

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: P1013406

Luminaire Tested: S124RDIP-B795D1205UB2750-4F0-XX-W2A-A\_2700K

Issue Date: 5/6/2025

**Test Information**

Test Method: LM-79-2019  
Report Number: P1013406  
REPORT IS A COMBINATION OF REPORTS P999665 AND P1007351  
Test Lab: INNOVATION CENTER  
Issue Date: 5/6/2025  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: NEO-RAY  
Catalog Number: S124RDIP-B795D1205UB2750-4F0-XX-W2A-A\_2700K  
Description: Define 4 Regressed Direct/Indirect Pendant with 2700K BioUP LEDs {m-DER=0.473}  
{m-EER=0.52}  
Light Source: -  
Ballast/Driver: -

**Summary**

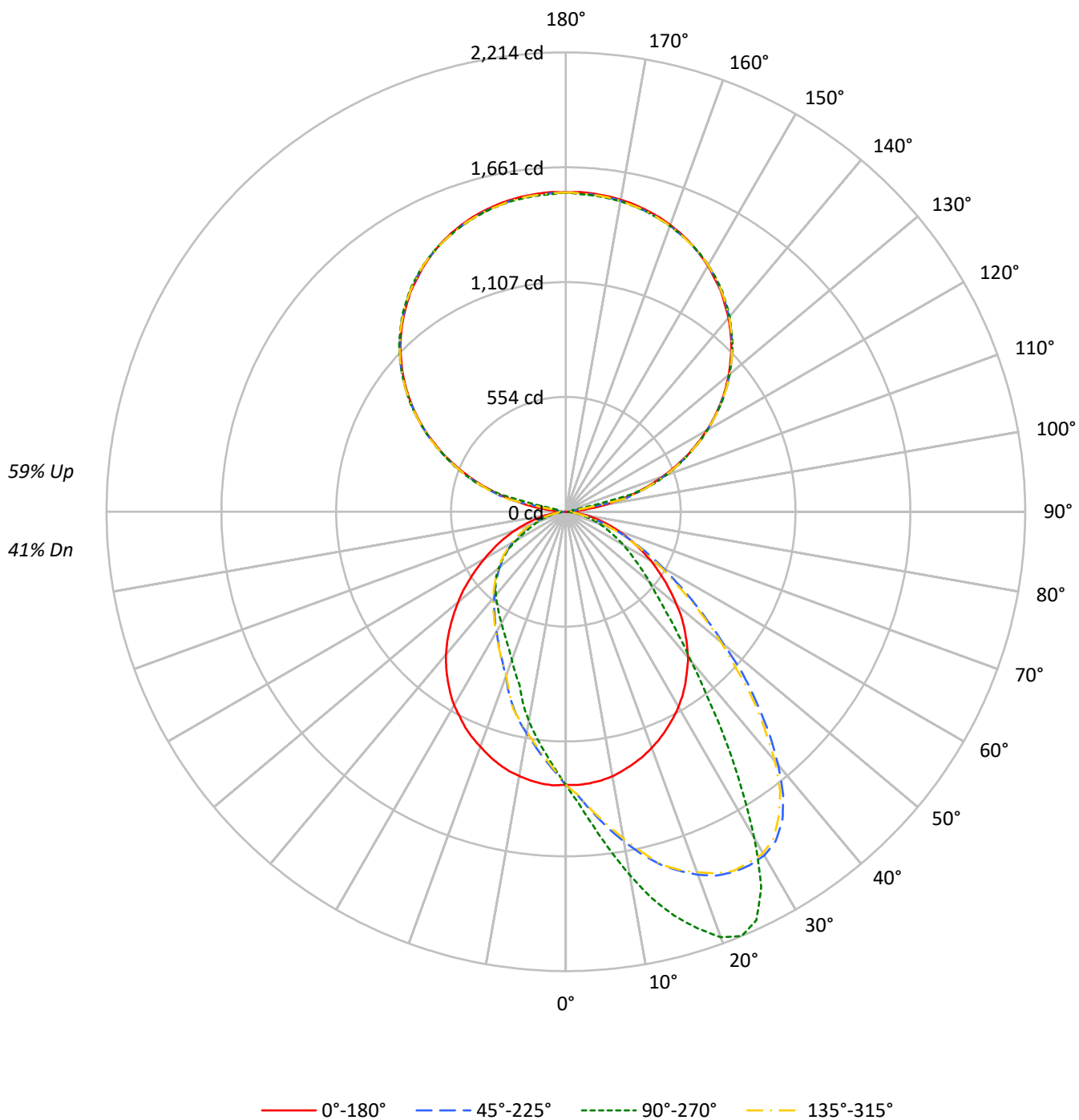
Lumens per Lamp: N/A  
Luminaire Lumens: 8092.0 lumens  
Efficiency: N/A  
Efficacy: 114.1 lumens/watt  
Spacing Criteria (0/90/45): 1.22 / 1.27 / 1.38  
Luminous Opening: Rectangular w/ Sides (W: 0.33' x L: 4' x H: 0.1')  
CIE Type: General Diffuse

Input Watts (W): 70.9  
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: 24 FT

TEST NUMBER: P1013406

CATALOG NUMBER: S124RDIP-B795D1205UB2750-4F0-XX-W2A-A\_2700K

### Luminous Intensity Polar Plot



TEST NUMBER: P1013406

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

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

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

|     | 0°    | 90°   | 180°  | 270°  |
|-----|-------|-------|-------|-------|
| 0°  | 10729 | 10729 | 10729 | 10729 |
| 5°  | 10729 | 12123 | 10746 | 9266  |
| 10° | 10672 | 13976 | 10664 | 8058  |
| 15° | 10545 | 15729 | 10545 | 6747  |
| 20° | 10412 | 17053 | 10357 | 5942  |
| 25° | 10250 | 17126 | 10203 | 5366  |
| 30° | 10077 | 14563 | 9999  | 4970  |
| 35° | 9833  | 10988 | 9709  | 4675  |
| 40° | 9562  | 7963  | 9374  | 4445  |
| 45° | 9113  | 6052  | 8887  | 4241  |
| 50° | 8581  | 4891  | 8346  | 3942  |
| 55° | 8004  | 4050  | 7742  | 3545  |
| 60° | 7425  | 3425  | 7094  | 2949  |
| 65° | 6699  | 2789  | 6485  | 2344  |
| 70° | 6033  | 2262  | 5747  | 1903  |
| 75° | 5285  | 1631  | 4919  | 1396  |
| 80° | 4360  | 1081  | 3969  | 1026  |
| 85° | 3165  | 555   | 2620  | 555   |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 35°

Vertical Angle: 45°

Luminance: 13432 cd/sqm

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 127.4  | 1.6       |
| 10°-20°   | 384.7  | 4.8       |
| 20°-30°   | 602.7  | 7.4       |
| 30°-40°   | 669.2  | 8.3       |
| 40°-50°   | 593.0  | 7.3       |
| 50°-60°   | 462.2  | 5.7       |
| 60°-70°   | 302.3  | 3.7       |
| 70°-80°   | 148.3  | 1.8       |
| 80°-90°   | 39.3   | 0.5       |
| 90°-100°  | 51.1   | 0.6       |
| 100°-110° | 336.5  | 4.2       |
| 110°-120° | 642.5  | 7.9       |
| 120°-130° | 815.7  | 10.1      |
| 130°-140° | 872.6  | 10.8      |
| 140°-150° | 815.9  | 10.1      |
| 150°-160° | 658.0  | 8.1       |
| 160°-170° | 424.3  | 5.2       |
| 170°-180° | 146.2  | 1.8       |
| 0°-30°    | 1114.8 | 13.8      |
| 0°-40°    | 1784.0 | 22.0      |
| 0°-60°    | 2839.2 | 35.1      |
| 0°-90°    | 3329.2 | 41.1      |
| 90°-120°  | 1030.1 | 12.7      |
| 90°-150°  | 3534.2 | 43.7      |
| 90°-180°  | 4763.0 | 58.9      |
| 0°-180°   | 8092.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°   | 90°  | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0°   | 1316 | 1316 | 1316 | 1316 | 1316 |      |
| 5°   | 1314 | 1520 | 1316 | 1162 | 1314 | 125  |
| 15°  | 1257 | 2014 | 1257 | 864  | 1257 | 355  |
| 25°  | 1152 | 2172 | 1147 | 681  | 1152 | 531  |
| 35°  | 1005 | 1338 | 992  | 569  | 1005 | 628  |
| 45°  | 810  | 684  | 790  | 479  | 810  | 625  |
| 55°  | 583  | 408  | 564  | 357  | 583  | 521  |
| 65°  | 366  | 238  | 354  | 200  | 366  | 365  |
| 75°  | 183  | 110  | 171  | 94   | 183  | 195  |
| 85°  | 44   | 26   | 36   | 26   | 44   | 49   |
| 90°  | 4    | 34   | 4    | 34   | 4    | 6    |
| 95°  | 63   | 33   | 63   | 33   | 63   | 78   |
| 105° | 346  | 328  | 346  | 328  | 346  | 363  |
| 115° | 647  | 652  | 647  | 652  | 647  | 637  |
| 125° | 910  | 916  | 910  | 916  | 910  | 812  |
| 135° | 1128 | 1136 | 1128 | 1136 | 1128 | 869  |
| 145° | 1301 | 1308 | 1301 | 1308 | 1301 | 813  |
| 155° | 1426 | 1425 | 1426 | 1425 | 1426 | 658  |
| 165° | 1505 | 1498 | 1505 | 1498 | 1505 | 425  |
| 175° | 1539 | 1530 | 1539 | 1530 | 1539 | 147  |
| 180° | 1539 | 1539 | 1539 | 1539 | 1539 |      |

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**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 22.5°  | 25°    | 30°    | 35°    | 40°    | 45°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1315.7 | 1315.7 | 1315.7 | 1315.7 | 1315.7 | 1315.7 | 1315.7 | 1315.7 | 1315.7 | 1315.7 | 1315.7 |
| 2.5°   | 1317.8 | 1329.5 | 1335.9 | 1341.2 | 1351.8 | 1356.0 | 1364.5 | 1366.6 | 1375.1 | 1374.0 | 1370.9 |
| 5°     | 1313.6 | 1333.7 | 1348.6 | 1364.5 | 1383.6 | 1394.2 | 1405.8 | 1422.8 | 1431.3 | 1443.0 | 1450.4 |
| 7.5°   | 1306.2 | 1333.7 | 1358.1 | 1382.5 | 1413.3 | 1430.2 | 1445.1 | 1471.6 | 1493.8 | 1512.9 | 1534.1 |
| 10°    | 1294.5 | 1329.5 | 1365.6 | 1398.4 | 1440.8 | 1461.0 | 1483.2 | 1522.5 | 1553.2 | 1579.7 | 1613.6 |
| 12.5°  | 1276.5 | 1325.3 | 1365.6 | 1410.1 | 1464.2 | 1491.7 | 1521.4 | 1568.1 | 1604.1 | 1647.6 | 1690.0 |
| 15°    | 1257.4 | 1311.5 | 1364.5 | 1422.8 | 1484.3 | 1516.1 | 1545.8 | 1608.3 | 1663.5 | 1713.3 | 1760.0 |
| 17.5°  | 1236.2 | 1295.6 | 1353.9 | 1418.6 | 1492.8 | 1532.0 | 1567.0 | 1642.3 | 1702.7 | 1767.4 | 1814.0 |
| 20°    | 1210.8 | 1275.4 | 1342.2 | 1414.3 | 1498.1 | 1541.6 | 1580.8 | 1666.7 | 1733.4 | 1803.4 | 1861.7 |
| 22.5°  | 1183.2 | 1253.2 | 1326.3 | 1404.8 | 1491.7 | 1539.4 | 1585.0 | 1677.3 | 1754.7 | 1819.3 | 1897.8 |
| 25°    | 1152.5 | 1226.7 | 1301.9 | 1384.6 | 1482.2 | 1534.1 | 1580.8 | 1672.0 | 1754.7 | 1839.5 | 1915.8 |
| 27.5°  | 1120.6 | 1197.0 | 1275.4 | 1362.4 | 1462.0 | 1512.9 | 1565.9 | 1653.9 | 1750.4 | 1842.7 | 1920.0 |
| 30°    | 1085.7 | 1159.9 | 1242.6 | 1325.3 | 1431.3 | 1482.2 | 1536.3 | 1631.7 | 1736.6 | 1828.9 | 1912.6 |
| 32.5°  | 1047.5 | 1123.8 | 1202.3 | 1288.2 | 1392.1 | 1447.2 | 1497.0 | 1605.2 | 1712.2 | 1803.4 | 1881.9 |
| 35°    | 1005.1 | 1077.2 | 1151.4 | 1239.4 | 1342.2 | 1392.1 | 1451.4 | 1563.8 | 1672.0 | 1768.4 | 1819.3 |
| 37.5°  | 959.5  | 1028.4 | 1097.3 | 1184.3 | 1282.9 | 1343.3 | 1401.6 | 1515.0 | 1629.5 | 1694.2 | 1720.7 |
| 40°    | 917.1  | 977.5  | 1037.9 | 1121.7 | 1221.4 | 1283.9 | 1343.3 | 1461.0 | 1561.7 | 1611.5 | 1591.4 |
| 42.5°  | 863.0  | 925.6  | 979.6  | 1057.0 | 1157.8 | 1216.1 | 1276.5 | 1398.4 | 1480.1 | 1500.2 | 1450.4 |
| 45°    | 810.0  | 862.0  | 913.9  | 989.2  | 1095.2 | 1145.0 | 1209.7 | 1323.1 | 1391.0 | 1373.0 | 1299.8 |
| 47.5°  | 758.1  | 800.5  | 849.2  | 922.4  | 1017.8 | 1077.2 | 1137.6 | 1236.2 | 1283.9 | 1258.5 | 1156.7 |
| 50°    | 696.6  | 739.0  | 789.9  | 853.5  | 945.7  | 1003.0 | 1050.7 | 1141.9 | 1177.9 | 1115.3 | 992.4  |
| 52.5°  | 638.2  | 675.4  | 718.8  | 778.2  | 866.2  | 918.1  | 970.1  | 1048.6 | 1060.2 | 988.1  | 858.8  |
| 55°    | 583.1  | 612.8  | 658.4  | 706.1  | 786.7  | 841.8  | 877.9  | 944.7  | 941.5  | 851.4  | 740.0  |
| 57.5°  | 525.9  | 553.4  | 584.2  | 634.0  | 710.3  | 751.7  | 790.9  | 849.2  | 818.5  | 742.1  | 631.9  |
| 60°    | 475.0  | 490.9  | 521.6  | 569.3  | 634.0  | 670.1  | 700.8  | 732.6  | 706.1  | 623.4  | 538.6  |
| 62.5°  | 418.8  | 436.8  | 459.1  | 497.2  | 554.5  | 588.4  | 610.7  | 624.5  | 596.9  | 533.3  | 455.9  |
| 65°    | 365.8  | 381.7  | 405.0  | 438.9  | 482.4  | 507.8  | 519.5  | 529.0  | 514.2  | 442.1  | 380.6  |
| 67.5°  | 318.1  | 328.7  | 349.9  | 372.1  | 418.8  | 425.1  | 441.0  | 445.3  | 415.6  | 360.5  | 311.7  |
| 70°    | 270.4  | 281.0  | 290.5  | 317.0  | 338.2  | 349.9  | 353.1  | 353.1  | 323.4  | 287.3  | 247.0  |
| 72.5°  | 225.8  | 232.2  | 241.7  | 259.8  | 271.4  | 279.9  | 284.1  | 278.8  | 251.3  | 221.6  | 191.9  |
| 75°    | 183.4  | 186.6  | 195.1  | 206.7  | 216.3  | 213.1  | 212.0  | 205.7  | 185.5  | 164.3  | 147.4  |
| 77.5°  | 141.0  | 143.1  | 152.7  | 155.9  | 155.9  | 159.0  | 154.8  | 148.4  | 131.5  | 115.6  | 108.1  |
| 80°    | 106.0  | 109.2  | 110.3  | 112.4  | 110.3  | 110.3  | 107.1  | 96.5   | 88.0   | 80.6   | 75.3   |
| 82.5°  | 73.2   | 75.3   | 76.3   | 73.2   | 75.3   | 72.1   | 66.8   | 59.4   | 54.1   | 53.0   | 50.9   |
| 85°    | 43.5   | 44.5   | 43.5   | 43.5   | 40.3   | 39.2   | 35.0   | 33.9   | 31.8   | 31.8   | 30.7   |
| 87.5°  | 21.2   | 20.1   | 18.0   | 15.9   | 15.9   | 14.8   | 15.9   | 13.8   | 15.9   | 14.8   | 13.8   |
| 90°    | 3.5    | 6.3    | 9.1    | 11.9   | 14.7   | 16.1   | 17.1   | 19.2   | 21.2   | 23.3   | 25.3   |
| 92.5°  | 17.3   | 16.8   | 16.3   | 15.8   | 15.3   | 15.0   | 16.0   | 18.1   | 20.1   | 22.2   | 24.2   |
| 95°    | 63.3   | 54.6   | 45.9   | 37.2   | 28.5   | 24.2   | 24.3   | 24.6   | 24.8   | 25.1   | 25.3   |
| 97.5°  | 120.9  | 126.5  | 132.1  | 137.8  | 143.4  | 146.2  | 132.8  | 105.9  | 79.0   | 52.2   | 25.3   |
| 100°   | 188.8  | 193.4  | 198.0  | 202.6  | 207.2  | 209.5  | 191.9  | 156.6  | 121.3  | 86.0   | 50.7   |
| 102.5° | 264.8  | 267.9  | 270.9  | 274.0  | 277.1  | 278.6  | 280.1  | 283.2  | 286.3  | 289.3  | 292.4  |
| 105°   | 346.5  | 348.0  | 349.6  | 351.1  | 352.6  | 353.4  | 354.0  | 355.3  | 356.6  | 357.9  | 359.2  |
| 107.5° | 421.4  | 422.2  | 422.9  | 423.7  | 424.4  | 424.8  | 425.7  | 427.5  | 429.3  | 431.1  | 432.9  |
| 110°   | 497.3  | 498.1  | 498.9  | 499.6  | 500.4  | 500.8  | 501.6  | 503.1  | 504.6  | 506.2  | 507.7  |

