

Scaled data based on original data using  
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State  
Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

(formerly Eaton)

Brand: NEO-RAY

Report Number: P332348-930

Luminaire Tested: **S123RDIP-S1000D1025U930-4F0-1E-UDD-A**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P332348-930  
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-5,  
Test Lab: INNOVATION CENTER  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: NEO-RAY  
Catalog Number: S123RDIP-S1000D1025U930-4F0-1E-UDD-A  
Description: DEFINE 3 DIRECT-INDIRECT PENDANT LED LUMINAIRE  
DOWNLIGHT 1000 LUMENS PER FOOT, ASYMMETRIC DIFFUSER, REGRESSED HOUSING  
UPLIGHT 1025 LUMENS PER FOOT, NO LENS  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 6570.5 lumens  
Efficiency: N/A  
Efficacy: 108.6 lumens/watt  
Spacing Criteria (0/90/45): 1.21 / 1.22 / 1.36  
Luminous Opening: Rectangular (W 4' x L: 0.25' x H: 0')  
CIE Type: General Diffuse

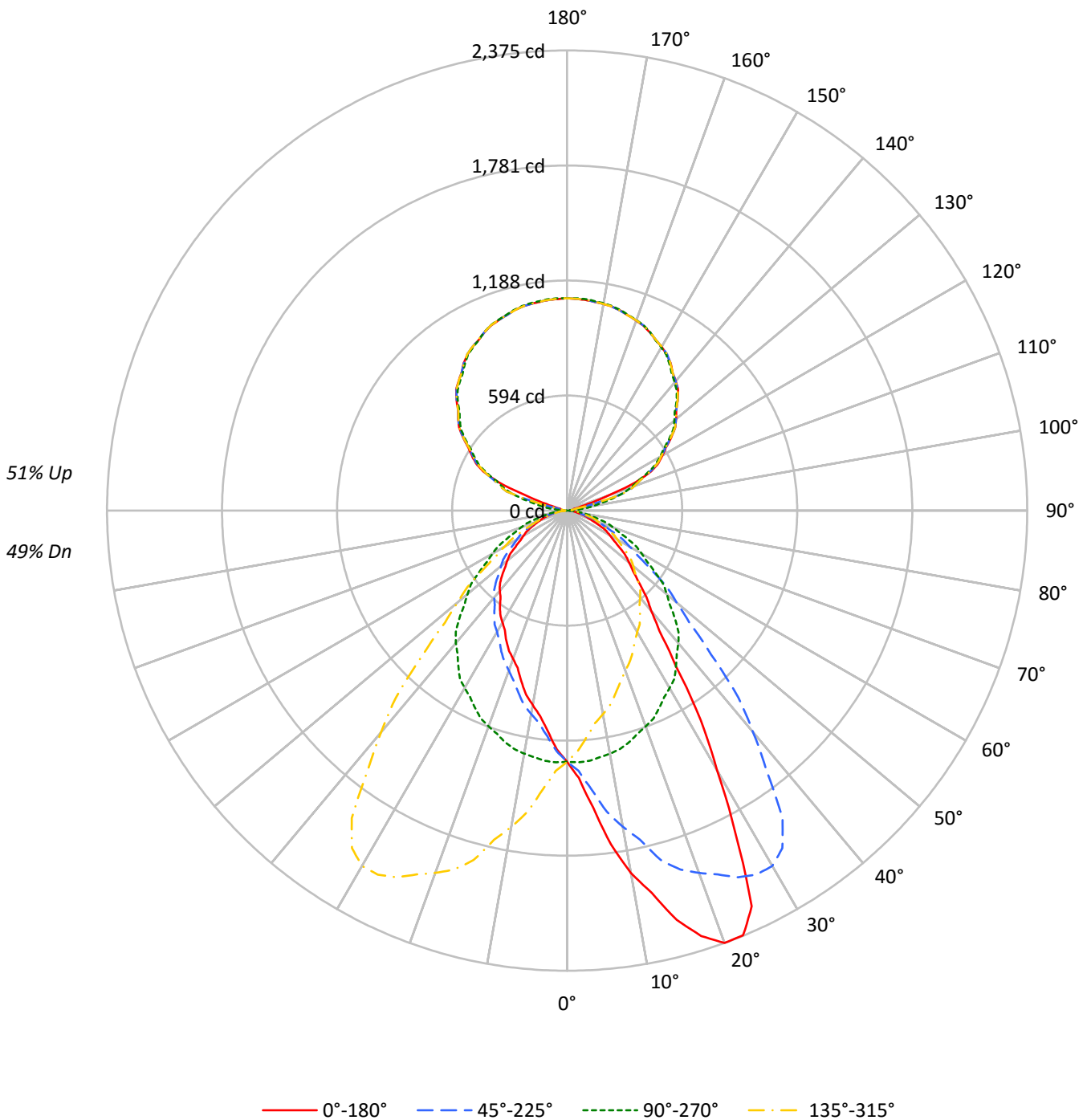
Input Watts (W): 60.5  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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### Luminous Intensity Polar Plot





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

|     |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| RF  | 20  |     |     |     | 20 |    |    |    | 20 |    |    |    | 20 |    |    |    | 20 |    |
| RC  | 80  |     |     |     | 70 |    |    |    | 50 |    |    |    | 30 |    |    |    | 10 | 0  |
| RW  | 70  | 50  | 30  | 10  | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 0  |
| RCR |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 0   | 107 | 107 | 107 | 107 | 99 | 99 | 99 | 99 | 83 | 83 | 83 | 69 | 69 | 69 | 55 | 55 | 55 | 49 |
| 1   | 98  | 94  | 90  | 87  | 90 | 87 | 84 | 81 | 73 | 71 | 69 | 61 | 60 | 58 | 50 | 49 | 48 | 43 |
| 2   | 90  | 83  | 77  | 72  | 83 | 77 | 72 | 67 | 65 | 61 | 58 | 54 | 52 | 50 | 45 | 43 | 41 | 37 |
| 3   | 82  | 73  | 66  | 61  | 76 | 68 | 62 | 57 | 58 | 53 | 50 | 49 | 45 | 43 | 40 | 38 | 36 | 32 |
| 4   | 76  | 65  | 58  | 52  | 70 | 61 | 54 | 49 | 52 | 47 | 43 | 44 | 40 | 37 | 36 | 33 | 31 | 28 |
| 5   | 70  | 58  | 51  | 45  | 64 | 54 | 47 | 42 | 47 | 41 | 37 | 39 | 35 | 32 | 33 | 30 | 28 | 24 |
| 6   | 64  | 53  | 45  | 39  | 59 | 49 | 42 | 37 | 42 | 37 | 33 | 36 | 32 | 29 | 30 | 27 | 24 | 22 |
| 7   | 59  | 48  | 40  | 34  | 55 | 44 | 38 | 33 | 38 | 33 | 29 | 33 | 29 | 25 | 27 | 24 | 22 | 19 |
| 8   | 55  | 43  | 36  | 31  | 51 | 40 | 34 | 29 | 35 | 30 | 26 | 30 | 26 | 23 | 25 | 22 | 20 | 17 |
| 9   | 52  | 40  | 32  | 27  | 48 | 37 | 30 | 26 | 32 | 27 | 23 | 28 | 24 | 21 | 23 | 20 | 18 | 16 |
| 10  | 48  | 36  | 29  | 25  | 45 | 34 | 28 | 23 | 30 | 25 | 21 | 26 | 22 | 19 | 22 | 19 | 16 | 14 |

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

|     | 0°    | 90°   | 180°  | 270°  |
|-----|-------|-------|-------|-------|
| 0°  | 13951 | 13951 | 13951 | 13951 |
| 5°  | 16630 | 14011 | 12337 | 14011 |
| 10° | 20764 | 13930 | 11146 | 13930 |
| 15° | 24373 | 13788 | 10165 | 13788 |
| 20° | 27202 | 13575 | 9330  | 13575 |
| 25° | 26766 | 13351 | 8817  | 13351 |
| 30° | 19240 | 13144 | 8289  | 13144 |
| 35° | 12846 | 12875 | 7947  | 12875 |
| 40° | 9465  | 12552 | 7593  | 12552 |
| 45° | 7939  | 11985 | 7247  | 11985 |
| 50° | 7005  | 11241 | 6764  | 11241 |
| 55° | 6142  | 10393 | 6101  | 10393 |
| 60° | 5470  | 9580  | 5591  | 9580  |
| 65° | 4806  | 8706  | 5201  | 8706  |
| 70° | 3770  | 7928  | 4749  | 7928  |
| 75° | 3323  | 6924  | 4338  | 6924  |
| 80° | 2889  | 5883  | 4265  | 5883  |
| 85° | 2322  | 4730  | 4520  | 4730  |



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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 127.5  | 1.9       |
| 10°-20°   | 398.2  | 6.1       |
| 20°-30°   | 625.6  | 9.5       |
| 30°-40°   | 652.7  | 9.9       |
| 40°-50°   | 558.6  | 8.5       |
| 50°-60°   | 425.7  | 6.5       |
| 60°-70°   | 272.9  | 4.2       |
| 70°-80°   | 131.3  | 2.0       |
| 80°-90°   | 37.8   | 0.6       |
| 90°-100°  | 39.8   | 0.6       |
| 100°-110° | 189.8  | 2.9       |
| 110°-120° | 455.9  | 6.9       |
| 120°-130° | 580.5  | 8.8       |
| 130°-140° | 620.3  | 9.4       |
| 140°-150° | 580.0  | 8.8       |
| 150°-160° | 467.9  | 7.1       |
| 160°-170° | 302.0  | 4.6       |
| 170°-180° | 104.1  | 1.6       |
| 0°-30°    | 1151.2 | 17.5      |
| 0°-40°    | 1803.9 | 27.5      |
| 0°-60°    | 2788.2 | 42.4      |
| 0°-90°    | 3230.1 | 49.2      |
| 90°-120°  | 685.5  | 10.4      |
| 90°-150°  | 2466.4 | 37.5      |
| 90°-180°  | 3340.0 | 50.8      |
| 0°-180°   | 6570.5 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°   | 90°  | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0°   | 1296 | 1296 | 1296 | 1296 | 1296 |      |
| 5°   | 1539 | 1297 | 1142 | 1297 | 1539 | 159  |
| 15°  | 2187 | 1237 | 912  | 1237 | 2187 | 620  |
| 25°  | 2254 | 1124 | 742  | 1124 | 2254 | 969  |
| 35°  | 978  | 980  | 605  | 980  | 978  | 641  |
| 45°  | 522  | 787  | 476  | 787  | 522  | 410  |
| 55°  | 327  | 554  | 325  | 554  | 327  | 296  |
| 65°  | 189  | 342  | 204  | 342  | 189  | 186  |
| 75°  | 80   | 166  | 104  | 166  | 80   | 86   |
| 85°  | 19   | 38   | 37   | 38   | 19   | 22   |
| 90°  | 24   | 1    | 24   | 1    | 24   | 12   |
| 95°  | 31   | 50   | 31   | 50   | 31   | 26   |
| 105° | 36   | 242  | 36   | 242  | 36   | 82   |
| 115° | 478  | 455  | 478  | 455  | 478  | 442  |
| 125° | 654  | 641  | 654  | 641  | 654  | 584  |
| 135° | 806  | 798  | 806  | 798  | 806  | 622  |
| 145° | 930  | 921  | 930  | 921  | 930  | 581  |
| 155° | 1013 | 1015 | 1013 | 1015 | 1013 | 467  |
| 165° | 1068 | 1070 | 1068 | 1070 | 1068 | 301  |
| 175° | 1091 | 1095 | 1091 | 1095 | 1091 | 104  |
| 180° | 1095 | 1095 | 1095 | 1095 | 1095 |      |



