3 | 1043.7 |
| 127.5° | 1086.9 | 1090.8 | 1094.7 | 1098.5 | 1102.4 | 1106.3 | 1109.1 | 1111.8 | 1114.6 | 1117.3 | 1118.9 |
| 130°   | 1136.7 | 1140.3 | 1143.3 | 1146.3 | 1149.3 | 1152.3 | 1155.3 | 1158.3 | 1161.3 | 1164.2 | 1165.6 |
| 132.5° | 1183.0 | 1186.4 | 1189.4 | 1192.3 | 1195.3 | 1198.3 | 1200.9 | 1203.4 | 1206.0 | 1208.6 | 1209.7 |
| 135°   | 1249.3 | 1252.7 | 1255.2 | 1257.6 | 1260.1 | 1262.5 | 1265.2 | 1267.9 | 1270.7 | 1273.4 | 1274.5 |
| 137.5° | 1308.5 | 1311.4 | 1314.1 | 1317.0 | 1319.7 | 1322.5 | 1325.2 | 1327.8 | 1330.5 | 1333.2 | 1334.0 |
| 140°   | 1347.1 | 1349.7 | 1352.7 | 1355.7 | 1358.7 | 1361.7 | 1364.2 | 1366.6 | 1369.1 | 1371.5 | 1372.0 |
| 142.5° | 1381.6 | 1384.2 | 1387.7 | 1391.1 | 1394.5 | 1397.9 | 1400.2 | 1402.4 | 1404.6 | 1406.9 | 1407.3 |
| 145°   | 1428.0 | 1430.1 | 1434.8 | 1439.4 | 1444.0 | 1448.6 | 1450.5 | 1452.4 | 1454.3 | 1456.3 | 1456.6 |
| 147.5° | 1473.2 | 1474.9 | 1479.5 | 1484.1 | 1488.7 | 1493.2 | 1494.6 | 1496.1 | 1497.5 | 1498.9 | 1499.0 |
| 150°   | 1501.0 | 1502.3 | 1506.6 | 1511.0 | 1515.3 | 1519.7 | 1521.3 | 1522.9 | 1524.6 | 1526.2 | 1526.3 |
| 152.5° | 1526.6 | 1527.6 | 1531.7 | 1535.9 | 1540.0 | 1544.1 | 1545.8 | 1547.4 | 1549.0 | 1550.7 | 1550.6 |
| 155°   | 1563.7 | 1564.2 | 1567.5 | 1570.7 | 1574.0 | 1577.2 | 1578.8 | 1580.5 | 1582.1 | 1583.7 | 1583.5 |
| 157.5° | 1595.4 | 1595.5 | 1597.8 | 1600.1 | 1602.3 | 1604.6 | 1606.5 | 1608.3 | 1610.2 | 1612.1 | 1611.9 |
| 160°   | 1614.8 | 1614.8 | 1616.4 | 1618.1 | 1619.6 | 1621.3 | 1622.9 | 1624.5 | 1626.2 | 1627.8 | 1627.7 |
| 162.5° | 1630.5 | 1630.3 | 1631.8 | 1633.1 | 1634.6 | 1636.0 | 1637.9 | 1639.7 | 1641.6 | 1643.4 | 1643.1 |
| 165°   | 1651.5 | 1651.1 | 1651.9 | 1652.7 | 1653.6 | 1654.3 | 1656.3 | 1658.2 | 1660.1 | 1662.0 | 1662.0 |
| 167.5° | 1667.2 | 1666.7 | 1667.5 | 1668.3 | 1669.0 | 1669.8 | 1671.7 | 1673.6 | 1675.5 | 1677.4 | 1677.1 |
| 170°   | 1676.0 | 1675.4 | 1676.0 | 1676.5 | 1677.1 | 1677.7 | 1679.6 | 1681.4 | 1683.3 | 1685.2 | 1685.0 |
| 172.5° | 1681.9 | 1681.4 | 1681.9 | 1682.4 | 1683.0 | 1683.5 | 1685.4 | 1687.3 | 1689.2 | 1691.1 | 1690.8 |
| 175°   | 1688.4 | 1687.7 | 1688.2 | 1688.8 | 1689.4 | 1689.9 | 1691.8 | 1693.7 | 1695.6 | 1697.5 | 1697.1 |
| 177.5° | 1691.1 | 1690.5 | 1690.7 | 1690.9 | 1691.1 | 1691.3 | 1692.9 | 1694.4 | 1695.9 | 1697.5 | 1697.2 |
| 180°   | 1692.3 | 1692.3 | 1692.3 | 1692.3 | 1692.3 | 1692.3 | 1692.3 | 1692.3 | 1692.3 | 1692.3 | 1692.3 |



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**CANDELA DISTRIBUTION (continued):**