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**CANDELA DISTRIBUTION (continued):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 22.5°  | 25°    | 30°    | 35°    | 40°    | 45°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 571.0  | 572.5  | 574.1  | 575.6  | 577.1  | 577.9  | 578.2  | 578.7  | 579.2  | 579.7  | 580.2  |
| 115°   | 647.0  | 647.8  | 648.5  | 649.3  | 650.0  | 650.4  | 650.3  | 650.0  | 649.8  | 649.5  | 649.3  |
| 117.5° | 714.9  | 715.9  | 716.9  | 718.0  | 719.0  | 719.5  | 719.9  | 720.7  | 721.4  | 722.2  | 723.0  |
| 120°   | 784.0  | 785.0  | 786.0  | 787.1  | 788.1  | 788.6  | 788.5  | 788.2  | 787.9  | 787.7  | 787.4  |
| 122.5° | 848.5  | 849.0  | 849.5  | 850.0  | 850.5  | 850.8  | 851.1  | 851.6  | 852.1  | 852.6  | 853.1  |
| 125°   | 909.5  | 910.5  | 911.5  | 912.6  | 913.6  | 914.1  | 913.8  | 913.3  | 912.8  | 912.3  | 911.8  |
| 127.5° | 968.2  | 968.4  | 968.7  | 968.9  | 969.2  | 969.3  | 969.9  | 971.2  | 972.5  | 973.8  | 975.1  |
| 130°   | 1024.6 | 1024.8 | 1025.1 | 1025.3 | 1025.6 | 1025.7 | 1026.1 | 1026.9 | 1027.6 | 1028.4 | 1029.2 |
| 132.5° | 1076.4 | 1076.9 | 1077.4 | 1077.9 | 1078.4 | 1078.7 | 1079.2 | 1080.2 | 1081.3 | 1082.3 | 1083.3 |
| 135°   | 1128.2 | 1128.0 | 1127.7 | 1127.5 | 1127.2 | 1127.1 | 1127.6 | 1128.6 | 1129.7 | 1130.7 | 1131.7 |
| 137.5° | 1174.3 | 1174.3 | 1174.3 | 1174.3 | 1174.3 | 1174.3 | 1174.9 | 1176.2 | 1177.5 | 1178.7 | 1180.0 |
| 140°   | 1219.2 | 1219.7 | 1220.2 | 1220.7 | 1221.2 | 1221.5 | 1221.8 | 1222.3 | 1222.8 | 1223.3 | 1223.8 |
| 142.5° | 1259.4 | 1260.4 | 1261.5 | 1262.5 | 1263.6 | 1264.1 | 1264.2 | 1264.5 | 1264.7 | 1265.0 | 1265.2 |
| 145°   | 1300.9 | 1301.7 | 1302.4 | 1303.2 | 1303.9 | 1304.3 | 1304.3 | 1304.3 | 1304.3 | 1304.3 | 1304.3 |
| 147.5° | 1333.1 | 1334.6 | 1336.2 | 1337.7 | 1339.2 | 1340.0 | 1339.9 | 1339.6 | 1339.4 | 1339.1 | 1338.9 |
| 150°   | 1368.8 | 1369.8 | 1370.8 | 1371.9 | 1372.9 | 1373.4 | 1373.3 | 1373.0 | 1372.8 | 1372.5 | 1372.3 |
| 152.5° | 1398.7 | 1399.5 | 1400.3 | 1401.0 | 1401.8 | 1402.2 | 1401.9 | 1401.4 | 1400.9 | 1400.4 | 1399.9 |
| 155°   | 1426.4 | 1426.6 | 1426.9 | 1427.1 | 1427.4 | 1427.5 | 1427.1 | 1426.4 | 1425.6 | 1424.9 | 1424.1 |
| 157.5° | 1450.6 | 1450.6 | 1450.6 | 1450.6 | 1450.6 | 1450.6 | 1450.1 | 1449.0 | 1448.0 | 1446.9 | 1445.9 |
| 160°   | 1471.3 | 1470.5 | 1469.7 | 1469.0 | 1468.2 | 1467.8 | 1467.7 | 1467.4 | 1467.2 | 1466.9 | 1466.7 |
| 162.5° | 1489.7 | 1488.7 | 1487.7 | 1486.6 | 1485.6 | 1485.1 | 1485.0 | 1484.7 | 1484.4 | 1484.2 | 1483.9 |
| 165°   | 1504.7 | 1503.4 | 1502.1 | 1500.8 | 1499.5 | 1498.9 | 1498.9 | 1498.9 | 1498.9 | 1498.9 | 1498.9 |
| 167.5° | 1517.3 | 1516.0 | 1514.8 | 1513.5 | 1512.2 | 1511.6 | 1511.5 | 1511.2 | 1510.9 | 1510.7 | 1510.4 |
| 170°   | 1527.7 | 1526.2 | 1524.6 | 1523.1 | 1521.6 | 1520.8 | 1520.9 | 1521.2 | 1521.4 | 1521.7 | 1521.9 |
| 172.5° | 1534.6 | 1533.1 | 1531.5 | 1530.0 | 1528.5 | 1527.7 | 1527.8 | 1528.1 | 1528.3 | 1528.6 | 1528.8 |
| 175°   | 1539.2 | 1537.7 | 1536.1 | 1534.6 | 1533.1 | 1532.3 | 1532.4 | 1532.7 | 1532.9 | 1533.2 | 1533.4 |
| 177.5° | 1542.7 | 1540.9 | 1539.1 | 1537.3 | 1535.5 | 1534.6 | 1534.9 | 1535.4 | 1535.9 | 1536.4 | 1536.9 |
| 180°   | 1539.2 | 1539.2 | 1539.2 | 1539.2 | 1539.2 | 1539.2 | 1539.2 | 1539.2 | 1539.2 | 1539.2 | 1539.2 |

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CATALOG NUMBER: S124RDIP-B795D1205UB2750-4F0-XX-W2A-A\_2700K

**CANDELA DISTRIBUTION (continued):**

|        | 50°    | 55°    | 60°    | 65°    | 67.5°  | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1315.7 | 1315.7 | 1315.7 | 1315.7 | 1315.7 | 1315.7 | 1315.7 | 1315.7 | 1315.7 | 1315.7 | 1315.7 |
| 2.5°   | 1379.3 | 1391.0 | 1392.1 | 1402.7 | 1399.5 | 1394.2 | 1403.7 | 1397.4 | 1410.1 | 1405.8 | 1411.1 |
| 5°     | 1459.9 | 1475.8 | 1489.6 | 1498.1 | 1512.9 | 1509.7 | 1525.6 | 1520.3 | 1532.0 | 1520.3 | 1535.2 |
| 7.5°   | 1554.3 | 1580.8 | 1594.6 | 1616.8 | 1623.2 | 1624.2 | 1643.3 | 1647.6 | 1655.0 | 1647.6 | 1656.1 |
| 10°    | 1646.5 | 1678.3 | 1710.1 | 1728.1 | 1739.8 | 1755.7 | 1772.7 | 1780.1 | 1785.4 | 1778.0 | 1783.3 |
| 12.5°  | 1730.3 | 1780.1 | 1815.1 | 1851.1 | 1859.6 | 1873.4 | 1891.4 | 1889.3 | 1910.5 | 1906.3 | 1915.8 |
| 15°    | 1807.7 | 1862.8 | 1905.2 | 1933.8 | 1957.2 | 1968.8 | 2002.7 | 2004.9 | 2003.8 | 2014.4 | 2008.0 |
| 17.5°  | 1876.6 | 1923.2 | 1983.7 | 2020.8 | 2049.4 | 2049.4 | 2068.5 | 2107.7 | 2104.5 | 2103.5 | 2109.8 |
| 20°    | 1932.8 | 1985.8 | 2042.0 | 2104.5 | 2127.8 | 2132.1 | 2158.6 | 2178.7 | 2181.9 | 2181.9 | 2181.9 |
| 22.5°  | 1975.2 | 2037.7 | 2098.2 | 2142.7 | 2160.7 | 2175.6 | 2198.9 | 2211.6 | 2215.8 | 2213.7 | 2215.8 |
| 25°    | 1996.4 | 2055.8 | 2117.2 | 2157.5 | 2168.1 | 2176.6 | 2178.7 | 2186.2 | 2185.1 | 2172.4 | 2179.8 |
| 27.5°  | 2000.6 | 2057.9 | 2098.2 | 2108.8 | 2103.5 | 2098.2 | 2064.2 | 2067.4 | 2057.9 | 2038.8 | 2046.2 |
| 30°    | 1981.5 | 2012.3 | 2011.2 | 1978.4 | 1968.8 | 1946.6 | 1915.8 | 1870.2 | 1833.1 | 1817.2 | 1822.5 |
| 32.5°  | 1912.6 | 1912.6 | 1874.5 | 1800.2 | 1767.4 | 1727.1 | 1672.0 | 1630.6 | 1581.8 | 1571.2 | 1591.4 |
| 35°    | 1817.2 | 1763.1 | 1693.2 | 1595.6 | 1545.8 | 1516.1 | 1420.7 | 1391.0 | 1349.7 | 1338.0 | 1347.5 |
| 37.5°  | 1668.8 | 1578.7 | 1476.9 | 1385.7 | 1343.3 | 1290.3 | 1206.5 | 1164.1 | 1134.4 | 1114.3 | 1123.8 |
| 40°    | 1502.3 | 1393.1 | 1287.1 | 1174.7 | 1128.1 | 1084.6 | 1022.0 | 983.9  | 936.2  | 938.3  | 941.5  |
| 42.5°  | 1343.3 | 1215.0 | 1096.3 | 992.4  | 947.8  | 911.8  | 868.3  | 821.7  | 804.7  | 799.4  | 794.1  |
| 45°    | 1174.7 | 1037.9 | 926.6  | 849.2  | 808.9  | 775.0  | 734.7  | 708.2  | 688.1  | 683.8  | 689.1  |
| 47.5°  | 1015.7 | 900.1  | 794.1  | 722.0  | 689.1  | 672.2  | 640.4  | 616.0  | 603.3  | 592.7  | 599.0  |
| 50°    | 871.5  | 763.4  | 678.5  | 618.1  | 594.8  | 583.1  | 553.4  | 540.7  | 528.0  | 524.8  | 523.7  |
| 52.5°  | 752.8  | 660.5  | 587.4  | 538.6  | 520.6  | 514.2  | 491.9  | 473.9  | 463.3  | 466.5  | 468.6  |
| 55°    | 644.6  | 566.2  | 508.9  | 469.7  | 454.8  | 447.4  | 431.5  | 418.8  | 411.4  | 408.2  | 410.3  |
| 57.5°  | 549.2  | 481.3  | 440.0  | 408.2  | 396.5  | 393.3  | 376.4  | 372.1  | 366.8  | 363.7  | 363.7  |
| 60°    | 462.3  | 414.5  | 376.4  | 358.4  | 345.6  | 342.4  | 329.7  | 324.4  | 323.4  | 320.2  | 318.1  |
| 62.5°  | 389.1  | 349.9  | 323.4  | 304.3  | 299.0  | 297.9  | 289.4  | 283.1  | 279.9  | 277.8  | 277.8  |
| 65°    | 325.5  | 296.9  | 274.6  | 260.8  | 256.6  | 254.5  | 244.9  | 242.8  | 240.7  | 238.5  | 237.5  |
| 67.5°  | 271.4  | 246.0  | 230.1  | 220.5  | 215.2  | 216.3  | 211.0  | 206.7  | 206.7  | 205.7  | 204.6  |
| 70°    | 219.5  | 203.6  | 189.8  | 184.5  | 182.4  | 180.2  | 178.1  | 174.9  | 173.9  | 173.9  | 173.9  |
| 72.5°  | 172.8  | 162.2  | 154.8  | 151.6  | 149.5  | 147.4  | 145.2  | 145.2  | 145.2  | 144.2  | 144.2  |
| 75°    | 132.5  | 128.3  | 123.0  | 119.8  | 119.8  | 121.9  | 118.7  | 115.6  | 112.4  | 110.3  | 111.3  |
| 77.5°  | 99.7   | 97.5   | 94.4   | 89.1   | 90.1   | 88.0   | 88.0   | 85.9   | 86.9   | 86.9   | 84.8   |
| 80°    | 73.2   | 70.0   | 68.9   | 65.7   | 66.8   | 65.7   | 64.7   | 64.7   | 62.6   | 62.6   | 62.6   |
| 82.5°  | 50.9   | 47.7   | 47.7   | 46.6   | 45.6   | 45.6   | 44.5   | 44.5   | 45.6   | 43.5   | 43.5   |
| 85°    | 30.7   | 29.7   | 29.7   | 27.6   | 27.6   | 27.6   | 27.6   | 28.6   | 27.6   | 26.5   | 26.5   |
| 87.5°  | 13.8   | 14.8   | 13.8   | 12.7   | 12.7   | 12.7   | 11.7   | 11.7   | 10.6   | 11.7   | 11.7   |
| 90°    | 26.8   | 28.4   | 29.9   | 31.4   | 32.2   | 32.5   | 33.0   | 33.5   | 34.0   | 34.5   | 34.0   |
| 92.5°  | 25.7   | 27.3   | 28.8   | 30.3   | 31.1   | 31.1   | 31.1   | 31.1   | 31.1   | 31.1   | 31.1   |
| 95°    | 26.8   | 28.4   | 29.9   | 31.4   | 32.2   | 32.3   | 32.6   | 32.9   | 33.1   | 33.4   | 33.1   |
| 97.5°  | 26.6   | 27.9   | 29.2   | 30.5   | 31.1   | 31.2   | 31.5   | 31.7   | 32.0   | 32.2   | 32.0   |
| 100°   | 46.3   | 42.0   | 37.6   | 33.3   | 31.1   | 31.2   | 31.5   | 31.7   | 32.0   | 32.2   | 32.0   |
| 102.5° | 234.8  | 177.3  | 119.7  | 62.2   | 33.4   | 33.4   | 33.4   | 33.4   | 33.4   | 33.4   | 33.4   |
| 105°   | 361.5  | 363.8  | 366.1  | 368.4  | 369.5  | 364.9  | 355.7  | 346.5  | 337.3  | 328.1  | 337.3  |
| 107.5° | 434.2  | 435.4  | 436.7  | 438.0  | 438.6  | 439.1  | 440.1  | 441.2  | 442.2  | 443.2  | 442.2  |
| 110°   | 508.2  | 508.7  | 509.2  | 509.7  | 510.0  | 510.4  | 511.1  | 511.9  | 512.6  | 513.4  | 512.6  |

