

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: P332443-830

Luminaire Tested: **S123RDIW-S775D1320U830-4F0-1E-UDD-A1**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P332443-830  
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-9,  
Test Lab: INNOVATION CENTER  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: NEO-RAY  
Catalog Number: S123RDIW-S775D1320U830-4F0-1E-UDD-A1  
Description: DEFINE 3 DIRECT-INDIRECT WALL MOUNT LED LUMINAIRE  
DOWNLIGHT 775 LUMENS PER FOOT, ASYMMETRIC DIFFUSER, REGRESSED HOUSING  
UPLIGHT 1320 LUMENS PER FOOT, FLUSH SATIN WHITE DIFFUSER  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

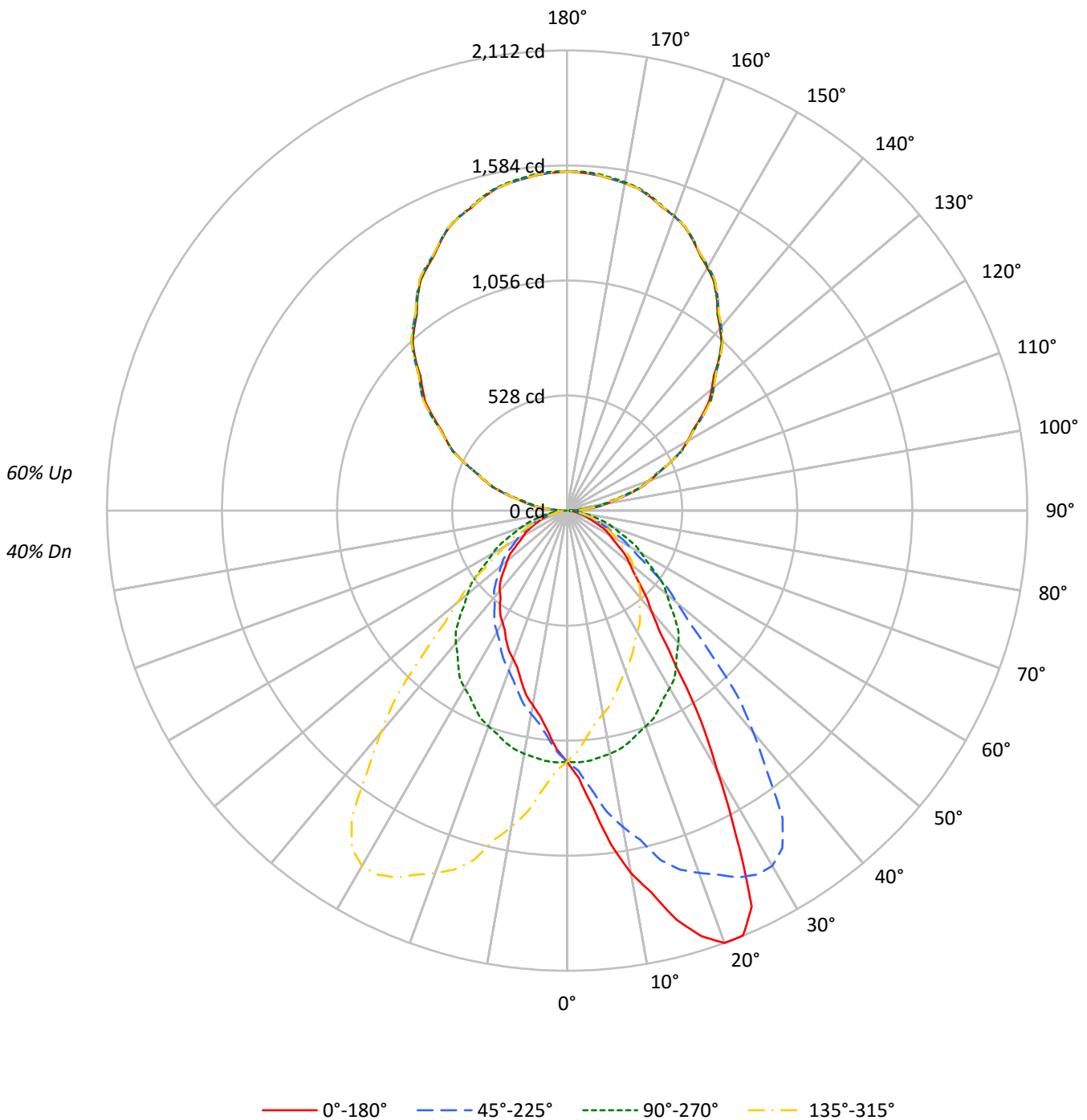
Lumens per Lamp: N/A  
Luminaire Lumens: 7186.4 lumens  
Efficiency: N/A  
Efficacy: 117.0 lumens/watt  
Spacing Criteria (0/90/45): 1.21 / 1.22 / 1.36  
Luminous Opening: Rectangular (W 4' x L: 0.25' x H: 0')  
CIE Type: General Diffuse  
  
Input Watts (W): 61.4  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



TEST NUMBER: P332443-830

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### Luminous Intensity Polar Plot





TEST NUMBER: P332443-830

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

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

|     | 0°    | 90°   | 180°  | 270°  |
|-----|-------|-------|-------|-------|
| 0°  | 12408 | 12408 | 12408 | 12408 |
| 5°  | 14791 | 12460 | 10974 | 12460 |
| 10° | 18467 | 12389 | 9913  | 12389 |
| 15° | 21677 | 12262 | 9040  | 12262 |
| 20° | 24192 | 12073 | 8298  | 12073 |
| 25° | 23807 | 11874 | 7842  | 11874 |
| 30° | 17112 | 11691 | 7372  | 11691 |
| 35° | 11426 | 11452 | 7068  | 11452 |
| 40° | 8418  | 11164 | 6753  | 11164 |
| 45° | 7060  | 10659 | 6445  | 10659 |
| 50° | 6231  | 9999  | 6015  | 9999  |
| 55° | 5465  | 9242  | 5427  | 9242  |
| 60° | 4865  | 8521  | 4971  | 8521  |
| 65° | 4274  | 7743  | 4625  | 7743  |
| 70° | 3355  | 7050  | 4223  | 7050  |
| 75° | 2957  | 6159  | 3855  | 6159  |
| 80° | 2572  | 5232  | 3794  | 5232  |
| 85° | 2075  | 4199  | 4026  | 4199  |