|        | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   | 200°   | 205°   | 210°   | 215°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1486.5 | 1486.5 | 1486.5 | 1486.5 | 1486.5 | 1486.5 | 1486.5 | 1486.5 | 1486.5 | 1486.5 | 1486.5 |
| 2.5°   | 1425.7 | 1424.9 | 1424.9 | 1420.7 | 1424.9 | 1424.9 | 1425.7 | 1430.4 | 1431.7 | 1432.6 | 1430.8 |
| 5°     | 1322.6 | 1320.9 | 1318.0 | 1320.9 | 1318.0 | 1320.9 | 1322.6 | 1330.6 | 1334.6 | 1338.6 | 1342.0 |
| 7.5°   | 1220.6 | 1213.7 | 1212.6 | 1205.9 | 1212.6 | 1213.7 | 1220.6 | 1224.3 | 1232.3 | 1241.4 | 1249.6 |
| 10°    | 1146.1 | 1141.5 | 1140.9 | 1130.1 | 1140.9 | 1141.5 | 1146.1 | 1155.8 | 1163.7 | 1174.7 | 1186.0 |
| 12.5°  | 1089.4 | 1078.4 | 1080.6 | 1074.3 | 1080.6 | 1078.4 | 1089.4 | 1089.5 | 1098.9 | 1105.6 | 1123.4 |
| 15°    | 991.3  | 991.3  | 988.9  | 979.2  | 988.9  | 991.3  | 991.3  | 1006.7 | 1009.5 | 1020.4 | 1035.8 |
| 17.5°  | 920.8  | 919.5  | 914.1  | 916.9  | 914.1  | 919.5  | 920.8  | 932.0  | 934.0  | 948.5  | 961.2  |
| 20°    | 878.7  | 875.3  | 868.4  | 868.4  | 868.4  | 875.3  | 878.7  | 884.9  | 892.4  | 901.0  | 911.8  |
| 22.5°  | 839.0  | 838.7  | 831.4  | 833.6  | 831.4  | 838.7  | 839.0  | 844.7  | 851.7  | 861.2  | 870.2  |
| 25°    | 792.4  | 787.8  | 784.5  | 786.1  | 784.5  | 787.8  | 792.4  | 793.0  | 801.0  | 807.3  | 813.0  |
| 27.5°  | 748.3  | 745.8  | 745.5  | 740.9  | 745.5  | 745.8  | 748.3  | 749.8  | 754.3  | 758.0  | 763.4  |
| 30°    | 722.7  | 717.0  | 718.2  | 715.3  | 718.2  | 717.0  | 722.7  | 723.3  | 725.6  | 727.9  | 734.2  |
| 32.5°  | 693.4  | 691.4  | 690.3  | 687.9  | 690.3  | 691.4  | 693.4  | 694.5  | 699.0  | 701.4  | 706.3  |
| 35°    | 653.6  | 654.2  | 651.3  | 652.5  | 651.3  | 654.2  | 653.6  | 654.7  | 655.3  | 657.5  | 662.2  |
| 37.5°  | 618.7  | 620.5  | 619.2  | 619.6  | 619.2  | 620.5  | 618.7  | 619.3  | 619.8  | 620.2  | 621.6  |
| 40°    | 595.9  | 595.9  | 595.9  | 597.6  | 595.9  | 595.9  | 595.9  | 594.2  | 594.8  | 594.2  | 594.2  |
| 42.5°  | 573.9  | 573.0  | 572.1  | 572.0  | 572.1  | 573.0  | 573.9  | 570.0  | 571.9  | 570.0  | 569.0  |
| 45°    | 536.5  | 538.2  | 538.7  | 535.9  | 538.7  | 538.2  | 536.5  | 535.3  | 533.6  | 533.0  | 532.4  |
| 47.5°  | 502.6  | 502.7  | 502.6  | 505.1  | 502.6  | 502.7  | 502.6  | 501.0  | 498.4  | 497.4  | 494.6  |
| 50°    | 478.8  | 477.6  | 478.8  | 477.6  | 478.8  | 477.6  | 478.8  | 475.9  | 474.2  | 471.3  | 469.1  |
| 52.5°  | 453.7  | 453.8  | 453.1  | 453.0  | 453.1  | 453.8  | 453.7  | 449.9  | 449.0  | 448.1  | 444.4  |
| 55°    | 414.2  | 415.3  | 414.7  | 414.7  | 414.7  | 415.3  | 414.2  | 411.9  | 411.4  | 407.9  | 404.5  |
| 57.5°  | 373.4  | 374.4  | 375.2  | 372.7  | 375.2  | 374.4  | 373.4  | 373.1  | 372.7  | 369.1  | 365.4  |
| 60°    | 345.1  | 347.9  | 347.3  | 346.2  | 347.3  | 347.9  | 345.1  | 345.6  | 344.0  | 341.6  | 339.3  |
| 62.5°  | 319.0  | 320.0  | 319.9  | 319.7  | 319.9  | 320.0  | 319.0  | 316.4  | 315.6  | 313.3  | 311.0  |
| 65°    | 278.8  | 279.9  | 278.2  | 279.9  | 278.2  | 279.9  | 278.8  | 277.1  | 273.1  | 271.9  | 269.7  |
| 67.5°  | 235.5  | 235.8  | 237.1  | 237.9  | 237.1  | 235.8  | 235.5  | 236.2  | 233.6  | 231.4  | 230.9  |
| 70°    | 208.5  | 207.9  | 209.7  | 211.4  | 209.7  | 207.9  | 208.5  | 207.4  | 205.7  | 204.0  | 201.6  |
| 72.5°  | 180.2  | 181.4  | 180.9  | 182.1  | 180.9  | 181.4  | 180.2  | 180.4  | 178.7  | 176.5  | 174.3  |
| 75°    | 138.8  | 140.5  | 140.0  | 141.7  | 140.0  | 140.5  | 138.8  | 140.0  | 138.8  | 136.6  | 134.2  |
| 77.5°  | 100.3  | 100.6  | 100.3  | 101.3  | 100.3  | 100.6  | 100.3  | 101.3  | 100.0  | 100.7  | 98.2   |
| 80°    | 76.5   | 75.4   | 74.3   | 76.5   | 74.3   | 75.4   | 76.5   | 76.5   | 74.8   | 76.5   | 74.8   |
| 82.5°  | 53.2   | 53.9   | 52.8   | 52.8   | 52.8   | 53.9   | 53.2   | 54.6   | 53.8   | 54.6   | 52.9   |
| 85°    | 24.5   | 24.0   | 22.8   | 22.8   | 22.8   | 24.0   | 24.5   | 24.5   | 26.3   | 25.1   | 25.1   |
| 87.5°  | 10.8   | 10.5   | 10.6   | 10.2   | 10.6   | 10.5   | 10.8   | 10.8   | 10.6   | 11.2   | 10.9   |
| 90°    | 31.4   | 31.9   | 32.5   | 33.1   | 32.5   | 31.9   | 31.4   | 30.9   | 30.0   | 28.6   | 27.2   |
| 92.5°  | 32.1   | 32.4   | 32.7   | 33.1   | 32.7   | 32.4   | 32.1   | 31.8   | 31.3   | 30.6   | 29.8   |
| 95°    | 53.5   | 53.2   | 53.0   | 52.7   | 53.0   | 53.2   | 53.5   | 53.7   | 53.2   | 51.8   | 50.5   |
| 97.5°  | 69.3   | 69.7   | 70.0   | 70.3   | 70.0   | 69.7   | 69.3   | 69.0   | 68.3   | 67.2   | 66.1   |
| 100°   | 80.4   | 80.9   | 81.5   | 82.1   | 81.5   | 80.9   | 80.4   | 79.9   | 78.5   | 76.4   | 74.1   |
| 102.5° | 85.7   | 86.4   | 87.1   | 87.9   | 87.1   | 86.4   | 85.7   | 84.9   | 83.1   | 80.2   | 77.4   |
| 105°   | 89.8   | 90.9   | 92.0   | 93.1   | 92.0   | 90.9   | 89.8   | 88.7   | 86.7   | 83.7   | 80.7   |
| 107.5° | 92.5   | 93.6   | 94.7   | 95.7   | 94.7   | 93.6   | 92.5   | 91.4   | 92.4   | 95.4   | 98.5   |
| 110°   | 93.5   | 94.5   | 95.7   | 96.8   | 95.7   | 94.5   | 93.5   | 92.4   | 105.5  | 132.7  | 159.9  |



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**CANDELA DISTRIBUTION (continued):**