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**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 25°    | 30°    | 35°    | 40°    | 45°    | 50°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1296.1 | 1296.1 | 1296.1 | 1296.1 | 1296.1 | 1296.1 | 1296.1 | 1296.1 | 1296.1 | 1296.1 | 1296.1 |
| 2.5°   | 1380.5 | 1382.2 | 1376.5 | 1375.6 | 1368.9 | 1367.1 | 1367.1 | 1357.8 | 1352.0 | 1344.5 | 1340.0 |
| 5°     | 1539.1 | 1548.0 | 1543.5 | 1533.6 | 1516.9 | 1513.0 | 1502.5 | 1485.9 | 1467.0 | 1443.7 | 1432.6 |
| 7.5°   | 1737.3 | 1749.4 | 1744.7 | 1729.3 | 1711.9 | 1697.8 | 1668.1 | 1640.5 | 1601.7 | 1567.7 | 1538.7 |
| 10°    | 1899.7 | 1887.0 | 1877.0 | 1862.1 | 1845.9 | 1819.8 | 1788.8 | 1746.0 | 1696.7 | 1657.8 | 1614.6 |
| 12.5°  | 2021.4 | 2019.3 | 2006.6 | 1991.2 | 1968.5 | 1943.7 | 1905.5 | 1853.5 | 1796.1 | 1740.0 | 1690.4 |
| 15°    | 2187.2 | 2190.5 | 2182.1 | 2166.1 | 2133.9 | 2090.1 | 2032.4 | 2010.8 | 1928.6 | 1867.6 | 1806.5 |
| 17.5°  | 2301.9 | 2301.3 | 2300.1 | 2277.9 | 2245.0 | 2213.8 | 2160.3 | 2103.4 | 2029.0 | 1943.0 | 1860.8 |
| 20°    | 2374.7 | 2369.2 | 2370.2 | 2345.3 | 2320.9 | 2284.8 | 2232.7 | 2150.0 | 2089.0 | 1989.7 | 1904.8 |
| 22.5°  | 2372.9 | 2371.8 | 2376.0 | 2367.5 | 2349.8 | 2322.1 | 2281.0 | 2211.3 | 2133.3 | 2033.1 | 1937.6 |
| 25°    | 2253.7 | 2249.3 | 2275.4 | 2282.6 | 2310.9 | 2315.9 | 2303.7 | 2265.4 | 2191.6 | 2088.4 | 1970.3 |
| 27.5°  | 1886.2 | 1883.7 | 1932.2 | 1992.8 | 2069.6 | 2129.2 | 2187.0 | 2214.8 | 2191.6 | 2117.7 | 1999.3 |
| 30°    | 1548.0 | 1600.2 | 1624.6 | 1712.2 | 1809.9 | 1926.4 | 2028.5 | 2125.6 | 2149.5 | 2117.3 | 2020.1 |
| 32.5°  | 1285.2 | 1330.7 | 1351.1 | 1426.4 | 1517.4 | 1653.8 | 1807.0 | 1944.5 | 2041.6 | 2066.2 | 2007.8 |
| 35°    | 977.6  | 978.2  | 1024.7 | 1058.1 | 1142.4 | 1282.8 | 1431.5 | 1615.7 | 1798.8 | 1937.5 | 1951.9 |
| 37.5°  | 780.1  | 782.9  | 811.1  | 844.2  | 907.5  | 981.7  | 1112.6 | 1265.8 | 1477.3 | 1690.3 | 1815.1 |
| 40°    | 673.6  | 678.6  | 699.7  | 732.4  | 777.9  | 833.9  | 936.0  | 1080.3 | 1256.7 | 1493.6 | 1687.3 |
| 42.5°  | 605.2  | 613.3  | 624.2  | 649.4  | 677.6  | 730.0  | 812.6  | 924.1  | 1084.5 | 1308.6 | 1531.9 |
| 45°    | 521.5  | 525.9  | 534.3  | 545.9  | 571.4  | 608.1  | 663.6  | 738.5  | 871.6  | 1052.0 | 1275.5 |
| 47.5°  | 460.1  | 457.7  | 466.5  | 476.0  | 492.9  | 517.9  | 555.1  | 616.2  | 711.2  | 855.9  | 1045.5 |
| 50°    | 418.3  | 417.8  | 423.9  | 431.1  | 447.2  | 465.5  | 496.0  | 542.1  | 617.5  | 737.4  | 911.0  |
| 52.5°  | 379.3  | 381.4  | 385.7  | 394.7  | 406.3  | 421.1  | 448.5  | 481.7  | 546.5  | 650.0  | 794.8  |
| 55°    | 327.3  | 329.1  | 335.1  | 340.1  | 348.5  | 363.4  | 380.6  | 408.4  | 452.7  | 524.9  | 644.2  |
| 57.5°  | 283.4  | 282.7  | 288.5  | 289.8  | 299.1  | 311.4  | 324.7  | 346.3  | 378.4  | 432.0  | 512.3  |
| 60°    | 254.1  | 252.4  | 257.5  | 261.3  | 266.4  | 276.3  | 287.4  | 308.5  | 334.0  | 373.4  | 442.2  |
| 62.5°  | 227.5  | 226.7  | 230.4  | 234.2  | 238.4  | 247.4  | 256.8  | 273.0  | 293.2  | 326.4  | 381.0  |
| 65°    | 188.7  | 190.3  | 192.0  | 193.6  | 195.8  | 201.4  | 210.3  | 221.4  | 235.2  | 258.5  | 297.9  |
| 67.5°  | 148.2  | 149.9  | 150.5  | 153.9  | 158.7  | 162.2  | 167.5  | 177.4  | 187.1  | 206.8  | 229.2  |
| 70°    | 119.8  | 119.3  | 119.8  | 121.5  | 127.6  | 133.7  | 141.0  | 148.1  | 154.3  | 168.1  | 186.9  |
| 72.5°  | 103.0  | 102.0  | 103.5  | 103.8  | 106.7  | 108.4  | 113.0  | 119.8  | 127.6  | 137.1  | 150.6  |
| 75°    | 79.9   | 79.9   | 79.9   | 79.9   | 82.1   | 83.2   | 84.9   | 86.6   | 89.4   | 93.8   | 103.8  |
| 77.5°  | 59.0   | 59.1   | 59.9   | 60.5   | 60.9   | 61.6   | 62.6   | 64.2   | 65.2   | 67.6   | 71.9   |
| 80°    | 46.6   | 47.1   | 46.6   | 47.1   | 47.1   | 48.3   | 48.8   | 50.5   | 51.0   | 53.8   | 55.5   |
| 82.5°  | 35.1   | 34.7   | 35.1   | 35.6   | 35.6   | 36.8   | 36.9   | 38.1   | 38.2   | 39.6   | 41.3   |
| 85°    | 18.8   | 17.8   | 18.8   | 18.3   | 19.4   | 18.3   | 18.8   | 20.0   | 20.0   | 20.5   | 22.7   |
| 87.5°  | 9.3    | 10.1   | 9.2    | 9.5    | 9.5    | 9.8    | 9.7    | 9.5    | 10.3   | 9.7    | 9.6    |
| 90°    | 24.4   | 24.1   | 23.7   | 23.3   | 23.0   | 22.4   | 21.7   | 21.0   | 20.2   | 19.6   | 17.2   |
| 92.5°  | 27.0   | 26.8   | 26.6   | 26.3   | 26.2   | 25.4   | 24.3   | 23.2   | 22.0   | 20.9   | 19.1   |
| 95°    | 30.9   | 30.9   | 30.9   | 30.9   | 30.9   | 30.3   | 29.0   | 27.7   | 26.5   | 25.2   | 23.2   |
| 97.5°  | 33.5   | 33.3   | 33.2   | 33.0   | 32.8   | 32.0   | 30.6   | 29.1   | 27.6   | 26.2   | 39.2   |
| 100°   | 34.2   | 34.0   | 33.8   | 33.7   | 33.4   | 32.6   | 31.2   | 29.8   | 28.3   | 26.8   | 55.0   |
| 102.5° | 34.8   | 34.5   | 34.2   | 33.8   | 33.5   | 35.6   | 40.1   | 44.6   | 49.1   | 53.6   | 84.4   |
| 105°   | 35.8   | 35.5   | 35.1   | 34.7   | 34.3   | 50.2   | 82.2   | 114.2  | 146.2  | 178.2  | 194.5  |
| 107.5° | 112.4  | 136.6  | 160.7  | 184.8  | 209.0  | 232.8  | 256.2  | 279.7  | 303.2  | 326.7  | 324.1  |
| 110°   | 223.8  | 249.6  | 275.5  | 301.3  | 327.3  | 343.2  | 349.1  | 355.1  | 361.0  | 367.0  | 365.0  |



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**CANDELA DISTRIBUTION (continued):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 25°    | 30°    | 35°    | 40°    | 45°    | 50°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 383.9  | 389.4  | 394.8  | 400.3  | 405.8  | 408.5  | 408.4  | 408.2  | 408.1  | 408.1  | 406.0  |
| 115°   | 478.5  | 477.8  | 477.0  | 476.3  | 475.6  | 474.3  | 472.5  | 470.8  | 469.0  | 467.1  | 465.5  |
| 117.5° | 531.6  | 531.4  | 531.2  | 531.2  | 531.0  | 530.2  | 528.7  | 527.3  | 525.9  | 524.4  | 523.6  |
| 120°   | 568.0  | 568.0  | 568.0  | 568.0  | 568.0  | 567.3  | 565.8  | 564.4  | 563.0  | 561.5  | 561.0  |
| 122.5° | 603.8  | 603.6  | 603.6  | 603.4  | 603.2  | 602.7  | 601.7  | 600.6  | 599.7  | 598.6  | 597.9  |
| 125°   | 654.3  | 654.0  | 653.5  | 653.2  | 652.8  | 652.5  | 652.1  | 651.8  | 651.4  | 651.0  | 650.3  |
| 127.5° | 702.8  | 703.1  | 703.5  | 703.8  | 704.3  | 704.1  | 703.5  | 703.0  | 702.4  | 701.8  | 700.9  |
| 130°   | 734.0  | 734.4  | 734.7  | 735.2  | 735.5  | 735.3  | 734.6  | 733.9  | 733.1  | 732.4  | 731.6  |
| 132.5° | 762.7  | 763.2  | 763.7  | 764.2  | 764.7  | 764.6  | 763.9  | 763.1  | 762.5  | 761.7  | 761.2  |
| 135°   | 806.5  | 807.0  | 807.6  | 808.1  | 808.6  | 808.6  | 808.1  | 807.6  | 807.0  | 806.5  | 805.8  |
| 137.5° | 847.7  | 848.0  | 848.4  | 848.7  | 849.1  | 848.8  | 848.0  | 847.1  | 846.2  | 845.4  | 845.0  |
| 140°   | 872.4  | 872.8  | 873.1  | 873.4  | 873.8  | 873.7  | 872.9  | 872.2  | 871.5  | 870.7  | 870.3  |
| 142.5° | 895.2  | 895.7  | 896.2  | 896.7  | 897.2  | 897.2  | 896.6  | 896.0  | 895.4  | 894.9  | 894.3  |
| 145°   | 930.2  | 930.2  | 930.2  | 930.2  | 930.2  | 930.0  | 929.6  | 929.3  | 928.9  | 928.5  | 928.1  |
| 147.5° | 956.2  | 957.0  | 957.9  | 958.7  | 959.5  | 959.8  | 959.4  | 959.0  | 958.7  | 958.3  | 958.0  |
| 150°   | 975.8  | 976.2  | 976.8  | 977.4  | 977.9  | 978.0  | 977.6  | 977.3  | 976.9  | 976.6  | 976.2  |
| 152.5° | 991.3  | 992.2  | 993.0  | 993.8  | 994.7  | 994.7  | 994.1  | 993.4  | 992.8  | 992.1  | 992.0  |
| 155°   | 1013.2 | 1014.2 | 1015.4 | 1016.4 | 1017.5 | 1017.6 | 1016.7 | 1015.8 | 1014.9 | 1014.0 | 1013.8 |
| 157.5° | 1031.6 | 1033.0 | 1034.4 | 1035.8 | 1037.2 | 1037.4 | 1036.2 | 1035.2 | 1034.1 | 1033.0 | 1033.2 |
| 160°   | 1043.3 | 1044.6 | 1045.8 | 1047.1 | 1048.3 | 1048.4 | 1047.3 | 1046.3 | 1045.2 | 1044.1 | 1044.2 |
| 162.5° | 1054.3 | 1055.5 | 1056.5 | 1057.7 | 1058.8 | 1058.7 | 1057.5 | 1056.3 | 1055.1 | 1053.9 | 1054.0 |
| 165°   | 1067.7 | 1068.9 | 1070.2 | 1071.5 | 1072.8 | 1072.7 | 1071.2 | 1069.8 | 1068.3 | 1066.9 | 1067.1 |
| 167.5° | 1077.3 | 1078.7 | 1080.2 | 1081.7 | 1083.0 | 1083.0 | 1081.7 | 1080.2 | 1078.7 | 1077.3 | 1077.3 |
| 170°   | 1083.1 | 1084.6 | 1086.1 | 1087.5 | 1088.9 | 1088.9 | 1087.5 | 1086.1 | 1084.6 | 1083.1 | 1083.1 |
| 172.5° | 1086.4 | 1088.0 | 1089.6 | 1091.2 | 1092.7 | 1092.8 | 1091.4 | 1090.0 | 1088.5 | 1087.0 | 1086.9 |
| 175°   | 1091.3 | 1092.7 | 1094.2 | 1095.6 | 1097.1 | 1097.1 | 1095.9 | 1094.6 | 1093.4 | 1092.1 | 1091.9 |
| 177.5° | 1092.7 | 1094.2 | 1095.7 | 1097.1 | 1098.5 | 1098.7 | 1097.6 | 1096.3 | 1095.2 | 1094.1 | 1093.9 |
| 180°   | 1095.4 | 1095.4 | 1095.4 | 1095.4 | 1095.4 | 1095.4 | 1095.4 | 1095.4 | 1095.4 | 1095.4 | 1095.4 |



