

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: NEO-RAY

Report Number: P1033042

Luminaire Tested: S124RDIW-B795D1050UB2750-4F0-XX-W2A-A\_3500K

Issue Date: 5/7/2025

**Test Information**

Test Method: LM-79-2019  
Report Number: P1033042  
REPORT IS A COMBINATION OF REPORTS P1000709 AND P1007351  
Test Lab: INNOVATION CENTER  
Issue Date: 5/7/2025  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: NEO-RAY  
Catalog Number: S124RDIW-B795D1050UB2750-4F0-XX-W2A-A\_3500K  
Description: Define 4 Regressed Direct/Indirect Wall Mount with 3500K BioUP LEDs {m-DER=0.721}  
{m-EER=0.792}  
Light Source: -  
Ballast/Driver: -

**Summary**

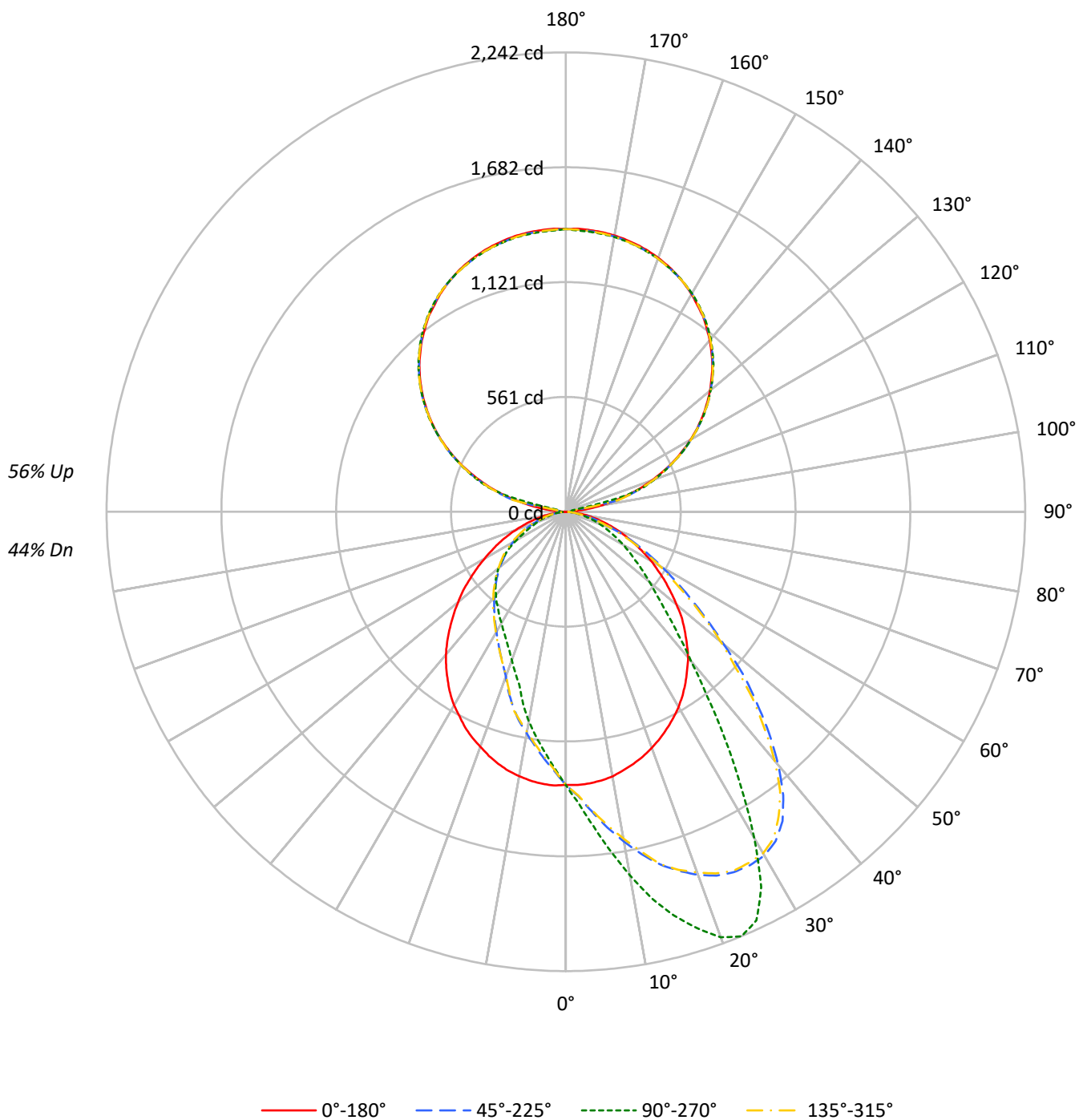
Lumens per Lamp: N/A  
Luminaire Lumens: 7641.0 lumens  
Efficiency: N/A  
Efficacy: 113.4 lumens/watt  
Spacing Criteria (0/90/45): 1.22 / 1.27 / 1.38  
Luminous Opening: Rectangular w/ Sides (W: 0.33' x L: 4' x H: 0.1')  
CIE Type: General Diffuse

Input Watts (W): 67.4  
Input Voltage (V):  
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: P1033042

CATALOG NUMBER: S124RDIW-B795D1050UB2750-4F0-XX-W2A-A\_3500K

### Luminous Intensity Polar Plot



TEST NUMBER: P1033042

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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   | 106 | 106 | 106 | 106 | 97 | 97 | 97 | 97 | 80 | 80 | 80 | 65 | 65 | 65 | 51 | 51 | 51 |
| 1   | 97  | 93  | 89  | 86  | 89 | 85 | 82 | 79 | 71 | 69 | 67 | 58 | 56 | 55 | 45 | 45 | 44 |
| 2   | 89  | 81  | 76  | 71  | 81 | 75 | 70 | 66 | 62 | 59 | 56 | 51 | 49 | 46 | 40 | 39 | 37 |
| 3   | 81  | 72  | 65  | 59  | 74 | 66 | 60 | 55 | 55 | 51 | 47 | 45 | 42 | 40 | 36 | 34 | 32 |
| 4   | 74  | 64  | 56  | 50  | 68 | 59 | 52 | 47 | 49 | 44 | 41 | 41 | 37 | 34 | 33 | 30 | 28 |
| 5   | 68  | 57  | 49  | 43  | 62 | 53 | 46 | 41 | 44 | 39 | 35 | 37 | 33 | 30 | 30 | 27 | 25 |
| 6   | 63  | 51  | 43  | 38  | 57 | 47 | 40 | 35 | 40 | 35 | 31 | 33 | 29 | 26 | 27 | 24 | 22 |
| 7   | 58  | 46  | 39  | 33  | 53 | 43 | 36 | 31 | 36 | 31 | 27 | 30 | 26 | 23 | 25 | 22 | 19 |
| 8   | 54  | 42  | 34  | 29  | 49 | 39 | 32 | 28 | 33 | 28 | 24 | 28 | 24 | 21 | 23 | 20 | 18 |
| 9   | 50  | 38  | 31  | 26  | 46 | 36 | 29 | 25 | 30 | 25 | 22 | 26 | 22 | 19 | 21 | 18 | 16 |
| 10  | 47  | 35  | 28  | 23  | 43 | 33 | 26 | 22 | 28 | 23 | 20 | 24 | 20 | 17 | 19 | 17 | 14 |

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

|     | 0°    | 90°   | 180°  | 270°  |
|-----|-------|-------|-------|-------|
| 0°  | 10867 | 10867 | 10867 | 10867 |
| 5°  | 10868 | 12280 | 10885 | 9386  |
| 10° | 10810 | 14156 | 10801 | 8163  |
| 15° | 10681 | 15932 | 10681 | 6834  |
| 20° | 10547 | 17274 | 10491 | 6018  |
| 25° | 10383 | 17348 | 10335 | 5436  |
| 30° | 10207 | 14751 | 10128 | 5034  |
| 35° | 9961  | 11130 | 9834  | 4736  |
| 40° | 9685  | 8066  | 9495  | 4502  |
| 45° | 9231  | 6131  | 9002  | 4296  |
| 50° | 8692  | 4955  | 8453  | 3994  |
| 55° | 8108  | 4103  | 7842  | 3591  |
| 60° | 7521  | 3469  | 7185  | 2986  |
| 65° | 6785  | 2826  | 6569  | 2374  |
| 70° | 6108  | 2291  | 5823  | 1928  |
| 75° | 5354  | 1652  | 4983  | 1413  |
| 80° | 4417  | 1095  | 4018  | 1038  |
| 85° | 3202  | 562   | 2656  | 562   |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 35°

Vertical Angle: 45°

Luminance: 13605 cd/sqm

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 129.0  | 1.7       |
| 10°-20°   | 389.7  | 5.1       |
| 20°-30°   | 610.5  | 8.0       |
| 30°-40°   | 677.9  | 8.9       |
| 40°-50°   | 600.7  | 7.9       |
| 50°-60°   | 468.1  | 6.1       |
| 60°-70°   | 306.2  | 4.0       |
| 70°-80°   | 150.3  | 2.0       |
| 80°-90°   | 39.4   | 0.5       |
| 90°-100°  | 45.8   | 0.6       |
| 100°-110° | 301.6  | 3.9       |
| 110°-120° | 575.9  | 7.5       |
| 120°-130° | 731.1  | 9.6       |
| 130°-140° | 782.1  | 10.2      |
| 140°-150° | 731.3  | 9.6       |
| 150°-160° | 589.8  | 7.7       |
| 160°-170° | 380.4  | 5.0       |
| 170°-180° | 131.1  | 1.7       |
| 0°-30°    | 1129.2 | 14.8      |
| 0°-40°    | 1807.1 | 23.7      |
| 0°-60°    | 2875.9 | 37.6      |
| 0°-90°    | 3371.8 | 44.1      |
| 90°-120°  | 923.3  | 12.1      |
| 90°-150°  | 3167.9 | 41.5      |
| 90°-180°  | 4269.0 | 55.9      |
| 0°-180°   | 7641.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°   | 90°  | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0°   | 1333 | 1333 | 1333 | 1333 | 1333 |      |
| 5°   | 1331 | 1540 | 1333 | 1177 | 1331 | 126  |
| 15°  | 1274 | 2040 | 1274 | 875  | 1274 | 359  |
| 25°  | 1167 | 2200 | 1162 | 690  | 1167 | 538  |
| 35°  | 1018 | 1355 | 1005 | 577  | 1018 | 636  |
| 45°  | 820  | 693  | 800  | 485  | 820  | 633  |
| 55°  | 591  | 414  | 571  | 362  | 591  | 528  |
| 65°  | 370  | 242  | 359  | 203  | 370  | 370  |
| 75°  | 186  | 112  | 173  | 96   | 186  | 197  |
| 85°  | 44   | 27   | 36   | 27   | 44   | 50   |
| 90°  | 3    | 31   | 3    | 31   | 3    | 6    |
| 95°  | 57   | 30   | 57   | 30   | 57   | 70   |
| 105° | 311  | 294  | 311  | 294  | 311  | 325  |
| 115° | 580  | 584  | 580  | 584  | 580  | 571  |
| 125° | 815  | 821  | 815  | 821  | 815  | 728  |
| 135° | 1011 | 1018 | 1011 | 1018 | 1011 | 779  |
| 145° | 1166 | 1172 | 1166 | 1172 | 1166 | 729  |
| 155° | 1278 | 1278 | 1278 | 1278 | 1278 | 590  |
| 165° | 1349 | 1342 | 1349 | 1342 | 1349 | 381  |
| 175° | 1380 | 1371 | 1380 | 1371 | 1380 | 131  |
| 180° | 1380 | 1380 | 1380 | 1380 | 1380 |      |