|        | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   | 200°   | 205°   | 210°   | 215°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 95.1   | 96.0   | 96.9   | 97.7   | 96.9   | 96.0   | 95.1   | 94.2   | 143.4  | 242.7  | 342.0  |
| 115°   | 159.2  | 139.6  | 120.0  | 100.4  | 120.0  | 139.6  | 159.2  | 178.7  | 251.6  | 377.5  | 503.6  |
| 117.5° | 603.1  | 538.7  | 474.3  | 410.0  | 474.3  | 538.7  | 603.1  | 667.5  | 715.0  | 745.5  | 775.9  |
| 120°   | 857.2  | 820.4  | 783.7  | 747.0  | 783.7  | 820.4  | 857.2  | 893.9  | 910.7  | 907.4  | 904.1  |
| 122.5° | 953.5  | 946.4  | 939.3  | 932.1  | 939.3  | 946.4  | 953.5  | 960.6  | 963.2  | 961.3  | 959.3  |
| 125°   | 1044.6 | 1045.3 | 1046.2 | 1047.0 | 1046.2 | 1045.3 | 1044.6 | 1043.7 | 1042.3 | 1040.4 | 1038.5 |
| 127.5° | 1119.0 | 1119.1 | 1119.3 | 1119.5 | 1119.3 | 1119.1 | 1119.0 | 1118.9 | 1117.3 | 1114.6 | 1111.8 |
| 130°   | 1165.4 | 1165.1 | 1164.8 | 1164.5 | 1164.8 | 1165.1 | 1165.4 | 1165.6 | 1164.2 | 1161.3 | 1158.3 |
| 132.5° | 1209.4 | 1209.2 | 1208.9 | 1208.6 | 1208.9 | 1209.2 | 1209.4 | 1209.7 | 1208.6 | 1206.0 | 1203.4 |
| 135°   | 1273.9 | 1273.4 | 1272.8 | 1272.3 | 1272.8 | 1273.4 | 1273.9 | 1274.5 | 1273.4 | 1270.7 | 1267.9 |
| 137.5° | 1333.1 | 1332.2 | 1331.3 | 1330.3 | 1331.3 | 1332.2 | 1333.1 | 1334.0 | 1333.2 | 1330.5 | 1327.8 |
| 140°   | 1370.7 | 1369.3 | 1368.0 | 1366.6 | 1368.0 | 1369.3 | 1370.7 | 1372.0 | 1371.5 | 1369.1 | 1366.6 |
| 142.5° | 1405.9 | 1404.5 | 1403.3 | 1401.9 | 1403.3 | 1404.5 | 1405.9 | 1407.3 | 1406.9 | 1404.6 | 1402.4 |
| 145°   | 1455.2 | 1453.8 | 1452.4 | 1451.1 | 1452.4 | 1453.8 | 1455.2 | 1456.6 | 1456.3 | 1454.3 | 1452.4 |
| 147.5° | 1497.9 | 1496.8 | 1495.6 | 1494.4 | 1495.6 | 1496.8 | 1497.9 | 1499.0 | 1498.9 | 1497.5 | 1496.1 |
| 150°   | 1525.0 | 1523.6 | 1522.2 | 1520.9 | 1522.2 | 1523.6 | 1525.0 | 1526.3 | 1526.2 | 1524.6 | 1522.9 |
| 152.5° | 1548.8 | 1547.0 | 1545.2 | 1543.4 | 1545.2 | 1547.0 | 1548.8 | 1550.6 | 1550.7 | 1549.0 | 1547.4 |
| 155°   | 1581.3 | 1579.2 | 1576.9 | 1574.8 | 1576.9 | 1579.2 | 1581.3 | 1583.5 | 1583.7 | 1582.1 | 1580.5 |
| 157.5° | 1609.8 | 1607.7 | 1605.5 | 1603.4 | 1605.5 | 1607.7 | 1609.8 | 1611.9 | 1612.1 | 1610.2 | 1608.3 |
| 160°   | 1625.8 | 1623.8 | 1622.0 | 1620.1 | 1622.0 | 1623.8 | 1625.8 | 1627.7 | 1627.8 | 1626.2 | 1624.5 |
| 162.5° | 1640.8 | 1638.5 | 1636.2 | 1633.8 | 1636.2 | 1638.5 | 1640.8 | 1643.1 | 1643.4 | 1641.6 | 1639.7 |
| 165°   | 1660.1 | 1658.2 | 1656.3 | 1654.3 | 1656.3 | 1658.2 | 1660.1 | 1662.0 | 1662.0 | 1660.1 | 1658.2 |
| 167.5° | 1674.7 | 1672.2 | 1669.8 | 1667.3 | 1669.8 | 1672.2 | 1674.7 | 1677.1 | 1677.4 | 1675.5 | 1673.6 |
| 170°   | 1682.6 | 1680.1 | 1677.7 | 1675.2 | 1677.7 | 1680.1 | 1682.6 | 1685.0 | 1685.2 | 1683.3 | 1681.4 |
| 172.5° | 1688.4 | 1685.9 | 1683.5 | 1681.0 | 1683.5 | 1685.9 | 1688.4 | 1690.8 | 1691.1 | 1689.2 | 1687.3 |
| 175°   | 1694.4 | 1691.6 | 1688.9 | 1686.2 | 1688.9 | 1691.6 | 1694.4 | 1697.1 | 1697.5 | 1695.6 | 1693.7 |
| 177.5° | 1695.2 | 1693.3 | 1691.3 | 1689.4 | 1691.3 | 1693.3 | 1695.2 | 1697.2 | 1697.5 | 1695.9 | 1694.4 |
| 180°   | 1692.3 | 1692.3 | 1692.3 | 1692.3 | 1692.3 | 1692.3 | 1692.3 | 1692.3 | 1692.3 | 1692.3 | 1692.3 |



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**CANDELA DISTRIBUTION (continued):**