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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 113.4  | 1.6       |
| 10°-20°   | 354.2  | 4.9       |
| 20°-30°   | 556.4  | 7.7       |
| 30°-40°   | 580.5  | 8.1       |
| 40°-50°   | 496.8  | 6.9       |
| 50°-60°   | 378.6  | 5.3       |
| 60°-70°   | 242.7  | 3.4       |
| 70°-80°   | 116.7  | 1.6       |
| 80°-90°   | 35.5   | 0.5       |
| 90°-100°  | 101.4  | 1.4       |
| 100°-110° | 303.4  | 4.2       |
| 110°-120° | 516.1  | 7.2       |
| 120°-130° | 678.8  | 9.4       |
| 130°-140° | 763.0  | 10.6      |
| 140°-150° | 750.0  | 10.4      |
| 150°-160° | 631.4  | 8.8       |
| 160°-170° | 420.3  | 5.8       |
| 170°-180° | 147.2  | 2.0       |
| 0°-30°    | 1023.9 | 14.2      |
| 0°-40°    | 1604.4 | 22.3      |
| 0°-60°    | 2479.8 | 34.5      |
| 0°-90°    | 2874.7 | 40.0      |
| 90°-120°  | 920.9  | 12.8      |
| 90°-150°  | 3112.8 | 43.3      |
| 90°-180°  | 4312.0 | 60.0      |
| 0°-180°   | 7186.4 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°   | 90°  | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0°   | 1153 | 1153 | 1153 | 1153 | 1153 |      |
| 5°   | 1369 | 1153 | 1016 | 1153 | 1369 | 141  |
| 15°  | 1945 | 1100 | 811  | 1100 | 1945 | 552  |
| 25°  | 2004 | 1000 | 660  | 1000 | 2004 | 862  |
| 35°  | 870  | 872  | 538  | 872  | 870  | 570  |
| 45°  | 464  | 700  | 423  | 700  | 464  | 365  |
| 55°  | 291  | 492  | 289  | 492  | 291  | 263  |
| 65°  | 168  | 304  | 182  | 304  | 168  | 165  |
| 75°  | 71   | 148  | 93   | 148  | 71   | 76   |
| 85°  | 17   | 34   | 33   | 34   | 17   | 20   |
| 90°  | 37   | 1    | 37   | 1    | 37   | 18   |
| 95°  | 95   | 72   | 95   | 72   | 95   | 98   |
| 105° | 291  | 275  | 291  | 275  | 291  | 309  |
| 115° | 521  | 520  | 521  | 520  | 521  | 516  |
| 125° | 752  | 760  | 752  | 760  | 752  | 672  |
| 135° | 985  | 987  | 985  | 987  | 985  | 758  |
| 145° | 1197 | 1197 | 1197 | 1197 | 1197 | 747  |
| 155° | 1368 | 1370 | 1368 | 1370 | 1368 | 630  |
| 165° | 1488 | 1493 | 1488 | 1493 | 1488 | 420  |
| 175° | 1546 | 1553 | 1546 | 1553 | 1546 | 147  |
| 180° | 1556 | 1556 | 1556 | 1556 | 1556 |      |