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**CANDELA DISTRIBUTION (continued):**

|        | 50°    | 55°    | 60°    | 65°    | 67.5°  | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 580.0  | 579.7  | 579.5  | 579.2  | 579.1  | 579.6  | 580.6  | 581.7  | 582.7  | 583.7  | 582.7  |
| 115°   | 649.8  | 650.3  | 650.8  | 651.3  | 651.6  | 651.6  | 651.6  | 651.6  | 651.6  | 651.6  | 651.6  |
| 117.5° | 722.7  | 722.5  | 722.2  | 721.9  | 721.8  | 721.8  | 721.8  | 721.8  | 721.8  | 721.8  | 721.8  |
| 120°   | 787.9  | 788.4  | 788.9  | 789.4  | 789.7  | 789.4  | 788.9  | 788.4  | 787.9  | 787.4  | 787.9  |
| 122.5° | 853.3  | 853.6  | 853.8  | 854.1  | 854.2  | 853.9  | 853.4  | 852.9  | 852.4  | 851.9  | 852.4  |
| 125°   | 912.6  | 913.3  | 914.1  | 914.8  | 915.2  | 915.3  | 915.6  | 915.9  | 916.1  | 916.4  | 916.1  |
| 127.5° | 974.8  | 974.6  | 974.3  | 974.0  | 973.9  | 973.8  | 973.5  | 973.3  | 973.0  | 972.8  | 973.0  |
| 130°   | 1029.5 | 1029.7 | 1030.0 | 1030.3 | 1030.4 | 1030.4 | 1030.4 | 1030.4 | 1030.4 | 1030.4 | 1030.4 |
| 132.5° | 1083.6 | 1083.8 | 1084.1 | 1084.4 | 1084.5 | 1084.4 | 1084.1 | 1083.8 | 1083.6 | 1083.3 | 1083.6 |
| 135°   | 1132.2 | 1132.7 | 1133.2 | 1133.7 | 1134.0 | 1134.3 | 1134.8 | 1135.3 | 1135.8 | 1136.3 | 1135.8 |
| 137.5° | 1180.5 | 1181.0 | 1181.5 | 1182.0 | 1182.3 | 1182.2 | 1181.9 | 1181.7 | 1181.4 | 1181.2 | 1181.4 |
| 140°   | 1224.6 | 1225.3 | 1226.1 | 1226.8 | 1227.2 | 1227.3 | 1227.6 | 1227.9 | 1228.1 | 1228.4 | 1228.1 |
| 142.5° | 1265.7 | 1266.2 | 1266.7 | 1267.2 | 1267.5 | 1267.5 | 1267.5 | 1267.5 | 1267.5 | 1267.5 | 1267.5 |
| 145°   | 1304.6 | 1304.8 | 1305.1 | 1305.4 | 1305.5 | 1305.8 | 1306.3 | 1306.8 | 1307.3 | 1307.8 | 1307.3 |
| 147.5° | 1339.1 | 1339.4 | 1339.6 | 1339.9 | 1340.0 | 1340.1 | 1340.4 | 1340.7 | 1340.9 | 1341.2 | 1340.9 |
| 150°   | 1372.3 | 1372.3 | 1372.3 | 1372.3 | 1372.3 | 1372.4 | 1372.7 | 1372.9 | 1373.2 | 1373.4 | 1373.2 |
| 152.5° | 1400.4 | 1400.9 | 1401.4 | 1401.9 | 1402.2 | 1402.1 | 1401.8 | 1401.6 | 1401.3 | 1401.1 | 1401.3 |
| 155°   | 1425.1 | 1426.1 | 1427.2 | 1428.2 | 1428.7 | 1428.3 | 1427.5 | 1426.8 | 1426.0 | 1425.2 | 1426.0 |
| 157.5° | 1447.2 | 1448.5 | 1449.8 | 1451.1 | 1451.7 | 1451.1 | 1449.8 | 1448.5 | 1447.2 | 1445.9 | 1447.2 |
| 160°   | 1468.2 | 1469.8 | 1471.3 | 1472.8 | 1473.6 | 1472.8 | 1471.3 | 1469.8 | 1468.2 | 1466.7 | 1468.2 |
| 162.5° | 1485.4 | 1487.0 | 1488.5 | 1490.0 | 1490.8 | 1489.9 | 1488.1 | 1486.4 | 1484.6 | 1482.8 | 1484.6 |
| 165°   | 1500.9 | 1503.0 | 1505.0 | 1507.1 | 1508.1 | 1507.0 | 1504.7 | 1502.4 | 1500.1 | 1497.8 | 1500.1 |
| 167.5° | 1512.7 | 1515.0 | 1517.3 | 1519.6 | 1520.8 | 1519.5 | 1517.0 | 1514.4 | 1511.9 | 1509.3 | 1511.9 |
| 170°   | 1523.9 | 1526.0 | 1528.0 | 1530.1 | 1531.1 | 1529.8 | 1527.3 | 1524.7 | 1522.2 | 1519.6 | 1522.2 |
| 172.5° | 1530.8 | 1532.9 | 1534.9 | 1537.0 | 1538.0 | 1536.6 | 1533.8 | 1531.0 | 1528.2 | 1525.4 | 1528.2 |
| 175°   | 1535.7 | 1538.0 | 1540.3 | 1542.6 | 1543.8 | 1542.3 | 1539.2 | 1536.1 | 1533.1 | 1530.0 | 1533.1 |
| 177.5° | 1538.9 | 1541.0 | 1543.0 | 1545.1 | 1546.1 | 1544.6 | 1541.5 | 1538.4 | 1535.4 | 1532.3 | 1535.4 |
| 180°   | 1539.2 | 1539.2 | 1539.2 | 1539.2 | 1539.2 | 1539.2 | 1539.2 | 1539.2 | 1539.2 | 1539.2 | 1539.2 |

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CATALOG NUMBER: S124RDIP-B795D1205UB2750-4F0-XX-W2A-A\_2700K

**CANDELA DISTRIBUTION (continued):**

|        | 100°   | 105°   | 110°   | 112.5° | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1315.7 | 1315.7 | 1315.7 | 1315.7 | 1315.7 | 1315.7 | 1315.7 | 1315.7 | 1315.7 | 1315.7 | 1315.7 |
| 2.5°   | 1414.3 | 1406.9 | 1405.8 | 1405.8 | 1394.2 | 1400.5 | 1387.8 | 1374.0 | 1367.7 | 1367.7 | 1356.0 |
| 5°     | 1532.0 | 1524.6 | 1517.2 | 1505.5 | 1505.5 | 1499.1 | 1479.0 | 1458.9 | 1444.0 | 1431.3 | 1417.5 |
| 7.5°   | 1652.9 | 1645.5 | 1624.2 | 1612.6 | 1618.9 | 1606.2 | 1579.7 | 1545.8 | 1520.3 | 1500.2 | 1471.6 |
| 10°    | 1784.3 | 1764.2 | 1753.6 | 1747.2 | 1725.0 | 1711.2 | 1680.4 | 1630.6 | 1598.8 | 1572.3 | 1535.2 |
| 12.5°  | 1891.4 | 1897.8 | 1857.5 | 1860.7 | 1838.4 | 1819.3 | 1771.6 | 1723.9 | 1676.2 | 1639.1 | 1584.0 |
| 15°    | 2007.0 | 1987.9 | 1963.5 | 1944.4 | 1937.0 | 1913.7 | 1873.4 | 1809.8 | 1757.8 | 1699.5 | 1637.0 |
| 17.5°  | 2098.2 | 2083.3 | 2060.0 | 2042.0 | 2026.1 | 1969.9 | 1936.0 | 1879.8 | 1808.7 | 1751.5 | 1675.1 |
| 20°    | 2175.6 | 2161.8 | 2128.9 | 2117.2 | 2088.6 | 2048.3 | 1999.6 | 1912.6 | 1849.0 | 1786.5 | 1712.2 |
| 22.5°  | 2208.4 | 2194.6 | 2166.0 | 2151.2 | 2133.2 | 2093.9 | 2047.3 | 1964.6 | 1886.1 | 1807.7 | 1729.2 |
| 25°    | 2180.9 | 2180.9 | 2167.1 | 2161.8 | 2145.9 | 2110.9 | 2063.2 | 1993.2 | 1909.4 | 1824.6 | 1731.3 |
| 27.5°  | 2047.3 | 2073.8 | 2083.3 | 2088.6 | 2088.6 | 2089.7 | 2056.8 | 1989.0 | 1907.3 | 1824.6 | 1727.1 |
| 30°    | 1854.3 | 1898.8 | 1938.1 | 1949.7 | 1969.9 | 1992.1 | 2005.9 | 1973.1 | 1899.9 | 1813.0 | 1715.4 |
| 32.5°  | 1611.5 | 1668.8 | 1741.9 | 1760.0 | 1787.5 | 1854.3 | 1891.4 | 1905.2 | 1864.9 | 1788.6 | 1684.7 |
| 35°    | 1369.8 | 1441.9 | 1486.4 | 1541.6 | 1567.0 | 1665.6 | 1748.3 | 1798.1 | 1788.6 | 1743.0 | 1648.6 |
| 37.5°  | 1158.8 | 1200.2 | 1254.2 | 1312.5 | 1363.4 | 1457.8 | 1560.6 | 1657.1 | 1696.3 | 1674.1 | 1603.0 |
| 40°    | 956.3  | 1005.1 | 1069.8 | 1117.5 | 1152.5 | 1246.8 | 1374.0 | 1479.0 | 1564.9 | 1578.7 | 1535.2 |
| 42.5°  | 813.2  | 862.0  | 901.2  | 953.1  | 980.7  | 1071.9 | 1184.3 | 1315.7 | 1417.5 | 1471.6 | 1452.5 |
| 45°    | 702.9  | 732.6  | 764.4  | 794.1  | 828.0  | 908.6  | 1012.5 | 1156.7 | 1271.2 | 1347.5 | 1355.0 |
| 47.5°  | 606.4  | 632.9  | 660.5  | 688.1  | 707.2  | 769.7  | 865.1  | 982.8  | 1107.9 | 1212.9 | 1254.2 |
| 50°    | 538.6  | 551.3  | 571.5  | 587.4  | 609.6  | 663.7  | 740.0  | 841.8  | 974.3  | 1087.8 | 1141.9 |
| 52.5°  | 471.8  | 487.7  | 503.6  | 517.4  | 532.2  | 570.4  | 640.4  | 728.4  | 842.9  | 959.5  | 1026.3 |
| 55°    | 415.6  | 428.3  | 443.2  | 452.7  | 461.2  | 495.1  | 548.1  | 616.0  | 714.6  | 824.8  | 907.5  |
| 57.5°  | 370.0  | 375.3  | 388.0  | 393.3  | 402.9  | 430.4  | 468.6  | 529.0  | 608.6  | 715.6  | 783.5  |
| 60°    | 320.2  | 330.8  | 340.3  | 344.6  | 352.0  | 371.1  | 397.6  | 453.8  | 522.7  | 601.1  | 678.5  |
| 62.5°  | 279.9  | 284.1  | 291.6  | 296.9  | 302.2  | 322.3  | 344.6  | 387.0  | 438.9  | 504.7  | 575.7  |
| 65°    | 242.8  | 244.9  | 249.2  | 256.6  | 259.8  | 274.6  | 287.3  | 318.1  | 366.8  | 416.7  | 487.7  |
| 67.5°  | 204.6  | 206.7  | 212.0  | 216.3  | 219.5  | 229.0  | 242.8  | 265.1  | 291.6  | 346.7  | 385.9  |
| 70°    | 174.9  | 174.9  | 178.1  | 180.2  | 183.4  | 187.7  | 195.1  | 212.0  | 236.4  | 271.4  | 307.5  |
| 72.5°  | 146.3  | 146.3  | 146.3  | 149.5  | 149.5  | 152.7  | 156.9  | 168.6  | 185.5  | 213.1  | 236.4  |
| 75°    | 113.4  | 114.5  | 116.6  | 116.6  | 117.7  | 121.9  | 125.1  | 128.3  | 136.8  | 154.8  | 176.0  |
| 77.5°  | 85.9   | 88.0   | 89.1   | 86.9   | 89.1   | 89.1   | 93.3   | 97.5   | 101.8  | 107.1  | 123.0  |
| 80°    | 63.6   | 64.7   | 62.6   | 63.6   | 63.6   | 65.7   | 67.9   | 66.8   | 68.9   | 75.3   | 79.5   |
| 82.5°  | 42.4   | 43.5   | 43.5   | 43.5   | 43.5   | 46.6   | 46.6   | 45.6   | 46.6   | 47.7   | 48.8   |
| 85°    | 26.5   | 25.4   | 25.4   | 26.5   | 25.4   | 25.4   | 26.5   | 27.6   | 26.5   | 27.6   | 28.6   |
| 87.5°  | 11.7   | 11.7   | 11.7   | 11.7   | 10.6   | 10.6   | 11.7   | 10.6   | 11.7   | 10.6   | 9.5    |
| 90°    | 33.5   | 33.0   | 32.5   | 32.2   | 31.4   | 29.9   | 28.4   | 26.8   | 25.3   | 23.3   | 21.2   |
| 92.5°  | 31.1   | 31.1   | 31.1   | 31.1   | 30.3   | 28.8   | 27.3   | 25.7   | 24.2   | 22.2   | 20.1   |
| 95°    | 32.9   | 32.6   | 32.3   | 32.2   | 31.4   | 29.9   | 28.4   | 26.8   | 25.3   | 25.1   | 24.8   |
| 97.5°  | 31.7   | 31.5   | 31.2   | 31.1   | 30.5   | 29.2   | 27.9   | 26.6   | 25.3   | 52.2   | 79.0   |
| 100°   | 31.7   | 31.5   | 31.2   | 31.1   | 33.3   | 37.6   | 42.0   | 46.3   | 50.7   | 86.0   | 121.3  |
| 102.5° | 33.4   | 33.4   | 33.4   | 33.4   | 62.2   | 119.7  | 177.3  | 234.8  | 292.4  | 289.3  | 286.3  |
| 105°   | 346.5  | 355.7  | 364.9  | 369.5  | 368.4  | 366.1  | 363.8  | 361.5  | 359.2  | 357.9  | 356.6  |
| 107.5° | 441.2  | 440.1  | 439.1  | 438.6  | 438.0  | 436.7  | 435.4  | 434.2  | 432.9  | 431.1  | 429.3  |
| 110°   | 511.9  | 511.1  | 510.4  | 510.0  | 509.7  | 509.2  | 508.7  | 508.2  | 507.7  | 506.2  | 504.6  |