|        | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   | 250°   | 255°   | 260°   | 265°   | 270°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1486.5 | 1486.5 | 1486.5 | 1486.5 | 1486.5 | 1486.5 | 1486.5 | 1486.5 | 1486.5 | 1486.5 | 1486.5 |
| 2.5°   | 1428.5 | 1433.6 | 1441.3 | 1449.6 | 1454.6 | 1464.1 | 1466.9 | 1471.4 | 1475.6 | 1485.2 | 1495.2 |
| 5°     | 1346.0 | 1354.0 | 1372.9 | 1383.1 | 1397.4 | 1414.0 | 1424.9 | 1436.3 | 1448.9 | 1470.6 | 1490.6 |
| 7.5°   | 1257.6 | 1270.9 | 1294.3 | 1313.5 | 1333.9 | 1357.7 | 1374.8 | 1397.4 | 1416.2 | 1446.8 | 1476.0 |
| 10°    | 1198.6 | 1217.5 | 1238.6 | 1261.5 | 1290.0 | 1315.2 | 1339.2 | 1367.7 | 1390.6 | 1427.1 | 1461.5 |
| 12.5°  | 1145.6 | 1148.5 | 1178.7 | 1203.9 | 1242.9 | 1274.0 | 1301.7 | 1338.5 | 1360.9 | 1404.3 | 1440.4 |
| 15°    | 1052.9 | 1070.1 | 1097.5 | 1117.5 | 1163.7 | 1203.2 | 1242.1 | 1280.3 | 1306.1 | 1359.7 | 1407.1 |
| 17.5°  | 974.9  | 990.7  | 1018.7 | 1051.5 | 1084.8 | 1124.0 | 1174.3 | 1214.6 | 1249.6 | 1311.0 | 1367.0 |
| 20°    | 925.5  | 944.9  | 973.5  | 1007.2 | 1036.4 | 1079.2 | 1122.7 | 1168.9 | 1206.6 | 1275.7 | 1341.4 |
| 22.5°  | 883.5  | 898.8  | 921.9  | 955.1  | 987.0  | 1026.2 | 1073.8 | 1124.1 | 1163.6 | 1238.3 | 1304.8 |
| 25°    | 824.4  | 837.0  | 851.8  | 879.3  | 915.2  | 958.1  | 995.2  | 1050.7 | 1108.4 | 1178.0 | 1258.6 |
| 27.5°  | 771.2  | 780.1  | 793.2  | 817.3  | 845.2  | 885.3  | 926.5  | 979.1  | 1037.2 | 1112.8 | 1197.8 |
| 30°    | 738.7  | 744.4  | 757.6  | 777.6  | 804.9  | 836.4  | 878.1  | 928.4  | 987.8  | 1064.4 | 1148.9 |
| 32.5°  | 710.4  | 715.7  | 724.2  | 743.3  | 767.1  | 793.9  | 831.5  | 881.8  | 938.4  | 1013.7 | 1107.3 |
| 35°    | 667.9  | 671.8  | 679.3  | 694.7  | 707.8  | 734.2  | 765.6  | 811.2  | 864.4  | 936.4  | 1033.5 |
| 37.5°  | 625.5  | 630.9  | 635.5  | 642.0  | 658.9  | 676.2  | 703.5  | 742.1  | 794.3  | 866.9  | 959.5  |
| 40°    | 597.6  | 602.2  | 609.0  | 611.9  | 625.6  | 641.0  | 663.3  | 698.7  | 751.3  | 817.5  | 907.8  |
| 42.5°  | 569.3  | 573.9  | 577.9  | 581.3  | 593.1  | 606.7  | 626.7  | 657.1  | 703.8  | 768.2  | 857.6  |
| 45°    | 530.7  | 531.3  | 535.3  | 541.6  | 547.3  | 557.1  | 571.3  | 597.6  | 633.6  | 694.1  | 775.2  |
| 47.5°  | 491.6  | 492.3  | 493.0  | 495.8  | 502.0  | 510.8  | 520.4  | 541.7  | 573.9  | 622.2  | 701.2  |
| 50°    | 465.6  | 464.5  | 465.6  | 467.9  | 471.9  | 479.3  | 490.2  | 505.6  | 531.9  | 577.0  | 649.6  |
| 52.5°  | 440.5  | 440.2  | 439.5  | 440.5  | 443.6  | 448.7  | 456.3  | 469.5  | 493.0  | 534.5  | 598.4  |
| 55°    | 402.2  | 399.3  | 399.9  | 397.6  | 402.8  | 403.9  | 409.7  | 420.5  | 441.1  | 469.6  | 529.6  |
| 57.5°  | 361.4  | 359.0  | 356.5  | 355.9  | 355.3  | 358.4  | 363.0  | 371.6  | 387.4  | 412.3  | 461.1  |
| 60°    | 335.4  | 332.5  | 329.1  | 328.0  | 328.0  | 329.7  | 331.9  | 338.2  | 353.1  | 375.4  | 415.3  |
| 62.5°  | 308.8  | 305.6  | 303.5  | 300.5  | 299.6  | 301.4  | 303.6  | 308.1  | 318.8  | 339.7  | 374.2  |
| 65°    | 267.9  | 264.0  | 261.1  | 260.5  | 259.4  | 257.7  | 258.8  | 263.4  | 271.9  | 288.5  | 315.9  |
| 67.5°  | 227.0  | 223.2  | 222.5  | 219.1  | 217.6  | 217.7  | 217.6  | 221.4  | 226.6  | 240.9  | 261.3  |
| 70°    | 199.9  | 197.1  | 196.0  | 193.1  | 192.0  | 190.8  | 189.7  | 193.1  | 198.3  | 210.3  | 228.0  |
| 72.5°  | 172.5  | 170.1  | 167.6  | 165.2  | 165.5  | 164.3  | 164.1  | 166.2  | 170.4  | 181.4  | 195.0  |
| 75°    | 133.1  | 133.7  | 130.9  | 127.9  | 127.4  | 126.2  | 126.2  | 127.9  | 129.7  | 138.3  | 149.1  |
| 77.5°  | 96.5   | 96.1   | 93.7   | 92.8   | 92.2   | 90.9   | 92.2   | 93.3   | 94.3   | 100.0  | 108.0  |
| 80°    | 73.7   | 73.7   | 70.9   | 70.9   | 70.3   | 68.5   | 70.3   | 69.1   | 71.4   | 77.1   | 82.8   |
| 82.5°  | 52.7   | 51.7   | 51.7   | 50.7   | 50.6   | 49.3   | 50.2   | 51.3   | 52.2   | 56.1   | 59.5   |
| 85°    | 25.7   | 25.7   | 25.1   | 24.5   | 25.1   | 24.5   | 25.1   | 25.7   | 26.3   | 28.0   | 30.8   |
| 87.5°  | 10.7   | 10.8   | 10.8   | 10.8   | 10.4   | 10.5   | 10.4   | 10.2   | 10.6   | 10.4   | 10.3   |
| 90°    | 25.8   | 24.5   | 22.3   | 20.1   | 18.0   | 15.8   | 13.2   | 10.2   | 7.2    | 4.2    | 1.2    |
| 92.5°  | 29.1   | 28.4   | 27.3   | 26.3   | 25.1   | 24.0   | 23.7   | 23.9   | 24.2   | 24.5   | 24.7   |
| 95°    | 49.1   | 47.8   | 45.9   | 43.9   | 42.0   | 40.1   | 43.7   | 52.7   | 61.6   | 70.6   | 79.6   |
| 97.5°  | 65.0   | 63.9   | 59.5   | 55.1   | 50.7   | 46.3   | 56.7   | 82.1   | 107.4  | 132.7  | 158.0  |
| 100°   | 72.0   | 69.8   | 65.2   | 60.5   | 55.9   | 51.3   | 67.6   | 104.9  | 142.2  | 179.4  | 216.7  |
| 102.5° | 74.6   | 71.7   | 110.5  | 149.1  | 187.9  | 226.5  | 249.9  | 257.7  | 265.6  | 273.5  | 281.4  |
| 105°   | 77.7   | 74.7   | 149.0  | 223.3  | 297.6  | 371.9  | 404.9  | 396.7  | 388.6  | 380.4  | 372.3  |
| 107.5° | 101.5  | 104.6  | 193.6  | 282.8  | 371.9  | 461.0  | 502.2  | 495.6  | 489.0  | 482.4  | 475.9  |
| 110°   | 187.1  | 214.3  | 292.9  | 371.6  | 450.2  | 528.8  | 565.3  | 559.6  | 553.9  | 548.2  | 542.5  |



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**CANDELA DISTRIBUTION (continued):**