TEST NUMBER: P332443-830

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**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 25°    | 30°    | 35°    | 40°    | 45°    | 50°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1152.7 | 1152.7 | 1152.7 | 1152.7 | 1152.7 | 1152.7 | 1152.7 | 1152.7 | 1152.7 | 1152.7 | 1152.7 |
| 2.5°   | 1227.8 | 1229.4 | 1224.2 | 1223.4 | 1217.5 | 1215.9 | 1215.9 | 1207.6 | 1202.5 | 1195.8 | 1191.8 |
| 5°     | 1368.9 | 1376.8 | 1372.8 | 1364.0 | 1349.2 | 1345.7 | 1336.3 | 1321.5 | 1304.8 | 1284.0 | 1274.1 |
| 7.5°   | 1545.1 | 1555.9 | 1551.8 | 1538.0 | 1522.6 | 1510.0 | 1483.6 | 1459.0 | 1424.6 | 1394.3 | 1368.5 |
| 10°    | 1689.6 | 1678.3 | 1669.4 | 1656.0 | 1641.8 | 1618.5 | 1590.9 | 1552.9 | 1509.0 | 1474.5 | 1436.0 |
| 12.5°  | 1797.8 | 1795.9 | 1784.7 | 1770.9 | 1750.8 | 1728.7 | 1694.8 | 1648.5 | 1597.4 | 1547.6 | 1503.5 |
| 15°    | 1945.2 | 1948.2 | 1940.8 | 1926.5 | 1897.9 | 1858.9 | 1807.6 | 1788.3 | 1715.3 | 1661.0 | 1606.8 |
| 17.5°  | 2047.3 | 2046.7 | 2045.7 | 2025.9 | 1996.7 | 1969.0 | 1921.4 | 1870.8 | 1804.6 | 1728.2 | 1655.0 |
| 20°    | 2112.0 | 2107.1 | 2108.1 | 2085.8 | 2064.2 | 2032.1 | 1985.7 | 1912.2 | 1857.9 | 1769.6 | 1694.0 |
| 22.5°  | 2110.4 | 2109.5 | 2113.3 | 2105.6 | 2089.8 | 2065.3 | 2028.7 | 1966.7 | 1897.4 | 1808.3 | 1723.3 |
| 25°    | 2004.5 | 2000.5 | 2023.7 | 2030.1 | 2055.3 | 2059.7 | 2048.9 | 2014.9 | 1949.2 | 1857.4 | 1752.3 |
| 27.5°  | 1677.6 | 1675.5 | 1718.4 | 1772.4 | 1840.6 | 1893.8 | 1945.0 | 1969.8 | 1949.2 | 1883.5 | 1778.2 |
| 30°    | 1376.8 | 1423.1 | 1444.9 | 1522.9 | 1609.7 | 1713.4 | 1804.1 | 1890.5 | 1911.7 | 1883.1 | 1796.7 |
| 32.5°  | 1143.1 | 1183.6 | 1201.6 | 1268.6 | 1349.5 | 1470.9 | 1607.1 | 1729.4 | 1815.8 | 1837.7 | 1785.6 |
| 35°    | 869.5  | 870.0  | 911.4  | 941.0  | 1016.1 | 1140.9 | 1273.2 | 1437.0 | 1599.8 | 1723.2 | 1736.0 |
| 37.5°  | 693.8  | 696.3  | 721.3  | 750.8  | 807.1  | 873.2  | 989.6  | 1125.8 | 1313.9 | 1503.3 | 1614.3 |
| 40°    | 599.1  | 603.5  | 622.3  | 651.4  | 691.8  | 741.7  | 832.5  | 960.8  | 1117.7 | 1328.4 | 1500.6 |
| 42.5°  | 538.3  | 545.4  | 555.2  | 577.6  | 602.7  | 649.3  | 722.7  | 821.8  | 964.5  | 1163.8 | 1362.4 |
| 45°    | 463.8  | 467.8  | 475.2  | 485.6  | 508.3  | 540.8  | 590.2  | 656.8  | 775.2  | 935.7  | 1134.4 |
| 47.5°  | 409.2  | 407.1  | 414.9  | 423.3  | 438.4  | 460.6  | 493.7  | 548.1  | 632.5  | 761.2  | 929.9  |
| 50°    | 372.1  | 371.6  | 377.0  | 383.4  | 397.8  | 414.1  | 441.2  | 482.1  | 549.2  | 655.8  | 810.3  |
| 52.5°  | 337.3  | 339.2  | 343.1  | 351.1  | 361.4  | 374.6  | 398.9  | 428.4  | 486.1  | 578.1  | 706.8  |
| 55°    | 291.2  | 292.7  | 298.0  | 302.5  | 309.9  | 323.2  | 338.6  | 363.2  | 402.7  | 466.8  | 572.9  |
| 57.5°  | 252.0  | 251.4  | 256.6  | 257.7  | 266.1  | 276.9  | 288.8  | 307.9  | 336.6  | 384.2  | 455.6  |
| 60°    | 226.0  | 224.5  | 228.9  | 232.4  | 236.9  | 245.7  | 255.6  | 274.4  | 297.1  | 332.1  | 393.3  |
| 62.5°  | 202.4  | 201.6  | 204.9  | 208.3  | 212.0  | 220.1  | 228.4  | 242.8  | 260.7  | 290.3  | 338.8  |
| 65°    | 167.8  | 169.3  | 170.7  | 172.2  | 174.2  | 179.1  | 187.0  | 196.9  | 209.2  | 230.0  | 264.9  |
| 67.5°  | 131.9  | 133.4  | 133.8  | 136.9  | 141.1  | 144.2  | 149.0  | 157.8  | 166.4  | 183.9  | 203.8  |
| 70°    | 106.6  | 106.1  | 106.6  | 108.1  | 113.5  | 118.9  | 125.4  | 131.8  | 137.1  | 149.5  | 166.3  |
| 72.5°  | 91.6   | 90.7   | 92.0   | 92.3   | 94.9   | 96.4   | 100.5  | 106.5  | 113.5  | 121.9  | 133.9  |
| 75°    | 71.1   | 71.1   | 71.1   | 71.1   | 73.0   | 74.0   | 75.5   | 77.0   | 79.5   | 83.4   | 92.3   |
| 77.5°  | 52.5   | 52.6   | 53.3   | 53.8   | 54.2   | 54.8   | 55.7   | 57.1   | 58.1   | 60.1   | 64.0   |
| 80°    | 41.5   | 41.9   | 41.5   | 41.9   | 41.9   | 42.9   | 43.5   | 44.9   | 45.4   | 47.9   | 49.4   |
| 82.5°  | 31.2   | 30.9   | 31.2   | 31.7   | 31.7   | 32.7   | 32.8   | 33.8   | 33.9   | 35.3   | 36.8   |
| 85°    | 16.8   | 15.8   | 16.8   | 16.3   | 17.2   | 16.3   | 16.8   | 17.7   | 17.7   | 18.3   | 20.3   |
| 87.5°  | 11.3   | 12.0   | 11.0   | 11.3   | 11.2   | 11.5   | 11.2   | 11.0   | 11.6   | 11.0   | 10.7   |
| 90°    | 36.7   | 36.1   | 35.6   | 35.1   | 34.5   | 33.6   | 32.6   | 31.5   | 30.4   | 29.3   | 25.8   |
| 92.5°  | 49.4   | 49.7   | 50.0   | 50.3   | 50.7   | 50.4   | 49.6   | 48.6   | 47.8   | 46.9   | 45.0   |
| 95°    | 95.4   | 95.4   | 95.4   | 95.4   | 95.4   | 94.8   | 93.7   | 92.7   | 91.5   | 90.5   | 88.3   |
| 97.5°  | 146.7  | 146.8  | 146.9  | 147.0  | 147.1  | 146.6  | 145.3  | 144.0  | 142.8  | 141.6  | 140.0  |
| 100°   | 185.8  | 185.3  | 184.7  | 184.2  | 183.6  | 182.9  | 182.1  | 181.3  | 180.5  | 179.7  | 178.3  |
| 102.5° | 225.9  | 226.0  | 226.1  | 226.2  | 226.3  | 226.0  | 225.2  | 224.3  | 223.6  | 222.7  | 220.9  |
| 105°   | 291.0  | 290.4  | 289.8  | 289.4  | 288.8  | 288.5  | 288.5  | 288.5  | 288.5  | 288.5  | 286.1  |
| 107.5° | 358.6  | 359.0  | 359.3  | 359.7  | 360.0  | 359.7  | 358.8  | 358.0  | 357.1  | 356.2  | 355.2  |
| 110°   | 404.6  | 405.2  | 405.8  | 406.2  | 406.8  | 406.5  | 405.5  | 404.4  | 403.3  | 402.2  | 401.6  |