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**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 22.5°  | 25°    | 30°    | 35°    | 40°    | 45°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1332.7 | 1332.7 | 1332.7 | 1332.7 | 1332.7 | 1332.7 | 1332.7 | 1332.7 | 1332.7 | 1332.7 | 1332.7 |
| 2.5°   | 1334.9 | 1346.7 | 1353.1 | 1358.5 | 1369.2 | 1373.5 | 1382.1 | 1384.3 | 1392.9 | 1391.8 | 1388.6 |
| 5°     | 1330.6 | 1351.0 | 1366.0 | 1382.1 | 1401.5 | 1412.2 | 1424.0 | 1441.2 | 1449.8 | 1461.6 | 1469.1 |
| 7.5°   | 1323.1 | 1351.0 | 1375.7 | 1400.4 | 1431.5 | 1448.7 | 1463.8 | 1490.6 | 1513.2 | 1532.5 | 1554.0 |
| 10°    | 1311.3 | 1346.7 | 1383.2 | 1416.5 | 1459.5 | 1479.9 | 1502.4 | 1542.2 | 1573.3 | 1600.1 | 1634.5 |
| 12.5°  | 1293.0 | 1342.4 | 1383.2 | 1428.3 | 1483.1 | 1511.0 | 1541.1 | 1588.3 | 1624.8 | 1668.9 | 1711.8 |
| 15°    | 1273.7 | 1328.4 | 1382.1 | 1441.2 | 1503.5 | 1535.7 | 1565.8 | 1629.1 | 1685.0 | 1735.5 | 1782.7 |
| 17.5°  | 1252.2 | 1312.3 | 1371.4 | 1436.9 | 1512.1 | 1551.8 | 1587.3 | 1663.5 | 1724.7 | 1790.2 | 1837.5 |
| 20°    | 1226.4 | 1291.9 | 1359.6 | 1432.6 | 1517.5 | 1561.5 | 1601.2 | 1688.2 | 1755.9 | 1826.7 | 1885.8 |
| 22.5°  | 1198.5 | 1269.4 | 1343.5 | 1422.9 | 1511.0 | 1559.3 | 1605.5 | 1698.9 | 1777.3 | 1842.8 | 1922.3 |
| 25°    | 1167.4 | 1242.5 | 1318.8 | 1402.5 | 1501.3 | 1554.0 | 1601.2 | 1693.6 | 1777.3 | 1863.3 | 1940.6 |
| 27.5°  | 1135.1 | 1212.5 | 1291.9 | 1380.0 | 1480.9 | 1532.5 | 1586.2 | 1675.3 | 1773.0 | 1866.5 | 1944.9 |
| 30°    | 1099.7 | 1174.9 | 1258.6 | 1342.4 | 1449.8 | 1501.3 | 1556.1 | 1652.8 | 1759.1 | 1852.5 | 1937.4 |
| 32.5°  | 1061.0 | 1138.4 | 1217.8 | 1304.8 | 1410.1 | 1465.9 | 1516.4 | 1625.9 | 1734.4 | 1826.7 | 1906.2 |
| 35°    | 1018.1 | 1091.1 | 1166.3 | 1255.4 | 1359.6 | 1410.1 | 1470.2 | 1584.0 | 1693.6 | 1791.3 | 1842.8 |
| 37.5°  | 971.9  | 1041.7 | 1111.5 | 1199.6 | 1299.4 | 1360.7 | 1419.7 | 1534.6 | 1650.6 | 1716.1 | 1743.0 |
| 40°    | 928.9  | 990.2  | 1051.4 | 1136.2 | 1237.2 | 1300.5 | 1360.7 | 1479.9 | 1581.9 | 1632.4 | 1612.0 |
| 42.5°  | 874.2  | 937.5  | 992.3  | 1070.7 | 1172.7 | 1231.8 | 1293.0 | 1416.5 | 1499.2 | 1519.6 | 1469.1 |
| 45°    | 820.5  | 873.1  | 925.7  | 1002.0 | 1109.4 | 1159.8 | 1225.3 | 1340.3 | 1409.0 | 1390.7 | 1316.6 |
| 47.5°  | 767.9  | 810.8  | 860.2  | 934.3  | 1031.0 | 1091.1 | 1152.3 | 1252.2 | 1300.5 | 1274.7 | 1171.6 |
| 50°    | 705.6  | 748.5  | 800.1  | 864.5  | 957.9  | 1015.9 | 1064.3 | 1156.6 | 1193.1 | 1129.8 | 1005.2 |
| 52.5°  | 646.5  | 684.1  | 728.1  | 788.3  | 877.4  | 930.0  | 982.6  | 1062.1 | 1073.9 | 1000.9 | 869.9  |
| 55°    | 590.7  | 620.7  | 666.9  | 715.2  | 796.8  | 852.7  | 889.2  | 956.9  | 953.6  | 862.4  | 749.6  |
| 57.5°  | 532.7  | 560.6  | 591.7  | 642.2  | 719.5  | 761.4  | 801.1  | 860.2  | 829.1  | 751.7  | 640.1  |
| 60°    | 481.1  | 497.2  | 528.4  | 576.7  | 642.2  | 678.7  | 709.9  | 742.1  | 715.2  | 631.5  | 545.6  |
| 62.5°  | 424.2  | 442.5  | 465.0  | 503.7  | 561.7  | 596.0  | 618.6  | 632.5  | 604.6  | 540.2  | 461.8  |
| 65°    | 370.5  | 386.6  | 410.2  | 444.6  | 488.6  | 514.4  | 526.2  | 535.9  | 520.9  | 447.8  | 385.5  |
| 67.5°  | 322.2  | 332.9  | 354.4  | 376.9  | 424.2  | 430.6  | 446.8  | 451.0  | 421.0  | 365.1  | 315.7  |
| 70°    | 273.8  | 284.6  | 294.3  | 321.1  | 342.6  | 354.4  | 357.6  | 357.6  | 327.5  | 291.0  | 250.2  |
| 72.5°  | 228.7  | 235.2  | 244.9  | 263.1  | 274.9  | 283.5  | 287.8  | 282.4  | 254.5  | 224.4  | 194.4  |
| 75°    | 185.8  | 189.0  | 197.6  | 209.4  | 219.1  | 215.9  | 214.8  | 208.3  | 187.9  | 166.5  | 149.3  |
| 77.5°  | 142.8  | 145.0  | 154.6  | 157.9  | 157.9  | 161.1  | 156.8  | 150.3  | 133.2  | 117.1  | 109.5  |
| 80°    | 107.4  | 110.6  | 111.7  | 113.8  | 111.7  | 111.7  | 108.5  | 97.7   | 89.1   | 81.6   | 76.2   |
| 82.5°  | 74.1   | 76.2   | 77.3   | 74.1   | 76.2   | 73.0   | 67.7   | 60.1   | 54.8   | 53.7   | 51.5   |
| 85°    | 44.0   | 45.1   | 44.0   | 44.0   | 40.8   | 39.7   | 35.4   | 34.4   | 32.2   | 32.2   | 31.1   |
| 87.5°  | 21.5   | 20.4   | 18.3   | 16.1   | 16.1   | 15.0   | 16.1   | 14.0   | 16.1   | 15.0   | 14.0   |
| 90°    | 3.1    | 5.6    | 8.1    | 10.6   | 13.1   | 14.4   | 15.3   | 17.2   | 19.0   | 20.9   | 22.7   |
| 92.5°  | 15.5   | 15.0   | 14.6   | 14.1   | 13.6   | 13.4   | 14.3   | 16.2   | 18.0   | 19.9   | 21.7   |
| 95°    | 56.8   | 49.0   | 41.2   | 33.4   | 25.6   | 21.7   | 21.8   | 22.0   | 22.3   | 22.5   | 22.7   |
| 97.5°  | 108.4  | 113.4  | 118.5  | 123.5  | 128.6  | 131.1  | 119.1  | 95.0   | 70.9   | 46.8   | 22.7   |
| 100°   | 169.2  | 173.3  | 177.5  | 181.6  | 185.7  | 187.8  | 172.0  | 140.3  | 108.7  | 77.0   | 45.4   |
| 102.5° | 237.3  | 240.1  | 242.8  | 245.6  | 248.3  | 249.7  | 251.1  | 253.8  | 256.6  | 259.3  | 262.1  |
| 105°   | 310.6  | 312.0  | 313.4  | 314.7  | 316.1  | 316.8  | 317.4  | 318.5  | 319.7  | 320.8  | 322.0  |
| 107.5° | 377.7  | 378.4  | 379.1  | 379.8  | 380.5  | 380.8  | 381.6  | 383.2  | 384.8  | 386.4  | 388.0  |
| 110°   | 445.8  | 446.5  | 447.2  | 447.9  | 448.6  | 448.9  | 449.6  | 451.0  | 452.3  | 453.7  | 455.1  |



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**CANDELA DISTRIBUTION (continued):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 22.5°  | 25°    | 30°    | 35°    | 40°    | 45°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 511.8  | 513.2  | 514.6  | 515.9  | 517.3  | 518.0  | 518.2  | 518.7  | 519.2  | 519.6  | 520.1  |
| 115°   | 579.9  | 580.6  | 581.3  | 582.0  | 582.7  | 583.0  | 582.9  | 582.7  | 582.4  | 582.2  | 582.0  |
| 117.5° | 640.8  | 641.7  | 642.6  | 643.5  | 644.4  | 644.9  | 645.2  | 645.9  | 646.6  | 647.3  | 648.0  |
| 120°   | 702.7  | 703.6  | 704.6  | 705.5  | 706.4  | 706.9  | 706.8  | 706.5  | 706.3  | 706.0  | 705.8  |
| 122.5° | 760.5  | 761.0  | 761.4  | 761.9  | 762.4  | 762.6  | 762.8  | 763.3  | 763.7  | 764.2  | 764.6  |
| 125°   | 815.2  | 816.1  | 817.0  | 817.9  | 818.8  | 819.3  | 819.1  | 818.6  | 818.2  | 817.7  | 817.3  |
| 127.5° | 867.8  | 868.0  | 868.3  | 868.5  | 868.8  | 868.9  | 869.5  | 870.6  | 871.7  | 872.9  | 874.0  |
| 130°   | 918.4  | 918.6  | 918.8  | 919.1  | 919.3  | 919.4  | 919.7  | 920.4  | 921.1  | 921.8  | 922.5  |
| 132.5° | 964.8  | 965.3  | 965.7  | 966.2  | 966.7  | 966.9  | 967.4  | 968.3  | 969.2  | 970.1  | 971.0  |
| 135°   | 1011.3 | 1011.1 | 1010.8 | 1010.6 | 1010.3 | 1010.2 | 1010.7 | 1011.6 | 1012.5 | 1013.5 | 1014.4 |
| 137.5° | 1052.5 | 1052.5 | 1052.5 | 1052.5 | 1052.5 | 1052.5 | 1053.1 | 1054.2 | 1055.4 | 1056.5 | 1057.7 |
| 140°   | 1092.8 | 1093.3 | 1093.7 | 1094.2 | 1094.7 | 1094.9 | 1095.1 | 1095.6 | 1096.0 | 1096.5 | 1096.9 |
| 142.5° | 1128.9 | 1129.8 | 1130.7 | 1131.6 | 1132.5 | 1133.0 | 1133.1 | 1133.4 | 1133.6 | 1133.9 | 1134.1 |
| 145°   | 1166.1 | 1166.8 | 1167.4 | 1168.1 | 1168.8 | 1169.1 | 1169.1 | 1169.1 | 1169.1 | 1169.1 | 1169.1 |
| 147.5° | 1194.9 | 1196.3 | 1197.7 | 1199.0 | 1200.4 | 1201.1 | 1201.0 | 1200.8 | 1200.5 | 1200.3 | 1200.1 |
| 150°   | 1226.9 | 1227.8 | 1228.8 | 1229.7 | 1230.6 | 1231.1 | 1231.0 | 1230.7 | 1230.5 | 1230.2 | 1230.0 |
| 152.5° | 1253.8 | 1254.5 | 1255.2 | 1255.9 | 1256.6 | 1256.9 | 1256.7 | 1256.2 | 1255.7 | 1255.3 | 1254.8 |
| 155°   | 1278.5 | 1278.7 | 1279.0 | 1279.2 | 1279.5 | 1279.6 | 1279.3 | 1278.6 | 1277.9 | 1277.2 | 1276.5 |
| 157.5° | 1300.2 | 1300.2 | 1300.2 | 1300.2 | 1300.2 | 1300.2 | 1299.7 | 1298.8 | 1297.9 | 1297.0 | 1296.1 |
| 160°   | 1318.8 | 1318.1 | 1317.4 | 1316.7 | 1316.0 | 1315.7 | 1315.6 | 1315.3 | 1315.1 | 1314.8 | 1314.6 |
| 162.5° | 1335.3 | 1334.4 | 1333.5 | 1332.6 | 1331.7 | 1331.2 | 1331.1 | 1330.8 | 1330.6 | 1330.3 | 1330.1 |
| 165°   | 1348.7 | 1347.5 | 1346.4 | 1345.2 | 1344.1 | 1343.5 | 1343.5 | 1343.5 | 1343.5 | 1343.5 | 1343.5 |
| 167.5° | 1360.1 | 1358.9 | 1357.8 | 1356.6 | 1355.5 | 1354.9 | 1354.8 | 1354.6 | 1354.3 | 1354.1 | 1353.9 |
| 170°   | 1369.3 | 1367.9 | 1366.5 | 1365.2 | 1363.8 | 1363.1 | 1363.2 | 1363.5 | 1363.7 | 1364.0 | 1364.2 |
| 172.5° | 1375.5 | 1374.1 | 1372.7 | 1371.4 | 1370.0 | 1369.3 | 1369.4 | 1369.7 | 1369.9 | 1370.2 | 1370.4 |
| 175°   | 1379.7 | 1378.3 | 1376.9 | 1375.6 | 1374.2 | 1373.5 | 1373.6 | 1373.8 | 1374.1 | 1374.3 | 1374.5 |
| 177.5° | 1382.8 | 1381.2 | 1379.6 | 1377.9 | 1376.3 | 1375.5 | 1375.7 | 1376.2 | 1376.7 | 1377.1 | 1377.6 |
| 180°   | 1379.7 | 1379.7 | 1379.7 | 1379.7 | 1379.7 | 1379.7 | 1379.7 | 1379.7 | 1379.7 | 1379.7 | 1379.7 |

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CATALOG NUMBER: S124RDIW-B795D1050UB2750-4FO-XX-W2A-A\_3500K