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CATALOG NUMBER: S123RDIP-S1000D1025U930-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 55°    | 60°    | 65°    | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    | 100°   | 105°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1296.1 | 1296.1 | 1296.1 | 1296.1 | 1296.1 | 1296.1 | 1296.1 | 1296.1 | 1296.1 | 1296.1 | 1296.1 |
| 2.5°   | 1338.2 | 1336.9 | 1330.7 | 1323.6 | 1314.3 | 1308.1 | 1303.2 | 1300.6 | 1292.6 | 1282.8 | 1276.1 |
| 5°     | 1420.9 | 1404.3 | 1386.6 | 1364.9 | 1344.9 | 1324.4 | 1311.7 | 1296.7 | 1278.3 | 1257.8 | 1243.4 |
| 7.5°   | 1509.5 | 1476.8 | 1441.7 | 1405.4 | 1369.5 | 1337.4 | 1309.0 | 1284.7 | 1255.5 | 1226.0 | 1205.4 |
| 10°    | 1577.4 | 1529.7 | 1480.3 | 1429.8 | 1383.7 | 1340.5 | 1307.2 | 1274.5 | 1239.5 | 1205.7 | 1180.1 |
| 12.5°  | 1639.1 | 1576.3 | 1519.4 | 1457.3 | 1398.4 | 1346.7 | 1298.8 | 1260.3 | 1218.2 | 1182.1 | 1153.1 |
| 15°    | 1717.2 | 1652.9 | 1584.0 | 1489.7 | 1411.5 | 1346.1 | 1287.8 | 1237.3 | 1186.3 | 1141.8 | 1113.5 |
| 17.5°  | 1790.2 | 1693.4 | 1600.9 | 1522.2 | 1420.6 | 1338.8 | 1267.7 | 1207.3 | 1151.3 | 1104.2 | 1069.4 |
| 20°    | 1820.4 | 1726.6 | 1626.2 | 1525.8 | 1426.0 | 1334.4 | 1251.7 | 1185.1 | 1126.9 | 1073.6 | 1041.5 |
| 22.5°  | 1838.6 | 1732.4 | 1626.7 | 1518.7 | 1412.6 | 1317.5 | 1235.7 | 1162.5 | 1099.3 | 1048.7 | 1009.0 |
| 25°    | 1859.8 | 1733.3 | 1616.8 | 1510.3 | 1402.1 | 1298.9 | 1201.8 | 1124.1 | 1055.9 | 1002.0 | 959.9  |
| 27.5°  | 1873.8 | 1725.0 | 1587.3 | 1468.8 | 1359.1 | 1256.4 | 1167.3 | 1085.0 | 1015.8 | 958.9  | 913.6  |
| 30°    | 1876.5 | 1718.3 | 1564.6 | 1436.5 | 1324.9 | 1230.6 | 1136.3 | 1057.5 | 984.3  | 923.8  | 881.7  |
| 32.5°  | 1880.0 | 1701.9 | 1534.0 | 1397.8 | 1283.7 | 1190.3 | 1104.8 | 1029.6 | 954.6  | 895.0  | 851.9  |
| 35°    | 1865.4 | 1692.8 | 1487.5 | 1331.1 | 1216.8 | 1126.3 | 1049.2 | 979.8  | 906.0  | 848.3  | 804.5  |
| 37.5°  | 1802.3 | 1656.8 | 1439.3 | 1255.8 | 1136.3 | 1052.6 | 989.7  | 929.3  | 861.5  | 799.3  | 758.0  |
| 40°    | 1738.9 | 1621.2 | 1402.1 | 1210.1 | 1085.2 | 999.2  | 942.6  | 893.3  | 827.9  | 769.6  | 725.2  |
| 42.5°  | 1644.3 | 1572.9 | 1366.6 | 1162.1 | 1027.5 | 944.7  | 896.9  | 850.7  | 793.2  | 734.0  | 692.4  |
| 45°    | 1470.9 | 1480.3 | 1293.9 | 1085.8 | 947.6  | 864.5  | 819.5  | 787.3  | 736.3  | 687.5  | 644.7  |
| 47.5°  | 1253.4 | 1341.6 | 1208.5 | 1004.4 | 863.4  | 785.3  | 746.0  | 718.0  | 683.5  | 635.6  | 596.6  |
| 50°    | 1111.3 | 1237.3 | 1140.2 | 949.9  | 810.7  | 733.0  | 694.1  | 671.3  | 641.4  | 603.6  | 566.5  |
| 52.5°  | 980.4  | 1115.7 | 1057.6 | 889.1  | 753.3  | 682.3  | 644.4  | 625.7  | 601.9  | 566.4  | 532.7  |
| 55°    | 799.5  | 936.5  | 923.2  | 797.3  | 667.5  | 603.6  | 574.8  | 553.8  | 537.6  | 511.0  | 484.4  |
| 57.5°  | 646.7  | 776.7  | 783.5  | 695.2  | 591.8  | 528.7  | 503.9  | 488.0  | 477.5  | 457.4  | 432.8  |
| 60°    | 550.4  | 669.7  | 693.0  | 626.4  | 537.6  | 482.2  | 457.7  | 445.0  | 436.7  | 420.5  | 401.7  |
| 62.5°  | 470.5  | 572.0  | 598.4  | 550.5  | 485.7  | 433.7  | 414.7  | 402.4  | 396.7  | 382.9  | 366.2  |
| 65°    | 360.1  | 444.4  | 469.9  | 443.3  | 409.4  | 367.9  | 352.3  | 341.8  | 336.8  | 329.1  | 316.8  |
| 67.5°  | 270.8  | 332.2  | 360.2  | 341.4  | 329.2  | 303.0  | 293.1  | 287.4  | 283.0  | 277.6  | 267.4  |
| 70°    | 217.5  | 263.0  | 291.9  | 286.8  | 276.9  | 263.0  | 255.8  | 251.9  | 247.4  | 243.0  | 234.2  |
| 72.5°  | 174.9  | 206.2  | 233.3  | 235.8  | 227.6  | 224.9  | 218.5  | 216.9  | 214.2  | 208.9  | 204.0  |
| 75°    | 115.9  | 137.6  | 156.5  | 163.7  | 167.0  | 169.7  | 167.0  | 166.5  | 165.9  | 161.4  | 158.7  |
| 77.5°  | 76.0   | 87.6   | 99.5   | 111.9  | 117.1  | 120.8  | 121.7  | 123.8  | 122.3  | 119.9  | 118.6  |
| 80°    | 58.3   | 61.1   | 69.4   | 79.9   | 88.2   | 91.6   | 93.8   | 94.9   | 94.3   | 93.8   | 91.6   |
| 82.5°  | 42.3   | 44.6   | 48.5   | 55.9   | 62.9   | 68.5   | 69.8   | 69.5   | 70.8   | 71.1   | 69.4   |
| 85°    | 22.7   | 23.3   | 24.4   | 25.5   | 29.4   | 35.5   | 37.2   | 38.3   | 39.4   | 39.4   | 36.0   |
| 87.5°  | 10.0   | 9.1    | 9.5    | 9.1    | 10.1   | 10.2   | 12.5   | 14.3   | 15.2   | 13.8   | 14.1   |
| 90°    | 14.8   | 12.5   | 10.1   | 8.1    | 6.3    | 4.4    | 2.6    | 0.8    | 2.6    | 4.4    | 6.3    |
| 92.5°  | 17.3   | 15.5   | 13.8   | 13.1   | 13.6   | 14.1   | 14.6   | 15.2   | 14.6   | 14.1   | 13.6   |
| 95°    | 21.3   | 19.2   | 17.3   | 20.0   | 27.4   | 34.8   | 42.2   | 49.7   | 42.2   | 34.8   | 27.4   |
| 97.5°  | 52.3   | 65.3   | 78.3   | 86.4   | 89.8   | 93.1   | 96.4   | 99.8   | 96.4   | 93.1   | 89.8   |
| 100°   | 83.2   | 111.5  | 139.7  | 152.0  | 148.4  | 144.8  | 141.1  | 137.5  | 141.1  | 144.8  | 148.4  |
| 102.5° | 115.2  | 146.0  | 176.8  | 190.9  | 188.3  | 185.7  | 183.1  | 180.5  | 183.1  | 185.7  | 188.3  |
| 105°   | 210.8  | 227.1  | 243.3  | 250.5  | 248.5  | 246.5  | 244.5  | 242.5  | 244.5  | 246.5  | 248.5  |
| 107.5° | 321.6  | 318.9  | 316.4  | 314.3  | 312.7  | 311.1  | 309.6  | 307.9  | 309.6  | 311.1  | 312.7  |
| 110°   | 363.1  | 361.0  | 359.1  | 357.3  | 355.9  | 354.4  | 353.0  | 351.6  | 353.0  | 354.4  | 355.9  |





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**CANDELA DISTRIBUTION (continued):**

|        | 55°    | 60°    | 65°    | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    | 100°   | 105°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 404.1  | 402.1  | 400.1  | 398.4  | 397.1  | 395.8  | 394.5  | 393.2  | 394.5  | 395.8  | 397.1  |
| 115°   | 463.8  | 462.2  | 460.6  | 459.3  | 458.2  | 457.1  | 456.0  | 454.9  | 456.0  | 457.1  | 458.2  |
| 117.5° | 522.8  | 521.9  | 521.1  | 520.0  | 518.7  | 517.3  | 516.0  | 514.6  | 516.0  | 517.3  | 518.7  |
| 120°   | 560.4  | 559.9  | 559.4  | 558.2  | 556.6  | 555.0  | 553.3  | 551.7  | 553.3  | 555.0  | 556.6  |
| 122.5° | 597.3  | 596.6  | 595.9  | 594.8  | 593.5  | 592.2  | 590.8  | 589.5  | 590.8  | 592.2  | 593.5  |
| 125°   | 649.5  | 648.9  | 648.2  | 647.0  | 645.6  | 644.2  | 642.7  | 641.2  | 642.7  | 644.2  | 645.6  |
| 127.5° | 700.1  | 699.2  | 698.3  | 697.2  | 695.7  | 694.3  | 692.8  | 691.4  | 692.8  | 694.3  | 695.7  |
| 130°   | 731.0  | 730.3  | 729.5  | 728.5  | 727.0  | 725.5  | 724.1  | 722.7  | 724.1  | 725.5  | 727.0  |
| 132.5° | 760.5  | 759.9  | 759.4  | 758.4  | 756.9  | 755.5  | 754.1  | 752.6  | 754.1  | 755.5  | 756.9  |
| 135°   | 805.0  | 804.3  | 803.6  | 802.7  | 801.6  | 800.5  | 799.4  | 798.3  | 799.4  | 800.5  | 801.6  |
| 137.5° | 844.6  | 844.2  | 843.8  | 842.9  | 841.6  | 840.2  | 838.8  | 837.4  | 838.8  | 840.2  | 841.6  |
| 140°   | 869.7  | 869.1  | 868.6  | 867.8  | 866.7  | 865.6  | 864.5  | 863.4  | 864.5  | 865.6  | 866.7  |
| 142.5° | 893.7  | 893.2  | 892.7  | 891.9  | 890.8  | 889.7  | 888.6  | 887.5  | 888.6  | 889.7  | 890.8  |
| 145°   | 927.8  | 927.5  | 927.1  | 926.3  | 925.0  | 923.7  | 922.5  | 921.2  | 922.5  | 923.7  | 925.0  |
| 147.5° | 957.6  | 957.2  | 956.8  | 956.3  | 955.4  | 954.6  | 953.8  | 952.9  | 953.8  | 954.6  | 955.4  |
| 150°   | 975.8  | 975.4  | 975.1  | 974.6  | 974.1  | 973.5  | 973.1  | 972.5  | 973.1  | 973.5  | 974.1  |
| 152.5° | 991.7  | 991.5  | 991.3  | 991.1  | 990.8  | 990.6  | 990.3  | 990.0  | 990.3  | 990.6  | 990.8  |
| 155°   | 1013.6 | 1013.4 | 1013.3 | 1013.3 | 1013.7 | 1014.1 | 1014.4 | 1014.8 | 1014.4 | 1014.1 | 1013.7 |
| 157.5° | 1033.4 | 1033.6 | 1033.7 | 1033.9 | 1033.9 | 1034.0 | 1034.0 | 1034.0 | 1034.0 | 1034.0 | 1033.9 |
| 160°   | 1044.5 | 1044.6 | 1044.8 | 1045.0 | 1045.2 | 1045.4 | 1045.5 | 1045.7 | 1045.5 | 1045.4 | 1045.2 |
| 162.5° | 1054.2 | 1054.4 | 1054.6 | 1054.9 | 1055.4 | 1055.8 | 1056.3 | 1056.8 | 1056.3 | 1055.8 | 1055.4 |
| 165°   | 1067.2 | 1067.4 | 1067.6 | 1068.0 | 1068.5 | 1069.0 | 1069.6 | 1070.2 | 1069.6 | 1069.0 | 1068.5 |
| 167.5° | 1077.3 | 1077.3 | 1077.3 | 1077.7 | 1078.4 | 1079.1 | 1079.9 | 1080.5 | 1079.9 | 1079.1 | 1078.4 |
| 170°   | 1083.1 | 1083.1 | 1083.1 | 1083.5 | 1084.3 | 1085.0 | 1085.7 | 1086.4 | 1085.7 | 1085.0 | 1084.3 |
| 172.5° | 1086.8 | 1086.6 | 1086.5 | 1086.9 | 1087.7 | 1088.6 | 1089.5 | 1090.3 | 1089.5 | 1088.6 | 1087.7 |
| 175°   | 1091.8 | 1091.5 | 1091.4 | 1091.8 | 1092.7 | 1093.6 | 1094.5 | 1095.4 | 1094.5 | 1093.6 | 1092.7 |
| 177.5° | 1093.8 | 1093.6 | 1093.5 | 1093.8 | 1094.5 | 1095.2 | 1095.9 | 1096.7 | 1095.9 | 1095.2 | 1094.5 |
| 180°   | 1095.4 | 1095.4 | 1095.4 | 1095.4 | 1095.4 | 1095.4 | 1095.4 | 1095.4 | 1095.4 | 1095.4 | 1095.4 |