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**CANDELA DISTRIBUTION (continued):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 25°    | 30°    | 35°    | 40°    | 45°    | 50°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 453.6  | 453.6  | 453.7  | 453.8  | 453.9  | 453.4  | 452.0  | 450.7  | 449.5  | 448.2  | 448.1  |
| 115°   | 520.8  | 521.0  | 521.3  | 521.6  | 521.9  | 521.9  | 521.6  | 521.3  | 521.0  | 520.8  | 521.3  |
| 117.5° | 589.0  | 589.7  | 590.5  | 591.3  | 592.0  | 592.4  | 592.5  | 592.6  | 592.6  | 592.7  | 593.3  |
| 120°   | 636.9  | 637.4  | 638.0  | 638.6  | 639.0  | 639.5  | 639.8  | 640.0  | 640.3  | 640.6  | 642.0  |
| 122.5° | 682.9  | 683.6  | 684.4  | 685.1  | 685.9  | 686.6  | 687.3  | 688.1  | 688.7  | 689.5  | 690.1  |
| 125°   | 751.8  | 752.9  | 753.9  | 755.1  | 756.2  | 757.2  | 758.4  | 759.4  | 760.5  | 761.6  | 762.1  |
| 127.5° | 820.5  | 821.8  | 823.0  | 824.3  | 825.5  | 826.9  | 828.4  | 829.9  | 831.4  | 833.0  | 833.6  |
| 130°   | 865.5  | 867.4  | 869.3  | 871.2  | 873.1  | 874.6  | 875.7  | 876.8  | 877.9  | 878.9  | 879.8  |
| 132.5° | 912.5  | 913.9  | 915.4  | 916.8  | 918.3  | 919.7  | 921.0  | 922.3  | 923.6  | 924.9  | 925.5  |
| 135°   | 985.3  | 985.8  | 986.4  | 986.9  | 987.5  | 988.3  | 989.4  | 990.4  | 991.6  | 992.6  | 992.9  |
| 137.5° | 1049.6 | 1050.7 | 1051.7 | 1052.7 | 1053.8 | 1054.8 | 1055.9 | 1057.1 | 1058.2 | 1059.4 | 1058.7 |
| 140°   | 1091.7 | 1093.5 | 1095.4 | 1097.4 | 1099.3 | 1100.3 | 1100.6 | 1100.9 | 1101.2 | 1101.5 | 1101.2 |
| 142.5° | 1134.7 | 1136.1 | 1137.6 | 1139.1 | 1140.6 | 1141.4 | 1141.7 | 1142.0 | 1142.3 | 1142.6 | 1142.0 |
| 145°   | 1196.7 | 1197.9 | 1198.9 | 1200.0 | 1201.2 | 1201.8 | 1202.1 | 1202.3 | 1202.6 | 1202.9 | 1202.1 |
| 147.5° | 1252.1 | 1253.7 | 1255.3 | 1257.0 | 1258.6 | 1259.3 | 1259.3 | 1259.3 | 1259.3 | 1259.3 | 1258.6 |
| 150°   | 1287.2 | 1288.8 | 1290.5 | 1292.1 | 1293.7 | 1294.6 | 1294.6 | 1294.6 | 1294.6 | 1294.6 | 1294.0 |
| 152.5° | 1321.4 | 1322.9 | 1324.3 | 1325.7 | 1327.1 | 1327.6 | 1327.2 | 1326.7 | 1326.3 | 1325.9 | 1325.6 |
| 155°   | 1367.9 | 1369.8 | 1371.8 | 1373.7 | 1375.5 | 1375.9 | 1374.9 | 1373.8 | 1372.7 | 1371.6 | 1371.3 |
| 157.5° | 1410.2 | 1411.7 | 1413.2 | 1414.8 | 1416.3 | 1416.5 | 1415.3 | 1414.2 | 1413.1 | 1411.9 | 1411.7 |
| 160°   | 1437.6 | 1438.7 | 1439.8 | 1440.9 | 1442.0 | 1441.8 | 1440.5 | 1439.1 | 1437.8 | 1436.3 | 1436.3 |
| 162.5° | 1458.1 | 1459.9 | 1461.6 | 1463.4 | 1465.1 | 1465.3 | 1464.0 | 1462.5 | 1461.2 | 1459.8 | 1459.6 |
| 165°   | 1487.7 | 1489.6 | 1491.6 | 1493.5 | 1495.3 | 1495.4 | 1493.8 | 1492.2 | 1490.5 | 1488.9 | 1488.9 |
| 167.5° | 1512.9 | 1514.6 | 1516.3 | 1518.0 | 1519.7 | 1519.7 | 1518.0 | 1516.3 | 1514.6 | 1512.9 | 1512.7 |
| 170°   | 1525.6 | 1527.5 | 1529.5 | 1531.3 | 1533.2 | 1533.2 | 1531.3 | 1529.5 | 1527.5 | 1525.6 | 1525.6 |
| 172.5° | 1535.4 | 1537.3 | 1539.2 | 1541.2 | 1543.0 | 1543.1 | 1541.4 | 1539.7 | 1538.0 | 1536.3 | 1536.3 |
| 175°   | 1546.4 | 1548.3 | 1550.2 | 1552.1 | 1554.0 | 1554.2 | 1552.6 | 1550.9 | 1549.3 | 1547.7 | 1547.7 |
| 177.5° | 1552.3 | 1553.8 | 1555.3 | 1556.8 | 1558.4 | 1558.5 | 1557.2 | 1555.9 | 1554.5 | 1553.2 | 1553.2 |
| 180°   | 1556.2 | 1556.2 | 1556.2 | 1556.2 | 1556.2 | 1556.2 | 1556.2 | 1556.2 | 1556.2 | 1556.2 | 1556.2 |