|        | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   | 250°   | 255°   | 260°   | 265°   | 270°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 441.3  | 540.5  | 559.9  | 579.4  | 598.8  | 618.2  | 625.4  | 620.4  | 615.3  | 610.2  | 605.2  |
| 115°   | 629.6  | 755.5  | 748.7  | 741.9  | 735.1  | 728.3  | 722.6  | 718.0  | 713.3  | 708.8  | 704.1  |
| 117.5° | 806.4  | 836.9  | 832.2  | 827.5  | 822.8  | 818.1  | 813.2  | 808.0  | 802.9  | 797.7  | 792.6  |
| 120°   | 900.9  | 897.6  | 892.7  | 887.8  | 882.9  | 878.0  | 873.5  | 869.4  | 865.3  | 861.3  | 857.2  |
| 122.5° | 957.3  | 955.4  | 950.0  | 944.7  | 939.4  | 934.1  | 929.3  | 925.0  | 920.7  | 916.4  | 912.1  |
| 125°   | 1036.6 | 1034.7 | 1029.6 | 1024.4 | 1019.3 | 1014.1 | 1009.7 | 1006.2 | 1002.6 | 999.1  | 995.6  |
| 127.5° | 1109.1 | 1106.3 | 1102.4 | 1098.5 | 1094.7 | 1090.8 | 1086.9 | 1083.0 | 1079.1 | 1075.1 | 1071.3 |
| 130°   | 1155.3 | 1152.3 | 1149.3 | 1146.3 | 1143.3 | 1140.3 | 1136.7 | 1132.3 | 1127.9 | 1123.6 | 1119.2 |
| 132.5° | 1200.9 | 1198.3 | 1195.3 | 1192.3 | 1189.4 | 1186.4 | 1183.0 | 1179.3 | 1175.6 | 1171.9 | 1168.2 |
| 135°   | 1265.2 | 1262.5 | 1260.1 | 1257.6 | 1255.2 | 1252.7 | 1249.3 | 1244.9 | 1240.6 | 1236.2 | 1231.9 |
| 137.5° | 1325.2 | 1322.5 | 1319.7 | 1317.0 | 1314.1 | 1311.4 | 1308.5 | 1305.4 | 1302.4 | 1299.3 | 1296.3 |
| 140°   | 1364.2 | 1361.7 | 1358.7 | 1355.7 | 1352.7 | 1349.7 | 1347.1 | 1345.0 | 1342.8 | 1340.6 | 1338.4 |
| 142.5° | 1400.2 | 1397.9 | 1394.5 | 1391.1 | 1387.7 | 1384.2 | 1381.6 | 1379.6 | 1377.6 | 1375.6 | 1373.7 |
| 145°   | 1450.5 | 1448.6 | 1444.0 | 1439.4 | 1434.8 | 1430.1 | 1428.0 | 1428.2 | 1428.5 | 1428.7 | 1429.1 |
| 147.5° | 1494.6 | 1493.2 | 1488.7 | 1484.1 | 1479.5 | 1474.9 | 1473.2 | 1474.2 | 1475.2 | 1476.3 | 1477.3 |
| 150°   | 1521.3 | 1519.7 | 1515.3 | 1511.0 | 1506.6 | 1502.3 | 1501.0 | 1503.0 | 1504.9 | 1506.8 | 1508.6 |
| 152.5° | 1545.8 | 1544.1 | 1540.0 | 1535.9 | 1531.7 | 1527.6 | 1526.6 | 1528.7 | 1530.9 | 1533.0 | 1535.1 |
| 155°   | 1578.8 | 1577.2 | 1574.0 | 1570.7 | 1567.5 | 1564.2 | 1563.7 | 1566.2 | 1568.7 | 1571.1 | 1573.6 |
| 157.5° | 1606.5 | 1604.6 | 1602.3 | 1600.1 | 1597.8 | 1595.5 | 1595.4 | 1597.5 | 1599.6 | 1601.6 | 1603.7 |
| 160°   | 1622.9 | 1621.3 | 1619.6 | 1618.1 | 1616.4 | 1614.8 | 1614.8 | 1616.4 | 1618.1 | 1619.6 | 1621.3 |
| 162.5° | 1637.9 | 1636.0 | 1634.6 | 1633.1 | 1631.8 | 1630.3 | 1630.5 | 1632.1 | 1633.7 | 1635.4 | 1636.9 |
| 165°   | 1656.3 | 1654.3 | 1653.6 | 1652.7 | 1651.9 | 1651.1 | 1651.5 | 1653.1 | 1654.8 | 1656.4 | 1658.0 |
| 167.5° | 1671.7 | 1669.8 | 1669.0 | 1668.3 | 1667.5 | 1666.7 | 1667.2 | 1668.8 | 1670.4 | 1672.1 | 1673.7 |
| 170°   | 1679.6 | 1677.7 | 1677.1 | 1676.5 | 1676.0 | 1675.4 | 1676.0 | 1677.7 | 1679.3 | 1680.9 | 1682.6 |
| 172.5° | 1685.4 | 1683.5 | 1683.0 | 1682.4 | 1681.9 | 1681.4 | 1681.9 | 1683.5 | 1685.1 | 1686.8 | 1688.4 |
| 175°   | 1691.8 | 1689.9 | 1689.4 | 1688.8 | 1688.2 | 1687.7 | 1688.4 | 1690.3 | 1692.2 | 1694.1 | 1696.0 |
| 177.5° | 1692.9 | 1691.3 | 1691.1 | 1690.9 | 1690.7 | 1690.5 | 1691.1 | 1692.6 | 1694.2 | 1695.7 | 1697.2 |
| 180°   | 1692.3 | 1692.3 | 1692.3 | 1692.3 | 1692.3 | 1692.3 | 1692.3 | 1692.3 | 1692.3 | 1692.3 | 1692.3 |