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**CANDELA DISTRIBUTION (continued):**

|        | 110°   | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   | 150°   | 155°   | 160°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1296.1 | 1296.1 | 1296.1 | 1296.1 | 1296.1 | 1296.1 | 1296.1 | 1296.1 | 1296.1 | 1296.1 | 1296.1 |
| 2.5°   | 1273.9 | 1268.1 | 1264.1 | 1255.2 | 1249.5 | 1243.2 | 1237.1 | 1241.0 | 1240.6 | 1240.2 | 1240.2 |
| 5°     | 1231.2 | 1218.4 | 1206.8 | 1191.8 | 1182.3 | 1170.7 | 1161.8 | 1160.7 | 1162.9 | 1155.2 | 1150.7 |
| 7.5°   | 1188.8 | 1171.3 | 1154.9 | 1138.3 | 1120.8 | 1106.8 | 1098.0 | 1093.9 | 1088.3 | 1083.5 | 1078.5 |
| 10°    | 1159.0 | 1138.6 | 1122.4 | 1101.9 | 1083.0 | 1066.4 | 1055.9 | 1048.6 | 1044.7 | 1040.9 | 1033.6 |
| 12.5°  | 1128.5 | 1108.3 | 1087.9 | 1064.6 | 1046.7 | 1027.4 | 1019.5 | 1011.4 | 1004.0 | 999.6  | 989.7  |
| 15°    | 1083.6 | 1057.5 | 1035.9 | 1011.5 | 991.5  | 972.7  | 961.6  | 945.4  | 943.2  | 937.7  | 927.7  |
| 17.5°  | 1038.7 | 1010.3 | 980.5  | 962.5  | 939.9  | 920.2  | 903.4  | 898.0  | 882.1  | 876.1  | 867.4  |
| 20°    | 1003.1 | 977.1  | 954.3  | 930.5  | 897.7  | 879.4  | 866.1  | 858.9  | 846.1  | 838.4  | 832.8  |
| 22.5°  | 972.5  | 946.0  | 919.7  | 891.9  | 864.9  | 844.3  | 834.6  | 823.4  | 816.4  | 805.5  | 799.5  |
| 25°    | 928.8  | 899.9  | 868.3  | 838.4  | 819.0  | 803.4  | 787.9  | 777.9  | 767.9  | 762.9  | 751.8  |
| 27.5°  | 878.0  | 847.8  | 818.2  | 795.5  | 771.7  | 756.4  | 742.2  | 733.4  | 721.4  | 713.0  | 706.9  |
| 30°    | 850.0  | 814.5  | 789.0  | 768.4  | 737.9  | 723.5  | 713.0  | 701.9  | 693.0  | 684.1  | 678.0  |
| 32.5°  | 817.6  | 785.2  | 761.0  | 735.6  | 712.2  | 696.4  | 682.8  | 673.0  | 665.4  | 657.0  | 650.9  |
| 35°    | 766.8  | 739.6  | 714.6  | 689.1  | 671.9  | 655.8  | 639.8  | 631.4  | 624.2  | 616.4  | 610.9  |
| 37.5°  | 720.8  | 695.5  | 671.7  | 647.5  | 626.1  | 613.1  | 600.1  | 593.8  | 584.0  | 578.8  | 573.2  |
| 40°    | 692.4  | 667.5  | 642.0  | 618.6  | 596.5  | 586.4  | 574.8  | 565.4  | 556.5  | 552.6  | 546.5  |
| 42.5°  | 661.4  | 636.4  | 614.9  | 589.8  | 571.6  | 558.1  | 547.3  | 537.0  | 530.4  | 524.6  | 521.2  |
| 45°    | 615.3  | 593.1  | 572.0  | 547.1  | 529.9  | 518.2  | 506.0  | 496.6  | 490.5  | 486.6  | 480.5  |
| 47.5°  | 570.6  | 548.4  | 527.0  | 505.2  | 488.6  | 475.2  | 463.1  | 456.5  | 448.4  | 443.7  | 439.5  |
| 50°    | 538.2  | 518.2  | 495.5  | 475.5  | 458.9  | 445.6  | 435.5  | 427.2  | 420.0  | 413.9  | 411.2  |
| 52.5°  | 508.4  | 487.1  | 467.5  | 448.9  | 431.3  | 416.2  | 407.2  | 398.4  | 393.0  | 386.0  | 382.7  |
| 55°    | 459.4  | 438.9  | 422.2  | 403.9  | 386.7  | 374.0  | 362.9  | 355.1  | 349.5  | 341.8  | 337.4  |
| 57.5°  | 413.4  | 394.9  | 375.0  | 359.2  | 341.4  | 330.7  | 321.5  | 311.0  | 304.2  | 298.1  | 293.8  |
| 60°    | 382.3  | 361.2  | 344.0  | 329.1  | 313.5  | 299.6  | 291.3  | 283.0  | 275.7  | 269.6  | 265.8  |
| 62.5°  | 349.8  | 331.5  | 315.1  | 298.8  | 284.6  | 272.6  | 262.9  | 255.9  | 249.6  | 245.6  | 241.8  |
| 65°    | 300.2  | 285.8  | 269.1  | 255.8  | 242.5  | 233.6  | 225.8  | 219.7  | 215.2  | 212.5  | 209.2  |
| 67.5°  | 254.5  | 240.4  | 225.9  | 212.9  | 204.0  | 197.2  | 192.1  | 186.9  | 184.7  | 181.1  | 178.9  |
| 70°    | 224.7  | 210.3  | 197.5  | 187.5  | 178.6  | 173.7  | 170.3  | 166.5  | 164.2  | 159.8  | 157.6  |
| 72.5°  | 192.3  | 181.9  | 172.7  | 164.4  | 157.4  | 152.8  | 148.5  | 143.8  | 140.2  | 135.3  | 133.1  |
| 75°    | 151.5  | 142.0  | 134.9  | 129.3  | 124.8  | 118.7  | 112.6  | 107.6  | 106.0  | 104.3  | 103.8  |
| 77.5°  | 112.2  | 106.2  | 101.0  | 96.3   | 90.7   | 86.3   | 85.0   | 83.9   | 83.6   | 82.7   | 82.7   |
| 80°    | 88.2   | 82.7   | 78.8   | 73.2   | 69.9   | 69.9   | 69.9   | 68.8   | 69.4   | 69.4   | 69.4   |
| 82.5°  | 65.6   | 60.5   | 58.4   | 56.3   | 55.7   | 56.2   | 56.2   | 56.3   | 56.0   | 56.9   | 56.5   |
| 85°    | 33.8   | 34.4   | 35.5   | 35.0   | 35.5   | 35.5   | 36.6   | 36.0   | 36.6   | 35.5   | 36.6   |
| 87.5°  | 14.0   | 15.8   | 16.7   | 17.6   | 18.5   | 18.6   | 19.2   | 19.3   | 19.9   | 20.1   | 20.1   |
| 90°    | 8.1    | 10.1   | 12.5   | 14.8   | 17.2   | 19.6   | 20.2   | 21.0   | 21.7   | 22.4   | 23.0   |
| 92.5°  | 13.1   | 13.8   | 15.5   | 17.3   | 19.1   | 20.9   | 22.0   | 23.2   | 24.3   | 25.4   | 26.2   |
| 95°    | 20.0   | 17.3   | 19.2   | 21.3   | 23.2   | 25.2   | 26.5   | 27.7   | 29.0   | 30.3   | 30.9   |
| 97.5°  | 86.4   | 78.3   | 65.3   | 52.3   | 39.2   | 26.2   | 27.6   | 29.1   | 30.6   | 32.0   | 32.8   |
| 100°   | 152.0  | 139.7  | 111.5  | 83.2   | 55.0   | 26.8   | 28.3   | 29.8   | 31.2   | 32.6   | 33.4   |
| 102.5° | 190.9  | 176.8  | 146.0  | 115.2  | 84.4   | 53.6   | 49.1   | 44.6   | 40.1   | 35.6   | 33.5   |
| 105°   | 250.5  | 243.3  | 227.1  | 210.8  | 194.5  | 178.2  | 146.2  | 114.2  | 82.2   | 50.2   | 34.3   |
| 107.5° | 314.3  | 316.4  | 318.9  | 321.6  | 324.1  | 326.7  | 303.2  | 279.7  | 256.2  | 232.8  | 209.0  |
| 110°   | 357.3  | 359.1  | 361.0  | 363.1  | 365.0  | 367.0  | 361.0  | 355.1  | 349.1  | 343.2  | 327.3  |



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**CANDELA DISTRIBUTION (continued):**

|        | 110°   | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   | 150°   | 155°   | 160°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 398.4  | 400.1  | 402.1  | 404.1  | 406.0  | 408.1  | 408.1  | 408.2  | 408.4  | 408.5  | 405.8  |
| 115°   | 459.3  | 460.6  | 462.2  | 463.8  | 465.5  | 467.1  | 469.0  | 470.8  | 472.5  | 474.3  | 475.6  |
| 117.5° | 520.0  | 521.1  | 521.9  | 522.8  | 523.6  | 524.4  | 525.9  | 527.3  | 528.7  | 530.2  | 531.0  |
| 120°   | 558.2  | 559.4  | 559.9  | 560.4  | 561.0  | 561.5  | 563.0  | 564.4  | 565.8  | 567.3  | 568.0  |
| 122.5° | 594.8  | 595.9  | 596.6  | 597.3  | 597.9  | 598.6  | 599.7  | 600.6  | 601.7  | 602.7  | 603.2  |
| 125°   | 647.0  | 648.2  | 648.9  | 649.5  | 650.3  | 651.0  | 651.4  | 651.8  | 652.1  | 652.5  | 652.8  |
| 127.5° | 697.2  | 698.3  | 699.2  | 700.1  | 700.9  | 701.8  | 702.4  | 703.0  | 703.5  | 704.1  | 704.3  |
| 130°   | 728.5  | 729.5  | 730.3  | 731.0  | 731.6  | 732.4  | 733.1  | 733.9  | 734.6  | 735.3  | 735.5  |
| 132.5° | 758.4  | 759.4  | 759.9  | 760.5  | 761.2  | 761.7  | 762.5  | 763.1  | 763.9  | 764.6  | 764.7  |
| 135°   | 802.7  | 803.6  | 804.3  | 805.0  | 805.8  | 806.5  | 807.0  | 807.6  | 808.1  | 808.6  | 808.6  |
| 137.5° | 842.9  | 843.8  | 844.2  | 844.6  | 845.0  | 845.4  | 846.2  | 847.1  | 848.0  | 848.8  | 849.1  |
| 140°   | 867.8  | 868.6  | 869.1  | 869.7  | 870.3  | 870.7  | 871.5  | 872.2  | 872.9  | 873.7  | 873.8  |
| 142.5° | 891.9  | 892.7  | 893.2  | 893.7  | 894.3  | 894.9  | 895.4  | 896.0  | 896.6  | 897.2  | 897.2  |
| 145°   | 926.3  | 927.1  | 927.5  | 927.8  | 928.1  | 928.5  | 928.9  | 929.3  | 929.6  | 930.0  | 930.2  |
| 147.5° | 956.3  | 956.8  | 957.2  | 957.6  | 958.0  | 958.3  | 958.7  | 959.0  | 959.4  | 959.8  | 959.5  |
| 150°   | 974.6  | 975.1  | 975.4  | 975.8  | 976.2  | 976.6  | 976.9  | 977.3  | 977.6  | 978.0  | 977.9  |
| 152.5° | 991.1  | 991.3  | 991.5  | 991.7  | 992.0  | 992.1  | 992.8  | 993.4  | 994.1  | 994.7  | 994.7  |
| 155°   | 1013.3 | 1013.3 | 1013.4 | 1013.6 | 1013.8 | 1014.0 | 1014.9 | 1015.8 | 1016.7 | 1017.6 | 1017.5 |
| 157.5° | 1033.9 | 1033.7 | 1033.6 | 1033.4 | 1033.2 | 1033.0 | 1034.1 | 1035.2 | 1036.2 | 1037.4 | 1037.2 |
| 160°   | 1045.0 | 1044.8 | 1044.6 | 1044.5 | 1044.2 | 1044.1 | 1045.2 | 1046.3 | 1047.3 | 1048.4 | 1048.3 |
| 162.5° | 1054.9 | 1054.6 | 1054.4 | 1054.2 | 1054.0 | 1053.9 | 1055.1 | 1056.3 | 1057.5 | 1058.7 | 1058.8 |
| 165°   | 1068.0 | 1067.6 | 1067.4 | 1067.2 | 1067.1 | 1066.9 | 1068.3 | 1069.8 | 1071.2 | 1072.7 | 1072.8 |
| 167.5° | 1077.7 | 1077.3 | 1077.3 | 1077.3 | 1077.3 | 1077.3 | 1078.7 | 1080.2 | 1081.7 | 1083.0 | 1083.0 |
| 170°   | 1083.5 | 1083.1 | 1083.1 | 1083.1 | 1083.1 | 1083.1 | 1084.6 | 1086.1 | 1087.5 | 1088.9 | 1088.9 |
| 172.5° | 1086.9 | 1086.5 | 1086.6 | 1086.8 | 1086.9 | 1087.0 | 1088.5 | 1090.0 | 1091.4 | 1092.8 | 1092.7 |
| 175°   | 1091.8 | 1091.4 | 1091.5 | 1091.8 | 1091.9 | 1092.1 | 1093.4 | 1094.6 | 1095.9 | 1097.1 | 1097.1 |
| 177.5° | 1093.8 | 1093.5 | 1093.6 | 1093.8 | 1093.9 | 1094.1 | 1095.2 | 1096.3 | 1097.6 | 1098.7 | 1098.5 |
| 180°   | 1095.4 | 1095.4 | 1095.4 | 1095.4 | 1095.4 | 1095.4 | 1095.4 | 1095.4 | 1095.4 | 1095.4 | 1095.4 |