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**CANDELA DISTRIBUTION (continued):**

|        | 100°   | 105°   | 110°   | 112.5° | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 581.7  | 580.6  | 579.6  | 579.1  | 579.2  | 579.5  | 579.7  | 580.0  | 580.2  | 579.7  | 579.2  |
| 115°   | 651.6  | 651.6  | 651.6  | 651.6  | 651.3  | 650.8  | 650.3  | 649.8  | 649.3  | 649.5  | 649.8  |
| 117.5° | 721.8  | 721.8  | 721.8  | 721.8  | 721.9  | 722.2  | 722.5  | 722.7  | 723.0  | 722.2  | 721.4  |
| 120°   | 788.4  | 788.9  | 789.4  | 789.7  | 789.4  | 788.9  | 788.4  | 787.9  | 787.4  | 787.7  | 787.9  |
| 122.5° | 852.9  | 853.4  | 853.9  | 854.2  | 854.1  | 853.8  | 853.6  | 853.3  | 853.1  | 852.6  | 852.1  |
| 125°   | 915.9  | 915.6  | 915.3  | 915.2  | 914.8  | 914.1  | 913.3  | 912.6  | 911.8  | 912.3  | 912.8  |
| 127.5° | 973.3  | 973.5  | 973.8  | 973.9  | 974.0  | 974.3  | 974.6  | 974.8  | 975.1  | 973.8  | 972.5  |
| 130°   | 1030.4 | 1030.4 | 1030.4 | 1030.4 | 1030.3 | 1030.0 | 1029.7 | 1029.5 | 1029.2 | 1028.4 | 1027.6 |
| 132.5° | 1083.8 | 1084.1 | 1084.4 | 1084.5 | 1084.4 | 1084.1 | 1083.8 | 1083.6 | 1083.3 | 1082.3 | 1081.3 |
| 135°   | 1135.3 | 1134.8 | 1134.3 | 1134.0 | 1133.7 | 1133.2 | 1132.7 | 1132.2 | 1131.7 | 1130.7 | 1129.7 |
| 137.5° | 1181.7 | 1181.9 | 1182.2 | 1182.3 | 1182.0 | 1181.5 | 1181.0 | 1180.5 | 1180.0 | 1178.7 | 1177.5 |
| 140°   | 1227.9 | 1227.6 | 1227.3 | 1227.2 | 1226.8 | 1226.1 | 1225.3 | 1224.6 | 1223.8 | 1223.3 | 1222.8 |
| 142.5° | 1267.5 | 1267.5 | 1267.5 | 1267.5 | 1267.2 | 1266.7 | 1266.2 | 1265.7 | 1265.2 | 1265.0 | 1264.7 |
| 145°   | 1306.8 | 1306.3 | 1305.8 | 1305.5 | 1305.4 | 1305.1 | 1304.8 | 1304.6 | 1304.3 | 1304.3 | 1304.3 |
| 147.5° | 1340.7 | 1340.4 | 1340.1 | 1340.0 | 1339.9 | 1339.6 | 1339.4 | 1339.1 | 1338.9 | 1339.1 | 1339.4 |
| 150°   | 1372.9 | 1372.7 | 1372.4 | 1372.3 | 1372.3 | 1372.3 | 1372.3 | 1372.3 | 1372.3 | 1372.5 | 1372.8 |
| 152.5° | 1401.6 | 1401.8 | 1402.1 | 1402.2 | 1401.9 | 1401.4 | 1400.9 | 1400.4 | 1399.9 | 1400.4 | 1400.9 |
| 155°   | 1426.8 | 1427.5 | 1428.3 | 1428.7 | 1428.2 | 1427.2 | 1426.1 | 1425.1 | 1424.1 | 1424.9 | 1425.6 |
| 157.5° | 1448.5 | 1449.8 | 1451.1 | 1451.7 | 1451.1 | 1449.8 | 1448.5 | 1447.2 | 1445.9 | 1446.9 | 1448.0 |
| 160°   | 1469.8 | 1471.3 | 1472.8 | 1473.6 | 1472.8 | 1471.3 | 1469.8 | 1468.2 | 1466.7 | 1466.9 | 1467.2 |
| 162.5° | 1486.4 | 1488.1 | 1489.9 | 1490.8 | 1490.0 | 1488.5 | 1487.0 | 1485.4 | 1483.9 | 1484.2 | 1484.4 |
| 165°   | 1502.4 | 1504.7 | 1507.0 | 1508.1 | 1507.1 | 1505.0 | 1503.0 | 1500.9 | 1498.9 | 1498.9 | 1498.9 |
| 167.5° | 1514.4 | 1517.0 | 1519.5 | 1520.8 | 1519.6 | 1517.3 | 1515.0 | 1512.7 | 1510.4 | 1510.7 | 1510.9 |
| 170°   | 1524.7 | 1527.3 | 1529.8 | 1531.1 | 1530.1 | 1528.0 | 1526.0 | 1523.9 | 1521.9 | 1521.7 | 1521.4 |
| 172.5° | 1531.0 | 1533.8 | 1536.6 | 1538.0 | 1537.0 | 1534.9 | 1532.9 | 1530.8 | 1528.8 | 1528.6 | 1528.3 |
| 175°   | 1536.1 | 1539.2 | 1542.3 | 1543.8 | 1542.6 | 1540.3 | 1538.0 | 1535.7 | 1533.4 | 1533.2 | 1532.9 |
| 177.5° | 1538.4 | 1541.5 | 1544.6 | 1546.1 | 1545.1 | 1543.0 | 1541.0 | 1538.9 | 1536.9 | 1536.4 | 1535.9 |
| 180°   | 1539.2 | 1539.2 | 1539.2 | 1539.2 | 1539.2 | 1539.2 | 1539.2 | 1539.2 | 1539.2 | 1539.2 | 1539.2 |

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**CANDELA DISTRIBUTION (continued):**

|        | 150°   | 155°   | 157.5° | 160°   | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1315.7 | 1315.7 | 1315.7 | 1315.7 | 1315.7 | 1315.7 | 1315.7 | 1315.7 | 1315.7 | 1315.7 | 1315.7 |
| 2.5°   | 1349.7 | 1344.4 | 1341.2 | 1340.1 | 1330.6 | 1325.3 | 1322.1 | 1320.0 | 1316.8 | 1308.3 | 1300.9 |
| 5°     | 1400.5 | 1385.7 | 1378.3 | 1369.8 | 1355.0 | 1338.0 | 1324.2 | 1315.7 | 1305.1 | 1288.2 | 1272.3 |
| 7.5°   | 1448.3 | 1426.0 | 1411.1 | 1399.5 | 1374.0 | 1346.5 | 1324.2 | 1306.2 | 1286.0 | 1262.7 | 1240.5 |
| 10°    | 1498.1 | 1462.0 | 1443.0 | 1424.9 | 1387.8 | 1351.8 | 1320.0 | 1293.5 | 1264.8 | 1234.1 | 1209.7 |
| 12.5°  | 1537.3 | 1489.6 | 1468.4 | 1443.0 | 1397.4 | 1355.0 | 1314.7 | 1278.6 | 1241.5 | 1208.6 | 1173.7 |
| 15°    | 1582.9 | 1523.5 | 1499.1 | 1466.3 | 1403.7 | 1348.6 | 1296.6 | 1257.4 | 1219.2 | 1170.5 | 1133.4 |
| 17.5°  | 1609.4 | 1540.5 | 1505.5 | 1476.9 | 1409.0 | 1342.2 | 1281.8 | 1233.0 | 1188.5 | 1139.7 | 1100.5 |
| 20°    | 1635.9 | 1557.5 | 1518.2 | 1477.9 | 1397.4 | 1326.3 | 1262.7 | 1204.4 | 1157.8 | 1104.7 | 1064.5 |
| 22.5°  | 1644.4 | 1553.2 | 1511.9 | 1474.8 | 1389.9 | 1310.4 | 1237.3 | 1177.9 | 1123.8 | 1070.8 | 1025.2 |
| 25°    | 1644.4 | 1552.2 | 1503.4 | 1455.7 | 1366.6 | 1285.0 | 1211.8 | 1147.2 | 1086.7 | 1033.7 | 988.1  |
| 27.5°  | 1627.4 | 1530.9 | 1480.1 | 1436.6 | 1344.4 | 1256.4 | 1181.1 | 1110.0 | 1051.7 | 998.7  | 946.8  |
| 30°    | 1606.2 | 1500.2 | 1449.3 | 1397.4 | 1308.3 | 1224.5 | 1142.9 | 1077.2 | 1015.7 | 955.3  | 908.6  |
| 32.5°  | 1579.7 | 1467.3 | 1411.1 | 1358.1 | 1263.8 | 1176.8 | 1101.6 | 1036.9 | 978.6  | 916.0  | 864.1  |
| 35°    | 1541.6 | 1418.6 | 1356.0 | 1309.4 | 1218.2 | 1128.1 | 1056.0 | 992.4  | 936.2  | 871.5  | 815.3  |
| 37.5°  | 1492.8 | 1374.0 | 1310.4 | 1253.2 | 1158.8 | 1076.1 | 1008.3 | 946.8  | 891.6  | 832.3  | 769.7  |
| 40°    | 1435.5 | 1311.5 | 1256.4 | 1195.9 | 1096.3 | 1017.8 | 954.2  | 899.1  | 843.9  | 787.7  | 727.3  |
| 42.5°  | 1370.9 | 1247.9 | 1186.4 | 1128.1 | 1032.6 | 955.3  | 895.9  | 846.1  | 795.2  | 743.2  | 678.5  |
| 45°    | 1293.5 | 1177.9 | 1118.5 | 1063.4 | 971.2  | 891.6  | 837.6  | 789.9  | 746.4  | 693.4  | 636.1  |
| 47.5°  | 1206.5 | 1105.8 | 1045.4 | 986.0  | 895.9  | 827.0  | 774.0  | 733.7  | 696.6  | 643.5  | 591.6  |
| 50°    | 1121.7 | 1022.0 | 973.3  | 912.8  | 830.1  | 765.5  | 711.4  | 677.5  | 648.9  | 596.9  | 550.3  |
| 52.5°  | 1014.6 | 939.3  | 892.7  | 840.7  | 761.2  | 695.5  | 653.1  | 623.4  | 589.5  | 549.2  | 507.8  |
| 55°    | 920.3  | 850.3  | 813.2  | 764.4  | 686.0  | 627.6  | 591.6  | 564.0  | 537.5  | 501.5  | 468.6  |
| 57.5°  | 813.2  | 769.7  | 732.6  | 690.2  | 612.8  | 563.0  | 531.2  | 507.8  | 483.5  | 453.8  | 427.3  |
| 60°    | 700.8  | 680.7  | 644.6  | 610.7  | 545.0  | 501.5  | 475.0  | 453.8  | 430.4  | 406.1  | 383.8  |
| 62.5°  | 601.1  | 589.5  | 568.3  | 541.8  | 480.3  | 443.2  | 416.7  | 400.8  | 383.8  | 361.5  | 340.3  |
| 65°    | 506.8  | 501.5  | 481.3  | 462.3  | 419.8  | 387.0  | 363.7  | 354.1  | 335.0  | 318.1  | 299.0  |
| 67.5°  | 423.0  | 416.7  | 405.0  | 396.5  | 360.5  | 329.7  | 318.1  | 305.3  | 289.4  | 276.7  | 260.8  |
| 70°    | 338.2  | 337.1  | 329.7  | 319.1  | 300.0  | 277.8  | 266.1  | 257.6  | 241.7  | 232.2  | 220.5  |
| 72.5°  | 262.9  | 268.2  | 261.9  | 257.6  | 244.9  | 229.0  | 218.4  | 213.1  | 200.4  | 193.0  | 184.5  |
| 75°    | 196.1  | 200.4  | 203.6  | 196.1  | 193.0  | 185.5  | 176.0  | 170.7  | 164.3  | 153.7  | 150.6  |
| 77.5°  | 133.6  | 143.1  | 143.1  | 145.2  | 146.3  | 142.1  | 134.6  | 130.4  | 123.0  | 120.9  | 116.6  |
| 80°    | 88.0   | 96.5   | 97.5   | 99.7   | 102.8  | 102.8  | 97.5   | 96.5   | 89.1   | 88.0   | 84.8   |
| 82.5°  | 50.9   | 58.3   | 62.6   | 65.7   | 64.7   | 68.9   | 64.7   | 63.6   | 59.4   | 59.4   | 57.3   |
| 85°    | 27.6   | 28.6   | 30.7   | 32.9   | 35.0   | 37.1   | 37.1   | 36.0   | 35.0   | 33.9   | 31.8   |
| 87.5°  | 10.6   | 10.6   | 11.7   | 10.6   | 11.7   | 13.8   | 14.8   | 14.8   | 13.8   | 12.7   | 10.6   |
| 90°    | 19.2   | 17.1   | 16.1   | 14.7   | 11.9   | 9.1    | 6.3    | 3.5    | 6.3    | 9.1    | 11.9   |
| 92.5°  | 18.1   | 16.0   | 15.0   | 15.3   | 15.8   | 16.3   | 16.8   | 17.3   | 16.8   | 16.3   | 15.8   |
| 95°    | 24.6   | 24.3   | 24.2   | 28.5   | 37.2   | 45.9   | 54.6   | 63.3   | 54.6   | 45.9   | 37.2   |
| 97.5°  | 105.9  | 132.8  | 146.2  | 143.4  | 137.8  | 132.1  | 126.5  | 120.9  | 126.5  | 132.1  | 137.8  |
| 100°   | 156.6  | 191.9  | 209.5  | 207.2  | 202.6  | 198.0  | 193.4  | 188.8  | 193.4  | 198.0  | 202.6  |
| 102.5° | 283.2  | 280.1  | 278.6  | 277.1  | 274.0  | 270.9  | 267.9  | 264.8  | 267.9  | 270.9  | 274.0  |
| 105°   | 355.3  | 354.0  | 353.4  | 352.6  | 351.1  | 349.6  | 348.0  | 346.5  | 348.0  | 349.6  | 351.1  |
| 107.5° | 427.5  | 425.7  | 424.8  | 424.4  | 423.7  | 422.9  | 422.2  | 421.4  | 422.2  | 422.9  | 423.7  |
| 110°   | 503.1  | 501.6  | 500.8  | 500.4  | 499.6  | 498.9  | 498.1  | 497.3  | 498.1  | 498.9  | 499.6  |