**CANDELA DISTRIBUTION (continued):**

|        | 50°    | 55°    | 60°    | 65°    | 67.5°  | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1332.7 | 1332.7 | 1332.7 | 1332.7 | 1332.7 | 1332.7 | 1332.7 | 1332.7 | 1332.7 | 1332.7 | 1332.7 |
| 2.5°   | 1397.2 | 1409.0 | 1410.1 | 1420.8 | 1417.6 | 1412.2 | 1421.9 | 1415.4 | 1428.3 | 1424.0 | 1429.4 |
| 5°     | 1478.8 | 1494.9 | 1508.9 | 1517.5 | 1532.5 | 1529.3 | 1545.4 | 1540.0 | 1551.8 | 1540.0 | 1555.0 |
| 7.5°   | 1574.4 | 1601.2 | 1615.2 | 1637.7 | 1644.2 | 1645.2 | 1664.6 | 1668.9 | 1676.4 | 1668.9 | 1677.5 |
| 10°    | 1667.8 | 1700.0 | 1732.2 | 1750.5 | 1762.3 | 1778.4 | 1795.6 | 1803.1 | 1808.5 | 1801.0 | 1806.3 |
| 12.5°  | 1752.6 | 1803.1 | 1838.6 | 1875.1 | 1883.7 | 1897.6 | 1915.9 | 1913.7 | 1935.2 | 1930.9 | 1940.6 |
| 15°    | 1831.0 | 1886.9 | 1929.8 | 1958.8 | 1982.5 | 1994.3 | 2028.6 | 2030.8 | 2029.7 | 2040.4 | 2034.0 |
| 17.5°  | 1900.8 | 1948.1 | 2009.3 | 2046.9 | 2075.9 | 2075.9 | 2095.2 | 2135.0 | 2131.7 | 2130.7 | 2137.1 |
| 20°    | 1957.8 | 2011.5 | 2068.4 | 2131.7 | 2155.4 | 2159.7 | 2186.5 | 2206.9 | 2210.1 | 2210.1 | 2210.1 |
| 22.5°  | 2000.7 | 2064.1 | 2125.3 | 2170.4 | 2188.7 | 2203.7 | 2227.3 | 2240.2 | 2244.5 | 2242.3 | 2244.5 |
| 25°    | 2022.2 | 2082.3 | 2144.6 | 2185.4 | 2196.2 | 2204.8 | 2206.9 | 2214.4 | 2213.4 | 2200.5 | 2208.0 |
| 27.5°  | 2026.5 | 2084.5 | 2125.3 | 2136.0 | 2130.7 | 2125.3 | 2090.9 | 2094.1 | 2084.5 | 2065.1 | 2072.7 |
| 30°    | 2007.2 | 2038.3 | 2037.2 | 2003.9 | 1994.3 | 1971.7 | 1940.6 | 1894.4 | 1856.8 | 1840.7 | 1846.1 |
| 32.5°  | 1937.4 | 1937.4 | 1898.7 | 1823.5 | 1790.2 | 1749.4 | 1693.6 | 1651.7 | 1602.3 | 1591.6 | 1612.0 |
| 35°    | 1840.7 | 1785.9 | 1715.1 | 1616.3 | 1565.8 | 1535.7 | 1439.1 | 1409.0 | 1367.1 | 1355.3 | 1365.0 |
| 37.5°  | 1690.4 | 1599.1 | 1496.0 | 1403.6 | 1360.7 | 1307.0 | 1222.1 | 1179.2 | 1149.1 | 1128.7 | 1138.4 |
| 40°    | 1521.7 | 1411.1 | 1303.7 | 1189.9 | 1142.7 | 1098.6 | 1035.3 | 996.6  | 948.3  | 950.4  | 953.6  |
| 42.5°  | 1360.7 | 1230.7 | 1110.4 | 1005.2 | 960.1  | 923.6  | 879.5  | 832.3  | 815.1  | 809.7  | 804.4  |
| 45°    | 1189.9 | 1051.4 | 938.6  | 860.2  | 819.4  | 785.0  | 744.2  | 717.4  | 697.0  | 692.7  | 698.0  |
| 47.5°  | 1028.8 | 911.8  | 804.4  | 731.3  | 698.0  | 680.9  | 648.6  | 623.9  | 611.1  | 600.3  | 606.8  |
| 50°    | 882.8  | 773.2  | 687.3  | 626.1  | 602.5  | 590.7  | 560.6  | 547.7  | 534.8  | 531.6  | 530.5  |
| 52.5°  | 762.5  | 669.1  | 595.0  | 545.6  | 527.3  | 520.9  | 498.3  | 480.0  | 469.3  | 472.5  | 474.7  |
| 55°    | 652.9  | 573.5  | 515.5  | 475.7  | 460.7  | 453.2  | 437.1  | 424.2  | 416.7  | 413.5  | 415.6  |
| 57.5°  | 556.3  | 487.6  | 445.7  | 413.5  | 401.6  | 398.4  | 381.2  | 376.9  | 371.6  | 368.4  | 368.4  |
| 60°    | 468.2  | 419.9  | 381.2  | 363.0  | 350.1  | 346.9  | 334.0  | 328.6  | 327.5  | 324.3  | 322.2  |
| 62.5°  | 394.1  | 354.4  | 327.5  | 308.2  | 302.8  | 301.8  | 293.2  | 286.7  | 283.5  | 281.4  | 281.4  |
| 65°    | 329.7  | 300.7  | 278.1  | 264.2  | 259.9  | 257.7  | 248.1  | 245.9  | 243.8  | 241.6  | 240.6  |
| 67.5°  | 274.9  | 249.1  | 233.0  | 223.4  | 218.0  | 219.1  | 213.7  | 209.4  | 209.4  | 208.3  | 207.3  |
| 70°    | 222.3  | 206.2  | 192.2  | 186.9  | 184.7  | 182.6  | 180.4  | 177.2  | 176.1  | 176.1  | 176.1  |
| 72.5°  | 175.0  | 164.3  | 156.8  | 153.6  | 151.4  | 149.3  | 147.1  | 147.1  | 147.1  | 146.1  | 146.1  |
| 75°    | 134.2  | 129.9  | 124.6  | 121.4  | 121.4  | 123.5  | 120.3  | 117.1  | 113.8  | 111.7  | 112.8  |
| 77.5°  | 100.9  | 98.8   | 95.6   | 90.2   | 91.3   | 89.1   | 89.1   | 87.0   | 88.1   | 88.1   | 85.9   |
| 80°    | 74.1   | 70.9   | 69.8   | 66.6   | 67.7   | 66.6   | 65.5   | 65.5   | 63.4   | 63.4   | 63.4   |
| 82.5°  | 51.5   | 48.3   | 48.3   | 47.3   | 46.2   | 46.2   | 45.1   | 45.1   | 46.2   | 44.0   | 44.0   |
| 85°    | 31.1   | 30.1   | 30.1   | 27.9   | 27.9   | 27.9   | 27.9   | 29.0   | 27.9   | 26.8   | 26.8   |
| 87.5°  | 14.0   | 15.0   | 14.0   | 12.9   | 12.9   | 12.9   | 11.8   | 11.8   | 10.7   | 11.8   | 11.8   |
| 90°    | 24.1   | 25.5   | 26.8   | 28.2   | 28.9   | 29.1   | 29.6   | 30.1   | 30.5   | 31.0   | 30.5   |
| 92.5°  | 23.1   | 24.5   | 25.8   | 27.2   | 27.9   | 27.9   | 27.9   | 27.9   | 27.9   | 27.9   | 27.9   |
| 95°    | 24.1   | 25.5   | 26.8   | 28.2   | 28.9   | 29.0   | 29.2   | 29.5   | 29.7   | 29.9   | 29.7   |
| 97.5°  | 23.9   | 25.0   | 26.2   | 27.3   | 27.9   | 28.0   | 28.2   | 28.5   | 28.7   | 28.9   | 28.7   |
| 100°   | 41.5   | 37.6   | 33.7   | 29.8   | 27.9   | 28.0   | 28.2   | 28.5   | 28.7   | 28.9   | 28.7   |
| 102.5° | 210.5  | 158.9  | 107.3  | 55.7   | 29.9   | 29.9   | 29.9   | 29.9   | 29.9   | 29.9   | 29.9   |
| 105°   | 324.0  | 326.1  | 328.1  | 330.2  | 331.2  | 327.1  | 318.8  | 310.6  | 302.3  | 294.1  | 302.3  |
| 107.5° | 389.2  | 390.3  | 391.5  | 392.6  | 393.2  | 393.7  | 394.6  | 395.5  | 396.4  | 397.3  | 396.4  |
| 110°   | 455.5  | 456.0  | 456.4  | 456.9  | 457.1  | 457.4  | 458.1  | 458.8  | 459.5  | 460.2  | 459.5  |

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**CANDELA DISTRIBUTION (continued):**

|        | 50°    | 55°    | 60°    | 65°    | 67.5°  | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 519.9  | 519.6  | 519.4  | 519.1  | 519.0  | 519.5  | 520.4  | 521.3  | 522.3  | 523.2  | 522.3  |
| 115°   | 582.5  | 582.9  | 583.4  | 583.9  | 584.1  | 584.1  | 584.1  | 584.1  | 584.1  | 584.1  | 584.1  |
| 117.5° | 647.8  | 647.6  | 647.3  | 647.1  | 647.0  | 647.0  | 647.0  | 647.0  | 647.0  | 647.0  | 647.0  |
| 120°   | 706.3  | 706.7  | 707.2  | 707.7  | 707.9  | 707.7  | 707.2  | 706.7  | 706.3  | 705.8  | 706.3  |
| 122.5° | 764.8  | 765.1  | 765.3  | 765.6  | 765.7  | 765.5  | 765.0  | 764.5  | 764.1  | 763.6  | 764.1  |
| 125°   | 818.0  | 818.7  | 819.4  | 820.1  | 820.4  | 820.5  | 820.7  | 821.0  | 821.2  | 821.4  | 821.2  |
| 127.5° | 873.8  | 873.6  | 873.3  | 873.1  | 873.0  | 872.9  | 872.7  | 872.4  | 872.2  | 872.0  | 872.2  |
| 130°   | 922.7  | 923.0  | 923.2  | 923.5  | 923.6  | 923.6  | 923.6  | 923.6  | 923.6  | 923.6  | 923.6  |
| 132.5° | 971.2  | 971.5  | 971.7  | 972.0  | 972.1  | 972.0  | 971.7  | 971.5  | 971.2  | 971.0  | 971.2  |
| 135°   | 1014.8 | 1015.3 | 1015.7 | 1016.2 | 1016.4 | 1016.6 | 1017.1 | 1017.6 | 1018.0 | 1018.5 | 1018.0 |
| 137.5° | 1058.2 | 1058.6 | 1059.1 | 1059.6 | 1059.8 | 1059.7 | 1059.4 | 1059.2 | 1058.9 | 1058.7 | 1058.9 |
| 140°   | 1097.6 | 1098.3 | 1099.0 | 1099.7 | 1100.0 | 1100.1 | 1100.3 | 1100.6 | 1100.8 | 1101.0 | 1100.8 |
| 142.5° | 1134.5 | 1135.0 | 1135.4 | 1135.9 | 1136.1 | 1136.1 | 1136.1 | 1136.1 | 1136.1 | 1136.1 | 1136.1 |
| 145°   | 1169.3 | 1169.6 | 1169.8 | 1170.1 | 1170.2 | 1170.4 | 1170.9 | 1171.3 | 1171.8 | 1172.2 | 1171.8 |
| 147.5° | 1200.3 | 1200.5 | 1200.8 | 1201.0 | 1201.1 | 1201.2 | 1201.5 | 1201.7 | 1202.0 | 1202.2 | 1202.0 |
| 150°   | 1230.0 | 1230.0 | 1230.0 | 1230.0 | 1230.0 | 1230.1 | 1230.4 | 1230.6 | 1230.9 | 1231.1 | 1230.9 |
| 152.5° | 1255.3 | 1255.7 | 1256.2 | 1256.7 | 1256.9 | 1256.8 | 1256.5 | 1256.3 | 1256.0 | 1255.8 | 1256.0 |
| 155°   | 1277.4 | 1278.3 | 1279.2 | 1280.1 | 1280.6 | 1280.3 | 1279.6 | 1278.9 | 1278.2 | 1277.5 | 1278.2 |
| 157.5° | 1297.2 | 1298.4 | 1299.5 | 1300.6 | 1301.2 | 1300.6 | 1299.5 | 1298.4 | 1297.2 | 1296.1 | 1297.2 |
| 160°   | 1316.0 | 1317.4 | 1318.7 | 1320.1 | 1320.8 | 1320.1 | 1318.7 | 1317.4 | 1316.0 | 1314.6 | 1316.0 |
| 162.5° | 1331.5 | 1332.9 | 1334.2 | 1335.6 | 1336.3 | 1335.5 | 1333.9 | 1332.3 | 1330.7 | 1329.1 | 1330.7 |
| 165°   | 1345.3 | 1347.2 | 1349.0 | 1350.9 | 1351.8 | 1350.8 | 1348.7 | 1346.6 | 1344.6 | 1342.5 | 1344.6 |
| 167.5° | 1355.9 | 1358.0 | 1360.0 | 1362.1 | 1363.1 | 1362.0 | 1359.7 | 1357.4 | 1355.1 | 1352.8 | 1355.1 |
| 170°   | 1366.0 | 1367.8 | 1369.7 | 1371.5 | 1372.4 | 1371.3 | 1369.0 | 1366.7 | 1364.4 | 1362.1 | 1364.4 |
| 172.5° | 1372.2 | 1374.0 | 1375.9 | 1377.7 | 1378.6 | 1377.3 | 1374.8 | 1372.3 | 1369.8 | 1367.3 | 1369.8 |
| 175°   | 1376.6 | 1378.6 | 1380.7 | 1382.8 | 1383.8 | 1382.4 | 1379.7 | 1376.9 | 1374.2 | 1371.4 | 1374.2 |
| 177.5° | 1379.4 | 1381.3 | 1383.1 | 1385.0 | 1385.9 | 1384.5 | 1381.8 | 1379.0 | 1376.3 | 1373.5 | 1376.3 |
| 180°   | 1379.7 | 1379.7 | 1379.7 | 1379.7 | 1379.7 | 1379.7 | 1379.7 | 1379.7 | 1379.7 | 1379.7 | 1379.7 |

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**CANDELA DISTRIBUTION (continued):**