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**CANDELA DISTRIBUTION (continued):**

|        | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   | 200°   | 205°   | 210°   | 215°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1296.1 | 1296.1 | 1296.1 | 1296.1 | 1296.1 | 1296.1 | 1296.1 | 1296.1 | 1296.1 | 1296.1 | 1296.1 |
| 2.5°   | 1234.9 | 1234.4 | 1234.9 | 1233.1 | 1234.9 | 1234.4 | 1234.9 | 1240.2 | 1240.2 | 1240.6 | 1241.0 |
| 5°     | 1149.1 | 1148.5 | 1146.9 | 1141.8 | 1146.9 | 1148.5 | 1149.1 | 1150.7 | 1155.2 | 1162.9 | 1160.7 |
| 7.5°   | 1074.2 | 1073.4 | 1068.5 | 1068.6 | 1068.5 | 1073.4 | 1074.2 | 1078.5 | 1083.5 | 1088.3 | 1093.9 |
| 10°    | 1029.8 | 1030.3 | 1023.7 | 1019.8 | 1023.7 | 1030.3 | 1029.8 | 1033.6 | 1040.9 | 1044.7 | 1048.6 |
| 12.5°  | 986.8  | 984.1  | 978.8  | 974.5  | 978.8  | 984.1  | 986.8  | 989.7  | 999.6  | 1004.0 | 1011.4 |
| 15°    | 929.9  | 924.4  | 911.0  | 912.2  | 911.0  | 924.4  | 929.9  | 927.7  | 937.7  | 943.2  | 945.4  |
| 17.5°  | 863.0  | 858.9  | 858.7  | 850.9  | 858.7  | 858.9  | 863.0  | 867.4  | 876.1  | 882.1  | 898.0  |
| 20°    | 823.9  | 821.2  | 822.2  | 814.5  | 822.2  | 821.2  | 823.9  | 832.8  | 838.4  | 846.1  | 858.9  |
| 22.5°  | 793.3  | 790.5  | 785.9  | 783.4  | 785.9  | 790.5  | 793.3  | 799.5  | 805.5  | 816.4  | 823.4  |
| 25°    | 748.4  | 744.0  | 739.6  | 742.4  | 739.6  | 744.0  | 748.4  | 751.8  | 762.9  | 767.9  | 777.9  |
| 27.5°  | 703.7  | 700.3  | 695.9  | 695.3  | 695.9  | 700.3  | 703.7  | 706.9  | 713.0  | 721.4  | 733.4  |
| 30°    | 675.2  | 671.9  | 669.7  | 666.9  | 669.7  | 671.9  | 675.2  | 678.0  | 684.1  | 693.0  | 701.9  |
| 32.5°  | 646.4  | 645.7  | 641.7  | 641.2  | 641.7  | 645.7  | 646.4  | 650.9  | 657.0  | 665.4  | 673.0  |
| 35°    | 608.6  | 605.4  | 604.2  | 604.8  | 604.2  | 605.4  | 608.6  | 610.9  | 616.4  | 624.2  | 631.4  |
| 37.5°  | 572.8  | 568.3  | 566.4  | 564.4  | 566.4  | 568.3  | 572.8  | 573.2  | 578.8  | 584.0  | 593.8  |
| 40°    | 547.1  | 542.7  | 541.5  | 540.4  | 541.5  | 542.7  | 547.1  | 546.5  | 552.6  | 556.5  | 565.4  |
| 42.5°  | 518.2  | 516.4  | 515.8  | 513.8  | 515.8  | 516.4  | 518.2  | 521.2  | 524.6  | 530.4  | 537.0  |
| 45°    | 478.8  | 478.3  | 474.9  | 476.1  | 474.9  | 478.3  | 478.8  | 480.5  | 486.6  | 490.5  | 496.6  |
| 47.5°  | 437.3  | 434.9  | 432.5  | 434.1  | 432.5  | 434.9  | 437.3  | 439.5  | 443.7  | 448.4  | 456.5  |
| 50°    | 409.0  | 407.8  | 402.8  | 403.9  | 402.8  | 407.8  | 409.0  | 411.2  | 413.9  | 420.0  | 427.2  |
| 52.5°  | 380.5  | 376.3  | 374.4  | 373.7  | 374.4  | 376.3  | 380.5  | 382.7  | 386.0  | 393.0  | 398.4  |
| 55°    | 333.5  | 328.5  | 326.3  | 325.1  | 326.3  | 328.5  | 333.5  | 337.4  | 341.8  | 349.5  | 355.1  |
| 57.5°  | 287.3  | 285.9  | 284.2  | 285.4  | 284.2  | 285.9  | 287.3  | 293.8  | 298.1  | 304.2  | 311.0  |
| 60°    | 260.2  | 260.2  | 260.2  | 259.7  | 260.2  | 260.2  | 260.2  | 265.8  | 269.6  | 275.7  | 283.0  |
| 62.5°  | 239.4  | 238.0  | 237.6  | 238.4  | 237.6  | 238.0  | 239.4  | 241.8  | 245.6  | 249.6  | 255.9  |
| 65°    | 207.5  | 206.9  | 204.7  | 204.2  | 204.7  | 206.9  | 207.5  | 209.2  | 212.5  | 215.2  | 219.7  |
| 67.5°  | 177.4  | 175.5  | 174.8  | 174.0  | 174.8  | 175.5  | 177.4  | 178.9  | 181.1  | 184.7  | 186.9  |
| 70°    | 154.8  | 153.7  | 150.3  | 150.9  | 150.3  | 153.7  | 154.8  | 157.6  | 159.8  | 164.2  | 166.5  |
| 72.5°  | 130.4  | 129.3  | 128.6  | 127.8  | 128.6  | 129.3  | 130.4  | 133.1  | 135.3  | 140.2  | 143.8  |
| 75°    | 103.2  | 102.6  | 102.1  | 104.3  | 102.1  | 102.6  | 103.2  | 103.8  | 104.3  | 106.0  | 107.6  |
| 77.5°  | 82.7   | 82.7   | 83.0   | 82.1   | 83.0   | 82.7   | 82.7   | 82.7   | 82.7   | 83.6   | 83.9   |
| 80°    | 69.4   | 69.4   | 68.8   | 68.8   | 68.8   | 69.4   | 69.4   | 69.4   | 69.4   | 69.4   | 68.8   |
| 82.5°  | 55.6   | 56.0   | 56.3   | 55.5   | 56.3   | 56.0   | 55.6   | 56.5   | 56.9   | 56.0   | 56.3   |
| 85°    | 36.6   | 36.0   | 37.2   | 36.6   | 37.2   | 36.0   | 36.6   | 36.6   | 35.5   | 36.6   | 36.0   |
| 87.5°  | 21.1   | 20.3   | 20.4   | 20.9   | 20.4   | 20.3   | 21.1   | 20.1   | 20.1   | 19.9   | 19.3   |
| 90°    | 23.3   | 23.7   | 24.1   | 24.4   | 24.1   | 23.7   | 23.3   | 23.0   | 22.4   | 21.7   | 21.0   |
| 92.5°  | 26.3   | 26.6   | 26.8   | 27.0   | 26.8   | 26.6   | 26.3   | 26.2   | 25.4   | 24.3   | 23.2   |
| 95°    | 30.9   | 30.9   | 30.9   | 30.9   | 30.9   | 30.9   | 30.9   | 30.9   | 30.3   | 29.0   | 27.7   |
| 97.5°  | 33.0   | 33.2   | 33.3   | 33.5   | 33.3   | 33.2   | 33.0   | 32.8   | 32.0   | 30.6   | 29.1   |
| 100°   | 33.7   | 33.8   | 34.0   | 34.2   | 34.0   | 33.8   | 33.7   | 33.4   | 32.6   | 31.2   | 29.8   |
| 102.5° | 33.8   | 34.2   | 34.5   | 34.8   | 34.5   | 34.2   | 33.8   | 33.5   | 35.6   | 40.1   | 44.6   |
| 105°   | 34.7   | 35.1   | 35.5   | 35.8   | 35.5   | 35.1   | 34.7   | 34.3   | 50.2   | 82.2   | 114.2  |
| 107.5° | 184.8  | 160.7  | 136.6  | 112.4  | 136.6  | 160.7  | 184.8  | 209.0  | 232.8  | 256.2  | 279.7  |
| 110°   | 301.3  | 275.5  | 249.6  | 223.8  | 249.6  | 275.5  | 301.3  | 327.3  | 343.2  | 349.1  | 355.1  |



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**CANDELA DISTRIBUTION (continued):**

|        | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   | 200°   | 205°   | 210°   | 215°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 400.3  | 394.8  | 389.4  | 383.9  | 389.4  | 394.8  | 400.3  | 405.8  | 408.5  | 408.4  | 408.2  |
| 115°   | 476.3  | 477.0  | 477.8  | 478.5  | 477.8  | 477.0  | 476.3  | 475.6  | 474.3  | 472.5  | 470.8  |
| 117.5° | 531.2  | 531.2  | 531.4  | 531.6  | 531.4  | 531.2  | 531.2  | 531.0  | 530.2  | 528.7  | 527.3  |
| 120°   | 568.0  | 568.0  | 568.0  | 568.0  | 568.0  | 568.0  | 568.0  | 568.0  | 567.3  | 565.8  | 564.4  |
| 122.5° | 603.4  | 603.6  | 603.6  | 603.8  | 603.6  | 603.6  | 603.4  | 603.2  | 602.7  | 601.7  | 600.6  |
| 125°   | 653.2  | 653.5  | 654.0  | 654.3  | 654.0  | 653.5  | 653.2  | 652.8  | 652.5  | 652.1  | 651.8  |
| 127.5° | 703.8  | 703.5  | 703.1  | 702.8  | 703.1  | 703.5  | 703.8  | 704.3  | 704.1  | 703.5  | 703.0  |
| 130°   | 735.2  | 734.7  | 734.4  | 734.0  | 734.4  | 734.7  | 735.2  | 735.5  | 735.3  | 734.6  | 733.9  |
| 132.5° | 764.2  | 763.7  | 763.2  | 762.7  | 763.2  | 763.7  | 764.2  | 764.7  | 764.6  | 763.9  | 763.1  |
| 135°   | 808.1  | 807.6  | 807.0  | 806.5  | 807.0  | 807.6  | 808.1  | 808.6  | 808.6  | 808.1  | 807.6  |
| 137.5° | 848.7  | 848.4  | 848.0  | 847.7  | 848.0  | 848.4  | 848.7  | 849.1  | 848.8  | 848.0  | 847.1  |
| 140°   | 873.4  | 873.1  | 872.8  | 872.4  | 872.8  | 873.1  | 873.4  | 873.8  | 873.7  | 872.9  | 872.2  |
| 142.5° | 896.7  | 896.2  | 895.7  | 895.2  | 895.7  | 896.2  | 896.7  | 897.2  | 897.2  | 896.6  | 896.0  |
| 145°   | 930.2  | 930.2  | 930.2  | 930.2  | 930.2  | 930.2  | 930.2  | 930.2  | 930.0  | 929.6  | 929.3  |
| 147.5° | 958.7  | 957.9  | 957.0  | 956.2  | 957.0  | 957.9  | 958.7  | 959.5  | 959.8  | 959.4  | 959.0  |
| 150°   | 977.4  | 976.8  | 976.2  | 975.8  | 976.2  | 976.8  | 977.4  | 977.9  | 978.0  | 977.6  | 977.3  |
| 152.5° | 993.8  | 993.0  | 992.2  | 991.3  | 992.2  | 993.0  | 993.8  | 994.7  | 994.7  | 994.1  | 993.4  |
| 155°   | 1016.4 | 1015.4 | 1014.2 | 1013.2 | 1014.2 | 1015.4 | 1016.4 | 1017.5 | 1017.6 | 1016.7 | 1015.8 |
| 157.5° | 1035.8 | 1034.4 | 1033.0 | 1031.6 | 1033.0 | 1034.4 | 1035.8 | 1037.2 | 1037.4 | 1036.2 | 1035.2 |
| 160°   | 1047.1 | 1045.8 | 1044.6 | 1043.3 | 1044.6 | 1045.8 | 1047.1 | 1048.3 | 1048.4 | 1047.3 | 1046.3 |
| 162.5° | 1057.7 | 1056.5 | 1055.5 | 1054.3 | 1055.5 | 1056.5 | 1057.7 | 1058.8 | 1058.7 | 1057.5 | 1056.3 |
| 165°   | 1071.5 | 1070.2 | 1068.9 | 1067.7 | 1068.9 | 1070.2 | 1071.5 | 1072.8 | 1072.7 | 1071.2 | 1069.8 |
| 167.5° | 1081.7 | 1080.2 | 1078.7 | 1077.3 | 1078.7 | 1080.2 | 1081.7 | 1083.0 | 1083.0 | 1081.7 | 1080.2 |
| 170°   | 1087.5 | 1086.1 | 1084.6 | 1083.1 | 1084.6 | 1086.1 | 1087.5 | 1088.9 | 1088.9 | 1087.5 | 1086.1 |
| 172.5° | 1091.2 | 1089.6 | 1088.0 | 1086.4 | 1088.0 | 1089.6 | 1091.2 | 1092.7 | 1092.8 | 1091.4 | 1090.0 |
| 175°   | 1095.6 | 1094.2 | 1092.7 | 1091.3 | 1092.7 | 1094.2 | 1095.6 | 1097.1 | 1097.1 | 1095.9 | 1094.6 |
| 177.5° | 1097.1 | 1095.7 | 1094.2 | 1092.7 | 1094.2 | 1095.7 | 1097.1 | 1098.5 | 1098.7 | 1097.6 | 1096.3 |
| 180°   | 1095.4 | 1095.4 | 1095.4 | 1095.4 | 1095.4 | 1095.4 | 1095.4 | 1095.4 | 1095.4 | 1095.4 | 1095.4 |