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**CANDELA DISTRIBUTION (continued):**

|        | 150°   | 155°   | 157.5° | 160°   | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 578.7  | 578.2  | 577.9  | 577.1  | 575.6  | 574.1  | 572.5  | 571.0  | 572.5  | 574.1  | 575.6  |
| 115°   | 650.0  | 650.3  | 650.4  | 650.0  | 649.3  | 648.5  | 647.8  | 647.0  | 647.8  | 648.5  | 649.3  |
| 117.5° | 720.7  | 719.9  | 719.5  | 719.0  | 718.0  | 716.9  | 715.9  | 714.9  | 715.9  | 716.9  | 718.0  |
| 120°   | 788.2  | 788.5  | 788.6  | 788.1  | 787.1  | 786.0  | 785.0  | 784.0  | 785.0  | 786.0  | 787.1  |
| 122.5° | 851.6  | 851.1  | 850.8  | 850.5  | 850.0  | 849.5  | 849.0  | 848.5  | 849.0  | 849.5  | 850.0  |
| 125°   | 913.3  | 913.8  | 914.1  | 913.6  | 912.6  | 911.5  | 910.5  | 909.5  | 910.5  | 911.5  | 912.6  |
| 127.5° | 971.2  | 969.9  | 969.3  | 969.2  | 968.9  | 968.7  | 968.4  | 968.2  | 968.4  | 968.7  | 968.9  |
| 130°   | 1026.9 | 1026.1 | 1025.7 | 1025.6 | 1025.3 | 1025.1 | 1024.8 | 1024.6 | 1024.8 | 1025.1 | 1025.3 |
| 132.5° | 1080.2 | 1079.2 | 1078.7 | 1078.4 | 1077.9 | 1077.4 | 1076.9 | 1076.4 | 1076.9 | 1077.4 | 1077.9 |
| 135°   | 1128.6 | 1127.6 | 1127.1 | 1127.2 | 1127.5 | 1127.7 | 1128.0 | 1128.2 | 1128.0 | 1127.7 | 1127.5 |
| 137.5° | 1176.2 | 1174.9 | 1174.3 | 1174.3 | 1174.3 | 1174.3 | 1174.3 | 1174.3 | 1174.3 | 1174.3 | 1174.3 |
| 140°   | 1222.3 | 1221.8 | 1221.5 | 1221.2 | 1220.7 | 1220.2 | 1219.7 | 1219.2 | 1219.7 | 1220.2 | 1220.7 |
| 142.5° | 1264.5 | 1264.2 | 1264.1 | 1263.6 | 1262.5 | 1261.5 | 1260.4 | 1259.4 | 1260.4 | 1261.5 | 1262.5 |
| 145°   | 1304.3 | 1304.3 | 1304.3 | 1303.9 | 1303.2 | 1302.4 | 1301.7 | 1300.9 | 1301.7 | 1302.4 | 1303.2 |
| 147.5° | 1339.6 | 1339.9 | 1340.0 | 1339.2 | 1337.7 | 1336.2 | 1334.6 | 1333.1 | 1334.6 | 1336.2 | 1337.7 |
| 150°   | 1373.0 | 1373.3 | 1373.4 | 1372.9 | 1371.9 | 1370.8 | 1369.8 | 1368.8 | 1369.8 | 1370.8 | 1371.9 |
| 152.5° | 1401.4 | 1401.9 | 1402.2 | 1401.8 | 1401.0 | 1400.3 | 1399.5 | 1398.7 | 1399.5 | 1400.3 | 1401.0 |
| 155°   | 1426.4 | 1427.1 | 1427.5 | 1427.4 | 1427.1 | 1426.9 | 1426.6 | 1426.4 | 1426.6 | 1426.9 | 1427.1 |
| 157.5° | 1449.0 | 1450.1 | 1450.6 | 1450.6 | 1450.6 | 1450.6 | 1450.6 | 1450.6 | 1450.6 | 1450.6 | 1450.6 |
| 160°   | 1467.4 | 1467.7 | 1467.8 | 1468.2 | 1469.0 | 1469.7 | 1470.5 | 1471.3 | 1470.5 | 1469.7 | 1469.0 |
| 162.5° | 1484.7 | 1485.0 | 1485.1 | 1485.6 | 1486.6 | 1487.7 | 1488.7 | 1489.7 | 1488.7 | 1487.7 | 1486.6 |
| 165°   | 1498.9 | 1498.9 | 1498.9 | 1499.5 | 1500.8 | 1502.1 | 1503.4 | 1504.7 | 1503.4 | 1502.1 | 1500.8 |
| 167.5° | 1511.2 | 1511.5 | 1511.6 | 1512.2 | 1513.5 | 1514.8 | 1516.0 | 1517.3 | 1516.0 | 1514.8 | 1513.5 |
| 170°   | 1521.2 | 1520.9 | 1520.8 | 1521.6 | 1523.1 | 1524.6 | 1526.2 | 1527.7 | 1526.2 | 1524.6 | 1523.1 |
| 172.5° | 1528.1 | 1527.8 | 1527.7 | 1528.5 | 1530.0 | 1531.5 | 1533.1 | 1534.6 | 1533.1 | 1531.5 | 1530.0 |
| 175°   | 1532.7 | 1532.4 | 1532.3 | 1533.1 | 1534.6 | 1536.1 | 1537.7 | 1539.2 | 1537.7 | 1536.1 | 1534.6 |
| 177.5° | 1535.4 | 1534.9 | 1534.6 | 1535.5 | 1537.3 | 1539.1 | 1540.9 | 1542.7 | 1540.9 | 1539.1 | 1537.3 |
| 180°   | 1539.2 | 1539.2 | 1539.2 | 1539.2 | 1539.2 | 1539.2 | 1539.2 | 1539.2 | 1539.2 | 1539.2 | 1539.2 |

TEST NUMBER: P1013406

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**CANDELA DISTRIBUTION (continued):**

|        | 200°   | 202.5° | 205°   | 210°   | 215°   | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1315.7 | 1315.7 | 1315.7 | 1315.7 | 1315.7 | 1315.7 | 1315.7 | 1315.7 | 1315.7 | 1315.7 | 1315.7 |
| 2.5°   | 1294.5 | 1292.4 | 1290.3 | 1281.8 | 1274.4 | 1261.7 | 1251.1 | 1246.8 | 1245.8 | 1246.8 | 1243.6 |
| 5°     | 1257.4 | 1256.4 | 1248.9 | 1234.1 | 1220.3 | 1205.5 | 1194.9 | 1184.3 | 1177.9 | 1177.9 | 1170.5 |
| 7.5°   | 1222.4 | 1215.0 | 1208.6 | 1189.6 | 1173.7 | 1153.5 | 1137.6 | 1128.1 | 1122.8 | 1111.1 | 1111.1 |
| 10°    | 1185.3 | 1174.7 | 1166.2 | 1148.2 | 1124.9 | 1104.7 | 1084.6 | 1072.9 | 1063.4 | 1054.9 | 1051.7 |
| 12.5°  | 1148.2 | 1139.7 | 1123.8 | 1104.7 | 1081.4 | 1056.0 | 1034.8 | 1026.3 | 1004.0 | 986.0  | 987.1  |
| 15°    | 1113.2 | 1094.1 | 1086.7 | 1059.2 | 1031.6 | 1007.2 | 976.5  | 952.1  | 934.0  | 922.4  | 907.5  |
| 17.5°  | 1074.0 | 1054.9 | 1041.1 | 1017.8 | 981.8  | 943.6  | 913.9  | 881.0  | 863.0  | 842.9  | 833.3  |
| 20°    | 1030.5 | 1014.6 | 1004.0 | 966.9  | 923.4  | 877.9  | 845.0  | 824.8  | 804.7  | 789.9  | 781.4  |
| 22.5°  | 993.4  | 973.3  | 960.6  | 910.7  | 863.0  | 817.4  | 792.0  | 775.0  | 758.1  | 745.3  | 741.1  |
| 25°    | 945.7  | 934.0  | 903.3  | 859.8  | 801.5  | 770.8  | 748.5  | 726.2  | 716.7  | 708.2  | 698.7  |
| 27.5°  | 906.5  | 877.9  | 856.7  | 799.4  | 763.4  | 728.4  | 706.1  | 689.1  | 677.5  | 669.0  | 661.6  |
| 30°    | 857.7  | 831.2  | 801.5  | 753.8  | 720.9  | 688.1  | 667.9  | 654.2  | 641.4  | 636.1  | 629.8  |
| 32.5°  | 806.8  | 782.4  | 753.8  | 715.6  | 675.4  | 649.9  | 634.0  | 619.2  | 610.7  | 605.4  | 598.0  |
| 35°    | 761.2  | 730.5  | 711.4  | 675.4  | 642.5  | 613.9  | 599.0  | 586.3  | 576.8  | 574.6  | 573.6  |
| 37.5°  | 712.5  | 689.1  | 671.1  | 634.0  | 606.4  | 582.1  | 568.3  | 554.5  | 549.2  | 548.1  | 543.9  |
| 40°    | 670.1  | 649.9  | 632.9  | 598.0  | 568.3  | 546.0  | 535.4  | 526.9  | 521.6  | 521.6  | 520.6  |
| 42.5°  | 632.9  | 611.7  | 594.8  | 563.0  | 536.5  | 516.3  | 504.7  | 496.2  | 494.1  | 495.1  | 494.1  |
| 45°    | 591.6  | 573.6  | 556.6  | 523.7  | 501.5  | 486.6  | 473.9  | 469.7  | 466.5  | 467.6  | 468.6  |
| 47.5°  | 552.4  | 537.5  | 520.6  | 494.1  | 468.6  | 452.7  | 445.3  | 441.0  | 441.0  | 441.0  | 443.2  |
| 50°    | 517.4  | 500.4  | 485.6  | 458.0  | 434.7  | 422.0  | 415.6  | 410.3  | 411.4  | 412.4  | 413.5  |
| 52.5°  | 476.0  | 461.2  | 450.6  | 423.0  | 406.1  | 390.2  | 382.7  | 383.8  | 382.7  | 382.7  | 384.9  |
| 55°    | 440.0  | 425.1  | 414.5  | 389.1  | 372.1  | 361.5  | 355.2  | 352.0  | 353.1  | 350.9  | 355.2  |
| 57.5°  | 399.7  | 387.0  | 379.6  | 355.2  | 340.3  | 330.8  | 325.5  | 320.2  | 322.3  | 321.2  | 320.2  |
| 60°    | 364.7  | 349.9  | 338.2  | 321.2  | 308.5  | 296.9  | 293.7  | 288.4  | 290.5  | 288.4  | 287.3  |
| 62.5°  | 324.4  | 312.8  | 304.3  | 287.3  | 276.7  | 267.2  | 259.8  | 256.6  | 255.5  | 252.3  | 249.2  |
| 65°    | 284.1  | 277.8  | 269.3  | 252.3  | 241.7  | 234.3  | 230.1  | 226.9  | 225.8  | 217.3  | 207.8  |
| 67.5°  | 247.0  | 242.8  | 234.3  | 221.6  | 212.0  | 204.6  | 198.3  | 193.0  | 186.6  | 180.2  | 174.9  |
| 70°    | 212.0  | 205.7  | 200.4  | 188.7  | 180.2  | 172.8  | 166.5  | 160.1  | 156.9  | 150.6  | 148.4  |
| 72.5°  | 178.1  | 171.8  | 166.5  | 155.9  | 148.4  | 141.0  | 138.9  | 131.5  | 128.3  | 127.2  | 127.2  |
| 75°    | 143.1  | 137.8  | 134.6  | 125.1  | 118.7  | 113.4  | 110.3  | 108.1  | 106.0  | 103.9  | 100.7  |
| 77.5°  | 109.2  | 106.0  | 103.9  | 97.5   | 92.2   | 89.1   | 88.0   | 80.6   | 78.5   | 76.3   | 74.2   |
| 80°    | 79.5   | 78.5   | 76.3   | 71.0   | 68.9   | 61.5   | 61.5   | 59.4   | 58.3   | 58.3   | 58.3   |
| 82.5°  | 54.1   | 52.0   | 50.9   | 45.6   | 44.5   | 43.5   | 42.4   | 41.3   | 42.4   | 41.3   | 42.4   |
| 85°    | 28.6   | 27.6   | 26.5   | 26.5   | 26.5   | 26.5   | 26.5   | 26.5   | 26.5   | 25.4   | 26.5   |
| 87.5°  | 10.6   | 10.6   | 10.6   | 10.6   | 9.5    | 10.6   | 10.6   | 9.5    | 10.6   | 10.6   | 10.6   |
| 90°    | 14.7   | 16.1   | 17.1   | 19.2   | 21.2   | 23.3   | 25.3   | 26.8   | 28.4   | 29.9   | 31.4   |
| 92.5°  | 15.3   | 15.0   | 16.0   | 18.1   | 20.1   | 22.2   | 24.2   | 25.7   | 27.3   | 28.8   | 30.3   |
| 95°    | 28.5   | 24.2   | 24.3   | 24.6   | 24.8   | 25.1   | 25.3   | 26.8   | 28.4   | 29.9   | 31.4   |
| 97.5°  | 143.4  | 146.2  | 132.8  | 105.9  | 79.0   | 52.2   | 25.3   | 26.6   | 27.9   | 29.2   | 30.5   |
| 100°   | 207.2  | 209.5  | 191.9  | 156.6  | 121.3  | 86.0   | 50.7   | 46.3   | 42.0   | 37.6   | 33.3   |
| 102.5° | 277.1  | 278.6  | 280.1  | 283.2  | 286.3  | 289.3  | 292.4  | 234.8  | 177.3  | 119.7  | 62.2   |
| 105°   | 352.6  | 353.4  | 354.0  | 355.3  | 356.6  | 357.9  | 359.2  | 361.5  | 363.8  | 366.1  | 368.4  |
| 107.5° | 424.4  | 424.8  | 425.7  | 427.5  | 429.3  | 431.1  | 432.9  | 434.2  | 435.4  | 436.7  | 438.0  |
| 110°   | 500.4  | 500.8  | 501.6  | 503.1  | 504.6  | 506.2  | 507.7  | 508.2  | 508.7  | 509.2  | 509.7  |