|        | 100°   | 105°   | 110°   | 112.5° | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1332.7 | 1332.7 | 1332.7 | 1332.7 | 1332.7 | 1332.7 | 1332.7 | 1332.7 | 1332.7 | 1332.7 | 1332.7 |
| 2.5°   | 1432.6 | 1425.1 | 1424.0 | 1424.0 | 1412.2 | 1418.6 | 1405.8 | 1391.8 | 1385.4 | 1385.4 | 1373.5 |
| 5°     | 1551.8 | 1544.3 | 1536.8 | 1525.0 | 1525.0 | 1518.5 | 1498.1 | 1477.7 | 1462.7 | 1449.8 | 1435.8 |
| 7.5°   | 1674.2 | 1666.7 | 1645.2 | 1633.4 | 1639.9 | 1627.0 | 1600.1 | 1565.8 | 1540.0 | 1519.6 | 1490.6 |
| 10°    | 1807.4 | 1787.0 | 1776.3 | 1769.8 | 1747.3 | 1733.3 | 1702.2 | 1651.7 | 1619.5 | 1592.6 | 1555.0 |
| 12.5°  | 1915.9 | 1922.3 | 1881.5 | 1884.7 | 1862.2 | 1842.8 | 1794.5 | 1746.2 | 1697.9 | 1660.3 | 1604.4 |
| 15°    | 2032.9 | 2013.6 | 1988.9 | 1969.6 | 1962.1 | 1938.4 | 1897.6 | 1833.2 | 1780.6 | 1721.5 | 1658.1 |
| 17.5°  | 2125.3 | 2110.3 | 2086.6 | 2068.4 | 2052.3 | 1995.3 | 1961.0 | 1904.1 | 1832.1 | 1774.1 | 1696.8 |
| 20°    | 2203.7 | 2189.7 | 2156.4 | 2144.6 | 2115.6 | 2074.8 | 2025.4 | 1937.4 | 1872.9 | 1809.6 | 1734.4 |
| 22.5°  | 2237.0 | 2223.0 | 2194.0 | 2179.0 | 2160.7 | 2121.0 | 2073.7 | 1990.0 | 1910.5 | 1831.0 | 1751.6 |
| 25°    | 2209.1 | 2209.1 | 2195.1 | 2189.7 | 2173.6 | 2138.2 | 2089.9 | 2019.0 | 1934.1 | 1848.2 | 1753.7 |
| 27.5°  | 2073.7 | 2100.6 | 2110.3 | 2115.6 | 2115.6 | 2116.7 | 2083.4 | 2014.7 | 1932.0 | 1848.2 | 1749.4 |
| 30°    | 1878.3 | 1923.4 | 1963.1 | 1974.9 | 1995.3 | 2017.9 | 2031.9 | 1998.6 | 1924.5 | 1836.4 | 1737.6 |
| 32.5°  | 1632.4 | 1690.4 | 1764.5 | 1782.7 | 1810.6 | 1878.3 | 1915.9 | 1929.8 | 1889.0 | 1811.7 | 1706.5 |
| 35°    | 1387.5 | 1460.5 | 1505.6 | 1561.5 | 1587.3 | 1687.1 | 1770.9 | 1821.4 | 1811.7 | 1765.5 | 1669.9 |
| 37.5°  | 1173.8 | 1215.7 | 1270.4 | 1329.5 | 1381.1 | 1476.6 | 1580.8 | 1678.5 | 1718.3 | 1695.7 | 1623.8 |
| 40°    | 968.7  | 1018.1 | 1083.6 | 1131.9 | 1167.4 | 1262.9 | 1391.8 | 1498.1 | 1585.1 | 1599.1 | 1555.0 |
| 42.5°  | 823.7  | 873.1  | 912.8  | 965.5  | 993.4  | 1085.7 | 1199.6 | 1332.7 | 1435.8 | 1490.6 | 1471.3 |
| 45°    | 712.0  | 742.1  | 774.3  | 804.4  | 838.7  | 920.4  | 1025.6 | 1171.6 | 1287.6 | 1365.0 | 1372.5 |
| 47.5°  | 614.3  | 641.1  | 669.1  | 697.0  | 716.3  | 779.7  | 876.3  | 995.5  | 1122.2 | 1228.6 | 1270.4 |
| 50°    | 545.6  | 558.4  | 578.8  | 595.0  | 617.5  | 672.3  | 749.6  | 852.7  | 986.9  | 1101.8 | 1156.6 |
| 52.5°  | 477.9  | 494.0  | 510.1  | 524.1  | 539.1  | 577.8  | 648.6  | 737.8  | 853.8  | 971.9  | 1039.6 |
| 55°    | 421.0  | 433.9  | 448.9  | 458.6  | 467.2  | 501.5  | 555.2  | 623.9  | 723.8  | 835.5  | 919.3  |
| 57.5°  | 374.8  | 380.2  | 393.1  | 398.4  | 408.1  | 436.0  | 474.7  | 535.9  | 616.4  | 724.9  | 793.6  |
| 60°    | 324.3  | 335.1  | 344.7  | 349.0  | 356.5  | 375.9  | 402.7  | 459.6  | 529.4  | 608.9  | 687.3  |
| 62.5°  | 283.5  | 287.8  | 295.3  | 300.7  | 306.1  | 326.5  | 349.0  | 392.0  | 444.6  | 511.2  | 583.1  |
| 65°    | 245.9  | 248.1  | 252.4  | 259.9  | 263.1  | 278.1  | 291.0  | 322.2  | 371.6  | 422.1  | 494.0  |
| 67.5°  | 207.3  | 209.4  | 214.8  | 219.1  | 222.3  | 232.0  | 245.9  | 268.5  | 295.3  | 351.2  | 390.9  |
| 70°    | 177.2  | 177.2  | 180.4  | 182.6  | 185.8  | 190.1  | 197.6  | 214.8  | 239.5  | 274.9  | 311.4  |
| 72.5°  | 148.2  | 148.2  | 148.2  | 151.4  | 151.4  | 154.6  | 158.9  | 170.8  | 187.9  | 215.9  | 239.5  |
| 75°    | 114.9  | 116.0  | 118.1  | 118.1  | 119.2  | 123.5  | 126.7  | 129.9  | 138.5  | 156.8  | 178.3  |
| 77.5°  | 87.0   | 89.1   | 90.2   | 88.1   | 90.2   | 90.2   | 94.5   | 98.8   | 103.1  | 108.5  | 124.6  |
| 80°    | 64.4   | 65.5   | 63.4   | 64.4   | 64.4   | 66.6   | 68.7   | 67.7   | 69.8   | 76.2   | 80.5   |
| 82.5°  | 43.0   | 44.0   | 44.0   | 44.0   | 44.0   | 47.3   | 47.3   | 46.2   | 47.3   | 48.3   | 49.4   |
| 85°    | 26.8   | 25.8   | 25.8   | 26.8   | 25.8   | 25.8   | 26.8   | 27.9   | 26.8   | 27.9   | 29.0   |
| 87.5°  | 11.8   | 11.8   | 11.8   | 11.8   | 10.7   | 10.7   | 11.8   | 10.7   | 11.8   | 10.7   | 9.7    |
| 90°    | 30.1   | 29.6   | 29.1   | 28.9   | 28.2   | 26.8   | 25.5   | 24.1   | 22.7   | 20.9   | 19.0   |
| 92.5°  | 27.9   | 27.9   | 27.9   | 27.9   | 27.2   | 25.8   | 24.5   | 23.1   | 21.7   | 19.9   | 18.0   |
| 95°    | 29.5   | 29.2   | 29.0   | 28.9   | 28.2   | 26.8   | 25.5   | 24.1   | 22.7   | 22.5   | 22.3   |
| 97.5°  | 28.5   | 28.2   | 28.0   | 27.9   | 27.3   | 26.2   | 25.0   | 23.9   | 22.7   | 46.8   | 70.9   |
| 100°   | 28.5   | 28.2   | 28.0   | 27.9   | 29.8   | 33.7   | 37.6   | 41.5   | 45.4   | 77.0   | 108.7  |
| 102.5° | 29.9   | 29.9   | 29.9   | 29.9   | 55.7   | 107.3  | 158.9  | 210.5  | 262.1  | 259.3  | 256.6  |
| 105°   | 310.6  | 318.8  | 327.1  | 331.2  | 330.2  | 328.1  | 326.1  | 324.0  | 322.0  | 320.8  | 319.7  |
| 107.5° | 395.5  | 394.6  | 393.7  | 393.2  | 392.6  | 391.5  | 390.3  | 389.2  | 388.0  | 386.4  | 384.8  |
| 110°   | 458.8  | 458.1  | 457.4  | 457.1  | 456.9  | 456.4  | 456.0  | 455.5  | 455.1  | 453.7  | 452.3  |

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**CANDELA DISTRIBUTION (continued):**

|        | 100°   | 105°   | 110°   | 112.5° | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 521.3  | 520.4  | 519.5  | 519.0  | 519.1  | 519.4  | 519.6  | 519.9  | 520.1  | 519.6  | 519.2  |
| 115°   | 584.1  | 584.1  | 584.1  | 584.1  | 583.9  | 583.4  | 582.9  | 582.5  | 582.0  | 582.2  | 582.4  |
| 117.5° | 647.0  | 647.0  | 647.0  | 647.0  | 647.1  | 647.3  | 647.6  | 647.8  | 648.0  | 647.3  | 646.6  |
| 120°   | 706.7  | 707.2  | 707.7  | 707.9  | 707.7  | 707.2  | 706.7  | 706.3  | 705.8  | 706.0  | 706.3  |
| 122.5° | 764.5  | 765.0  | 765.5  | 765.7  | 765.6  | 765.3  | 765.1  | 764.8  | 764.6  | 764.2  | 763.7  |
| 125°   | 821.0  | 820.7  | 820.5  | 820.4  | 820.1  | 819.4  | 818.7  | 818.0  | 817.3  | 817.7  | 818.2  |
| 127.5° | 872.4  | 872.7  | 872.9  | 873.0  | 873.1  | 873.3  | 873.6  | 873.8  | 874.0  | 872.9  | 871.7  |
| 130°   | 923.6  | 923.6  | 923.6  | 923.6  | 923.5  | 923.2  | 923.0  | 922.7  | 922.5  | 921.8  | 921.1  |
| 132.5° | 971.5  | 971.7  | 972.0  | 972.1  | 972.0  | 971.7  | 971.5  | 971.2  | 971.0  | 970.1  | 969.2  |
| 135°   | 1017.6 | 1017.1 | 1016.6 | 1016.4 | 1016.2 | 1015.7 | 1015.3 | 1014.8 | 1014.4 | 1013.5 | 1012.5 |
| 137.5° | 1059.2 | 1059.4 | 1059.7 | 1059.8 | 1059.6 | 1059.1 | 1058.6 | 1058.2 | 1057.7 | 1056.5 | 1055.4 |
| 140°   | 1100.6 | 1100.3 | 1100.1 | 1100.0 | 1099.7 | 1099.0 | 1098.3 | 1097.6 | 1096.9 | 1096.5 | 1096.0 |
| 142.5° | 1136.1 | 1136.1 | 1136.1 | 1136.1 | 1135.9 | 1135.4 | 1135.0 | 1134.5 | 1134.1 | 1133.9 | 1133.6 |
| 145°   | 1171.3 | 1170.9 | 1170.4 | 1170.2 | 1170.1 | 1169.8 | 1169.6 | 1169.3 | 1169.1 | 1169.1 | 1169.1 |
| 147.5° | 1201.7 | 1201.5 | 1201.2 | 1201.1 | 1201.0 | 1200.8 | 1200.5 | 1200.3 | 1200.1 | 1200.3 | 1200.5 |
| 150°   | 1230.6 | 1230.4 | 1230.1 | 1230.0 | 1230.0 | 1230.0 | 1230.0 | 1230.0 | 1230.0 | 1230.2 | 1230.5 |
| 152.5° | 1256.3 | 1256.5 | 1256.8 | 1256.9 | 1256.7 | 1256.2 | 1255.7 | 1255.3 | 1254.8 | 1255.3 | 1255.7 |
| 155°   | 1278.9 | 1279.6 | 1280.3 | 1280.6 | 1280.1 | 1279.2 | 1278.3 | 1277.4 | 1276.5 | 1277.2 | 1277.9 |
| 157.5° | 1298.4 | 1299.5 | 1300.6 | 1301.2 | 1300.6 | 1299.5 | 1298.4 | 1297.2 | 1296.1 | 1297.0 | 1297.9 |
| 160°   | 1317.4 | 1318.7 | 1320.1 | 1320.8 | 1320.1 | 1318.7 | 1317.4 | 1316.0 | 1314.6 | 1314.8 | 1315.1 |
| 162.5° | 1332.3 | 1333.9 | 1335.5 | 1336.3 | 1335.6 | 1334.2 | 1332.9 | 1331.5 | 1330.1 | 1330.3 | 1330.6 |
| 165°   | 1346.6 | 1348.7 | 1350.8 | 1351.8 | 1350.9 | 1349.0 | 1347.2 | 1345.3 | 1343.5 | 1343.5 | 1343.5 |
| 167.5° | 1357.4 | 1359.7 | 1362.0 | 1363.1 | 1362.1 | 1360.0 | 1358.0 | 1355.9 | 1353.9 | 1354.1 | 1354.3 |
| 170°   | 1366.7 | 1369.0 | 1371.3 | 1372.4 | 1371.5 | 1369.7 | 1367.8 | 1366.0 | 1364.2 | 1364.0 | 1363.7 |
| 172.5° | 1372.3 | 1374.8 | 1377.3 | 1378.6 | 1377.7 | 1375.9 | 1374.0 | 1372.2 | 1370.4 | 1370.2 | 1369.9 |
| 175°   | 1376.9 | 1379.7 | 1382.4 | 1383.8 | 1382.8 | 1380.7 | 1378.6 | 1376.6 | 1374.5 | 1374.3 | 1374.1 |
| 177.5° | 1379.0 | 1381.8 | 1384.5 | 1385.9 | 1385.0 | 1383.1 | 1381.3 | 1379.4 | 1377.6 | 1377.1 | 1376.7 |
| 180°   | 1379.7 | 1379.7 | 1379.7 | 1379.7 | 1379.7 | 1379.7 | 1379.7 | 1379.7 | 1379.7 | 1379.7 | 1379.7 |

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**CANDELA DISTRIBUTION (continued):**