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**CANDELA DISTRIBUTION (continued):**

|        | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   | 250°   | 255°   | 260°   | 265°   | 270°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1296.1 | 1296.1 | 1296.1 | 1296.1 | 1296.1 | 1296.1 | 1296.1 | 1296.1 | 1296.1 | 1296.1 | 1296.1 |
| 2.5°   | 1237.1 | 1243.2 | 1249.5 | 1255.2 | 1264.1 | 1268.1 | 1273.9 | 1276.1 | 1282.8 | 1292.6 | 1300.6 |
| 5°     | 1161.8 | 1170.7 | 1182.3 | 1191.8 | 1206.8 | 1218.4 | 1231.2 | 1243.4 | 1257.8 | 1278.3 | 1296.7 |
| 7.5°   | 1098.0 | 1106.8 | 1120.8 | 1138.3 | 1154.9 | 1171.3 | 1188.8 | 1205.4 | 1226.0 | 1255.5 | 1284.7 |
| 10°    | 1055.9 | 1066.4 | 1083.0 | 1101.9 | 1122.4 | 1138.6 | 1159.0 | 1180.1 | 1205.7 | 1239.5 | 1274.5 |
| 12.5°  | 1019.5 | 1027.4 | 1046.7 | 1064.6 | 1087.9 | 1108.3 | 1128.5 | 1153.1 | 1182.1 | 1218.2 | 1260.3 |
| 15°    | 961.6  | 972.7  | 991.5  | 1011.5 | 1035.9 | 1057.5 | 1083.6 | 1113.5 | 1141.8 | 1186.3 | 1237.3 |
| 17.5°  | 903.4  | 920.2  | 939.9  | 962.5  | 980.5  | 1010.3 | 1038.7 | 1069.4 | 1104.2 | 1151.3 | 1207.3 |
| 20°    | 866.1  | 879.4  | 897.7  | 930.5  | 954.3  | 977.1  | 1003.1 | 1041.5 | 1073.6 | 1126.9 | 1185.1 |
| 22.5°  | 834.6  | 844.3  | 864.9  | 891.9  | 919.7  | 946.0  | 972.5  | 1009.0 | 1048.7 | 1099.3 | 1162.5 |
| 25°    | 787.9  | 803.4  | 819.0  | 838.4  | 868.3  | 899.9  | 928.8  | 959.9  | 1002.0 | 1055.9 | 1124.1 |
| 27.5°  | 742.2  | 756.4  | 771.7  | 795.5  | 818.2  | 847.8  | 878.0  | 913.6  | 958.9  | 1015.8 | 1085.0 |
| 30°    | 713.0  | 723.5  | 737.9  | 768.4  | 789.0  | 814.5  | 850.0  | 881.7  | 923.8  | 984.3  | 1057.5 |
| 32.5°  | 682.8  | 696.4  | 712.2  | 735.6  | 761.0  | 785.2  | 817.6  | 851.9  | 895.0  | 954.6  | 1029.6 |
| 35°    | 639.8  | 655.8  | 671.9  | 689.1  | 714.6  | 739.6  | 766.8  | 804.5  | 848.3  | 906.0  | 979.8  |
| 37.5°  | 600.1  | 613.1  | 626.1  | 647.5  | 671.7  | 695.5  | 720.8  | 758.0  | 799.3  | 861.5  | 929.3  |
| 40°    | 574.8  | 586.4  | 596.5  | 618.6  | 642.0  | 667.5  | 692.4  | 725.2  | 769.6  | 827.9  | 893.3  |
| 42.5°  | 547.3  | 558.1  | 571.6  | 589.8  | 614.9  | 636.4  | 661.4  | 692.4  | 734.0  | 793.2  | 850.7  |
| 45°    | 506.0  | 518.2  | 529.9  | 547.1  | 572.0  | 593.1  | 615.3  | 644.7  | 687.5  | 736.3  | 787.3  |
| 47.5°  | 463.1  | 475.2  | 488.6  | 505.2  | 527.0  | 548.4  | 570.6  | 596.6  | 635.6  | 683.5  | 718.0  |
| 50°    | 435.5  | 445.6  | 458.9  | 475.5  | 495.5  | 518.2  | 538.2  | 566.5  | 603.6  | 641.4  | 671.3  |
| 52.5°  | 407.2  | 416.2  | 431.3  | 448.9  | 467.5  | 487.1  | 508.4  | 532.7  | 566.4  | 601.9  | 625.7  |
| 55°    | 362.9  | 374.0  | 386.7  | 403.9  | 422.2  | 438.9  | 459.4  | 484.4  | 511.0  | 537.6  | 553.8  |
| 57.5°  | 321.5  | 330.7  | 341.4  | 359.2  | 375.0  | 394.9  | 413.4  | 432.8  | 457.4  | 477.5  | 488.0  |
| 60°    | 291.3  | 299.6  | 313.5  | 329.1  | 344.0  | 361.2  | 382.3  | 401.7  | 420.5  | 436.7  | 445.0  |
| 62.5°  | 262.9  | 272.6  | 284.6  | 298.8  | 315.1  | 331.5  | 349.8  | 366.2  | 382.9  | 396.7  | 402.4  |
| 65°    | 225.8  | 233.6  | 242.5  | 255.8  | 269.1  | 285.8  | 300.2  | 316.8  | 329.1  | 336.8  | 341.8  |
| 67.5°  | 192.1  | 197.2  | 204.0  | 212.9  | 225.9  | 240.4  | 254.5  | 267.4  | 277.6  | 283.0  | 287.4  |
| 70°    | 170.3  | 173.7  | 178.6  | 187.5  | 197.5  | 210.3  | 224.7  | 234.2  | 243.0  | 247.4  | 251.9  |
| 72.5°  | 148.5  | 152.8  | 157.4  | 164.4  | 172.7  | 181.9  | 192.3  | 204.0  | 208.9  | 214.2  | 216.9  |
| 75°    | 112.6  | 118.7  | 124.8  | 129.3  | 134.9  | 142.0  | 151.5  | 158.7  | 161.4  | 165.9  | 166.5  |
| 77.5°  | 85.0   | 86.3   | 90.7   | 96.3   | 101.0  | 106.2  | 112.2  | 118.6  | 119.9  | 122.3  | 123.8  |
| 80°    | 69.9   | 69.9   | 69.9   | 73.2   | 78.8   | 82.7   | 88.2   | 91.6   | 93.8   | 94.3   | 94.9   |
| 82.5°  | 56.2   | 56.2   | 55.7   | 56.3   | 58.4   | 60.5   | 65.6   | 69.4   | 71.1   | 70.8   | 69.5   |
| 85°    | 36.6   | 35.5   | 35.5   | 35.0   | 35.5   | 34.4   | 33.8   | 36.0   | 39.4   | 39.4   | 38.3   |
| 87.5°  | 19.2   | 18.6   | 18.5   | 17.6   | 16.7   | 15.8   | 14.0   | 14.1   | 13.8   | 15.2   | 14.3   |
| 90°    | 20.2   | 19.6   | 17.2   | 14.8   | 12.5   | 10.1   | 8.1    | 6.3    | 4.4    | 2.6    | 0.8    |
| 92.5°  | 22.0   | 20.9   | 19.1   | 17.3   | 15.5   | 13.8   | 13.1   | 13.6   | 14.1   | 14.6   | 15.2   |
| 95°    | 26.5   | 25.2   | 23.2   | 21.3   | 19.2   | 17.3   | 20.0   | 27.4   | 34.8   | 42.2   | 49.7   |
| 97.5°  | 27.6   | 26.2   | 39.2   | 52.3   | 65.3   | 78.3   | 86.4   | 89.8   | 93.1   | 96.4   | 99.8   |
| 100°   | 28.3   | 26.8   | 55.0   | 83.2   | 111.5  | 139.7  | 152.0  | 148.4  | 144.8  | 141.1  | 137.5  |
| 102.5° | 49.1   | 53.6   | 84.4   | 115.2  | 146.0  | 176.8  | 190.9  | 188.3  | 185.7  | 183.1  | 180.5  |
| 105°   | 146.2  | 178.2  | 194.5  | 210.8  | 227.1  | 243.3  | 250.5  | 248.5  | 246.5  | 244.5  | 242.5  |
| 107.5° | 303.2  | 326.7  | 324.1  | 321.6  | 318.9  | 316.4  | 314.3  | 312.7  | 311.1  | 309.6  | 307.9  |
| 110°   | 361.0  | 367.0  | 365.0  | 363.1  | 361.0  | 359.1  | 357.3  | 355.9  | 354.4  | 353.0  | 351.6  |



TEST NUMBER: P332348-930

CATALOG NUMBER: S123RDIP-S1000D1025U930-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   | 250°   | 255°   | 260°   | 265°   | 270°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 408.1  | 408.1  | 406.0  | 404.1  | 402.1  | 400.1  | 398.4  | 397.1  | 395.8  | 394.5  | 393.2  |
| 115°   | 469.0  | 467.1  | 465.5  | 463.8  | 462.2  | 460.6  | 459.3  | 458.2  | 457.1  | 456.0  | 454.9  |
| 117.5° | 525.9  | 524.4  | 523.6  | 522.8  | 521.9  | 521.1  | 520.0  | 518.7  | 517.3  | 516.0  | 514.6  |
| 120°   | 563.0  | 561.5  | 561.0  | 560.4  | 559.9  | 559.4  | 558.2  | 556.6  | 555.0  | 553.3  | 551.7  |
| 122.5° | 599.7  | 598.6  | 597.9  | 597.3  | 596.6  | 595.9  | 594.8  | 593.5  | 592.2  | 590.8  | 589.5  |
| 125°   | 651.4  | 651.0  | 650.3  | 649.5  | 648.9  | 648.2  | 647.0  | 645.6  | 644.2  | 642.7  | 641.2  |
| 127.5° | 702.4  | 701.8  | 700.9  | 700.1  | 699.2  | 698.3  | 697.2  | 695.7  | 694.3  | 692.8  | 691.4  |
| 130°   | 733.1  | 732.4  | 731.6  | 731.0  | 730.3  | 729.5  | 728.5  | 727.0  | 725.5  | 724.1  | 722.7  |
| 132.5° | 762.5  | 761.7  | 761.2  | 760.5  | 759.9  | 759.4  | 758.4  | 756.9  | 755.5  | 754.1  | 752.6  |
| 135°   | 807.0  | 806.5  | 805.8  | 805.0  | 804.3  | 803.6  | 802.7  | 801.6  | 800.5  | 799.4  | 798.3  |
| 137.5° | 846.2  | 845.4  | 845.0  | 844.6  | 844.2  | 843.8  | 842.9  | 841.6  | 840.2  | 838.8  | 837.4  |
| 140°   | 871.5  | 870.7  | 870.3  | 869.7  | 869.1  | 868.6  | 867.8  | 866.7  | 865.6  | 864.5  | 863.4  |
| 142.5° | 895.4  | 894.9  | 894.3  | 893.7  | 893.2  | 892.7  | 891.9  | 890.8  | 889.7  | 888.6  | 887.5  |
| 145°   | 928.9  | 928.5  | 928.1  | 927.8  | 927.5  | 927.1  | 926.3  | 925.0  | 923.7  | 922.5  | 921.2  |
| 147.5° | 958.7  | 958.3  | 958.0  | 957.6  | 957.2  | 956.8  | 956.3  | 955.4  | 954.6  | 953.8  | 952.9  |
| 150°   | 976.9  | 976.6  | 976.2  | 975.8  | 975.4  | 975.1  | 974.6  | 974.1  | 973.5  | 973.1  | 972.5  |
| 152.5° | 992.8  | 992.1  | 992.0  | 991.7  | 991.5  | 991.3  | 991.1  | 990.8  | 990.6  | 990.3  | 990.0  |
| 155°   | 1014.9 | 1014.0 | 1013.8 | 1013.6 | 1013.4 | 1013.3 | 1013.3 | 1013.7 | 1014.1 | 1014.4 | 1014.8 |
| 157.5° | 1034.1 | 1033.0 | 1033.2 | 1033.4 | 1033.6 | 1033.7 | 1033.9 | 1033.9 | 1034.0 | 1034.0 | 1034.0 |
| 160°   | 1045.2 | 1044.1 | 1044.2 | 1044.5 | 1044.6 | 1044.8 | 1045.0 | 1045.2 | 1045.4 | 1045.5 | 1045.7 |
| 162.5° | 1055.1 | 1053.9 | 1054.0 | 1054.2 | 1054.4 | 1054.6 | 1054.9 | 1055.4 | 1055.8 | 1056.3 | 1056.8 |
| 165°   | 1068.3 | 1066.9 | 1067.1 | 1067.2 | 1067.4 | 1067.6 | 1068.0 | 1068.5 | 1069.0 | 1069.6 | 1070.2 |
| 167.5° | 1078.7 | 1077.3 | 1077.3 | 1077.3 | 1077.3 | 1077.3 | 1077.7 | 1078.4 | 1079.1 | 1079.9 | 1080.5 |
| 170°   | 1084.6 | 1083.1 | 1083.1 | 1083.1 | 1083.1 | 1083.1 | 1083.5 | 1084.3 | 1085.0 | 1085.7 | 1086.4 |
| 172.5° | 1088.5 | 1087.0 | 1086.9 | 1086.8 | 1086.6 | 1086.5 | 1086.9 | 1087.7 | 1088.6 | 1089.5 | 1090.3 |
| 175°   | 1093.4 | 1092.1 | 1091.9 | 1091.8 | 1091.5 | 1091.4 | 1091.8 | 1092.7 | 1093.6 | 1094.5 | 1095.4 |
| 177.5° | 1095.2 | 1094.1 | 1093.9 | 1093.8 | 1093.6 | 1093.5 | 1093.8 | 1094.5 | 1095.2 | 1095.9 | 1096.7 |
| 180°   | 1095.4 | 1095.4 | 1095.4 | 1095.4 | 1095.4 | 1095.4 | 1095.4 | 1095.4 | 1095.4 | 1095.4 | 1095.4 |