TEST NUMBER: P332443-830

CATALOG NUMBER: S123RDIW-S775D1320U830-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 55°    | 60°    | 65°    | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    | 100°   | 105°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1152.7 | 1152.7 | 1152.7 | 1152.7 | 1152.7 | 1152.7 | 1152.7 | 1152.7 | 1152.7 | 1152.7 | 1152.7 |
| 2.5°   | 1190.2 | 1189.0 | 1183.6 | 1177.2 | 1168.9 | 1163.4 | 1159.0 | 1156.7 | 1149.6 | 1140.9 | 1135.0 |
| 5°     | 1263.8 | 1249.0 | 1233.2 | 1213.9 | 1196.2 | 1177.9 | 1166.6 | 1153.2 | 1137.0 | 1118.7 | 1105.9 |
| 7.5°   | 1342.6 | 1313.5 | 1282.2 | 1250.0 | 1218.0 | 1189.5 | 1164.2 | 1142.6 | 1116.6 | 1090.4 | 1072.1 |
| 10°    | 1403.0 | 1360.5 | 1316.5 | 1271.7 | 1230.7 | 1192.2 | 1162.6 | 1133.5 | 1102.4 | 1072.3 | 1049.6 |
| 12.5°  | 1457.8 | 1401.9 | 1351.3 | 1296.2 | 1243.8 | 1197.8 | 1155.1 | 1120.9 | 1083.5 | 1051.4 | 1025.5 |
| 15°    | 1527.3 | 1470.1 | 1408.8 | 1324.9 | 1255.4 | 1197.1 | 1145.4 | 1100.4 | 1055.1 | 1015.6 | 990.4  |
| 17.5°  | 1592.2 | 1506.1 | 1423.9 | 1353.9 | 1263.5 | 1190.7 | 1127.5 | 1073.7 | 1024.0 | 982.1  | 951.1  |
| 20°    | 1619.1 | 1535.7 | 1446.3 | 1357.1 | 1268.2 | 1186.8 | 1113.2 | 1054.0 | 1002.2 | 954.9  | 926.2  |
| 22.5°  | 1635.2 | 1540.8 | 1446.7 | 1350.8 | 1256.4 | 1171.8 | 1099.1 | 1033.9 | 977.8  | 932.7  | 897.4  |
| 25°    | 1654.1 | 1541.6 | 1437.9 | 1343.2 | 1247.0 | 1155.2 | 1068.8 | 999.8  | 939.1  | 891.2  | 853.7  |
| 27.5°  | 1666.5 | 1534.2 | 1411.7 | 1306.4 | 1208.8 | 1117.4 | 1038.2 | 965.1  | 903.4  | 852.8  | 812.6  |
| 30°    | 1668.9 | 1528.2 | 1391.6 | 1277.6 | 1178.4 | 1094.5 | 1010.6 | 940.6  | 875.4  | 821.6  | 784.1  |
| 32.5°  | 1672.1 | 1513.6 | 1364.3 | 1243.2 | 1141.7 | 1058.6 | 982.6  | 915.7  | 848.9  | 796.0  | 757.7  |
| 35°    | 1659.1 | 1505.6 | 1323.0 | 1183.8 | 1082.1 | 1001.7 | 933.1  | 871.5  | 805.9  | 754.5  | 715.5  |
| 37.5°  | 1603.0 | 1473.5 | 1280.2 | 1116.9 | 1010.6 | 936.1  | 880.2  | 826.4  | 766.3  | 710.9  | 674.2  |
| 40°    | 1546.5 | 1441.9 | 1247.0 | 1076.3 | 965.3  | 888.7  | 838.4  | 794.5  | 736.2  | 684.5  | 645.0  |
| 42.5°  | 1462.4 | 1398.9 | 1215.4 | 1033.6 | 913.9  | 840.2  | 797.8  | 756.6  | 705.5  | 652.9  | 615.8  |
| 45°    | 1308.2 | 1316.5 | 1150.8 | 965.7  | 842.8  | 768.8  | 728.9  | 700.2  | 654.9  | 611.4  | 573.4  |
| 47.5°  | 1114.7 | 1193.2 | 1074.9 | 893.3  | 767.9  | 698.4  | 663.5  | 638.6  | 607.9  | 565.3  | 530.7  |
| 50°    | 988.4  | 1100.4 | 1014.1 | 844.8  | 721.0  | 651.9  | 617.4  | 597.1  | 570.4  | 536.9  | 503.8  |