|        | 150°   | 155°   | 157.5° | 160°   | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1332.7 | 1332.7 | 1332.7 | 1332.7 | 1332.7 | 1332.7 | 1332.7 | 1332.7 | 1332.7 | 1332.7 | 1332.7 |
| 2.5°   | 1367.1 | 1361.7 | 1358.5 | 1357.4 | 1347.8 | 1342.4 | 1339.2 | 1337.0 | 1333.8 | 1325.2 | 1317.7 |
| 5°     | 1418.6 | 1403.6 | 1396.1 | 1387.5 | 1372.5 | 1355.3 | 1341.3 | 1332.7 | 1322.0 | 1304.8 | 1288.7 |
| 7.5°   | 1467.0 | 1444.4 | 1429.4 | 1417.6 | 1391.8 | 1363.9 | 1341.3 | 1323.1 | 1302.7 | 1279.0 | 1256.5 |
| 10°    | 1517.5 | 1480.9 | 1461.6 | 1443.3 | 1405.8 | 1369.2 | 1337.0 | 1310.2 | 1281.2 | 1250.0 | 1225.3 |
| 12.5°  | 1557.2 | 1508.9 | 1487.4 | 1461.6 | 1415.4 | 1372.5 | 1331.7 | 1295.1 | 1257.6 | 1224.3 | 1188.8 |
| 15°    | 1603.4 | 1543.2 | 1518.5 | 1485.2 | 1421.9 | 1366.0 | 1313.4 | 1273.7 | 1235.0 | 1185.6 | 1148.0 |
| 17.5°  | 1630.2 | 1560.4 | 1525.0 | 1496.0 | 1427.2 | 1359.6 | 1298.4 | 1249.0 | 1203.9 | 1154.5 | 1114.7 |
| 20°    | 1657.1 | 1577.6 | 1537.9 | 1497.0 | 1415.4 | 1343.5 | 1279.0 | 1220.0 | 1172.7 | 1119.0 | 1078.2 |
| 22.5°  | 1665.7 | 1573.3 | 1531.4 | 1493.8 | 1407.9 | 1327.4 | 1253.3 | 1193.1 | 1138.4 | 1084.7 | 1038.5 |
| 25°    | 1665.7 | 1572.2 | 1522.8 | 1474.5 | 1384.3 | 1301.6 | 1227.5 | 1162.0 | 1100.8 | 1047.1 | 1000.9 |
| 27.5°  | 1648.5 | 1550.7 | 1499.2 | 1455.2 | 1361.7 | 1272.6 | 1196.3 | 1124.4 | 1065.3 | 1011.6 | 959.0  |
| 30°    | 1627.0 | 1519.6 | 1468.0 | 1415.4 | 1325.2 | 1240.4 | 1157.7 | 1091.1 | 1028.8 | 967.6  | 920.4  |
| 32.5°  | 1600.1 | 1486.3 | 1429.4 | 1375.7 | 1280.1 | 1192.1 | 1115.8 | 1050.3 | 991.2  | 927.9  | 875.2  |
| 35°    | 1561.5 | 1436.9 | 1373.5 | 1326.3 | 1233.9 | 1142.7 | 1069.6 | 1005.2 | 948.3  | 882.8  | 825.8  |
| 37.5°  | 1512.1 | 1391.8 | 1327.4 | 1269.4 | 1173.8 | 1090.0 | 1021.3 | 959.0  | 903.2  | 843.0  | 779.7  |
| 40°    | 1454.1 | 1328.4 | 1272.6 | 1211.4 | 1110.4 | 1031.0 | 966.5  | 910.7  | 854.8  | 797.9  | 736.7  |
| 42.5°  | 1388.6 | 1264.0 | 1201.7 | 1142.7 | 1046.0 | 967.6  | 907.5  | 857.0  | 805.4  | 752.8  | 687.3  |
| 45°    | 1310.2 | 1193.1 | 1133.0 | 1077.1 | 983.7  | 903.2  | 848.4  | 800.1  | 756.0  | 702.3  | 644.4  |
| 47.5°  | 1222.1 | 1120.1 | 1058.9 | 998.7  | 907.5  | 837.7  | 784.0  | 743.2  | 705.6  | 651.9  | 599.2  |
| 50°    | 1136.2 | 1035.3 | 985.9  | 924.6  | 840.9  | 775.4  | 720.6  | 686.2  | 657.2  | 604.6  | 557.4  |
| 52.5°  | 1027.7 | 951.5  | 904.2  | 851.6  | 771.1  | 704.5  | 661.5  | 631.5  | 597.1  | 556.3  | 514.4  |
| 55°    | 932.2  | 861.3  | 823.7  | 774.3  | 694.8  | 635.8  | 599.2  | 571.3  | 544.5  | 508.0  | 474.7  |
| 57.5°  | 823.7  | 779.7  | 742.1  | 699.1  | 620.7  | 570.3  | 538.0  | 514.4  | 489.7  | 459.6  | 432.8  |
| 60°    | 709.9  | 689.5  | 652.9  | 618.6  | 552.0  | 508.0  | 481.1  | 459.6  | 436.0  | 411.3  | 388.8  |
| 62.5°  | 608.9  | 597.1  | 575.6  | 548.8  | 486.5  | 448.9  | 422.1  | 405.9  | 388.8  | 366.2  | 344.7  |
| 65°    | 513.3  | 508.0  | 487.6  | 468.2  | 425.3  | 392.0  | 368.4  | 358.7  | 339.4  | 322.2  | 302.8  |
| 67.5°  | 428.5  | 422.1  | 410.2  | 401.6  | 365.1  | 334.0  | 322.2  | 309.3  | 293.2  | 280.3  | 264.2  |
| 70°    | 342.6  | 341.5  | 334.0  | 323.3  | 303.9  | 281.4  | 269.6  | 261.0  | 244.9  | 235.2  | 223.4  |
| 72.5°  | 266.3  | 271.7  | 265.3  | 261.0  | 248.1  | 232.0  | 221.2  | 215.9  | 203.0  | 195.5  | 186.9  |
| 75°    | 198.7  | 203.0  | 206.2  | 198.7  | 195.5  | 187.9  | 178.3  | 172.9  | 166.5  | 155.7  | 152.5  |
| 77.5°  | 135.3  | 145.0  | 145.0  | 147.1  | 148.2  | 143.9  | 136.4  | 132.1  | 124.6  | 122.4  | 118.1  |
| 80°    | 89.1   | 97.7   | 98.8   | 100.9  | 104.2  | 104.2  | 98.8   | 97.7   | 90.2   | 89.1   | 85.9   |
| 82.5°  | 51.5   | 59.1   | 63.4   | 66.6   | 65.5   | 69.8   | 65.5   | 64.4   | 60.1   | 60.1   | 58.0   |
| 85°    | 27.9   | 29.0   | 31.1   | 33.3   | 35.4   | 37.6   | 37.6   | 36.5   | 35.4   | 34.4   | 32.2   |
| 87.5°  | 10.7   | 10.7   | 11.8   | 10.7   | 11.8   | 14.0   | 15.0   | 15.0   | 14.0   | 12.9   | 10.7   |
| 90°    | 17.2   | 15.3   | 14.4   | 13.1   | 10.6   | 8.1    | 5.6    | 3.1    | 5.6    | 8.1    | 10.6   |
| 92.5°  | 16.2   | 14.3   | 13.4   | 13.6   | 14.1   | 14.6   | 15.0   | 15.5   | 15.0   | 14.6   | 14.1   |
| 95°    | 22.0   | 21.8   | 21.7   | 25.6   | 33.4   | 41.2   | 49.0   | 56.8   | 49.0   | 41.2   | 33.4   |
| 97.5°  | 95.0   | 119.1  | 131.1  | 128.6  | 123.5  | 118.5  | 113.4  | 108.4  | 113.4  | 118.5  | 123.5  |
| 100°   | 140.3  | 172.0  | 187.8  | 185.7  | 181.6  | 177.5  | 173.3  | 169.2  | 173.3  | 177.5  | 181.6  |
| 102.5° | 253.8  | 251.1  | 249.7  | 248.3  | 245.6  | 242.8  | 240.1  | 237.3  | 240.1  | 242.8  | 245.6  |
| 105°   | 318.5  | 317.4  | 316.8  | 316.1  | 314.7  | 313.4  | 312.0  | 310.6  | 312.0  | 313.4  | 314.7  |
| 107.5° | 383.2  | 381.6  | 380.8  | 380.5  | 379.8  | 379.1  | 378.4  | 377.7  | 378.4  | 379.1  | 379.8  |
| 110°   | 451.0  | 449.6  | 448.9  | 448.6  | 447.9  | 447.2  | 446.5  | 445.8  | 446.5  | 447.2  | 447.9  |

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**CANDELA DISTRIBUTION (continued):**

|        | 150°   | 155°   | 157.5° | 160°   | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 518.7  | 518.2  | 518.0  | 517.3  | 515.9  | 514.6  | 513.2  | 511.8  | 513.2  | 514.6  | 515.9  |
| 115°   | 582.7  | 582.9  | 583.0  | 582.7  | 582.0  | 581.3  | 580.6  | 579.9  | 580.6  | 581.3  | 582.0  |
| 117.5° | 645.9  | 645.2  | 644.9  | 644.4  | 643.5  | 642.6  | 641.7  | 640.8  | 641.7  | 642.6  | 643.5  |
| 120°   | 706.5  | 706.8  | 706.9  | 706.4  | 705.5  | 704.6  | 703.6  | 702.7  | 703.6  | 704.6  | 705.5  |
| 122.5° | 763.3  | 762.8  | 762.6  | 762.4  | 761.9  | 761.4  | 761.0  | 760.5  | 761.0  | 761.4  | 761.9  |
| 125°   | 818.6  | 819.1  | 819.3  | 818.8  | 817.9  | 817.0  | 816.1  | 815.2  | 816.1  | 817.0  | 817.9  |
| 127.5° | 870.6  | 869.5  | 868.9  | 868.8  | 868.5  | 868.3  | 868.0  | 867.8  | 868.0  | 868.3  | 868.5  |
| 130°   | 920.4  | 919.7  | 919.4  | 919.3  | 919.1  | 918.8  | 918.6  | 918.4  | 918.6  | 918.8  | 919.1  |
| 132.5° | 968.3  | 967.4  | 966.9  | 966.7  | 966.2  | 965.7  | 965.3  | 964.8  | 965.3  | 965.7  | 966.2  |
| 135°   | 1011.6 | 1010.7 | 1010.2 | 1010.3 | 1010.6 | 1010.8 | 1011.1 | 1011.3 | 1011.1 | 1010.8 | 1010.6 |
| 137.5° | 1054.2 | 1053.1 | 1052.5 | 1052.5 | 1052.5 | 1052.5 | 1052.5 | 1052.5 | 1052.5 | 1052.5 | 1052.5 |
| 140°   | 1095.6 | 1095.1 | 1094.9 | 1094.7 | 1094.2 | 1093.7 | 1093.3 | 1092.8 | 1093.3 | 1093.7 | 1094.2 |
| 142.5° | 1133.4 | 1133.1 | 1133.0 | 1132.5 | 1131.6 | 1130.7 | 1129.8 | 1128.9 | 1129.8 | 1130.7 | 1131.6 |
| 145°   | 1169.1 | 1169.1 | 1169.1 | 1168.8 | 1168.1 | 1167.4 | 1166.8 | 1166.1 | 1166.8 | 1167.4 | 1168.1 |
| 147.5° | 1200.8 | 1201.0 | 1201.1 | 1200.4 | 1199.0 | 1197.7 | 1196.3 | 1194.9 | 1196.3 | 1197.7 | 1199.0 |
| 150°   | 1230.7 | 1231.0 | 1231.1 | 1230.6 | 1229.7 | 1228.8 | 1227.8 | 1226.9 | 1227.8 | 1228.8 | 1229.7 |
| 152.5° | 1256.2 | 1256.7 | 1256.9 | 1256.6 | 1255.9 | 1255.2 | 1254.5 | 1253.8 | 1254.5 | 1255.2 | 1255.9 |
| 155°   | 1278.6 | 1279.3 | 1279.6 | 1279.5 | 1279.2 | 1279.0 | 1278.7 | 1278.5 | 1278.7 | 1279.0 | 1279.2 |
| 157.5° | 1298.8 | 1299.7 | 1300.2 | 1300.2 | 1300.2 | 1300.2 | 1300.2 | 1300.2 | 1300.2 | 1300.2 | 1300.2 |
| 160°   | 1315.3 | 1315.6 | 1315.7 | 1316.0 | 1316.7 | 1317.4 | 1318.1 | 1318.8 | 1318.1 | 1317.4 | 1316.7 |
| 162.5° | 1330.8 | 1331.1 | 1331.2 | 1331.7 | 1332.6 | 1333.5 | 1334.4 | 1335.3 | 1334.4 | 1333.5 | 1332.6 |
| 165°   | 1343.5 | 1343.5 | 1343.5 | 1344.1 | 1345.2 | 1346.4 | 1347.5 | 1348.7 | 1347.5 | 1346.4 | 1345.2 |
| 167.5° | 1354.6 | 1354.8 | 1354.9 | 1355.5 | 1356.6 | 1357.8 | 1358.9 | 1360.1 | 1358.9 | 1357.8 | 1356.6 |
| 170°   | 1363.5 | 1363.2 | 1363.1 | 1363.8 | 1365.2 | 1366.5 | 1367.9 | 1369.3 | 1367.9 | 1366.5 | 1365.2 |
| 172.5° | 1369.7 | 1369.4 | 1369.3 | 1370.0 | 1371.4 | 1372.7 | 1374.1 | 1375.5 | 1374.1 | 1372.7 | 1371.4 |
| 175°   | 1373.8 | 1373.6 | 1373.5 | 1374.2 | 1375.6 | 1376.9 | 1378.3 | 1379.7 | 1378.3 | 1376.9 | 1375.6 |
| 177.5° | 1376.2 | 1375.7 | 1375.5 | 1376.3 | 1377.9 | 1379.6 | 1381.2 | 1382.8 | 1381.2 | 1379.6 | 1377.9 |
| 180°   | 1379.7 | 1379.7 | 1379.7 | 1379.7 | 1379.7 | 1379.7 | 1379.7 | 1379.7 | 1379.7 | 1379.7 | 1379.7 |

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**CANDELA DISTRIBUTION (continued):**

|        | 200°   | 202.5° | 205°   | 210°   | 215°   | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1332.7 | 1332.7 | 1332.7 | 1332.7 | 1332.7 | 1332.7 | 1332.7 | 1332.7 | 1332.7 | 1332.7 | 1332.7 |
| 2.5°   | 1311.3 | 1309.1 | 1307.0 | 1298.4 | 1290.9 | 1278.0 | 1267.2 | 1262.9 | 1261.9 | 1262.9 | 1259.7 |
| 5°     | 1273.7 | 1272.6 | 1265.1 | 1250.0 | 1236.1 | 1221.0 | 1210.3 | 1199.6 | 1193.1 | 1193.1 | 1185.6 |
| 7.5°   | 1238.2 | 1230.7 | 1224.3 | 1204.9 | 1188.8 | 1168.4 | 1152.3 | 1142.7 | 1137.3 | 1125.5 | 1125.5 |
| 10°    | 1200.6 | 1189.9 | 1181.3 | 1163.1 | 1139.4 | 1119.0 | 1098.6 | 1086.8 | 1077.1 | 1068.6 | 1065.3 |
| 12.5°  | 1163.1 | 1154.5 | 1138.4 | 1119.0 | 1095.4 | 1069.6 | 1048.1 | 1039.6 | 1017.0 | 998.7  | 999.8  |
| 15°    | 1127.6 | 1108.3 | 1100.8 | 1072.8 | 1044.9 | 1020.2 | 989.1  | 964.4  | 946.1  | 934.3  | 919.3  |
| 17.5°  | 1087.9 | 1068.6 | 1054.6 | 1031.0 | 994.5  | 955.8  | 925.7  | 892.4  | 874.2  | 853.8  | 844.1  |
| 20°    | 1043.9 | 1027.7 | 1017.0 | 979.4  | 935.4  | 889.2  | 855.9  | 835.5  | 815.1  | 800.1  | 791.5  |
| 22.5°  | 1006.3 | 985.9  | 973.0  | 922.5  | 874.2  | 828.0  | 802.2  | 785.0  | 767.9  | 755.0  | 750.7  |
| 25°    | 957.9  | 946.1  | 915.0  | 870.9  | 811.9  | 780.7  | 758.2  | 735.6  | 726.0  | 717.4  | 707.7  |
| 27.5°  | 918.2  | 889.2  | 867.7  | 809.7  | 773.2  | 737.8  | 715.2  | 698.0  | 686.2  | 677.6  | 670.1  |
| 30°    | 868.8  | 842.0  | 811.9  | 763.6  | 730.3  | 697.0  | 676.6  | 662.6  | 649.7  | 644.4  | 637.9  |
| 32.5°  | 817.3  | 792.6  | 763.6  | 724.9  | 684.1  | 658.3  | 642.2  | 627.2  | 618.6  | 613.2  | 605.7  |
| 35°    | 771.1  | 739.9  | 720.6  | 684.1  | 650.8  | 621.8  | 606.8  | 593.9  | 584.2  | 582.1  | 581.0  |
| 37.5°  | 721.7  | 698.0  | 679.8  | 642.2  | 614.3  | 589.6  | 575.6  | 561.7  | 556.3  | 555.2  | 550.9  |
| 40°    | 678.7  | 658.3  | 641.1  | 605.7  | 575.6  | 553.1  | 542.3  | 533.7  | 528.4  | 528.4  | 527.3  |
| 42.5°  | 641.1  | 619.7  | 602.5  | 570.3  | 543.4  | 523.0  | 511.2  | 502.6  | 500.4  | 501.5  | 500.4  |
| 45°    | 599.2  | 581.0  | 563.8  | 530.5  | 508.0  | 492.9  | 480.0  | 475.7  | 472.5  | 473.6  | 474.7  |
| 47.5°  | 559.5  | 544.5  | 527.3  | 500.4  | 474.7  | 458.6  | 451.0  | 446.8  | 446.8  | 446.8  | 448.9  |
| 50°    | 524.1  | 506.9  | 491.9  | 463.9  | 440.3  | 427.4  | 421.0  | 415.6  | 416.7  | 417.8  | 418.8  |
| 52.5°  | 482.2  | 467.2  | 456.4  | 428.5  | 411.3  | 395.2  | 387.7  | 388.8  | 387.7  | 387.7  | 389.8  |
| 55°    | 445.7  | 430.6  | 419.9  | 394.1  | 376.9  | 366.2  | 359.8  | 356.5  | 357.6  | 355.5  | 359.8  |
| 57.5°  | 404.9  | 392.0  | 384.5  | 359.8  | 344.7  | 335.1  | 329.7  | 324.3  | 326.5  | 325.4  | 324.3  |
| 60°    | 369.4  | 354.4  | 342.6  | 325.4  | 312.5  | 300.7  | 297.5  | 292.1  | 294.3  | 292.1  | 291.0  |
| 62.5°  | 328.6  | 316.8  | 308.2  | 291.0  | 280.3  | 270.6  | 263.1  | 259.9  | 258.8  | 255.6  | 252.4  |
| 65°    | 287.8  | 281.4  | 272.8  | 255.6  | 244.9  | 237.3  | 233.0  | 229.8  | 228.7  | 220.2  | 210.5  |
| 67.5°  | 250.2  | 245.9  | 237.3  | 224.4  | 214.8  | 207.3  | 200.8  | 195.5  | 189.0  | 182.6  | 177.2  |
| 70°    | 214.8  | 208.3  | 203.0  | 191.2  | 182.6  | 175.0  | 168.6  | 162.2  | 158.9  | 152.5  | 150.3  |
| 72.5°  | 180.4  | 174.0  | 168.6  | 157.9  | 150.3  | 142.8  | 140.7  | 133.2  | 129.9  | 128.9  | 128.9  |
| 75°    | 145.0  | 139.6  | 136.4  | 126.7  | 120.3  | 114.9  | 111.7  | 109.5  | 107.4  | 105.2  | 102.0  |
| 77.5°  | 110.6  | 107.4  | 105.2  | 98.8   | 93.4   | 90.2   | 89.1   | 81.6   | 79.5   | 77.3   | 75.2   |
| 80°    | 80.5   | 79.5   | 77.3   | 72.0   | 69.8   | 62.3   | 62.3   | 60.1   | 59.1   | 59.1   | 59.1   |
| 82.5°  | 54.8   | 52.6   | 51.5   | 46.2   | 45.1   | 44.0   | 43.0   | 41.9   | 43.0   | 41.9   | 43.0   |
| 85°    | 29.0   | 27.9   | 26.8   | 26.8   | 26.8   | 26.8   | 26.8   | 26.8   | 26.8   | 25.8   | 26.8   |
| 87.5°  | 10.7   | 10.7   | 10.7   | 10.7   | 9.7    | 10.7   | 10.7   | 9.7    | 10.7   | 10.7   | 10.7   |
| 90°    | 13.1   | 14.4   | 15.3   | 17.2   | 19.0   | 20.9   | 22.7   | 24.1   | 25.5   | 26.8   | 28.2   |
| 92.5°  | 13.6   | 13.4   | 14.3   | 16.2   | 18.0   | 19.9   | 21.7   | 23.1   | 24.5   | 25.8   | 27.2   |
| 95°    | 25.6   | 21.7   | 21.8   | 22.0   | 22.3   | 22.5   | 22.7   | 24.1   | 25.5   | 26.8   | 28.2   |
| 97.5°  | 128.6  | 131.1  | 119.1  | 95.0   | 70.9   | 46.8   | 22.7   | 23.9   | 25.0   | 26.2   | 27.3   |
| 100°   | 185.7  | 187.8  | 172.0  | 140.3  | 108.7  | 77.0   | 45.4   | 41.5   | 37.6   | 33.7   | 29.8   |
| 102.5° | 248.3  | 249.7  | 251.1  | 253.8  | 256.6  | 259.3  | 262.1  | 210.5  | 158.9  | 107.3  | 55.7   |
| 105°   | 316.1  | 316.8  | 317.4  | 318.5  | 319.7  | 320.8  | 322.0  | 324.0  | 326.1  | 328.1  | 330.2  |
| 107.5° | 380.5  | 380.8  | 381.6  | 383.2  | 384.8  | 386.4  | 388.0  | 389.2  | 390.3  | 391.5  | 392.6  |
| 110°   | 448.6  | 448.9  | 449.6  | 451.0  | 452.3  | 453.7  | 455.1  | 455.5  | 456.0  | 456.4  | 456.9  |