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CATALOG NUMBER: S124RDIP-B795D1205UB2750-4F0-XX-W2A-A\_2700K

**CANDELA DISTRIBUTION (continued):**

|        | 200°   | 202.5° | 205°   | 210°   | 215°   | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 577.1  | 577.9  | 578.2  | 578.7  | 579.2  | 579.7  | 580.2  | 580.0  | 579.7  | 579.5  | 579.2  |
| 115°   | 650.0  | 650.4  | 650.3  | 650.0  | 649.8  | 649.5  | 649.3  | 649.8  | 650.3  | 650.8  | 651.3  |
| 117.5° | 719.0  | 719.5  | 719.9  | 720.7  | 721.4  | 722.2  | 723.0  | 722.7  | 722.5  | 722.2  | 721.9  |
| 120°   | 788.1  | 788.6  | 788.5  | 788.2  | 787.9  | 787.7  | 787.4  | 787.9  | 788.4  | 788.9  | 789.4  |
| 122.5° | 850.5  | 850.8  | 851.1  | 851.6  | 852.1  | 852.6  | 853.1  | 853.3  | 853.6  | 853.8  | 854.1  |
| 125°   | 913.6  | 914.1  | 913.8  | 913.3  | 912.8  | 912.3  | 911.8  | 912.6  | 913.3  | 914.1  | 914.8  |
| 127.5° | 969.2  | 969.3  | 969.9  | 971.2  | 972.5  | 973.8  | 975.1  | 974.8  | 974.6  | 974.3  | 974.0  |
| 130°   | 1025.6 | 1025.7 | 1026.1 | 1026.9 | 1027.6 | 1028.4 | 1029.2 | 1029.5 | 1029.7 | 1030.0 | 1030.3 |
| 132.5° | 1078.4 | 1078.7 | 1079.2 | 1080.2 | 1081.3 | 1082.3 | 1083.3 | 1083.6 | 1083.8 | 1084.1 | 1084.4 |
| 135°   | 1127.2 | 1127.1 | 1127.6 | 1128.6 | 1129.7 | 1130.7 | 1131.7 | 1132.2 | 1132.7 | 1133.2 | 1133.7 |
| 137.5° | 1174.3 | 1174.3 | 1174.9 | 1176.2 | 1177.5 | 1178.7 | 1180.0 | 1180.5 | 1181.0 | 1181.5 | 1182.0 |
| 140°   | 1221.2 | 1221.5 | 1221.8 | 1222.3 | 1222.8 | 1223.3 | 1223.8 | 1224.6 | 1225.3 | 1226.1 | 1226.8 |
| 142.5° | 1263.6 | 1264.1 | 1264.2 | 1264.5 | 1264.7 | 1265.0 | 1265.2 | 1265.7 | 1266.2 | 1266.7 | 1267.2 |
| 145°   | 1303.9 | 1304.3 | 1304.3 | 1304.3 | 1304.3 | 1304.3 | 1304.3 | 1304.6 | 1304.8 | 1305.1 | 1305.4 |
| 147.5° | 1339.2 | 1340.0 | 1339.9 | 1339.6 | 1339.4 | 1339.1 | 1338.9 | 1339.1 | 1339.4 | 1339.6 | 1339.9 |
| 150°   | 1372.9 | 1373.4 | 1373.3 | 1373.0 | 1372.8 | 1372.5 | 1372.3 | 1372.3 | 1372.3 | 1372.3 | 1372.3 |
| 152.5° | 1401.8 | 1402.2 | 1401.9 | 1401.4 | 1400.9 | 1400.4 | 1399.9 | 1400.4 | 1400.9 | 1401.4 | 1401.9 |
| 155°   | 1427.4 | 1427.5 | 1427.1 | 1426.4 | 1425.6 | 1424.9 | 1424.1 | 1425.1 | 1426.1 | 1427.2 | 1428.2 |
| 157.5° | 1450.6 | 1450.6 | 1450.1 | 1449.0 | 1448.0 | 1446.9 | 1445.9 | 1447.2 | 1448.5 | 1449.8 | 1451.1 |
| 160°   | 1468.2 | 1467.8 | 1467.7 | 1467.4 | 1467.2 | 1466.9 | 1466.7 | 1468.2 | 1469.8 | 1471.3 | 1472.8 |
| 162.5° | 1485.6 | 1485.1 | 1485.0 | 1484.7 | 1484.4 | 1484.2 | 1483.9 | 1485.4 | 1487.0 | 1488.5 | 1490.0 |
| 165°   | 1499.5 | 1498.9 | 1498.9 | 1498.9 | 1498.9 | 1498.9 | 1498.9 | 1500.9 | 1503.0 | 1505.0 | 1507.1 |
| 167.5° | 1512.2 | 1511.6 | 1511.5 | 1511.2 | 1510.9 | 1510.7 | 1510.4 | 1512.7 | 1515.0 | 1517.3 | 1519.6 |
| 170°   | 1521.6 | 1520.8 | 1520.9 | 1521.2 | 1521.4 | 1521.7 | 1521.9 | 1523.9 | 1526.0 | 1528.0 | 1530.1 |
| 172.5° | 1528.5 | 1527.7 | 1527.8 | 1528.1 | 1528.3 | 1528.6 | 1528.8 | 1530.8 | 1532.9 | 1534.9 | 1537.0 |
| 175°   | 1533.1 | 1532.3 | 1532.4 | 1532.7 | 1532.9 | 1533.2 | 1533.4 | 1535.7 | 1538.0 | 1540.3 | 1542.6 |
| 177.5° | 1535.5 | 1534.6 | 1534.9 | 1535.4 | 1535.9 | 1536.4 | 1536.9 | 1538.9 | 1541.0 | 1543.0 | 1545.1 |
| 180°   | 1539.2 | 1539.2 | 1539.2 | 1539.2 | 1539.2 | 1539.2 | 1539.2 | 1539.2 | 1539.2 | 1539.2 | 1539.2 |

TEST NUMBER: P1013406

CATALOG NUMBER: S124RDIP-B795D1205UB2750-4F0-XX-W2A-A\_2700K

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°   | 255°   | 260°   | 265°   | 270°   | 275°   | 280°   | 285°   | 290°   | 292.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1315.7 | 1315.7 | 1315.7 | 1315.7 | 1315.7 | 1315.7 | 1315.7 | 1315.7 | 1315.7 | 1315.7 | 1315.7 |
| 2.5°   | 1243.6 | 1247.9 | 1242.6 | 1245.8 | 1238.3 | 1237.3 | 1238.3 | 1238.3 | 1239.4 | 1240.5 | 1241.5 |
| 5°     | 1173.7 | 1172.6 | 1166.2 | 1162.0 | 1158.8 | 1162.0 | 1164.1 | 1166.2 | 1164.1 | 1166.2 | 1167.3 |
| 7.5°   | 1107.9 | 1104.7 | 1101.6 | 1094.1 | 1096.3 | 1094.1 | 1100.5 | 1097.3 | 1097.3 | 1102.6 | 1106.9 |
| 10°    | 1049.6 | 1043.3 | 1041.1 | 1032.6 | 1026.3 | 1025.2 | 1032.6 | 1035.8 | 1039.0 | 1041.1 | 1049.6 |
| 12.5°  | 974.3  | 964.8  | 957.4  | 960.6  | 942.5  | 950.0  | 952.1  | 947.8  | 960.6  | 975.4  | 966.9  |
| 15°    | 893.8  | 894.8  | 880.0  | 874.7  | 859.8  | 864.1  | 865.1  | 875.7  | 886.3  | 885.3  | 898.0  |
| 17.5°  | 834.4  | 828.0  | 815.3  | 814.2  | 807.9  | 811.1  | 810.0  | 818.5  | 815.3  | 820.6  | 831.2  |
| 20°    | 779.3  | 775.0  | 764.4  | 760.2  | 762.3  | 760.2  | 761.2  | 762.3  | 765.5  | 777.1  | 775.0  |
| 22.5°  | 735.8  | 730.5  | 730.5  | 725.2  | 718.8  | 716.7  | 722.0  | 725.2  | 729.4  | 731.5  | 736.8  |
| 25°    | 697.6  | 693.4  | 688.1  | 684.9  | 679.6  | 680.7  | 683.8  | 688.1  | 691.3  | 695.5  | 699.7  |
| 27.5°  | 658.4  | 658.4  | 653.1  | 652.0  | 649.9  | 648.9  | 653.1  | 655.2  | 655.2  | 658.4  | 662.6  |
| 30°    | 627.6  | 627.6  | 622.3  | 621.3  | 620.2  | 620.2  | 623.4  | 624.5  | 625.5  | 628.7  | 630.8  |
| 32.5°  | 598.0  | 596.9  | 594.8  | 595.8  | 594.8  | 595.8  | 595.8  | 596.9  | 599.0  | 600.1  | 604.3  |
| 35°    | 570.4  | 571.5  | 569.3  | 569.3  | 568.3  | 569.3  | 571.5  | 572.5  | 573.6  | 575.7  | 575.7  |
| 37.5°  | 543.9  | 546.0  | 545.0  | 548.1  | 548.1  | 548.1  | 548.1  | 550.3  | 550.3  | 550.3  | 549.2  |
| 40°    | 520.6  | 520.6  | 519.5  | 521.6  | 523.7  | 523.7  | 524.8  | 524.8  | 525.9  | 525.9  | 524.8  |
| 42.5°  | 494.1  | 496.2  | 499.4  | 500.4  | 502.5  | 501.5  | 504.7  | 503.6  | 504.7  | 502.5  | 500.4  |
| 45°    | 469.7  | 469.7  | 473.9  | 478.2  | 479.2  | 479.2  | 479.2  | 481.3  | 479.2  | 476.0  | 475.0  |
| 47.5°  | 443.2  | 445.3  | 447.4  | 452.7  | 453.8  | 453.8  | 453.8  | 453.8  | 451.7  | 451.7  | 451.7  |
| 50°    | 416.7  | 417.7  | 418.8  | 420.9  | 424.1  | 423.0  | 423.0  | 423.0  | 427.3  | 423.0  | 424.1  |
| 52.5°  | 384.9  | 385.9  | 387.0  | 391.2  | 390.2  | 390.2  | 391.2  | 391.2  | 394.4  | 393.3  | 391.2  |
| 55°    | 353.1  | 353.1  | 355.2  | 355.2  | 355.2  | 357.3  | 358.4  | 360.5  | 359.4  | 360.5  | 361.5  |
| 57.5°  | 321.2  | 319.1  | 318.1  | 318.1  | 321.2  | 320.2  | 321.2  | 321.2  | 325.5  | 327.6  | 328.7  |
| 60°    | 284.1  | 284.1  | 283.1  | 276.7  | 276.7  | 275.7  | 278.8  | 281.0  | 283.1  | 292.6  | 291.6  |
| 62.5°  | 246.0  | 241.7  | 237.5  | 238.5  | 232.2  | 235.4  | 233.2  | 235.4  | 241.7  | 249.2  | 250.2  |
| 65°    | 207.8  | 204.6  | 200.4  | 199.3  | 197.2  | 200.4  | 199.3  | 200.4  | 203.6  | 207.8  | 213.1  |
| 67.5°  | 173.9  | 172.8  | 170.7  | 169.6  | 169.6  | 169.6  | 171.8  | 171.8  | 172.8  | 176.0  | 179.2  |
| 70°    | 148.4  | 147.4  | 148.4  | 146.3  | 147.4  | 146.3  | 147.4  | 148.4  | 149.5  | 150.6  | 153.7  |
| 72.5°  | 125.1  | 125.1  | 125.1  | 123.0  | 125.1  | 124.0  | 124.0  | 125.1  | 126.2  | 127.2  | 129.3  |
| 75°    | 99.7   | 97.5   | 95.4   | 93.3   | 92.2   | 94.4   | 95.4   | 94.4   | 97.5   | 101.8  | 101.8  |
| 77.5°  | 75.3   | 74.2   | 74.2   | 74.2   | 75.3   | 74.2   | 76.3   | 75.3   | 76.3   | 76.3   | 78.5   |
| 80°    | 58.3   | 57.3   | 58.3   | 58.3   | 57.3   | 59.4   | 58.3   | 58.3   | 59.4   | 60.4   | 59.4   |
| 82.5°  | 42.4   | 43.5   | 42.4   | 42.4   | 42.4   | 44.5   | 42.4   | 42.4   | 42.4   | 43.5   | 43.5   |
| 85°    | 26.5   | 26.5   | 26.5   | 26.5   | 27.6   | 26.5   | 27.6   | 26.5   | 28.6   | 27.6   | 27.6   |
| 87.5°  | 9.5    | 10.6   | 11.7   | 11.7   | 11.7   | 11.7   | 10.6   | 11.7   | 12.7   | 11.7   | 12.7   |
| 90°    | 32.2   | 32.5   | 33.0   | 33.5   | 34.0   | 34.5   | 34.0   | 33.5   | 33.0   | 32.5   | 32.2   |
| 92.5°  | 31.1   | 31.1   | 31.1   | 31.1   | 31.1   | 31.1   | 31.1   | 31.1   | 31.1   | 31.1   | 31.1   |
| 95°    | 32.2   | 32.3   | 32.6   | 32.9   | 33.1   | 33.4   | 33.1   | 32.9   | 32.6   | 32.3   | 32.2   |
| 97.5°  | 31.1   | 31.2   | 31.5   | 31.7   | 32.0   | 32.2   | 32.0   | 31.7   | 31.5   | 31.2   | 31.1   |
| 100°   | 31.1   | 31.2   | 31.5   | 31.7   | 32.0   | 32.2   | 32.0   | 31.7   | 31.5   | 31.2   | 31.1   |
| 102.5° | 33.4   | 33.4   | 33.4   | 33.4   | 33.4   | 33.4   | 33.4   | 33.4   | 33.4   | 33.4   | 33.4   |
| 105°   | 369.5  | 364.9  | 355.7  | 346.5  | 337.3  | 328.1  | 337.3  | 346.5  | 355.7  | 364.9  | 369.5  |
| 107.5° | 438.6  | 439.1  | 440.1  | 441.2  | 442.2  | 443.2  | 442.2  | 441.2  | 440.1  | 439.1  | 438.6  |
| 110°   | 510.0  | 510.4  | 511.1  | 511.9  | 512.6  | 513.4  | 512.6  | 511.9  | 511.1  | 510.4  | 510.0  |