| 52.5°  | 871.9  | 992.3  | 940.7  | 790.7  | 670.1  | 606.9  | 573.2  | 556.5  | 535.3  | 503.7  | 473.8  |
| 55°    | 711.1  | 833.0  | 821.1  | 709.1  | 593.6  | 536.9  | 511.2  | 492.5  | 478.2  | 454.5  | 430.8  |
| 57.5°  | 575.2  | 690.8  | 696.9  | 618.3  | 526.3  | 470.2  | 448.2  | 434.0  | 424.7  | 406.8  | 384.9  |
| 60°    | 489.6  | 595.6  | 616.3  | 557.1  | 478.2  | 428.9  | 407.1  | 395.8  | 388.3  | 374.1  | 357.3  |
| 62.5°  | 418.5  | 508.8  | 532.3  | 489.7  | 432.0  | 385.8  | 368.8  | 357.9  | 352.8  | 340.4  | 325.6  |
| 65°    | 320.3  | 395.3  | 417.9  | 394.3  | 364.2  | 327.2  | 313.4  | 304.0  | 299.5  | 292.7  | 281.7  |
| 67.5°  | 240.8  | 295.5  | 320.4  | 303.7  | 292.8  | 269.5  | 260.6  | 255.6  | 251.7  | 246.9  | 237.9  |
| 70°    | 193.4  | 233.9  | 259.6  | 255.1  | 246.3  | 233.9  | 227.5  | 224.0  | 220.1  | 216.1  | 208.2  |
| 72.5°  | 155.5  | 183.4  | 207.5  | 209.7  | 202.5  | 199.9  | 194.4  | 192.8  | 190.5  | 185.8  | 181.4  |
| 75°    | 103.1  | 122.3  | 139.1  | 145.5  | 148.5  | 151.0  | 148.5  | 148.1  | 147.5  | 143.6  | 141.1  |
| 77.5°  | 67.6   | 77.9   | 88.5   | 99.4   | 104.2  | 107.4  | 108.3  | 110.1  | 108.8  | 106.7  | 105.5  |
| 80°    | 51.8   | 54.3   | 61.6   | 71.1   | 78.4   | 81.4   | 83.4   | 84.4   | 83.9   | 83.4   | 81.4   |
| 82.5°  | 37.6   | 39.7   | 43.2   | 49.8   | 56.0   | 60.9   | 62.1   | 61.9   | 63.0   | 63.2   | 61.6   |
| 85°    | 20.3   | 20.7   | 21.7   | 22.7   | 26.1   | 31.6   | 33.1   | 34.0   | 35.1   | 35.1   | 32.0   |
| 87.5°  | 10.7   | 9.7    | 9.7    | 9.1    | 9.8    | 9.6    | 11.4   | 12.9   | 13.9   | 12.8   | 13.3   |
| 90°    | 22.2   | 18.8   | 15.2   | 12.1   | 9.3    | 6.7    | 4.0    | 1.2    | 4.0    | 6.7    | 9.3    |
| 92.5°  | 42.9   | 40.9   | 38.9   | 36.9   | 35.2   | 33.3   | 31.4   | 29.6   | 31.4   | 33.3   | 35.2   |
| 95°    | 86.1   | 84.0   | 81.8   | 79.7   | 77.9   | 76.0   | 74.0   | 72.1   | 74.0   | 76.0   | 77.9   |
| 97.5°  | 138.4  | 136.9  | 135.3  | 133.7  | 132.3  | 130.9  | 129.5  | 128.1  | 129.5  | 130.9  | 132.3  |
| 100°   | 177.0  | 175.6  | 174.3  | 172.8  | 171.2  | 169.5  | 167.9  | 166.3  | 167.9  | 169.5  | 171.2  |
| 102.5° | 219.1  | 217.4  | 215.6  | 214.1  | 213.2  | 212.3  | 211.2  | 210.3  | 211.2  | 212.3  | 213.2  |
| 105°   | 283.6  | 281.2  | 278.7  | 277.2  | 276.6  | 276.2  | 275.6  | 275.0  | 275.6  | 276.2  | 276.6  |
| 107.5° | 354.3  | 353.3  | 352.3  | 351.7  | 351.4  | 351.0  | 350.7  | 350.3  | 350.7  | 351.0  | 351.4  |
| 110°   | 401.1  | 400.6  | 400.0  | 399.4  | 398.9  | 398.4  | 397.8  | 397.3  | 397.8  | 398.4  | 398.9  |