TEST NUMBER: P331579-935

CATALOG NUMBER: S122DIW-S865D1440U935-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 275°   | 280°   | 285°   | 290°   | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1486.5 | 1486.5 | 1486.5 | 1486.5 | 1486.5 | 1486.5 | 1486.5 | 1486.5 | 1486.5 | 1486.5 | 1486.5 |
| 2.5°   | 1494.4 | 1496.6 | 1503.9 | 1511.2 | 1519.5 | 1521.7 | 1525.4 | 1522.2 | 1521.3 | 1530.0 | 1536.4 |
| 5°     | 1498.6 | 1508.8 | 1528.9 | 1547.1 | 1562.5 | 1573.4 | 1584.8 | 1589.4 | 1597.9 | 1610.0 | 1624.8 |
| 7.5°   | 1493.7 | 1513.7 | 1545.2 | 1571.8 | 1600.9 | 1621.7 | 1638.1 | 1652.0 | 1669.0 | 1691.7 | 1716.5 |
| 10°    | 1488.2 | 1515.1 | 1553.4 | 1586.0 | 1621.3 | 1648.2 | 1670.5 | 1692.2 | 1717.4 | 1748.8 | 1781.3 |
| 12.5°  | 1478.3 | 1510.1 | 1558.0 | 1596.5 | 1641.9 | 1668.4 | 1698.4 | 1745.2 | 1772.2 | 1816.0 | 1861.8 |
| 15°    | 1458.0 | 1493.4 | 1560.2 | 1607.7 | 1659.1 | 1709.3 | 1764.8 | 1809.4 | 1853.9 | 1879.6 | 1944.2 |
| 17.5°  | 1428.0 | 1480.0 | 1553.9 | 1609.3 | 1674.6 | 1753.9 | 1816.1 | 1866.6 | 1918.0 | 1959.7 | 1992.1 |
| 20°    | 1403.7 | 1460.3 | 1544.8 | 1611.1 | 1688.8 | 1773.9 | 1845.4 | 1896.8 | 1941.3 | 1976.2 | 1996.1 |
| 22.5°  | 1373.1 | 1444.2 | 1526.6 | 1604.2 | 1703.4 | 1787.6 | 1862.7 | 1903.2 | 1940.4 | 1957.4 | 1965.1 |
| 25°    | 1324.9 | 1410.6 | 1503.7 | 1598.5 | 1710.5 | 1799.7 | 1868.2 | 1892.7 | 1903.6 | 1887.1 | 1859.6 |
| 27.5°  | 1272.9 | 1368.4 | 1477.3 | 1587.8 | 1706.2 | 1791.8 | 1841.0 | 1837.1 | 1818.7 | 1765.1 | 1722.3 |
| 30°    | 1234.1 | 1339.2 | 1456.3 | 1576.8 | 1695.7 | 1779.1 | 1807.7 | 1779.1 | 1737.3 | 1677.4 | 1616.3 |
| 32.5°  | 1193.3 | 1302.2 | 1433.9 | 1561.3 | 1676.5 | 1749.8 | 1756.0 | 1706.8 | 1642.3 | 1574.1 | 1497.9 |
| 35°    | 1131.8 | 1249.5 | 1391.7 | 1526.6 | 1635.6 | 1682.0 | 1654.5 | 1567.7 | 1491.2 | 1398.0 | 1294.0 |
| 37.5°  | 1062.2 | 1192.1 | 1334.8 | 1475.7 | 1574.5 | 1586.7 | 1518.5 | 1427.1 | 1319.1 | 1209.7 | 1087.4 |
| 40°    | 1010.1 | 1147.8 | 1294.6 | 1436.8 | 1524.2 | 1511.7 | 1424.9 | 1324.3 | 1195.8 | 1062.0 | 948.4  |
| 42.5°  | 963.5  | 1101.1 | 1250.7 | 1390.3 | 1460.3 | 1425.7 | 1324.3 | 1200.9 | 1062.7 | 936.9  | 832.8  |
| 45°    | 882.7  | 1024.3 | 1177.5 | 1312.3 | 1352.3 | 1290.0 | 1155.8 | 1018.6 | 882.7  | 777.6  | 695.3  |
| 47.5°  | 804.3  | 944.3  | 1096.0 | 1214.5 | 1228.6 | 1144.9 | 998.2  | 857.1  | 740.2  | 654.6  | 596.6  |
| 50°    | 746.7  | 887.3  | 1037.5 | 1143.2 | 1138.6 | 1037.5 | 886.7  | 752.4  | 654.7  | 585.6  | 546.7  |
| 52.5°  | 695.1  | 827.9  | 972.2  | 1068.2 | 1044.0 | 933.8  | 789.8  | 670.6  | 590.3  | 536.2  | 501.0  |
| 55°    | 614.8  | 737.5  | 874.7  | 951.8  | 907.2  | 785.0  | 663.3  | 567.3  | 507.9  | 467.4  | 439.9  |
| 57.5°  | 534.9  | 650.1  | 767.5  | 815.0  | 765.8  | 652.9  | 551.5  | 481.8  | 437.1  | 407.1  | 389.3  |
| 60°    | 485.6  | 586.2  | 690.7  | 731.8  | 673.0  | 572.5  | 492.5  | 430.2  | 394.2  | 369.6  | 353.6  |
| 62.5°  | 436.3  | 526.3  | 624.9  | 647.3  | 593.5  | 508.5  | 437.6  | 385.9  | 356.3  | 334.4  | 319.3  |
| 65°    | 369.1  | 442.7  | 517.6  | 532.4  | 482.8  | 417.1  | 361.1  | 327.4  | 301.1  | 285.1  | 273.1  |
| 67.5°  | 302.6  | 361.9  | 414.9  | 426.9  | 383.3  | 337.8  | 297.3  | 267.9  | 250.1  | 236.9  | 226.7  |
| 70°    | 263.4  | 310.2  | 353.6  | 363.3  | 328.5  | 287.9  | 257.1  | 233.7  | 217.7  | 206.2  | 196.6  |
| 72.5°  | 221.8  | 260.9  | 297.0  | 303.5  | 275.0  | 244.1  | 218.7  | 200.3  | 186.1  | 178.8  | 169.5  |
| 75°    | 169.7  | 192.5  | 220.5  | 222.2  | 203.4  | 184.5  | 165.1  | 153.1  | 145.7  | 136.6  | 132.0  |
| 77.5°  | 119.8  | 137.7  | 153.7  | 156.8  | 145.6  | 132.8  | 121.9  | 112.4  | 106.2  | 101.9  | 97.7   |
| 80°    | 91.4   | 105.7  | 112.5  | 116.6  | 108.6  | 99.4   | 93.2   | 86.9   | 82.8   | 80.0   | 77.1   |
| 82.5°  | 65.3   | 74.1   | 80.6   | 83.6   | 79.3   | 73.8   | 67.5   | 64.0   | 60.9   | 58.5   | 57.5   |
| 85°    | 33.1   | 37.1   | 41.2   | 42.3   | 41.2   | 38.8   | 35.4   | 35.4   | 33.7   | 33.1   | 33.1   |
| 87.5°  | 12.3   | 14.7   | 15.3   | 17.3   | 16.9   | 17.3   | 17.7   | 17.7   | 17.7   | 17.5   | 17.3   |
| 90°    | 4.2    | 7.2    | 10.2   | 13.2   | 15.8   | 18.0   | 20.1   | 22.3   | 24.5   | 25.8   | 27.2   |
| 92.5°  | 24.5   | 24.2   | 23.9   | 23.7   | 24.0   | 25.1   | 26.3   | 27.3   | 28.4   | 29.1   | 29.8   |
| 95°    | 70.6   | 61.6   | 52.7   | 43.7   | 40.1   | 42.0   | 43.9   | 45.9   | 47.8   | 49.1   | 50.5   |
| 97.5°  | 132.7  | 107.4  | 82.1   | 56.7   | 46.3   | 50.7   | 55.1   | 59.5   | 63.9   | 65.0   | 66.1   |
| 100°   | 179.4  | 142.2  | 104.9  | 67.6   | 51.3   | 55.9   | 60.5   | 65.2   | 69.8   | 72.0   | 74.1   |
| 102.5° | 273.5  | 265.6  | 257.7  | 249.9  | 226.5  | 187.9  | 149.1  | 110.5  | 71.7   | 74.6   | 77.4   |
| 105°   | 380.4  | 388.6  | 396.7  | 404.9  | 371.9  | 297.6  | 223.3  | 149.0  | 74.7   | 77.7   | 80.7   |
| 107.5° | 482.4  | 489.0  | 495.6  | 502.2  | 461.0  | 371.9  | 282.8  | 193.6  | 104.6  | 101.5  | 98.5   |
| 110°   | 548.2  | 553.9  | 559.6  | 565.3  | 528.8  | 450.2  | 371.6  | 292.9  | 214.3  | 187.1  | 159.9  |