TEST NUMBER: P1013406

CATALOG NUMBER: S124RDIP-B795D1205UB2750-4F0-XX-W2A-A\_2700K

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°   | 255°   | 260°   | 265°   | 270°   | 275°   | 280°   | 285°   | 290°   | 292.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 579.1  | 579.6  | 580.6  | 581.7  | 582.7  | 583.7  | 582.7  | 581.7  | 580.6  | 579.6  | 579.1  |
| 115°   | 651.6  | 651.6  | 651.6  | 651.6  | 651.6  | 651.6  | 651.6  | 651.6  | 651.6  | 651.6  | 651.6  |
| 117.5° | 721.8  | 721.8  | 721.8  | 721.8  | 721.8  | 721.8  | 721.8  | 721.8  | 721.8  | 721.8  | 721.8  |
| 120°   | 789.7  | 789.4  | 788.9  | 788.4  | 787.9  | 787.4  | 787.9  | 788.4  | 788.9  | 789.4  | 789.7  |
| 122.5° | 854.2  | 853.9  | 853.4  | 852.9  | 852.4  | 851.9  | 852.4  | 852.9  | 853.4  | 853.9  | 854.2  |
| 125°   | 915.2  | 915.3  | 915.6  | 915.9  | 916.1  | 916.4  | 916.1  | 915.9  | 915.6  | 915.3  | 915.2  |
| 127.5° | 973.9  | 973.8  | 973.5  | 973.3  | 973.0  | 972.8  | 973.0  | 973.3  | 973.5  | 973.8  | 973.9  |
| 130°   | 1030.4 | 1030.4 | 1030.4 | 1030.4 | 1030.4 | 1030.4 | 1030.4 | 1030.4 | 1030.4 | 1030.4 | 1030.4 |
| 132.5° | 1084.5 | 1084.4 | 1084.1 | 1083.8 | 1083.6 | 1083.3 | 1083.6 | 1083.8 | 1084.1 | 1084.4 | 1084.5 |
| 135°   | 1134.0 | 1134.3 | 1134.8 | 1135.3 | 1135.8 | 1136.3 | 1135.8 | 1135.3 | 1134.8 | 1134.3 | 1134.0 |
| 137.5° | 1182.3 | 1182.2 | 1181.9 | 1181.7 | 1181.4 | 1181.2 | 1181.4 | 1181.7 | 1181.9 | 1182.2 | 1182.3 |
| 140°   | 1227.2 | 1227.3 | 1227.6 | 1227.9 | 1228.1 | 1228.4 | 1228.1 | 1227.9 | 1227.6 | 1227.3 | 1227.2 |
| 142.5° | 1267.5 | 1267.5 | 1267.5 | 1267.5 | 1267.5 | 1267.5 | 1267.5 | 1267.5 | 1267.5 | 1267.5 | 1267.5 |
| 145°   | 1305.5 | 1305.8 | 1306.3 | 1306.8 | 1307.3 | 1307.8 | 1307.3 | 1306.8 | 1306.3 | 1305.8 | 1305.5 |
| 147.5° | 1340.0 | 1340.1 | 1340.4 | 1340.7 | 1340.9 | 1341.2 | 1340.9 | 1340.7 | 1340.4 | 1340.1 | 1340.0 |
| 150°   | 1372.3 | 1372.4 | 1372.7 | 1372.9 | 1373.2 | 1373.4 | 1373.2 | 1372.9 | 1372.7 | 1372.4 | 1372.3 |
| 152.5° | 1402.2 | 1402.1 | 1401.8 | 1401.6 | 1401.3 | 1401.1 | 1401.3 | 1401.6 | 1401.8 | 1402.1 | 1402.2 |
| 155°   | 1428.7 | 1428.3 | 1427.5 | 1426.8 | 1426.0 | 1425.2 | 1426.0 | 1426.8 | 1427.5 | 1428.3 | 1428.7 |
| 157.5° | 1451.7 | 1451.1 | 1449.8 | 1448.5 | 1447.2 | 1445.9 | 1447.2 | 1448.5 | 1449.8 | 1451.1 | 1451.7 |
| 160°   | 1473.6 | 1472.8 | 1471.3 | 1469.8 | 1468.2 | 1466.7 | 1468.2 | 1469.8 | 1471.3 | 1472.8 | 1473.6 |
| 162.5° | 1490.8 | 1489.9 | 1488.1 | 1486.4 | 1484.6 | 1482.8 | 1484.6 | 1486.4 | 1488.1 | 1489.9 | 1490.8 |
| 165°   | 1508.1 | 1507.0 | 1504.7 | 1502.4 | 1500.1 | 1497.8 | 1500.1 | 1502.4 | 1504.7 | 1507.0 | 1508.1 |
| 167.5° | 1520.8 | 1519.5 | 1517.0 | 1514.4 | 1511.9 | 1509.3 | 1511.9 | 1514.4 | 1517.0 | 1519.5 | 1520.8 |
| 170°   | 1531.1 | 1529.8 | 1527.3 | 1524.7 | 1522.2 | 1519.6 | 1522.2 | 1524.7 | 1527.3 | 1529.8 | 1531.1 |
| 172.5° | 1538.0 | 1536.6 | 1533.8 | 1531.0 | 1528.2 | 1525.4 | 1528.2 | 1531.0 | 1533.8 | 1536.6 | 1538.0 |
| 175°   | 1543.8 | 1542.3 | 1539.2 | 1536.1 | 1533.1 | 1530.0 | 1533.1 | 1536.1 | 1539.2 | 1542.3 | 1543.8 |
| 177.5° | 1546.1 | 1544.6 | 1541.5 | 1538.4 | 1535.4 | 1532.3 | 1535.4 | 1538.4 | 1541.5 | 1544.6 | 1546.1 |
| 180°   | 1539.2 | 1539.2 | 1539.2 | 1539.2 | 1539.2 | 1539.2 | 1539.2 | 1539.2 | 1539.2 | 1539.2 | 1539.2 |

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CATALOG NUMBER: S124RDIP-B795D1205UB2750-4F0-XX-W2A-A\_2700K

**CANDELA DISTRIBUTION (continued):**

|        | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   | 330°   | 335°   | 337.5° | 340°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1315.7 | 1315.7 | 1315.7 | 1315.7 | 1315.7 | 1315.7 | 1315.7 | 1315.7 | 1315.7 | 1315.7 | 1315.7 |
| 2.5°   | 1245.8 | 1251.1 | 1248.9 | 1241.5 | 1244.7 | 1251.1 | 1257.4 | 1265.9 | 1271.2 | 1275.4 | 1277.6 |
| 5°     | 1172.6 | 1182.1 | 1180.0 | 1180.0 | 1184.3 | 1194.9 | 1205.5 | 1223.5 | 1229.8 | 1237.3 | 1247.9 |
| 7.5°   | 1107.9 | 1115.3 | 1121.7 | 1123.8 | 1130.2 | 1144.0 | 1157.8 | 1177.9 | 1193.8 | 1202.3 | 1208.6 |
| 10°    | 1050.7 | 1056.0 | 1065.5 | 1070.8 | 1077.2 | 1094.1 | 1114.3 | 1135.5 | 1151.4 | 1166.2 | 1174.7 |
| 12.5°  | 977.5  | 998.7  | 1011.4 | 1019.9 | 1028.4 | 1053.9 | 1069.8 | 1093.1 | 1112.2 | 1125.9 | 1138.7 |
| 15°    | 895.9  | 921.3  | 928.7  | 961.6  | 982.8  | 1003.0 | 1027.3 | 1054.9 | 1072.9 | 1088.8 | 1105.8 |
| 17.5°  | 827.0  | 845.0  | 853.5  | 888.5  | 906.5  | 938.3  | 973.3  | 1008.3 | 1035.8 | 1047.5 | 1064.5 |
| 20°    | 783.5  | 793.0  | 810.0  | 821.7  | 840.7  | 877.9  | 916.0  | 958.4  | 999.8  | 1011.4 | 1028.4 |
| 22.5°  | 739.0  | 751.7  | 763.4  | 779.3  | 794.1  | 819.5  | 857.7  | 904.4  | 948.9  | 970.1  | 990.2  |
| 25°    | 698.7  | 711.4  | 718.8  | 735.8  | 749.6  | 775.0  | 801.5  | 849.2  | 902.2  | 920.3  | 952.1  |
| 27.5°  | 666.9  | 674.3  | 687.0  | 694.4  | 710.3  | 733.7  | 758.1  | 794.1  | 846.1  | 876.8  | 907.5  |
| 30°    | 635.1  | 640.4  | 651.0  | 661.6  | 673.2  | 689.1  | 716.7  | 751.7  | 799.4  | 825.9  | 856.7  |
| 32.5°  | 603.3  | 611.7  | 618.1  | 625.5  | 638.2  | 657.3  | 676.4  | 710.3  | 748.5  | 778.2  | 808.9  |
| 35°    | 576.8  | 579.9  | 588.4  | 596.9  | 605.4  | 622.3  | 642.5  | 675.4  | 709.3  | 732.6  | 760.2  |
| 37.5°  | 548.1  | 553.4  | 559.8  | 563.0  | 576.8  | 587.4  | 608.6  | 634.0  | 674.3  | 689.1  | 716.7  |
| 40°    | 525.9  | 524.8  | 531.2  | 536.5  | 542.8  | 559.8  | 572.5  | 600.1  | 631.9  | 655.2  | 672.2  |
| 42.5°  | 498.3  | 498.3  | 500.4  | 506.8  | 515.3  | 525.9  | 540.7  | 564.0  | 596.9  | 613.9  | 634.0  |
| 45°    | 476.0  | 472.9  | 473.9  | 478.2  | 483.5  | 494.1  | 508.9  | 529.0  | 561.9  | 575.7  | 596.9  |
| 47.5°  | 449.5  | 446.4  | 446.4  | 450.6  | 454.8  | 462.3  | 473.9  | 497.2  | 523.7  | 541.8  | 557.7  |
| 50°    | 419.8  | 420.9  | 419.8  | 423.0  | 425.1  | 432.6  | 445.3  | 464.4  | 488.8  | 503.6  | 521.6  |
| 52.5°  | 392.3  | 390.2  | 389.1  | 391.2  | 395.5  | 400.8  | 414.5  | 431.5  | 454.8  | 469.7  | 485.6  |
| 55°    | 358.4  | 360.5  | 360.5  | 360.5  | 366.8  | 369.0  | 379.6  | 396.5  | 419.8  | 431.5  | 446.4  |
| 57.5°  | 327.6  | 326.5  | 328.7  | 327.6  | 332.9  | 340.3  | 348.8  | 361.5  | 384.9  | 396.5  | 410.3  |
| 60°    | 293.7  | 294.7  | 295.8  | 295.8  | 300.0  | 307.5  | 317.0  | 328.7  | 347.8  | 359.4  | 372.1  |
| 62.5°  | 252.3  | 257.6  | 262.9  | 265.1  | 271.4  | 276.7  | 283.1  | 295.8  | 312.8  | 321.2  | 332.9  |
| 65°    | 213.1  | 220.5  | 227.9  | 233.2  | 237.5  | 242.8  | 251.3  | 262.9  | 276.7  | 285.2  | 296.9  |
| 67.5°  | 179.2  | 184.5  | 194.0  | 199.3  | 207.8  | 214.2  | 219.5  | 229.0  | 246.0  | 249.2  | 258.7  |
| 70°    | 154.8  | 156.9  | 161.2  | 165.4  | 174.9  | 180.2  | 186.6  | 196.1  | 208.9  | 216.3  | 221.6  |
| 72.5°  | 130.4  | 131.5  | 133.6  | 137.8  | 142.1  | 148.4  | 155.9  | 164.3  | 176.0  | 179.2  | 186.6  |
| 75°    | 103.9  | 110.3  | 110.3  | 113.4  | 116.6  | 119.8  | 126.2  | 134.6  | 142.1  | 147.4  | 151.6  |
| 77.5°  | 77.4   | 80.6   | 82.7   | 88.0   | 92.2   | 95.4   | 99.7   | 106.0  | 110.3  | 114.5  | 117.7  |
| 80°    | 60.4   | 61.5   | 62.6   | 62.6   | 64.7   | 68.9   | 73.2   | 77.4   | 82.7   | 84.8   | 88.0   |
| 82.5°  | 44.5   | 44.5   | 44.5   | 46.6   | 47.7   | 48.8   | 48.8   | 50.9   | 56.2   | 58.3   | 61.5   |
| 85°    | 28.6   | 28.6   | 28.6   | 28.6   | 29.7   | 30.7   | 31.8   | 32.9   | 32.9   | 32.9   | 35.0   |
| 87.5°  | 11.7   | 13.8   | 12.7   | 13.8   | 13.8   | 13.8   | 13.8   | 14.8   | 14.8   | 15.9   | 15.9   |
| 90°    | 31.4   | 29.9   | 28.4   | 26.8   | 25.3   | 23.3   | 21.2   | 19.2   | 17.1   | 16.1   | 14.7   |
| 92.5°  | 30.3   | 28.8   | 27.3   | 25.7   | 24.2   | 22.2   | 20.1   | 18.1   | 16.0   | 15.0   | 15.3   |
| 95°    | 31.4   | 29.9   | 28.4   | 26.8   | 25.3   | 25.1   | 24.8   | 24.6   | 24.3   | 24.2   | 28.5   |
| 97.5°  | 30.5   | 29.2   | 27.9   | 26.6   | 25.3   | 52.2   | 79.0   | 105.9  | 132.8  | 146.2  | 143.4  |
| 100°   | 33.3   | 37.6   | 42.0   | 46.3   | 50.7   | 86.0   | 121.3  | 156.6  | 191.9  | 209.5  | 207.2  |
| 102.5° | 62.2   | 119.7  | 177.3  | 234.8  | 292.4  | 289.3  | 286.3  | 283.2  | 280.1  | 278.6  | 277.1  |
| 105°   | 368.4  | 366.1  | 363.8  | 361.5  | 359.2  | 357.9  | 356.6  | 355.3  | 354.0  | 353.4  | 352.6  |
| 107.5° | 438.0  | 436.7  | 435.4  | 434.2  | 432.9  | 431.1  | 429.3  | 427.5  | 425.7  | 424.8  | 424.4  |
| 110°   | 509.7  | 509.2  | 508.7  | 508.2  | 507.7  | 506.2  | 504.6  | 503.1  | 501.6  | 500.8  | 500.4  |