TEST NUMBER: P332443-830

CATALOG NUMBER: S123RDIW-S775D1320U830-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 55°    | 60°    | 65°    | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    | 100°   | 105°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 447.9  | 447.8  | 447.7  | 447.5  | 447.1  | 446.9  | 446.5  | 446.2  | 446.5  | 446.9  | 447.1  |
| 115°   | 521.9  | 522.4  | 522.9  | 522.8  | 522.0  | 521.1  | 520.4  | 519.5  | 520.4  | 521.1  | 522.0  |
| 117.5° | 594.1  | 594.7  | 595.5  | 595.6  | 595.0  | 594.5  | 593.9  | 593.4  | 593.9  | 594.5  | 595.0  |
| 120°   | 643.3  | 644.6  | 646.0  | 645.8  | 644.2  | 642.6  | 640.9  | 639.3  | 640.9  | 642.6  | 644.2  |
| 122.5° | 690.9  | 691.5  | 692.3  | 692.0  | 690.9  | 689.7  | 688.4  | 687.3  | 688.4  | 689.7  | 690.9  |
| 125°   | 762.7  | 763.2  | 763.7  | 763.6  | 762.8  | 762.0  | 761.2  | 760.3  | 761.2  | 762.0  | 762.8  |
| 127.5° | 834.2  | 834.8  | 835.4  | 834.8  | 833.0  | 831.3  | 829.6  | 827.8  | 829.6  | 831.3  | 833.0  |
| 130°   | 880.6  | 881.4  | 882.2  | 881.6  | 879.4  | 877.2  | 875.0  | 872.8  | 875.0  | 877.2  | 879.4  |
| 132.5° | 926.1  | 926.7  | 927.3  | 926.5  | 924.4  | 922.2  | 920.0  | 917.8  | 920.0  | 922.2  | 924.4  |
| 135°   | 993.2  | 993.4  | 993.7  | 993.1  | 991.4  | 989.8  | 988.2  | 986.6  | 988.2  | 989.8  | 991.4  |
| 137.5° | 1058.0 | 1057.2 | 1056.6 | 1055.6 | 1054.1 | 1052.8 | 1051.4 | 1050.1 | 1051.4 | 1052.8 | 1054.1 |
| 140°   | 1100.9 | 1100.6 | 1100.3 | 1099.6 | 1098.2 | 1096.8 | 1095.4 | 1094.1 | 1095.4 | 1096.8 | 1098.2 |
| 142.5° | 1141.5 | 1141.0 | 1140.6 | 1139.6 | 1138.3 | 1136.9 | 1135.6 | 1134.2 | 1135.6 | 1136.9 | 1138.3 |
| 145°   | 1201.3 | 1200.4 | 1199.7 | 1198.9 | 1198.4 | 1197.9 | 1197.3 | 1196.7 | 1197.3 | 1197.9 | 1198.4 |
| 147.5° | 1257.8 | 1257.1 | 1256.3 | 1255.5 | 1254.5 | 1253.5 | 1252.5 | 1251.5 | 1252.5 | 1253.5 | 1254.5 |
| 150°   | 1293.5 | 1293.0 | 1292.4 | 1291.8 | 1291.3 | 1290.8 | 1290.2 | 1289.7 | 1290.2 | 1290.8 | 1291.3 |
| 152.5° | 1325.2 | 1324.9 | 1324.6 | 1324.0 | 1323.2 | 1322.5 | 1321.7 | 1321.0 | 1321.7 | 1322.5 | 1323.2 |
| 155°   | 1371.0 | 1370.7 | 1370.6 | 1370.4 | 1370.4 | 1370.4 | 1370.4 | 1370.4 | 1370.4 | 1370.4 | 1370.4 |
| 157.5° | 1411.5 | 1411.3 | 1411.1 | 1411.1 | 1411.5 | 1411.7 | 1412.1 | 1412.4 | 1412.1 | 1411.7 | 1411.5 |
| 160°   | 1436.3 | 1436.3 | 1436.3 | 1436.6 | 1437.2 | 1437.8 | 1438.3 | 1438.8 | 1438.3 | 1437.8 | 1437.2 |
| 162.5° | 1459.4 | 1459.2 | 1459.0 | 1459.2 | 1460.0 | 1460.8 | 1461.5 | 1462.3 | 1461.5 | 1460.8 | 1460.0 |
| 165°   | 1488.9 | 1488.9 | 1488.9 | 1489.4 | 1490.2 | 1491.0 | 1491.8 | 1492.6 | 1491.8 | 1491.0 | 1490.2 |
| 167.5° | 1512.5 | 1512.2 | 1512.0 | 1512.5 | 1513.5 | 1514.7 | 1515.7 | 1516.8 | 1515.7 | 1514.7 | 1513.5 |
| 170°   | 1525.6 | 1525.6 | 1525.6 | 1526.2 | 1527.3 | 1528.3 | 1529.5 | 1530.5 | 1529.5 | 1528.3 | 1527.3 |
| 172.5° | 1536.3 | 1536.3 | 1536.3 | 1536.9 | 1538.0 | 1539.1 | 1540.2 | 1541.2 | 1540.2 | 1539.1 | 1538.0 |
| 175°   | 1547.7 | 1547.7 | 1547.7 | 1548.1 | 1549.3 | 1550.4 | 1551.4 | 1552.6 | 1551.4 | 1550.4 | 1549.3 |
| 177.5° | 1553.2 | 1553.2 | 1553.2 | 1553.7 | 1554.5 | 1555.4 | 1556.3 | 1557.2 | 1556.3 | 1555.4 | 1554.5 |
| 180°   | 1556.2 | 1556.2 | 1556.2 | 1556.2 | 1556.2 | 1556.2 | 1556.2 | 1556.2 | 1556.2 | 1556.2 | 1556.2 |