TEST NUMBER: P331579-935

CATALOG NUMBER: S122DIW-S865D1440U935-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 275°   | 280°   | 285°   | 290°   | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 610.2  | 615.3  | 620.4  | 625.4  | 618.2  | 598.8  | 579.4  | 559.9  | 540.5  | 441.3  | 342.0  |
| 115°   | 708.8  | 713.3  | 718.0  | 722.6  | 728.3  | 735.1  | 741.9  | 748.7  | 755.5  | 629.6  | 503.6  |
| 117.5° | 797.7  | 802.9  | 808.0  | 813.2  | 818.1  | 822.8  | 827.5  | 832.2  | 836.9  | 806.4  | 775.9  |
| 120°   | 861.3  | 865.3  | 869.4  | 873.5  | 878.0  | 882.9  | 887.8  | 892.7  | 897.6  | 900.9  | 904.1  |
| 122.5° | 916.4  | 920.7  | 925.0  | 929.3  | 934.1  | 939.4  | 944.7  | 950.0  | 955.4  | 957.3  | 959.3  |
| 125°   | 999.1  | 1002.6 | 1006.2 | 1009.7 | 1014.1 | 1019.3 | 1024.4 | 1029.6 | 1034.7 | 1036.6 | 1038.5 |
| 127.5° | 1075.1 | 1079.1 | 1083.0 | 1086.9 | 1090.8 | 1094.7 | 1098.5 | 1102.4 | 1106.3 | 1109.1 | 1111.8 |
| 130°   | 1123.6 | 1127.9 | 1132.3 | 1136.7 | 1140.3 | 1143.3 | 1146.3 | 1149.3 | 1152.3 | 1155.3 | 1158.3 |
| 132.5° | 1171.9 | 1175.6 | 1179.3 | 1183.0 | 1186.4 | 1189.4 | 1192.3 | 1195.3 | 1198.3 | 1200.9 | 1203.4 |
| 135°   | 1236.2 | 1240.6 | 1244.9 | 1249.3 | 1252.7 | 1255.2 | 1257.6 | 1260.1 | 1262.5 | 1265.2 | 1267.9 |
| 137.5° | 1299.3 | 1302.4 | 1305.4 | 1308.5 | 1311.4 | 1314.1 | 1317.0 | 1319.7 | 1322.5 | 1325.2 | 1327.8 |
| 140°   | 1340.6 | 1342.8 | 1345.0 | 1347.1 | 1349.7 | 1352.7 | 1355.7 | 1358.7 | 1361.7 | 1364.2 | 1366.6 |
| 142.5° | 1375.6 | 1377.6 | 1379.6 | 1381.6 | 1384.2 | 1387.7 | 1391.1 | 1394.5 | 1397.9 | 1400.2 | 1402.4 |
| 145°   | 1428.7 | 1428.5 | 1428.2 | 1428.0 | 1430.1 | 1434.8 | 1439.4 | 1444.0 | 1448.6 | 1450.5 | 1452.4 |
| 147.5° | 1476.3 | 1475.2 | 1474.2 | 1473.2 | 1474.9 | 1479.5 | 1484.1 | 1488.7 | 1493.2 | 1494.6 | 1496.1 |
| 150°   | 1506.8 | 1504.9 | 1503.0 | 1501.0 | 1502.3 | 1506.6 | 1511.0 | 1515.3 | 1519.7 | 1521.3 | 1522.9 |
| 152.5° | 1533.0 | 1530.9 | 1528.7 | 1526.6 | 1527.6 | 1531.7 | 1535.9 | 1540.0 | 1544.1 | 1545.8 | 1547.4 |
| 155°   | 1571.1 | 1568.7 | 1566.2 | 1563.7 | 1564.2 | 1567.5 | 1570.7 | 1574.0 | 1577.2 | 1578.8 | 1580.5 |
| 157.5° | 1601.6 | 1599.6 | 1597.5 | 1595.4 | 1595.5 | 1597.8 | 1600.1 | 1602.3 | 1604.6 | 1606.5 | 1608.3 |
| 160°   | 1619.6 | 1618.1 | 1616.4 | 1614.8 | 1614.8 | 1616.4 | 1618.1 | 1619.6 | 1621.3 | 1622.9 | 1624.5 |
| 162.5° | 1635.4 | 1633.7 | 1632.1 | 1630.5 | 1630.3 | 1631.8 | 1633.1 | 1634.6 | 1636.0 | 1637.9 | 1639.7 |
| 165°   | 1656.4 | 1654.8 | 1653.1 | 1651.5 | 1651.1 | 1651.9 | 1652.7 | 1653.6 | 1654.3 | 1656.3 | 1658.2 |
| 167.5° | 1672.1 | 1670.4 | 1668.8 | 1667.2 | 1666.7 | 1667.5 | 1668.3 | 1669.0 | 1669.8 | 1671.7 | 1673.6 |
| 170°   | 1680.9 | 1679.3 | 1677.7 | 1676.0 | 1675.4 | 1676.0 | 1676.5 | 1677.1 | 1677.7 | 1679.6 | 1681.4 |
| 172.5° | 1686.8 | 1685.1 | 1683.5 | 1681.9 | 1681.4 | 1681.9 | 1682.4 | 1683.0 | 1683.5 | 1685.4 | 1687.3 |
| 175°   | 1694.1 | 1692.2 | 1690.3 | 1688.4 | 1687.7 | 1688.2 | 1688.8 | 1689.4 | 1689.9 | 1691.8 | 1693.7 |
| 177.5° | 1695.7 | 1694.2 | 1692.6 | 1691.1 | 1690.5 | 1690.7 | 1690.9 | 1691.1 | 1691.3 | 1692.9 | 1694.4 |
| 180°   | 1692.3 | 1692.3 | 1692.3 | 1692.3 | 1692.3 | 1692.3 | 1692.3 | 1692.3 | 1692.3 | 1692.3 | 1692.3 |



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**CANDELA DISTRIBUTION (continued):**