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CATALOG NUMBER: S124RDIW-B795D1050UB2750-4F0-XX-W2A-A\_3500K

**CANDELA DISTRIBUTION (continued):**

|        | 200°   | 202.5° | 205°   | 210°   | 215°   | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 517.3  | 518.0  | 518.2  | 518.7  | 519.2  | 519.6  | 520.1  | 519.9  | 519.6  | 519.4  | 519.1  |
| 115°   | 582.7  | 583.0  | 582.9  | 582.7  | 582.4  | 582.2  | 582.0  | 582.5  | 582.9  | 583.4  | 583.9  |
| 117.5° | 644.4  | 644.9  | 645.2  | 645.9  | 646.6  | 647.3  | 648.0  | 647.8  | 647.6  | 647.3  | 647.1  |
| 120°   | 706.4  | 706.9  | 706.8  | 706.5  | 706.3  | 706.0  | 705.8  | 706.3  | 706.7  | 707.2  | 707.7  |
| 122.5° | 762.4  | 762.6  | 762.8  | 763.3  | 763.7  | 764.2  | 764.6  | 764.8  | 765.1  | 765.3  | 765.6  |
| 125°   | 818.8  | 819.3  | 819.1  | 818.6  | 818.2  | 817.7  | 817.3  | 818.0  | 818.7  | 819.4  | 820.1  |
| 127.5° | 868.8  | 868.9  | 869.5  | 870.6  | 871.7  | 872.9  | 874.0  | 873.8  | 873.6  | 873.3  | 873.1  |
| 130°   | 919.3  | 919.4  | 919.7  | 920.4  | 921.1  | 921.8  | 922.5  | 922.7  | 923.0  | 923.2  | 923.5  |
| 132.5° | 966.7  | 966.9  | 967.4  | 968.3  | 969.2  | 970.1  | 971.0  | 971.2  | 971.5  | 971.7  | 972.0  |
| 135°   | 1010.3 | 1010.2 | 1010.7 | 1011.6 | 1012.5 | 1013.5 | 1014.4 | 1014.8 | 1015.3 | 1015.7 | 1016.2 |
| 137.5° | 1052.5 | 1052.5 | 1053.1 | 1054.2 | 1055.4 | 1056.5 | 1057.7 | 1058.2 | 1058.6 | 1059.1 | 1059.6 |
| 140°   | 1094.7 | 1094.9 | 1095.1 | 1095.6 | 1096.0 | 1096.5 | 1096.9 | 1097.6 | 1098.3 | 1099.0 | 1099.7 |
| 142.5° | 1132.5 | 1133.0 | 1133.1 | 1133.4 | 1133.6 | 1133.9 | 1134.1 | 1134.5 | 1135.0 | 1135.4 | 1135.9 |
| 145°   | 1168.8 | 1169.1 | 1169.1 | 1169.1 | 1169.1 | 1169.1 | 1169.1 | 1169.3 | 1169.6 | 1169.8 | 1170.1 |
| 147.5° | 1200.4 | 1201.1 | 1201.0 | 1200.8 | 1200.5 | 1200.3 | 1200.1 | 1200.3 | 1200.5 | 1200.8 | 1201.0 |
| 150°   | 1230.6 | 1231.1 | 1231.0 | 1230.7 | 1230.5 | 1230.2 | 1230.0 | 1230.0 | 1230.0 | 1230.0 | 1230.0 |
| 152.5° | 1256.6 | 1256.9 | 1256.7 | 1256.2 | 1255.7 | 1255.3 | 1254.8 | 1255.3 | 1255.7 | 1256.2 | 1256.7 |
| 155°   | 1279.5 | 1279.6 | 1279.3 | 1278.6 | 1277.9 | 1277.2 | 1276.5 | 1277.4 | 1278.3 | 1279.2 | 1280.1 |
| 157.5° | 1300.2 | 1300.2 | 1299.7 | 1298.8 | 1297.9 | 1297.0 | 1296.1 | 1297.2 | 1298.4 | 1299.5 | 1300.6 |
| 160°   | 1316.0 | 1315.7 | 1315.6 | 1315.3 | 1315.1 | 1314.8 | 1314.6 | 1316.0 | 1317.4 | 1318.7 | 1320.1 |
| 162.5° | 1331.7 | 1331.2 | 1331.1 | 1330.8 | 1330.6 | 1330.3 | 1330.1 | 1331.5 | 1332.9 | 1334.2 | 1335.6 |
| 165°   | 1344.1 | 1343.5 | 1343.5 | 1343.5 | 1343.5 | 1343.5 | 1343.5 | 1345.3 | 1347.2 | 1349.0 | 1350.9 |
| 167.5° | 1355.5 | 1354.9 | 1354.8 | 1354.6 | 1354.3 | 1354.1 | 1353.9 | 1355.9 | 1358.0 | 1360.0 | 1362.1 |
| 170°   | 1363.8 | 1363.1 | 1363.2 | 1363.5 | 1363.7 | 1364.0 | 1364.2 | 1366.0 | 1367.8 | 1369.7 | 1371.5 |
| 172.5° | 1370.0 | 1369.3 | 1369.4 | 1369.7 | 1369.9 | 1370.2 | 1370.4 | 1372.2 | 1374.0 | 1375.9 | 1377.7 |
| 175°   | 1374.2 | 1373.5 | 1373.6 | 1373.8 | 1374.1 | 1374.3 | 1374.5 | 1376.6 | 1378.6 | 1380.7 | 1382.8 |
| 177.5° | 1376.3 | 1375.5 | 1375.7 | 1376.2 | 1376.7 | 1377.1 | 1377.6 | 1379.4 | 1381.3 | 1383.1 | 1385.0 |
| 180°   | 1379.7 | 1379.7 | 1379.7 | 1379.7 | 1379.7 | 1379.7 | 1379.7 | 1379.7 | 1379.7 | 1379.7 | 1379.7 |

TEST NUMBER: P1033042

CATALOG NUMBER: S124RDIW-B795D1050UB2750-4F0-XX-W2A-A\_3500K

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°   | 255°   | 260°   | 265°   | 270°   | 275°   | 280°   | 285°   | 290°   | 292.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1332.7 | 1332.7 | 1332.7 | 1332.7 | 1332.7 | 1332.7 | 1332.7 | 1332.7 | 1332.7 | 1332.7 | 1332.7 |
| 2.5°   | 1259.7 | 1264.0 | 1258.6 | 1261.9 | 1254.3 | 1253.3 | 1254.3 | 1254.3 | 1255.4 | 1256.5 | 1257.6 |
| 5°     | 1188.8 | 1187.8 | 1181.3 | 1177.0 | 1173.8 | 1177.0 | 1179.2 | 1181.3 | 1179.2 | 1181.3 | 1182.4 |
| 7.5°   | 1122.2 | 1119.0 | 1115.8 | 1108.3 | 1110.4 | 1108.3 | 1114.7 | 1111.5 | 1111.5 | 1116.9 | 1121.2 |
| 10°    | 1063.2 | 1056.7 | 1054.6 | 1046.0 | 1039.6 | 1038.5 | 1046.0 | 1049.2 | 1052.4 | 1054.6 | 1063.2 |
| 12.5°  | 986.9  | 977.3  | 969.8  | 973.0  | 954.7  | 962.2  | 964.4  | 960.1  | 973.0  | 988.0  | 979.4  |
| 15°    | 905.3  | 906.4  | 891.4  | 886.0  | 870.9  | 875.2  | 876.3  | 887.1  | 897.8  | 896.7  | 909.6  |
| 17.5°  | 845.2  | 838.7  | 825.8  | 824.8  | 818.3  | 821.5  | 820.5  | 829.1  | 825.8  | 831.2  | 842.0  |
| 20°    | 789.3  | 785.0  | 774.3  | 770.0  | 772.1  | 770.0  | 771.1  | 772.1  | 775.4  | 787.2  | 785.0  |
| 22.5°  | 745.3  | 739.9  | 739.9  | 734.6  | 728.1  | 726.0  | 731.3  | 734.6  | 738.9  | 741.0  | 746.4  |
| 25°    | 706.6  | 702.3  | 697.0  | 693.8  | 688.4  | 689.5  | 692.7  | 697.0  | 700.2  | 704.5  | 708.8  |
| 27.5°  | 666.9  | 666.9  | 661.5  | 660.5  | 658.3  | 657.2  | 661.5  | 663.7  | 663.7  | 666.9  | 671.2  |
| 30°    | 635.8  | 635.8  | 630.4  | 629.3  | 628.2  | 628.2  | 631.5  | 632.5  | 633.6  | 636.8  | 639.0  |
| 32.5°  | 605.7  | 604.6  | 602.5  | 603.5  | 602.5  | 603.5  | 603.5  | 604.6  | 606.8  | 607.8  | 612.1  |
| 35°    | 577.8  | 578.8  | 576.7  | 576.7  | 575.6  | 576.7  | 578.8  | 579.9  | 581.0  | 583.1  | 583.1  |
| 37.5°  | 550.9  | 553.1  | 552.0  | 555.2  | 555.2  | 555.2  | 555.2  | 557.4  | 557.4  | 557.4  | 556.3  |
| 40°    | 527.3  | 527.3  | 526.2  | 528.4  | 530.5  | 530.5  | 531.6  | 531.6  | 532.7  | 532.7  | 531.6  |
| 42.5°  | 500.4  | 502.6  | 505.8  | 506.9  | 509.0  | 508.0  | 511.2  | 510.1  | 511.2  | 509.0  | 506.9  |
| 45°    | 475.7  | 475.7  | 480.0  | 484.3  | 485.4  | 485.4  | 485.4  | 487.6  | 485.4  | 482.2  | 481.1  |
| 47.5°  | 448.9  | 451.0  | 453.2  | 458.6  | 459.6  | 459.6  | 459.6  | 459.6  | 457.5  | 457.5  | 457.5  |
| 50°    | 422.1  | 423.1  | 424.2  | 426.3  | 429.6  | 428.5  | 428.5  | 428.5  | 432.8  | 428.5  | 429.6  |
| 52.5°  | 389.8  | 390.9  | 392.0  | 396.3  | 395.2  | 395.2  | 396.3  | 396.3  | 399.5  | 398.4  | 396.3  |
| 55°    | 357.6  | 357.6  | 359.8  | 359.8  | 359.8  | 361.9  | 363.0  | 365.1  | 364.1  | 365.1  | 366.2  |
| 57.5°  | 325.4  | 323.3  | 322.2  | 322.2  | 325.4  | 324.3  | 325.4  | 325.4  | 329.7  | 331.8  | 332.9  |
| 60°    | 287.8  | 287.8  | 286.7  | 280.3  | 280.3  | 279.2  | 282.4  | 284.6  | 286.7  | 296.4  | 295.3  |
| 62.5°  | 249.1  | 244.9  | 240.6  | 241.6  | 235.2  | 238.4  | 236.3  | 238.4  | 244.9  | 252.4  | 253.4  |
| 65°    | 210.5  | 207.3  | 203.0  | 201.9  | 199.7  | 203.0  | 201.9  | 203.0  | 206.2  | 210.5  | 215.9  |
| 67.5°  | 176.1  | 175.0  | 172.9  | 171.8  | 171.8  | 171.8  | 174.0  | 174.0  | 175.0  | 178.3  | 181.5  |
| 70°    | 150.3  | 149.3  | 150.3  | 148.2  | 149.3  | 148.2  | 149.3  | 150.3  | 151.4  | 152.5  | 155.7  |
| 72.5°  | 126.7  | 126.7  | 126.7  | 124.6  | 126.7  | 125.6  | 125.6  | 126.7  | 127.8  | 128.9  | 131.0  |
| 75°    | 100.9  | 98.8   | 96.7   | 94.5   | 93.4   | 95.6   | 96.7   | 95.6   | 98.8   | 103.1  | 103.1  |
| 77.5°  | 76.2   | 75.2   | 75.2   | 75.2   | 76.2   | 75.2   | 77.3   | 76.2   | 77.3   | 77.3   | 79.5   |
| 80°    | 59.1   | 58.0   | 59.1   | 59.1   | 58.0   | 60.1   | 59.1   | 59.1   | 60.1   | 61.2   | 60.1   |
| 82.5°  | 43.0   | 44.0   | 43.0   | 43.0   | 43.0   | 45.1   | 43.0   | 43.0   | 43.0   | 44.0   | 44.0   |
| 85°    | 26.8   | 26.8   | 26.8   | 26.8   | 27.9   | 26.8   | 27.9   | 26.8   | 29.0   | 27.9   | 27.9   |
| 87.5°  | 9.7    | 10.7   | 11.8   | 11.8   | 11.8   | 11.8   | 10.7   | 11.8   | 12.9   | 11.8   | 12.9   |
| 90°    | 28.9   | 29.1   | 29.6   | 30.1   | 30.5   | 31.0   | 30.5   | 30.1   | 29.6   | 29.1   | 28.9   |
| 92.5°  | 27.9   | 27.9   | 27.9   | 27.9   | 27.9   | 27.9   | 27.9   | 27.9   | 27.9   | 27.9   | 27.9   |
| 95°    | 28.9   | 29.0   | 29.2   | 29.5   | 29.7   | 29.9   | 29.7   | 29.5   | 29.2   | 29.0   | 28.9   |
| 97.5°  | 27.9   | 28.0   | 28.2   | 28.5   | 28.7   | 28.9   | 28.7   | 28.5   | 28.2   | 28.0   | 27.9   |
| 100°   | 27.9   | 28.0   | 28.2   | 28.5   | 28.7   | 28.9   | 28.7   | 28.5   | 28.2   | 28.0   | 27.9   |
| 102.5° | 29.9   | 29.9   | 29.9   | 29.9   | 29.9   | 29.9   | 29.9   | 29.9   | 29.9   | 29.9   | 29.9   |
| 105°   | 331.2  | 327.1  | 318.8  | 310.6  | 302.3  | 294.1  | 302.3  | 310.6  | 318.8  | 327.1  | 331.2  |
| 107.5° | 393.2  | 393.7  | 394.6  | 395.5  | 396.4  | 397.3  | 396.4  | 395.5  | 394.6  | 393.7  | 393.2  |
| 110°   | 457.1  | 457.4  | 458.1  | 458.8  | 459.5  | 460.2  | 459.5  | 458.8  | 458.1  | 457.4  | 457.1  |