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**CANDELA DISTRIBUTION (continued):**

|        | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   | 330°   | 335°   | 337.5° | 340°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 579.2  | 579.5  | 579.7  | 580.0  | 580.2  | 579.7  | 579.2  | 578.7  | 578.2  | 577.9  | 577.1  |
| 115°   | 651.3  | 650.8  | 650.3  | 649.8  | 649.3  | 649.5  | 649.8  | 650.0  | 650.3  | 650.4  | 650.0  |
| 117.5° | 721.9  | 722.2  | 722.5  | 722.7  | 723.0  | 722.2  | 721.4  | 720.7  | 719.9  | 719.5  | 719.0  |
| 120°   | 789.4  | 788.9  | 788.4  | 787.9  | 787.4  | 787.7  | 787.9  | 788.2  | 788.5  | 788.6  | 788.1  |
| 122.5° | 854.1  | 853.8  | 853.6  | 853.3  | 853.1  | 852.6  | 852.1  | 851.6  | 851.1  | 850.8  | 850.5  |
| 125°   | 914.8  | 914.1  | 913.3  | 912.6  | 911.8  | 912.3  | 912.8  | 913.3  | 913.8  | 914.1  | 913.6  |
| 127.5° | 974.0  | 974.3  | 974.6  | 974.8  | 975.1  | 973.8  | 972.5  | 971.2  | 969.9  | 969.3  | 969.2  |
| 130°   | 1030.3 | 1030.0 | 1029.7 | 1029.5 | 1029.2 | 1028.4 | 1027.6 | 1026.9 | 1026.1 | 1025.7 | 1025.6 |
| 132.5° | 1084.4 | 1084.1 | 1083.8 | 1083.6 | 1083.3 | 1082.3 | 1081.3 | 1080.2 | 1079.2 | 1078.7 | 1078.4 |
| 135°   | 1133.7 | 1133.2 | 1132.7 | 1132.2 | 1131.7 | 1130.7 | 1129.7 | 1128.6 | 1127.6 | 1127.1 | 1127.2 |
| 137.5° | 1182.0 | 1181.5 | 1181.0 | 1180.5 | 1180.0 | 1178.7 | 1177.5 | 1176.2 | 1174.9 | 1174.3 | 1174.3 |
| 140°   | 1226.8 | 1226.1 | 1225.3 | 1224.6 | 1223.8 | 1223.3 | 1222.8 | 1222.3 | 1221.8 | 1221.5 | 1221.2 |
| 142.5° | 1267.2 | 1266.7 | 1266.2 | 1265.7 | 1265.2 | 1265.0 | 1264.7 | 1264.5 | 1264.2 | 1264.1 | 1263.6 |
| 145°   | 1305.4 | 1305.1 | 1304.8 | 1304.6 | 1304.3 | 1304.3 | 1304.3 | 1304.3 | 1304.3 | 1304.3 | 1303.9 |
| 147.5° | 1339.9 | 1339.6 | 1339.4 | 1339.1 | 1338.9 | 1339.1 | 1339.4 | 1339.6 | 1339.9 | 1340.0 | 1339.2 |
| 150°   | 1372.3 | 1372.3 | 1372.3 | 1372.3 | 1372.3 | 1372.5 | 1372.8 | 1373.0 | 1373.3 | 1373.4 | 1372.9 |
| 152.5° | 1401.9 | 1401.4 | 1400.9 | 1400.4 | 1399.9 | 1400.4 | 1400.9 | 1401.4 | 1401.9 | 1402.2 | 1401.8 |
| 155°   | 1428.2 | 1427.2 | 1426.1 | 1425.1 | 1424.1 | 1424.9 | 1425.6 | 1426.4 | 1427.1 | 1427.5 | 1427.4 |
| 157.5° | 1451.1 | 1449.8 | 1448.5 | 1447.2 | 1445.9 | 1446.9 | 1448.0 | 1449.0 | 1450.1 | 1450.6 | 1450.6 |
| 160°   | 1472.8 | 1471.3 | 1469.8 | 1468.2 | 1466.7 | 1466.9 | 1467.2 | 1467.4 | 1467.7 | 1467.8 | 1468.2 |
| 162.5° | 1490.0 | 1488.5 | 1487.0 | 1485.4 | 1483.9 | 1484.2 | 1484.4 | 1484.7 | 1485.0 | 1485.1 | 1485.6 |
| 165°   | 1507.1 | 1505.0 | 1503.0 | 1500.9 | 1498.9 | 1498.9 | 1498.9 | 1498.9 | 1498.9 | 1498.9 | 1499.5 |
| 167.5° | 1519.6 | 1517.3 | 1515.0 | 1512.7 | 1510.4 | 1510.7 | 1510.9 | 1511.2 | 1511.5 | 1511.6 | 1512.2 |
| 170°   | 1530.1 | 1528.0 | 1526.0 | 1523.9 | 1521.9 | 1521.7 | 1521.4 | 1521.2 | 1520.9 | 1520.8 | 1521.6 |
| 172.5° | 1537.0 | 1534.9 | 1532.9 | 1530.8 | 1528.8 | 1528.6 | 1528.3 | 1528.1 | 1527.8 | 1527.7 | 1528.5 |
| 175°   | 1542.6 | 1540.3 | 1538.0 | 1535.7 | 1533.4 | 1533.2 | 1532.9 | 1532.7 | 1532.4 | 1532.3 | 1533.1 |
| 177.5° | 1545.1 | 1543.0 | 1541.0 | 1538.9 | 1536.9 | 1536.4 | 1535.9 | 1535.4 | 1534.9 | 1534.6 | 1535.5 |
| 180°   | 1539.2 | 1539.2 | 1539.2 | 1539.2 | 1539.2 | 1539.2 | 1539.2 | 1539.2 | 1539.2 | 1539.2 | 1539.2 |

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**CANDELA DISTRIBUTION (continued):**

|        | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|
| 0°     | 1315.7 | 1315.7 | 1315.7 | 1315.7 |
| 2.5°   | 1286.0 | 1292.4 | 1303.0 | 1317.8 |
| 5°     | 1256.4 | 1274.4 | 1291.3 | 1313.6 |
| 7.5°   | 1229.8 | 1251.1 | 1274.4 | 1306.2 |
| 10°    | 1199.1 | 1225.6 | 1255.3 | 1294.5 |
| 12.5°  | 1163.1 | 1200.2 | 1234.1 | 1276.5 |
| 15°    | 1136.5 | 1164.1 | 1207.6 | 1257.4 |
| 17.5°  | 1099.4 | 1136.5 | 1180.0 | 1236.2 |
| 20°    | 1064.5 | 1103.7 | 1152.5 | 1210.8 |
| 22.5°  | 1027.3 | 1071.9 | 1120.6 | 1183.2 |
| 25°    | 989.2  | 1036.9 | 1085.7 | 1152.5 |
| 27.5°  | 954.2  | 997.7  | 1052.8 | 1120.6 |
| 30°    | 911.8  | 961.6  | 1014.6 | 1085.7 |
| 32.5°  | 870.4  | 922.4  | 976.5  | 1047.5 |
| 35°    | 825.9  | 877.9  | 937.2  | 1005.1 |
| 37.5°  | 782.4  | 839.7  | 893.8  | 959.5  |
| 40°    | 734.7  | 794.1  | 850.3  | 917.1  |
| 42.5°  | 688.1  | 749.6  | 805.8  | 863.0  |
| 45°    | 644.6  | 705.0  | 755.9  | 810.0  |
| 47.5°  | 603.3  | 657.3  | 709.3  | 758.1  |
| 50°    | 563.0  | 608.6  | 656.3  | 696.6  |
| 52.5°  | 520.6  | 564.0  | 602.2  | 638.2  |
| 55°    | 482.4  | 516.3  | 550.3  | 583.1  |
| 57.5°  | 436.8  | 470.7  | 500.4  | 525.9  |
| 60°    | 398.6  | 419.8  | 448.5  | 475.0  |
| 62.5°  | 355.2  | 379.6  | 401.8  | 418.8  |
| 65°    | 312.8  | 334.0  | 350.9  | 365.8  |
| 67.5°  | 276.7  | 289.4  | 302.2  | 318.1  |
| 70°    | 233.2  | 243.8  | 258.7  | 270.4  |
| 72.5°  | 196.1  | 204.6  | 212.0  | 225.8  |
| 75°    | 159.0  | 166.5  | 170.7  | 183.4  |
| 77.5°  | 123.0  | 130.4  | 133.6  | 141.0  |
| 80°    | 94.4   | 95.4   | 99.7   | 106.0  |
| 82.5°  | 64.7   | 66.8   | 67.9   | 73.2   |
| 85°    | 37.1   | 42.4   | 41.3   | 43.5   |
| 87.5°  | 15.9   | 17.0   | 19.1   | 21.2   |
| 90°    | 11.9   | 9.1    | 6.3    | 3.5    |
| 92.5°  | 15.8   | 16.3   | 16.8   | 17.3   |
| 95°    | 37.2   | 45.9   | 54.6   | 63.3   |
| 97.5°  | 137.8  | 132.1  | 126.5  | 120.9  |
| 100°   | 202.6  | 198.0  | 193.4  | 188.8  |
| 102.5° | 274.0  | 270.9  | 267.9  | 264.8  |
| 105°   | 351.1  | 349.6  | 348.0  | 346.5  |
| 107.5° | 423.7  | 422.9  | 422.2  | 421.4  |
| 110°   | 499.6  | 498.9  | 498.1  | 497.3  |

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CATALOG NUMBER: S124RDIP-B795D1205UB2750-4F0-XX-W2A-A\_2700K

**CANDELA DISTRIBUTION (continued):**

|        | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|
| 112.5° | 575.6  | 574.1  | 572.5  | 571.0  |
| 115°   | 649.3  | 648.5  | 647.8  | 647.0  |
| 117.5° | 718.0  | 716.9  | 715.9  | 714.9  |
| 120°   | 787.1  | 786.0  | 785.0  | 784.0  |
| 122.5° | 850.0  | 849.5  | 849.0  | 848.5  |
| 125°   | 912.6  | 911.5  | 910.5  | 909.5  |
| 127.5° | 968.9  | 968.7  | 968.4  | 968.2  |
| 130°   | 1025.3 | 1025.1 | 1024.8 | 1024.6 |
| 132.5° | 1077.9 | 1077.4 | 1076.9 | 1076.4 |
| 135°   | 1127.5 | 1127.7 | 1128.0 | 1128.2 |
| 137.5° | 1174.3 | 1174.3 | 1174.3 | 1174.3 |
| 140°   | 1220.7 | 1220.2 | 1219.7 | 1219.2 |
| 142.5° | 1262.5 | 1261.5 | 1260.4 | 1259.4 |
| 145°   | 1303.2 | 1302.4 | 1301.7 | 1300.9 |
| 147.5° | 1337.7 | 1336.2 | 1334.6 | 1333.1 |
| 150°   | 1371.9 | 1370.8 | 1369.8 | 1368.8 |
| 152.5° | 1401.0 | 1400.3 | 1399.5 | 1398.7 |
| 155°   | 1427.1 | 1426.9 | 1426.6 | 1426.4 |
| 157.5° | 1450.6 | 1450.6 | 1450.6 | 1450.6 |
| 160°   | 1469.0 | 1469.7 | 1470.5 | 1471.3 |
| 162.5° | 1486.6 | 1487.7 | 1488.7 | 1489.7 |
| 165°   | 1500.8 | 1502.1 | 1503.4 | 1504.7 |
| 167.5° | 1513.5 | 1514.8 | 1516.0 | 1517.3 |
| 170°   | 1523.1 | 1524.6 | 1526.2 | 1527.7 |
| 172.5° | 1530.0 | 1531.5 | 1533.1 | 1534.6 |
| 175°   | 1534.6 | 1536.1 | 1537.7 | 1539.2 |
| 177.5° | 1537.3 | 1539.1 | 1540.9 | 1542.7 |
| 180°   | 1539.2 | 1539.2 | 1539.2 | 1539.2 |

(END OF REPORT)