|        | 330°   | 335°   | 340°   | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1486.5 | 1486.5 | 1486.5 | 1486.5 | 1486.5 | 1486.5 | 1486.5 |
| 2.5°   | 1541.9 | 1548.3 | 1548.3 | 1549.2 | 1556.5 | 1555.6 | 1555.1 |
| 5°     | 1640.8 | 1650.5 | 1651.7 | 1662.0 | 1668.8 | 1666.6 | 1660.3 |
| 7.5°   | 1734.1 | 1752.2 | 1765.9 | 1773.6 | 1782.6 | 1788.2 | 1785.7 |
| 10°    | 1808.2 | 1834.4 | 1850.5 | 1861.3 | 1874.5 | 1884.2 | 1880.8 |
| 12.5°  | 1875.4 | 1906.7 | 1928.6 | 1947.2 | 1949.0 | 1961.4 | 1953.0 |
| 15°    | 1980.2 | 2013.3 | 2016.7 | 2030.4 | 2041.3 | 2040.1 | 2040.7 |
| 17.5°  | 2014.8 | 2025.4 | 2027.6 | 2027.9 | 2028.1 | 2024.0 | 2015.3 |
| 20°    | 2002.4 | 1998.5 | 1988.7 | 1981.3 | 1968.2 | 1966.4 | 1955.1 |
| 22.5°  | 1944.0 | 1931.3 | 1906.9 | 1890.8 | 1870.4 | 1865.0 | 1861.8 |
| 25°    | 1828.8 | 1800.8 | 1762.0 | 1724.8 | 1714.5 | 1694.5 | 1700.2 |
| 27.5°  | 1670.8 | 1627.1 | 1585.0 | 1554.9 | 1527.6 | 1497.6 | 1506.2 |
| 30°    | 1559.7 | 1510.5 | 1451.1 | 1405.4 | 1376.3 | 1347.7 | 1342.6 |
| 32.5°  | 1427.1 | 1355.1 | 1288.9 | 1248.6 | 1204.0 | 1185.9 | 1166.1 |
| 35°    | 1198.6 | 1128.3 | 1062.6 | 1006.1 | 973.5  | 948.4  | 925.5  |
| 37.5°  | 993.1  | 912.1  | 859.1  | 813.3  | 789.8  | 775.4  | 779.0  |
| 40°    | 865.6  | 794.7  | 755.9  | 721.0  | 699.3  | 689.0  | 691.3  |
| 42.5°  | 762.2  | 709.2  | 677.3  | 653.3  | 638.0  | 632.3  | 630.9  |
| 45°    | 645.0  | 615.3  | 589.0  | 575.3  | 567.9  | 561.6  | 557.6  |
| 47.5°  | 565.0  | 540.8  | 526.0  | 517.8  | 511.3  | 504.9  | 504.8  |
| 50°    | 517.0  | 501.0  | 490.8  | 482.2  | 477.1  | 472.5  | 476.5  |
| 52.5°  | 480.4  | 465.9  | 455.6  | 447.9  | 446.0  | 441.9  | 441.8  |
| 55°    | 426.2  | 414.7  | 407.3  | 400.5  | 397.1  | 394.8  | 391.9  |
| 57.5°  | 376.9  | 366.0  | 359.1  | 354.8  | 348.3  | 345.9  | 345.1  |
| 60°    | 341.6  | 333.0  | 326.2  | 320.5  | 317.6  | 313.1  | 313.1  |
| 62.5°  | 309.2  | 300.7  | 294.2  | 289.9  | 285.2  | 283.4  | 283.9  |
| 65°    | 262.3  | 255.4  | 249.1  | 244.5  | 243.4  | 240.0  | 241.1  |
| 67.5°  | 219.0  | 214.5  | 207.8  | 205.3  | 203.2  | 201.3  | 199.9  |
| 70°    | 190.3  | 185.7  | 182.3  | 178.8  | 177.1  | 177.1  | 177.1  |
| 72.5°  | 166.0  | 160.6  | 158.5  | 154.1  | 155.2  | 153.3  | 151.5  |
| 75°    | 128.5  | 125.1  | 123.4  | 121.7  | 118.8  | 118.8  | 118.8  |
| 77.5°  | 94.6   | 93.6   | 91.5   | 89.7   | 89.0   | 88.4   | 88.7   |
| 80°    | 73.1   | 72.6   | 71.4   | 71.4   | 70.3   | 69.7   | 68.5   |
| 82.5°  | 56.2   | 54.8   | 54.1   | 53.6   | 53.4   | 53.2   | 53.0   |
| 85°    | 32.0   | 30.8   | 30.8   | 31.4   | 30.3   | 30.3   | 30.8   |
| 87.5°  | 18.1   | 18.3   | 18.1   | 18.2   | 18.8   | 18.4   | 18.5   |
| 90°    | 28.6   | 30.0   | 30.9   | 31.4   | 31.9   | 32.5   | 33.1   |
| 92.5°  | 30.6   | 31.3   | 31.8   | 32.1   | 32.4   | 32.7   | 33.1   |
| 95°    | 51.8   | 53.2   | 53.7   | 53.5   | 53.2   | 53.0   | 52.7   |
| 97.5°  | 67.2   | 68.3   | 69.0   | 69.3   | 69.7   | 70.0   | 70.3   |
| 100°   | 76.4   | 78.5   | 79.9   | 80.4   | 80.9   | 81.5   | 82.1   |
| 102.5° | 80.2   | 83.1   | 84.9   | 85.7   | 86.4   | 87.1   | 87.9   |
| 105°   | 83.7   | 86.7   | 88.7   | 89.8   | 90.9   | 92.0   | 93.1   |
| 107.5° | 95.4   | 92.4   | 91.4   | 92.5   | 93.6   | 94.7   | 95.7   |
| 110°   | 132.7  | 105.5  | 92.4   | 93.5   | 94.5   | 95.7   | 96.8   |



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**CANDELA DISTRIBUTION (continued):**

|        | 330°   | 335°   | 340°   | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 242.7  | 143.4  | 94.2   | 95.1   | 96.0   | 96.9   | 97.7   |
| 115°   | 377.5  | 251.6  | 178.7  | 159.2  | 139.6  | 120.0  | 100.4  |
| 117.5° | 745.5  | 715.0  | 667.5  | 603.1  | 538.7  | 474.3  | 410.0  |
| 120°   | 907.4  | 910.7  | 893.9  | 857.2  | 820.4  | 783.7  | 747.0  |
| 122.5° | 961.3  | 963.2  | 960.6  | 953.5  | 946.4  | 939.3  | 932.1  |
| 125°   | 1040.4 | 1042.3 | 1043.7 | 1044.6 | 1045.3 | 1046.2 | 1047.0 |
| 127.5° | 1114.6 | 1117.3 | 1118.9 | 1119.0 | 1119.1 | 1119.3 | 1119.5 |
| 130°   | 1161.3 | 1164.2 | 1165.6 | 1165.4 | 1165.1 | 1164.8 | 1164.5 |
| 132.5° | 1206.0 | 1208.6 | 1209.7 | 1209.4 | 1209.2 | 1208.9 | 1208.6 |
| 135°   | 1270.7 | 1273.4 | 1274.5 | 1273.9 | 1273.4 | 1272.8 | 1272.3 |
| 137.5° | 1330.5 | 1333.2 | 1334.0 | 1333.1 | 1332.2 | 1331.3 | 1330.3 |
| 140°   | 1369.1 | 1371.5 | 1372.0 | 1370.7 | 1369.3 | 1368.0 | 1366.6 |
| 142.5° | 1404.6 | 1406.9 | 1407.3 | 1405.9 | 1404.5 | 1403.3 | 1401.9 |
| 145°   | 1454.3 | 1456.3 | 1456.6 | 1455.2 | 1453.8 | 1452.4 | 1451.1 |
| 147.5° | 1497.5 | 1498.9 | 1499.0 | 1497.9 | 1496.8 | 1495.6 | 1494.4 |
| 150°   | 1524.6 | 1526.2 | 1526.3 | 1525.0 | 1523.6 | 1522.2 | 1520.9 |
| 152.5° | 1549.0 | 1550.7 | 1550.6 | 1548.8 | 1547.0 | 1545.2 | 1543.4 |
| 155°   | 1582.1 | 1583.7 | 1583.5 | 1581.3 | 1579.2 | 1576.9 | 1574.8 |
| 157.5° | 1610.2 | 1612.1 | 1611.9 | 1609.8 | 1607.7 | 1605.5 | 1603.4 |
| 160°   | 1626.2 | 1627.8 | 1627.7 | 1625.8 | 1623.8 | 1622.0 | 1620.1 |
| 162.5° | 1641.6 | 1643.4 | 1643.1 | 1640.8 | 1638.5 | 1636.2 | 1633.8 |
| 165°   | 1660.1 | 1662.0 | 1662.0 | 1660.1 | 1658.2 | 1656.3 | 1654.3 |
| 167.5° | 1675.5 | 1677.4 | 1677.1 | 1674.7 | 1672.2 | 1669.8 | 1667.3 |
| 170°   | 1683.3 | 1685.2 | 1685.0 | 1682.6 | 1680.1 | 1677.7 | 1675.2 |
| 172.5° | 1689.2 | 1691.1 | 1690.8 | 1688.4 | 1685.9 | 1683.5 | 1681.0 |
| 175°   | 1695.6 | 1697.5 | 1697.1 | 1694.4 | 1691.6 | 1688.9 | 1686.2 |
| 177.5° | 1695.9 | 1697.5 | 1697.2 | 1695.2 | 1693.3 | 1691.3 | 1689.4 |
| 180°   | 1692.3 | 1692.3 | 1692.3 | 1692.3 | 1692.3 | 1692.3 | 1692.3 |

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