TEST NUMBER: P1033042

CATALOG NUMBER: S124RDIW-B795D1050UB2750-4F0-XX-W2A-A\_3500K

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°   | 255°   | 260°   | 265°   | 270°   | 275°   | 280°   | 285°   | 290°   | 292.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 519.0  | 519.5  | 520.4  | 521.3  | 522.3  | 523.2  | 522.3  | 521.3  | 520.4  | 519.5  | 519.0  |
| 115°   | 584.1  | 584.1  | 584.1  | 584.1  | 584.1  | 584.1  | 584.1  | 584.1  | 584.1  | 584.1  | 584.1  |
| 117.5° | 647.0  | 647.0  | 647.0  | 647.0  | 647.0  | 647.0  | 647.0  | 647.0  | 647.0  | 647.0  | 647.0  |
| 120°   | 707.9  | 707.7  | 707.2  | 706.7  | 706.3  | 705.8  | 706.3  | 706.7  | 707.2  | 707.7  | 707.9  |
| 122.5° | 765.7  | 765.5  | 765.0  | 764.5  | 764.1  | 763.6  | 764.1  | 764.5  | 765.0  | 765.5  | 765.7  |
| 125°   | 820.4  | 820.5  | 820.7  | 821.0  | 821.2  | 821.4  | 821.2  | 821.0  | 820.7  | 820.5  | 820.4  |
| 127.5° | 873.0  | 872.9  | 872.7  | 872.4  | 872.2  | 872.0  | 872.2  | 872.4  | 872.7  | 872.9  | 873.0  |
| 130°   | 923.6  | 923.6  | 923.6  | 923.6  | 923.6  | 923.6  | 923.6  | 923.6  | 923.6  | 923.6  | 923.6  |
| 132.5° | 972.1  | 972.0  | 971.7  | 971.5  | 971.2  | 971.0  | 971.2  | 971.5  | 971.7  | 972.0  | 972.1  |
| 135°   | 1016.4 | 1016.6 | 1017.1 | 1017.6 | 1018.0 | 1018.5 | 1018.0 | 1017.6 | 1017.1 | 1016.6 | 1016.4 |
| 137.5° | 1059.8 | 1059.7 | 1059.4 | 1059.2 | 1058.9 | 1058.7 | 1058.9 | 1059.2 | 1059.4 | 1059.7 | 1059.8 |
| 140°   | 1100.0 | 1100.1 | 1100.3 | 1100.6 | 1100.8 | 1101.0 | 1100.8 | 1100.6 | 1100.3 | 1100.1 | 1100.0 |
| 142.5° | 1136.1 | 1136.1 | 1136.1 | 1136.1 | 1136.1 | 1136.1 | 1136.1 | 1136.1 | 1136.1 | 1136.1 | 1136.1 |
| 145°   | 1170.2 | 1170.4 | 1170.9 | 1171.3 | 1171.8 | 1172.2 | 1171.8 | 1171.3 | 1170.9 | 1170.4 | 1170.2 |
| 147.5° | 1201.1 | 1201.2 | 1201.5 | 1201.7 | 1202.0 | 1202.2 | 1202.0 | 1201.7 | 1201.5 | 1201.2 | 1201.1 |
| 150°   | 1230.0 | 1230.1 | 1230.4 | 1230.6 | 1230.9 | 1231.1 | 1230.9 | 1230.6 | 1230.4 | 1230.1 | 1230.0 |
| 152.5° | 1256.9 | 1256.8 | 1256.5 | 1256.3 | 1256.0 | 1255.8 | 1256.0 | 1256.3 | 1256.5 | 1256.8 | 1256.9 |
| 155°   | 1280.6 | 1280.3 | 1279.6 | 1278.9 | 1278.2 | 1277.5 | 1278.2 | 1278.9 | 1279.6 | 1280.3 | 1280.6 |
| 157.5° | 1301.2 | 1300.6 | 1299.5 | 1298.4 | 1297.2 | 1296.1 | 1297.2 | 1298.4 | 1299.5 | 1300.6 | 1301.2 |
| 160°   | 1320.8 | 1320.1 | 1318.7 | 1317.4 | 1316.0 | 1314.6 | 1316.0 | 1317.4 | 1318.7 | 1320.1 | 1320.8 |
| 162.5° | 1336.3 | 1335.5 | 1333.9 | 1332.3 | 1330.7 | 1329.1 | 1330.7 | 1332.3 | 1333.9 | 1335.5 | 1336.3 |
| 165°   | 1351.8 | 1350.8 | 1348.7 | 1346.6 | 1344.6 | 1342.5 | 1344.6 | 1346.6 | 1348.7 | 1350.8 | 1351.8 |
| 167.5° | 1363.1 | 1362.0 | 1359.7 | 1357.4 | 1355.1 | 1352.8 | 1355.1 | 1357.4 | 1359.7 | 1362.0 | 1363.1 |
| 170°   | 1372.4 | 1371.3 | 1369.0 | 1366.7 | 1364.4 | 1362.1 | 1364.4 | 1366.7 | 1369.0 | 1371.3 | 1372.4 |
| 172.5° | 1378.6 | 1377.3 | 1374.8 | 1372.3 | 1369.8 | 1367.3 | 1369.8 | 1372.3 | 1374.8 | 1377.3 | 1378.6 |
| 175°   | 1383.8 | 1382.4 | 1379.7 | 1376.9 | 1374.2 | 1371.4 | 1374.2 | 1376.9 | 1379.7 | 1382.4 | 1383.8 |
| 177.5° | 1385.9 | 1384.5 | 1381.8 | 1379.0 | 1376.3 | 1373.5 | 1376.3 | 1379.0 | 1381.8 | 1384.5 | 1385.9 |
| 180°   | 1379.7 | 1379.7 | 1379.7 | 1379.7 | 1379.7 | 1379.7 | 1379.7 | 1379.7 | 1379.7 | 1379.7 | 1379.7 |

TEST NUMBER: P1033042

CATALOG NUMBER: S124RDIW-B795D1050UB2750-4F0-XX-W2A-A\_3500K

**CANDELA DISTRIBUTION (continued):**

|        | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   | 330°   | 335°   | 337.5° | 340°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1332.7 | 1332.7 | 1332.7 | 1332.7 | 1332.7 | 1332.7 | 1332.7 | 1332.7 | 1332.7 | 1332.7 | 1332.7 |
| 2.5°   | 1261.9 | 1267.2 | 1265.1 | 1257.6 | 1260.8 | 1267.2 | 1273.7 | 1282.3 | 1287.6 | 1291.9 | 1294.1 |
| 5°     | 1187.8 | 1197.4 | 1195.3 | 1195.3 | 1199.6 | 1210.3 | 1221.0 | 1239.3 | 1245.7 | 1253.3 | 1264.0 |
| 7.5°   | 1122.2 | 1129.8 | 1136.2 | 1138.4 | 1144.8 | 1158.8 | 1172.7 | 1193.1 | 1209.2 | 1217.8 | 1224.3 |
| 10°    | 1064.3 | 1069.6 | 1079.3 | 1084.7 | 1091.1 | 1108.3 | 1128.7 | 1150.2 | 1166.3 | 1181.3 | 1189.9 |
| 12.5°  | 990.2  | 1011.6 | 1024.5 | 1033.1 | 1041.7 | 1067.5 | 1083.6 | 1107.2 | 1126.5 | 1140.5 | 1153.4 |
| 15°    | 907.5  | 933.2  | 940.8  | 974.0  | 995.5  | 1015.9 | 1040.6 | 1068.6 | 1086.8 | 1102.9 | 1120.1 |
| 17.5°  | 837.7  | 855.9  | 864.5  | 899.9  | 918.2  | 950.4  | 985.9  | 1021.3 | 1049.2 | 1061.0 | 1078.2 |
| 20°    | 793.6  | 803.3  | 820.5  | 832.3  | 851.6  | 889.2  | 927.9  | 970.8  | 1012.7 | 1024.5 | 1041.7 |
| 22.5°  | 748.5  | 761.4  | 773.2  | 789.3  | 804.4  | 830.1  | 868.8  | 916.1  | 961.2  | 982.6  | 1003.0 |
| 25°    | 707.7  | 720.6  | 728.1  | 745.3  | 759.3  | 785.0  | 811.9  | 860.2  | 913.9  | 932.2  | 964.4  |
| 27.5°  | 675.5  | 683.0  | 695.9  | 703.4  | 719.5  | 743.2  | 767.9  | 804.4  | 857.0  | 888.1  | 919.3  |
| 30°    | 643.3  | 648.6  | 659.4  | 670.1  | 681.9  | 698.0  | 726.0  | 761.4  | 809.7  | 836.6  | 867.7  |
| 32.5°  | 611.1  | 619.7  | 626.1  | 633.6  | 646.5  | 665.8  | 685.2  | 719.5  | 758.2  | 788.3  | 819.4  |
| 35°    | 584.2  | 587.4  | 596.0  | 604.6  | 613.2  | 630.4  | 650.8  | 684.1  | 718.5  | 742.1  | 770.0  |
| 37.5°  | 555.2  | 560.6  | 567.0  | 570.3  | 584.2  | 595.0  | 616.4  | 642.2  | 683.0  | 698.0  | 726.0  |
| 40°    | 532.7  | 531.6  | 538.0  | 543.4  | 549.8  | 567.0  | 579.9  | 607.8  | 640.1  | 663.7  | 680.9  |
| 42.5°  | 504.7  | 504.7  | 506.9  | 513.3  | 521.9  | 532.7  | 547.7  | 571.3  | 604.6  | 621.8  | 642.2  |
| 45°    | 482.2  | 479.0  | 480.0  | 484.3  | 489.7  | 500.4  | 515.5  | 535.9  | 569.2  | 583.1  | 604.6  |
| 47.5°  | 455.3  | 452.1  | 452.1  | 456.4  | 460.7  | 468.2  | 480.0  | 503.7  | 530.5  | 548.8  | 564.9  |
| 50°    | 425.3  | 426.3  | 425.3  | 428.5  | 430.6  | 438.2  | 451.0  | 470.4  | 495.1  | 510.1  | 528.4  |
| 52.5°  | 397.4  | 395.2  | 394.1  | 396.3  | 400.6  | 405.9  | 419.9  | 437.1  | 460.7  | 475.7  | 491.9  |
| 55°    | 363.0  | 365.1  | 365.1  | 365.1  | 371.6  | 373.7  | 384.5  | 401.6  | 425.3  | 437.1  | 452.1  |
| 57.5°  | 331.8  | 330.8  | 332.9  | 331.8  | 337.2  | 344.7  | 353.3  | 366.2  | 389.8  | 401.6  | 415.6  |
| 60°    | 297.5  | 298.6  | 299.6  | 299.6  | 303.9  | 311.4  | 321.1  | 332.9  | 352.2  | 364.1  | 376.9  |
| 62.5°  | 255.6  | 261.0  | 266.3  | 268.5  | 274.9  | 280.3  | 286.7  | 299.6  | 316.8  | 325.4  | 337.2  |
| 65°    | 215.9  | 223.4  | 230.9  | 236.3  | 240.6  | 245.9  | 254.5  | 266.3  | 280.3  | 288.9  | 300.7  |
| 67.5°  | 181.5  | 186.9  | 196.5  | 201.9  | 210.5  | 216.9  | 222.3  | 232.0  | 249.1  | 252.4  | 262.0  |
| 70°    | 156.8  | 158.9  | 163.2  | 167.5  | 177.2  | 182.6  | 189.0  | 198.7  | 211.6  | 219.1  | 224.4  |
| 72.5°  | 132.1  | 133.2  | 135.3  | 139.6  | 143.9  | 150.3  | 157.9  | 166.5  | 178.3  | 181.5  | 189.0  |
| 75°    | 105.2  | 111.7  | 111.7  | 114.9  | 118.1  | 121.4  | 127.8  | 136.4  | 143.9  | 149.3  | 153.6  |
| 77.5°  | 78.4   | 81.6   | 83.8   | 89.1   | 93.4   | 96.7   | 100.9  | 107.4  | 111.7  | 116.0  | 119.2  |
| 80°    | 61.2   | 62.3   | 63.4   | 63.4   | 65.5   | 69.8   | 74.1   | 78.4   | 83.8   | 85.9   | 89.1   |
| 82.5°  | 45.1   | 45.1   | 45.1   | 47.3   | 48.3   | 49.4   | 49.4   | 51.5   | 56.9   | 59.1   | 62.3   |
| 85°    | 29.0   | 29.0   | 29.0   | 29.0   | 30.1   | 31.1   | 32.2   | 33.3   | 33.3   | 33.3   | 35.4   |
| 87.5°  | 11.8   | 14.0   | 12.9   | 14.0   | 14.0   | 14.0   | 14.0   | 15.0   | 15.0   | 16.1   | 16.1   |
| 90°    | 28.2   | 26.8   | 25.5   | 24.1   | 22.7   | 20.9   | 19.0   | 17.2   | 15.3   | 14.4   | 13.1   |
| 92.5°  | 27.2   | 25.8   | 24.5   | 23.1   | 21.7   | 19.9   | 18.0   | 16.2   | 14.3   | 13.4   | 13.6   |
| 95°    | 28.2   | 26.8   | 25.5   | 24.1   | 22.7   | 22.5   | 22.3   | 22.0   | 21.8   | 21.7   | 25.6   |
| 97.5°  | 27.3   | 26.2   | 25.0   | 23.9   | 22.7   | 46.8   | 70.9   | 95.0   | 119.1  | 131.1  | 128.6  |
| 100°   | 29.8   | 33.7   | 37.6   | 41.5   | 45.4   | 77.0   | 108.7  | 140.3  | 172.0  | 187.8  | 185.7  |
| 102.5° | 55.7   | 107.3  | 158.9  | 210.5  | 262.1  | 259.3  | 256.6  | 253.8  | 251.1  | 249.7  | 248.3  |
| 105°   | 330.2  | 328.1  | 326.1  | 324.0  | 322.0  | 320.8  | 319.7  | 318.5  | 317.4  | 316.8  | 316.1  |
| 107.5° | 392.6  | 391.5  | 390.3  | 389.2  | 388.0  | 386.4  | 384.8  | 383.2  | 381.6  | 380.8  | 380.5  |
| 110°   | 456.9  | 456.4  | 456.0  | 455.5  | 455.1  | 453.7  | 452.3  | 451.0  | 449.6  | 448.9  | 448.6  |