TEST NUMBER: P332348-930

CATALOG NUMBER: S123RDIP-S1000D1025U930-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 275°   | 280°   | 285°   | 290°   | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1296.1 | 1296.1 | 1296.1 | 1296.1 | 1296.1 | 1296.1 | 1296.1 | 1296.1 | 1296.1 | 1296.1 | 1296.1 |
| 2.5°   | 1303.2 | 1308.1 | 1314.3 | 1323.6 | 1330.7 | 1336.9 | 1338.2 | 1340.0 | 1344.5 | 1352.0 | 1357.8 |
| 5°     | 1311.7 | 1324.4 | 1344.9 | 1364.9 | 1386.6 | 1404.3 | 1420.9 | 1432.6 | 1443.7 | 1467.0 | 1485.9 |
| 7.5°   | 1309.0 | 1337.4 | 1369.5 | 1405.4 | 1441.7 | 1476.8 | 1509.5 | 1538.7 | 1567.7 | 1601.7 | 1640.5 |
| 10°    | 1307.2 | 1340.5 | 1383.7 | 1429.8 | 1480.3 | 1529.7 | 1577.4 | 1614.6 | 1657.8 | 1696.7 | 1746.0 |
| 12.5°  | 1298.8 | 1346.7 | 1398.4 | 1457.3 | 1519.4 | 1576.3 | 1639.1 | 1690.4 | 1740.0 | 1796.1 | 1853.5 |
| 15°    | 1287.8 | 1346.1 | 1411.5 | 1489.7 | 1584.0 | 1652.9 | 1717.2 | 1806.5 | 1867.6 | 1928.6 | 2010.8 |
| 17.5°  | 1267.7 | 1338.8 | 1420.6 | 1522.2 | 1600.9 | 1693.4 | 1790.2 | 1860.8 | 1943.0 | 2029.0 | 2103.4 |
| 20°    | 1251.7 | 1334.4 | 1426.0 | 1525.8 | 1626.2 | 1726.6 | 1820.4 | 1904.8 | 1989.7 | 2089.0 | 2150.0 |
| 22.5°  | 1235.7 | 1317.5 | 1412.6 | 1518.7 | 1626.7 | 1732.4 | 1838.6 | 1937.6 | 2033.1 | 2133.3 | 2211.3 |
| 25°    | 1201.8 | 1298.9 | 1402.1 | 1510.3 | 1616.8 | 1733.3 | 1859.8 | 1970.3 | 2088.4 | 2191.6 | 2265.4 |
| 27.5°  | 1167.3 | 1256.4 | 1359.1 | 1468.8 | 1587.3 | 1725.0 | 1873.8 | 1999.3 | 2117.7 | 2191.6 | 2214.8 |
| 30°    | 1136.3 | 1230.6 | 1324.9 | 1436.5 | 1564.6 | 1718.3 | 1876.5 | 2020.1 | 2117.3 | 2149.5 | 2125.6 |
| 32.5°  | 1104.8 | 1190.3 | 1283.7 | 1397.8 | 1534.0 | 1701.9 | 1880.0 | 2007.8 | 2066.2 | 2041.6 | 1944.5 |
| 35°    | 1049.2 | 1126.3 | 1216.8 | 1331.1 | 1487.5 | 1692.8 | 1865.4 | 1951.9 | 1937.5 | 1798.8 | 1615.7 |
| 37.5°  | 989.7  | 1052.6 | 1136.3 | 1255.8 | 1439.3 | 1656.8 | 1802.3 | 1815.1 | 1690.3 | 1477.3 | 1265.8 |
| 40°    | 942.6  | 999.2  | 1085.2 | 1210.1 | 1402.1 | 1621.2 | 1738.9 | 1687.3 | 1493.6 | 1256.7 | 1080.3 |
| 42.5°  | 896.9  | 944.7  | 1027.5 | 1162.1 | 1366.6 | 1572.9 | 1644.3 | 1531.9 | 1308.6 | 1084.5 | 924.1  |
| 45°    | 819.5  | 864.5  | 947.6  | 1085.8 | 1293.9 | 1480.3 | 1470.9 | 1275.5 | 1052.0 | 871.6  | 738.5  |
| 47.5°  | 746.0  | 785.3  | 863.4  | 1004.4 | 1208.5 | 1341.6 | 1253.4 | 1045.5 | 855.9  | 711.2  | 616.2  |
| 50°    | 694.1  | 733.0  | 810.7  | 949.9  | 1140.2 | 1237.3 | 1111.3 | 911.0  | 737.4  | 617.5  | 542.1  |
| 52.5°  | 644.4  | 682.3  | 753.3  | 889.1  | 1057.6 | 1115.7 | 980.4  | 794.8  | 650.0  | 546.5  | 481.7  |
| 55°    | 574.8  | 603.6  | 667.5  | 797.3  | 923.2  | 936.5  | 799.5  | 644.2  | 524.9  | 452.7  | 408.4  |
| 57.5°  | 503.9  | 528.7  | 591.8  | 695.2  | 783.5  | 776.7  | 646.7  | 512.3  | 432.0  | 378.4  | 346.3  |
| 60°    | 457.7  | 482.2  | 537.6  | 626.4  | 693.0  | 669.7  | 550.4  | 442.2  | 373.4  | 334.0  | 308.5  |
| 62.5°  | 414.7  | 433.7  | 485.7  | 550.5  | 598.4  | 572.0  | 470.5  | 381.0  | 326.4  | 293.2  | 273.0  |
| 65°    | 352.3  | 367.9  | 409.4  | 443.3  | 469.9  | 444.4  | 360.1  | 297.9  | 258.5  | 235.2  | 221.4  |
| 67.5°  | 293.1  | 303.0  | 329.2  | 341.4  | 360.2  | 332.2  | 270.8  | 229.2  | 206.8  | 187.1  | 177.4  |
| 70°    | 255.8  | 263.0  | 276.9  | 286.8  | 291.9  | 263.0  | 217.5  | 186.9  | 168.1  | 154.3  | 148.1  |
| 72.5°  | 218.5  | 224.9  | 227.6  | 235.8  | 233.3  | 206.2  | 174.9  | 150.6  | 137.1  | 127.6  | 119.8  |
| 75°    | 167.0  | 169.7  | 167.0  | 163.7  | 156.5  | 137.6  | 115.9  | 103.8  | 93.8   | 89.4   | 86.6   |
| 77.5°  | 121.7  | 120.8  | 117.1  | 111.9  | 99.5   | 87.6   | 76.0   | 71.9   | 67.6   | 65.2   | 64.2   |
| 80°    | 93.8   | 91.6   | 88.2   | 79.9   | 69.4   | 61.1   | 58.3   | 55.5   | 53.8   | 51.0   | 50.5   |
| 82.5°  | 69.8   | 68.5   | 62.9   | 55.9   | 48.5   | 44.6   | 42.3   | 41.3   | 39.6   | 38.2   | 38.1   |
| 85°    | 37.2   | 35.5   | 29.4   | 25.5   | 24.4   | 23.3   | 22.7   | 22.7   | 20.5   | 20.0   | 20.0   |
| 87.5°  | 12.5   | 10.2   | 10.1   | 9.1    | 9.5    | 9.1    | 10.0   | 9.6    | 9.7    | 10.3   | 9.5    |
| 90°    | 2.6    | 4.4    | 6.3    | 8.1    | 10.1   | 12.5   | 14.8   | 17.2   | 19.6   | 20.2   | 21.0   |
| 92.5°  | 14.6   | 14.1   | 13.6   | 13.1   | 13.8   | 15.5   | 17.3   | 19.1   | 20.9   | 22.0   | 23.2   |
| 95°    | 42.2   | 34.8   | 27.4   | 20.0   | 17.3   | 19.2   | 21.3   | 23.2   | 25.2   | 26.5   | 27.7   |
| 97.5°  | 96.4   | 93.1   | 89.8   | 86.4   | 78.3   | 65.3   | 52.3   | 39.2   | 26.2   | 27.6   | 29.1   |
| 100°   | 141.1  | 144.8  | 148.4  | 152.0  | 139.7  | 111.5  | 83.2   | 55.0   | 26.8   | 28.3   | 29.8   |
| 102.5° | 183.1  | 185.7  | 188.3  | 190.9  | 176.8  | 146.0  | 115.2  | 84.4   | 53.6   | 49.1   | 44.6   |
| 105°   | 244.5  | 246.5  | 248.5  | 250.5  | 243.3  | 227.1  | 210.8  | 194.5  | 178.2  | 146.2  | 114.2  |
| 107.5° | 309.6  | 311.1  | 312.7  | 314.3  | 316.4  | 318.9  | 321.6  | 324.1  | 326.7  | 303.2  | 279.7  |
| 110°   | 353.0  | 354.4  | 355.9  | 357.3  | 359.1  | 361.0  | 363.1  | 365.0  | 367.0  | 361.0  | 355.1  |





TEST NUMBER: P332348-930

CATALOG NUMBER: S123RDIP-S1000D1025U930-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 275°   | 280°   | 285°   | 290°   | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 394.5  | 395.8  | 397.1  | 398.4  | 400.1  | 402.1  | 404.1  | 406.0  | 408.1  | 408.1  | 408.2  |
| 115°   | 456.0  | 457.1  | 458.2  | 459.3  | 460.6  | 462.2  | 463.8  | 465.5  | 467.1  | 469.0  | 470.8  |
| 117.5° | 516.0  | 517.3  | 518.7  | 520.0  | 521.1  | 521.9  | 522.8  | 523.6  | 524.4  | 525.9  | 527.3  |
| 120°   | 553.3  | 555.0  | 556.6  | 558.2  | 559.4  | 559.9  | 560.4  | 561.0  | 561.5  | 563.0  | 564.4  |
| 122.5° | 590.8  | 592.2  | 593.5  | 594.8  | 595.9  | 596.6  | 597.3  | 597.9  | 598.6  | 599.7  | 600.6  |
| 125°   | 642.7  | 644.2  | 645.6  | 647.0  | 648.2  | 648.9  | 649.5  | 650.3  | 651.0  | 651.4  | 651.8  |
| 127.5° | 692.8  | 694.3  | 695.7  | 697.2  | 698.3  | 699.2  | 700.1  | 700.9  | 701.8  | 702.4  | 703.0  |
| 130°   | 724.1  | 725.5  | 727.0  | 728.5  | 729.5  | 730.3  | 731.0  | 731.6  | 732.4  | 733.1  | 733.9  |
| 132.5° | 754.1  | 755.5  | 756.9  | 758.4  | 759.4  | 759.9  | 760.5  | 761.2  | 761.7  | 762.5  | 763.1  |
| 135°   | 799.4  | 800.5  | 801.6  | 802.7  | 803.6  | 804.3  | 805.0  | 805.8  | 806.5  | 807.0  | 807.6  |
| 137.5° | 838.8  | 840.2  | 841.6  | 842.9  | 843.8  | 844.2  | 844.6  | 845.0  | 845.4  | 846.2  | 847.1  |
| 140°   | 864.5  | 865.6  | 866.7  | 867.8  | 868.6  | 869.1  | 869.7  | 870.3  | 870.7  | 871.5  | 872.2  |
| 142.5° | 888.6  | 889.7  | 890.8  | 891.9  | 892.7  | 893.2  | 893.7  | 894.3  | 894.9  | 895.4  | 896.0  |
| 145°   | 922.5  | 923.7  | 925.0  | 926.3  | 927.1  | 927.5  | 927.8  | 928.1  | 928.5  | 928.9  | 929.3  |
| 147.5° | 953.8  | 954.6  | 955.4  | 956.3  | 956.8  | 957.2  | 957.6  | 958.0  | 958.3  | 958.7  | 959.0  |
| 150°   | 973.1  | 973.5  | 974.1  | 974.6  | 975.1  | 975.4  | 975.8  | 976.2  | 976.6  | 976.9  | 977.3  |
| 152.5° | 990.3  | 990.6  | 990.8  | 991.1  | 991.3  | 991.5  | 991.7  | 992.0  | 992.1  | 992.8  | 993.4  |
| 155°   | 1014.4 | 1014.1 | 1013.7 | 1013.3 | 1013.3 | 1013.4 | 1013.6 | 1013.8 | 1014.0 | 1014.9 | 1015.8 |
| 157.5° | 1034.0 | 1034.0 | 1033.9 | 1033.9 | 1033.7 | 1033.6 | 1033.4 | 1033.2 | 1033.0 | 1034.1 | 1035.2 |
| 160°   | 1045.5 | 1045.4 | 1045.2 | 1045.0 | 1044.8 | 1044.6 | 1044.5 | 1044.2 | 1044.1 | 1045.2 | 1046.3 |
| 162.5° | 1056.3 | 1055.8 | 1055.4 | 1054.9 | 1054.6 | 1054.4 | 1054.2 | 1054.0 | 1053.9 | 1055.1 | 1056.3 |
| 165°   | 1069.6 | 1069.0 | 1068.5 | 1068.0 | 1067.6 | 1067.4 | 1067.2 | 1067.1 | 1066.9 | 1068.3 | 1069.8 |
| 167.5° | 1079.9 | 1079.1 | 1078.4 | 1077.7 | 1077.3 | 1077.3 | 1077.3 | 1077.3 | 1077.3 | 1078.7 | 1080.2 |
| 170°   | 1085.7 | 1085.0 | 1084.3 | 1083.5 | 1083.1 | 1083.1 | 1083.1 | 1083.1 | 1083.1 | 1084.6 | 1086.1 |
| 172.5° | 1089.5 | 1088.6 | 1087.7 | 1086.9 | 1086.5 | 1086.6 | 1086.8 | 1086.9 | 1087.0 | 1088.5 | 1090.0 |
| 175°   | 1094.5 | 1093.6 | 1092.7 | 1091.8 | 1091.4 | 1091.5 | 1091.8 | 1091.9 | 1092.1 | 1093.4 | 1094.6 |
| 177.5° | 1095.9 | 1095.2 | 1094.5 | 1093.8 | 1093.5 | 1093.6 | 1093.8 | 1093.9 | 1094.1 | 1095.2 | 1096.3 |
| 180°   | 1095.4 | 1095.4 | 1095.4 | 1095.4 | 1095.4 | 1095.4 | 1095.4 | 1095.4 | 1095.4 | 1095.4 | 1095.4 |



TEST NUMBER: P332348-930

CATALOG NUMBER: S123RDIP-S1000D1025U930-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 330°   | 335°   | 340°   | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1296.1 | 1296.1 | 1296.1 | 1296.1 | 1296.1 | 1296.1 | 1296.1 |
| 2.5°   | 1367.1 | 1367.1 | 1368.9 | 1375.6 | 1376.5 | 1382.2 | 1380.5 |
| 5°     | 1502.5 | 1513.0 | 1516.9 | 1533.6 | 1543.5 | 1548.0 | 1539.1 |
| 7.5°   | 1668.1 | 1697.8 | 1711.9 | 1729.3 | 1744.7 | 1749.4 | 1737.3 |
| 10°    | 1788.8 | 1819.8 | 1845.9 | 1862.1 | 1877.0 | 1887.0 | 1899.7 |
| 12.5°  | 1905.5 | 1943.7 | 1968.5 | 1991.2 | 2006.6 | 2019.3 | 2021.4 |
| 15°    | 2032.4 | 2090.1 | 2133.9 | 2166.1 | 2182.1 | 2190.5 | 2187.2 |
| 17.5°  | 2160.3 | 2213.8 | 2245.0 | 2277.9 | 2300.1 | 2301.3 | 2301.9 |
| 20°    | 2232.7 | 2284.8 | 2320.9 | 2345.3 | 2370.2 | 2369.2 | 2374.7 |
| 22.5°  | 2281.0 | 2322.1 | 2349.8 | 2367.5 | 2376.0 | 2371.8 | 2372.9 |
| 25°    | 2303.7 | 2315.9 | 2310.9 | 2282.6 | 2275.4 | 2249.3 | 2253.7 |
| 27.5°  | 2187.0 | 2129.2 | 2069.6 | 1992.8 | 1932.2 | 1883.7 | 1886.2 |
| 30°    | 2028.5 | 1926.4 | 1809.9 | 1712.2 | 1624.6 | 1600.2 | 1548.0 |
| 32.5°  | 1807.0 | 1653.8 | 1517.4 | 1426.4 | 1351.1 | 1330.7 | 1285.2 |
| 35°    | 1431.5 | 1282.8 | 1142.4 | 1058.1 | 1024.7 | 978.2  | 977.6  |
| 37.5°  | 1112.6 | 981.7  | 907.5  | 844.2  | 811.1  | 782.9  | 780.1  |
| 40°    | 936.0  | 833.9  | 777.9  | 732.4  | 699.7  | 678.6  | 673.6  |
| 42.5°  | 812.6  | 730.0  | 677.6  | 649.4  | 624.2  | 613.3  | 605.2  |
| 45°    | 663.6  | 608.1  | 571.4  | 545.9  | 534.3  | 525.9  | 521.5  |
| 47.5°  | 555.1  | 517.9  | 492.9  | 476.0  | 466.5  | 457.7  | 460.1  |
| 50°    | 496.0  | 465.5  | 447.2  | 431.1  | 423.9  | 417.8  | 418.3  |
| 52.5°  | 448.5  | 421.1  | 406.3  | 394.7  | 385.7  | 381.4  | 379.3  |
| 55°    | 380.6  | 363.4  | 348.5  | 340.1  | 335.1  | 329.1  | 327.3  |
| 57.5°  | 324.7  | 311.4  | 299.1  | 289.8  | 288.5  | 282.7  | 283.4  |
| 60°    | 287.4  | 276.3  | 266.4  | 261.3  | 257.5  | 252.4  | 254.1  |
| 62.5°  | 256.8  | 247.4  | 238.4  | 234.2  | 230.4  | 226.7  | 227.5  |
| 65°    | 210.3  | 201.4  | 195.8  | 193.6  | 192.0  | 190.3  | 188.7  |
| 67.5°  | 167.5  | 162.2  | 158.7  | 153.9  | 150.5  | 149.9  | 148.2  |
| 70°    | 141.0  | 133.7  | 127.6  | 121.5  | 119.8  | 119.3  | 119.8  |
| 72.5°  | 113.0  | 108.4  | 106.7  | 103.8  | 103.5  | 102.0  | 103.0  |
| 75°    | 84.9   | 83.2   | 82.1   | 79.9   | 79.9   | 79.9   | 79.9   |
| 77.5°  | 62.6   | 61.6   | 60.9   | 60.5   | 59.9   | 59.1   | 59.0   |
| 80°    | 48.8   | 48.3   | 47.1   | 47.1   | 46.6   | 47.1   | 46.6   |
| 82.5°  | 36.9   | 36.8   | 35.6   | 35.6   | 35.1   | 34.7   | 35.1   |
| 85°    | 18.8   | 18.3   | 19.4   | 18.3   | 18.8   | 17.8   | 18.8   |
| 87.5°  | 9.7    | 9.8    | 9.5    | 9.5    | 9.2    | 10.1   | 9.3    |
| 90°    | 21.7   | 22.4   | 23.0   | 23.3   | 23.7   | 24.1   | 24.4   |
| 92.5°  | 24.3   | 25.4   | 26.2   | 26.3   | 26.6   | 26.8   | 27.0   |
| 95°    | 29.0   | 30.3   | 30.9   | 30.9   | 30.9   | 30.9   | 30.9   |
| 97.5°  | 30.6   | 32.0   | 32.8   | 33.0   | 33.2   | 33.3   | 33.5   |
| 100°   | 31.2   | 32.6   | 33.4   | 33.7   | 33.8   | 34.0   | 34.2   |
| 102.5° | 40.1   | 35.6   | 33.5   | 33.8   | 34.2   | 34.5   | 34.8   |
| 105°   | 82.2   | 50.2   | 34.3   | 34.7   | 35.1   | 35.5   | 35.8   |
| 107.5° | 256.2  | 232.8  | 209.0  | 184.8  | 160.7  | 136.6  | 112.4  |
| 110°   | 349.1  | 343.2  | 327.3  | 301.3  | 275.5  | 249.6  | 223.8  |



TEST NUMBER: P332348-930

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**CANDELA DISTRIBUTION (continued):**

|        | 330°   | 335°   | 340°   | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 408.4  | 408.5  | 405.8  | 400.3  | 394.8  | 389.4  | 383.9  |
| 115°   | 472.5  | 474.3  | 475.6  | 476.3  | 477.0  | 477.8  | 478.5  |
| 117.5° | 528.7  | 530.2  | 531.0  | 531.2  | 531.2  | 531.4  | 531.6  |
| 120°   | 565.8  | 567.3  | 568.0  | 568.0  | 568.0  | 568.0  | 568.0  |
| 122.5° | 601.7  | 602.7  | 603.2  | 603.4  | 603.6  | 603.6  | 603.8  |
| 125°   | 652.1  | 652.5  | 652.8  | 653.2  | 653.5  | 654.0  | 654.3  |
| 127.5° | 703.5  | 704.1  | 704.3  | 703.8  | 703.5  | 703.1  | 702.8  |
| 130°   | 734.6  | 735.3  | 735.5  | 735.2  | 734.7  | 734.4  | 734.0  |
| 132.5° | 763.9  | 764.6  | 764.7  | 764.2  | 763.7  | 763.2  | 762.7  |
| 135°   | 808.1  | 808.6  | 808.6  | 808.1  | 807.6  | 807.0  | 806.5  |
| 137.5° | 848.0  | 848.8  | 849.1  | 848.7  | 848.4  | 848.0  | 847.7  |
| 140°   | 872.9  | 873.7  | 873.8  | 873.4  | 873.1  | 872.8  | 872.4  |
| 142.5° | 896.6  | 897.2  | 897.2  | 896.7  | 896.2  | 895.7  | 895.2  |
| 145°   | 929.6  | 930.0  | 930.2  | 930.2  | 930.2  | 930.2  | 930.2  |
| 147.5° | 959.4  | 959.8  | 959.5  | 958.7  | 957.9  | 957.0  | 956.2  |
| 150°   | 977.6  | 978.0  | 977.9  | 977.4  | 976.8  | 976.2  | 975.8  |
| 152.5° | 994.1  | 994.7  | 994.7  | 993.8  | 993.0  | 992.2  | 991.3  |
| 155°   | 1016.7 | 1017.6 | 1017.5 | 1016.4 | 1015.4 | 1014.2 | 1013.2 |
| 157.5° | 1036.2 | 1037.4 | 1037.2 | 1035.8 | 1034.4 | 1033.0 | 1031.6 |
| 160°   | 1047.3 | 1048.4 | 1048.3 | 1047.1 | 1045.8 | 1044.6 | 1043.3 |
| 162.5° | 1057.5 | 1058.7 | 1058.8 | 1057.7 | 1056.5 | 1055.5 | 1054.3 |
| 165°   | 1071.2 | 1072.7 | 1072.8 | 1071.5 | 1070.2 | 1068.9 | 1067.7 |
| 167.5° | 1081.7 | 1083.0 | 1083.0 | 1081.7 | 1080.2 | 1078.7 | 1077.3 |
| 170°   | 1087.5 | 1088.9 | 1088.9 | 1087.5 | 1086.1 | 1084.6 | 1083.1 |
| 172.5° | 1091.4 | 1092.8 | 1092.7 | 1091.2 | 1089.6 | 1088.0 | 1086.4 |
| 175°   | 1095.9 | 1097.1 | 1097.1 | 1095.6 | 1094.2 | 1092.7 | 1091.3 |
| 177.5° | 1097.6 | 1098.7 | 1098.5 | 1097.1 | 1095.7 | 1094.2 | 1092.7 |
| 180°   | 1095.4 | 1095.4 | 1095.4 | 1095.4 | 1095.4 | 1095.4 | 1095.4 |

(END OF REPORT)