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CATALOG NUMBER: S124RDIW-B795D1050UB2750-4F0-XX-W2A-A\_3500K

**CANDELA DISTRIBUTION (continued):**

|        | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   | 330°   | 335°   | 337.5° | 340°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 519.1  | 519.4  | 519.6  | 519.9  | 520.1  | 519.6  | 519.2  | 518.7  | 518.2  | 518.0  | 517.3  |
| 115°   | 583.9  | 583.4  | 582.9  | 582.5  | 582.0  | 582.2  | 582.4  | 582.7  | 582.9  | 583.0  | 582.7  |
| 117.5° | 647.1  | 647.3  | 647.6  | 647.8  | 648.0  | 647.3  | 646.6  | 645.9  | 645.2  | 644.9  | 644.4  |
| 120°   | 707.7  | 707.2  | 706.7  | 706.3  | 705.8  | 706.0  | 706.3  | 706.5  | 706.8  | 706.9  | 706.4  |
| 122.5° | 765.6  | 765.3  | 765.1  | 764.8  | 764.6  | 764.2  | 763.7  | 763.3  | 762.8  | 762.6  | 762.4  |
| 125°   | 820.1  | 819.4  | 818.7  | 818.0  | 817.3  | 817.7  | 818.2  | 818.6  | 819.1  | 819.3  | 818.8  |
| 127.5° | 873.1  | 873.3  | 873.6  | 873.8  | 874.0  | 872.9  | 871.7  | 870.6  | 869.5  | 868.9  | 868.8  |
| 130°   | 923.5  | 923.2  | 923.0  | 922.7  | 922.5  | 921.8  | 921.1  | 920.4  | 919.7  | 919.4  | 919.3  |
| 132.5° | 972.0  | 971.7  | 971.5  | 971.2  | 971.0  | 970.1  | 969.2  | 968.3  | 967.4  | 966.9  | 966.7  |
| 135°   | 1016.2 | 1015.7 | 1015.3 | 1014.8 | 1014.4 | 1013.5 | 1012.5 | 1011.6 | 1010.7 | 1010.2 | 1010.3 |
| 137.5° | 1059.6 | 1059.1 | 1058.6 | 1058.2 | 1057.7 | 1056.5 | 1055.4 | 1054.2 | 1053.1 | 1052.5 | 1052.5 |
| 140°   | 1099.7 | 1099.0 | 1098.3 | 1097.6 | 1096.9 | 1096.5 | 1096.0 | 1095.6 | 1095.1 | 1094.9 | 1094.7 |
| 142.5° | 1135.9 | 1135.4 | 1135.0 | 1134.5 | 1134.1 | 1133.9 | 1133.6 | 1133.4 | 1133.1 | 1133.0 | 1132.5 |
| 145°   | 1170.1 | 1169.8 | 1169.6 | 1169.3 | 1169.1 | 1169.1 | 1169.1 | 1169.1 | 1169.1 | 1169.1 | 1168.8 |
| 147.5° | 1201.0 | 1200.8 | 1200.5 | 1200.3 | 1200.1 | 1200.3 | 1200.5 | 1200.8 | 1201.0 | 1201.1 | 1200.4 |
| 150°   | 1230.0 | 1230.0 | 1230.0 | 1230.0 | 1230.0 | 1230.2 | 1230.5 | 1230.7 | 1231.0 | 1231.1 | 1230.6 |
| 152.5° | 1256.7 | 1256.2 | 1255.7 | 1255.3 | 1254.8 | 1255.3 | 1255.7 | 1256.2 | 1256.7 | 1256.9 | 1256.6 |
| 155°   | 1280.1 | 1279.2 | 1278.3 | 1277.4 | 1276.5 | 1277.2 | 1277.9 | 1278.6 | 1279.3 | 1279.6 | 1279.5 |
| 157.5° | 1300.6 | 1299.5 | 1298.4 | 1297.2 | 1296.1 | 1297.0 | 1297.9 | 1298.8 | 1299.7 | 1300.2 | 1300.2 |
| 160°   | 1320.1 | 1318.7 | 1317.4 | 1316.0 | 1314.6 | 1314.8 | 1315.1 | 1315.3 | 1315.6 | 1315.7 | 1316.0 |
| 162.5° | 1335.6 | 1334.2 | 1332.9 | 1331.5 | 1330.1 | 1330.3 | 1330.6 | 1330.8 | 1331.1 | 1331.2 | 1331.7 |
| 165°   | 1350.9 | 1349.0 | 1347.2 | 1345.3 | 1343.5 | 1343.5 | 1343.5 | 1343.5 | 1343.5 | 1343.5 | 1344.1 |
| 167.5° | 1362.1 | 1360.0 | 1358.0 | 1355.9 | 1353.9 | 1354.1 | 1354.3 | 1354.6 | 1354.8 | 1354.9 | 1355.5 |
| 170°   | 1371.5 | 1369.7 | 1367.8 | 1366.0 | 1364.2 | 1364.0 | 1363.7 | 1363.5 | 1363.2 | 1363.1 | 1363.8 |
| 172.5° | 1377.7 | 1375.9 | 1374.0 | 1372.2 | 1370.4 | 1370.2 | 1369.9 | 1369.7 | 1369.4 | 1369.3 | 1370.0 |
| 175°   | 1382.8 | 1380.7 | 1378.6 | 1376.6 | 1374.5 | 1374.3 | 1374.1 | 1373.8 | 1373.6 | 1373.5 | 1374.2 |
| 177.5° | 1385.0 | 1383.1 | 1381.3 | 1379.4 | 1377.6 | 1377.1 | 1376.7 | 1376.2 | 1375.7 | 1375.5 | 1376.3 |
| 180°   | 1379.7 | 1379.7 | 1379.7 | 1379.7 | 1379.7 | 1379.7 | 1379.7 | 1379.7 | 1379.7 | 1379.7 | 1379.7 |

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CATALOG NUMBER: S124RDIW-B795D1050UB2750-4F0-XX-W2A-A\_3500K

**CANDELA DISTRIBUTION (continued):**

|        | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|
| 0°     | 1332.7 | 1332.7 | 1332.7 | 1332.7 |
| 2.5°   | 1302.7 | 1309.1 | 1319.8 | 1334.9 |
| 5°     | 1272.6 | 1290.9 | 1308.0 | 1330.6 |
| 7.5°   | 1245.7 | 1267.2 | 1290.9 | 1323.1 |
| 10°    | 1214.6 | 1241.5 | 1271.5 | 1311.3 |
| 12.5°  | 1178.1 | 1215.7 | 1250.0 | 1293.0 |
| 15°    | 1151.2 | 1179.2 | 1223.2 | 1273.7 |
| 17.5°  | 1113.7 | 1151.2 | 1195.3 | 1252.2 |
| 20°    | 1078.2 | 1118.0 | 1167.4 | 1226.4 |
| 22.5°  | 1040.6 | 1085.7 | 1135.1 | 1198.5 |
| 25°    | 1002.0 | 1050.3 | 1099.7 | 1167.4 |
| 27.5°  | 966.5  | 1010.6 | 1066.4 | 1135.1 |
| 30°    | 923.6  | 974.0  | 1027.7 | 1099.7 |
| 32.5°  | 881.7  | 934.3  | 989.1  | 1061.0 |
| 35°    | 836.6  | 889.2  | 949.3  | 1018.1 |
| 37.5°  | 792.6  | 850.5  | 905.3  | 971.9  |
| 40°    | 744.2  | 804.4  | 861.3  | 928.9  |
| 42.5°  | 697.0  | 759.3  | 816.2  | 874.2  |
| 45°    | 652.9  | 714.2  | 765.7  | 820.5  |
| 47.5°  | 611.1  | 665.8  | 718.5  | 767.9  |
| 50°    | 570.3  | 616.4  | 664.8  | 705.6  |
| 52.5°  | 527.3  | 571.3  | 610.0  | 646.5  |
| 55°    | 488.6  | 523.0  | 557.4  | 590.7  |
| 57.5°  | 442.5  | 476.8  | 506.9  | 532.7  |
| 60°    | 403.8  | 425.3  | 454.3  | 481.1  |
| 62.5°  | 359.8  | 384.5  | 407.0  | 424.2  |
| 65°    | 316.8  | 338.3  | 355.5  | 370.5  |
| 67.5°  | 280.3  | 293.2  | 306.1  | 322.2  |
| 70°    | 236.3  | 247.0  | 262.0  | 273.8  |
| 72.5°  | 198.7  | 207.3  | 214.8  | 228.7  |
| 75°    | 161.1  | 168.6  | 172.9  | 185.8  |
| 77.5°  | 124.6  | 132.1  | 135.3  | 142.8  |
| 80°    | 95.6   | 96.7   | 100.9  | 107.4  |
| 82.5°  | 65.5   | 67.7   | 68.7   | 74.1   |
| 85°    | 37.6   | 43.0   | 41.9   | 44.0   |
| 87.5°  | 16.1   | 17.2   | 19.3   | 21.5   |
| 90°    | 10.6   | 8.1    | 5.6    | 3.1    |
| 92.5°  | 14.1   | 14.6   | 15.0   | 15.5   |
| 95°    | 33.4   | 41.2   | 49.0   | 56.8   |
| 97.5°  | 123.5  | 118.5  | 113.4  | 108.4  |
| 100°   | 181.6  | 177.5  | 173.3  | 169.2  |
| 102.5° | 245.6  | 242.8  | 240.1  | 237.3  |
| 105°   | 314.7  | 313.4  | 312.0  | 310.6  |
| 107.5° | 379.8  | 379.1  | 378.4  | 377.7  |
| 110°   | 447.9  | 447.2  | 446.5  | 445.8  |

TEST NUMBER: P1033042

CATALOG NUMBER: S124RDIW-B795D1050UB2750-4F0-XX-W2A-A\_3500K

**CANDELA DISTRIBUTION (continued):**

|        | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|
| 112.5° | 515.9  | 514.6  | 513.2  | 511.8  |
| 115°   | 582.0  | 581.3  | 580.6  | 579.9  |
| 117.5° | 643.5  | 642.6  | 641.7  | 640.8  |
| 120°   | 705.5  | 704.6  | 703.6  | 702.7  |
| 122.5° | 761.9  | 761.4  | 761.0  | 760.5  |
| 125°   | 817.9  | 817.0  | 816.1  | 815.2  |
| 127.5° | 868.5  | 868.3  | 868.0  | 867.8  |
| 130°   | 919.1  | 918.8  | 918.6  | 918.4  |
| 132.5° | 966.2  | 965.7  | 965.3  | 964.8  |
| 135°   | 1010.6 | 1010.8 | 1011.1 | 1011.3 |
| 137.5° | 1052.5 | 1052.5 | 1052.5 | 1052.5 |
| 140°   | 1094.2 | 1093.7 | 1093.3 | 1092.8 |
| 142.5° | 1131.6 | 1130.7 | 1129.8 | 1128.9 |
| 145°   | 1168.1 | 1167.4 | 1166.8 | 1166.1 |
| 147.5° | 1199.0 | 1197.7 | 1196.3 | 1194.9 |
| 150°   | 1229.7 | 1228.8 | 1227.8 | 1226.9 |
| 152.5° | 1255.9 | 1255.2 | 1254.5 | 1253.8 |
| 155°   | 1279.2 | 1279.0 | 1278.7 | 1278.5 |
| 157.5° | 1300.2 | 1300.2 | 1300.2 | 1300.2 |
| 160°   | 1316.7 | 1317.4 | 1318.1 | 1318.8 |
| 162.5° | 1332.6 | 1333.5 | 1334.4 | 1335.3 |
| 165°   | 1345.2 | 1346.4 | 1347.5 | 1348.7 |
| 167.5° | 1356.6 | 1357.8 | 1358.9 | 1360.1 |
| 170°   | 1365.2 | 1366.5 | 1367.9 | 1369.3 |
| 172.5° | 1371.4 | 1372.7 | 1374.1 | 1375.5 |
| 175°   | 1375.6 | 1376.9 | 1378.3 | 1379.7 |
| 177.5° | 1377.9 | 1379.6 | 1381.2 | 1382.8 |
| 180°   | 1379.7 | 1379.7 | 1379.7 | 1379.7 |

(END OF REPORT)