TEST NUMBER: P332443-830

CATALOG NUMBER: S123RDIW-S775D1320U830-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 110°   | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   | 150°   | 155°   | 160°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1152.7 | 1152.7 | 1152.7 | 1152.7 | 1152.7 | 1152.7 | 1152.7 | 1152.7 | 1152.7 | 1152.7 | 1152.7 |
| 2.5°   | 1133.0 | 1127.8 | 1124.4 | 1116.4 | 1111.3 | 1105.8 | 1100.2 | 1103.8 | 1103.4 | 1103.0 | 1103.0 |
| 5°     | 1095.0 | 1083.6 | 1073.3 | 1060.0 | 1051.6 | 1041.2 | 1033.3 | 1032.4 | 1034.3 | 1027.4 | 1023.4 |
| 7.5°   | 1057.3 | 1041.8 | 1027.1 | 1012.4 | 996.8  | 984.4  | 976.6  | 972.9  | 967.9  | 963.7  | 959.2  |
| 10°    | 1030.9 | 1012.6 | 998.2  | 980.1  | 963.3  | 948.5  | 939.1  | 932.6  | 929.2  | 925.8  | 919.4  |
| 12.5°  | 1003.6 | 985.7  | 967.5  | 946.9  | 930.9  | 913.7  | 906.7  | 899.5  | 892.9  | 889.0  | 880.2  |
| 15°    | 963.7  | 940.6  | 921.3  | 899.6  | 881.8  | 865.1  | 855.2  | 840.8  | 838.9  | 834.0  | 825.1  |
| 17.5°  | 923.8  | 898.6  | 872.0  | 856.0  | 835.9  | 818.5  | 803.4  | 798.6  | 784.5  | 779.2  | 771.5  |
| 20°    | 892.2  | 869.0  | 848.8  | 827.6  | 798.4  | 782.1  | 770.3  | 763.9  | 752.5  | 745.6  | 740.6  |
| 22.5°  | 865.0  | 841.4  | 817.9  | 793.2  | 769.2  | 750.9  | 742.3  | 732.3  | 726.1  | 716.4  | 711.1  |
| 25°    | 826.0  | 800.4  | 772.3  | 745.6  | 728.4  | 714.5  | 700.7  | 691.8  | 683.0  | 678.5  | 668.6  |
| 27.5°  | 780.9  | 754.0  | 727.7  | 707.6  | 686.4  | 672.7  | 660.2  | 652.2  | 641.6  | 634.1  | 628.7  |
| 30°    | 756.0  | 724.4  | 701.7  | 683.4  | 656.3  | 643.5  | 634.1  | 624.2  | 616.3  | 608.4  | 603.0  |
| 32.5°  | 727.2  | 698.3  | 676.8  | 654.2  | 633.4  | 619.4  | 607.3  | 598.6  | 591.8  | 584.4  | 578.9  |
| 35°    | 681.9  | 657.8  | 635.6  | 612.8  | 597.6  | 583.2  | 569.0  | 561.6  | 555.2  | 548.3  | 543.3  |
| 37.5°  | 641.1  | 618.5  | 597.4  | 575.9  | 556.9  | 545.3  | 533.8  | 528.1  | 519.4  | 514.8  | 509.7  |
| 40°    | 615.9  | 593.6  | 570.9  | 550.3  | 530.5  | 521.6  | 511.2  | 502.8  | 494.9  | 491.5  | 486.1  |
| 42.5°  | 588.2  | 566.0  | 546.9  | 524.5  | 508.4  | 496.3  | 486.7  | 477.6  | 471.6  | 466.7  | 463.5  |
| 45°    | 547.2  | 527.5  | 508.8  | 486.5  | 471.3  | 460.9  | 450.1  | 441.7  | 436.2  | 432.8  | 427.3  |
| 47.5°  | 507.5  | 487.8  | 468.7  | 449.3  | 434.5  | 422.7  | 411.9  | 406.0  | 398.8  | 394.5  | 391.0  |
| 50°    | 478.6  | 460.9  | 440.6  | 422.9  | 408.1  | 396.2  | 387.4  | 379.9  | 373.5  | 368.2  | 365.7  |
| 52.5°  | 452.2  | 433.3  | 415.8  | 399.3  | 383.6  | 370.2  | 362.1  | 354.3  | 349.5  | 343.3  | 340.4  |
| 55°    | 408.6  | 390.3  | 375.5  | 359.2  | 343.9  | 332.6  | 322.7  | 315.8  | 310.9  | 304.0  | 300.0  |
| 57.5°  | 367.6  | 351.3  | 333.6  | 319.4  | 303.7  | 294.1  | 285.9  | 276.5  | 270.5  | 265.1  | 261.3  |
| 60°    | 340.0  | 321.2  | 305.9  | 292.7  | 278.8  | 266.5  | 259.1  | 251.7  | 245.2  | 239.8  | 236.4  |
| 62.5°  | 311.2  | 294.8  | 280.3  | 265.8  | 253.2  | 242.4  | 233.8  | 227.6  | 222.0  | 218.5  | 215.1  |
| 65°    | 266.9  | 254.1  | 239.3  | 227.5  | 215.7  | 207.7  | 200.9  | 195.4  | 191.4  | 189.0  | 186.1  |
| 67.5°  | 226.3  | 213.9  | 201.0  | 189.3  | 181.4  | 175.4  | 170.9  | 166.2  | 164.2  | 161.1  | 159.1  |
| 70°    | 199.8  | 187.0  | 175.7  | 166.8  | 158.9  | 154.5  | 151.5  | 148.1  | 146.1  | 142.1  | 140.2  |
| 72.5°  | 171.1  | 161.7  | 153.5  | 146.3  | 140.0  | 135.9  | 132.1  | 127.9  | 124.8  | 120.4  | 118.5  |
| 75°    | 134.7  | 126.3  | 119.9  | 115.0  | 111.0  | 105.6  | 100.2  | 95.8   | 94.3   | 92.7   | 92.3   |
| 77.5°  | 99.8   | 94.4   | 89.8   | 85.7   | 80.8   | 76.8   | 75.6   | 74.6   | 74.3   | 73.5   | 73.5   |
| 80°    | 78.4   | 73.5   | 70.0   | 65.1   | 62.2   | 62.2   | 62.2   | 61.2   | 61.6   | 61.6   | 61.6   |
| 82.5°  | 58.3   | 53.8   | 51.9   | 50.1   | 49.6   | 50.0   | 50.0   | 50.1   | 49.9   | 50.6   | 50.2   |
| 85°    | 30.1   | 30.6   | 31.6   | 31.1   | 31.6   | 31.6   | 32.6   | 32.0   | 32.6   | 31.6   | 32.6   |
| 87.5°  | 13.5   | 15.3   | 16.4   | 17.4   | 18.6   | 18.9   | 19.5   | 19.7   | 20.4   | 20.5   | 20.7   |
| 90°    | 12.1   | 15.2   | 18.8   | 22.2   | 25.8   | 29.3   | 30.4   | 31.5   | 32.6   | 33.6   | 34.5   |
| 92.5°  | 36.9   | 38.9   | 40.9   | 42.9   | 45.0   | 46.9   | 47.8   | 48.6   | 49.6   | 50.4   | 50.7   |
| 95°    | 79.7   | 81.8   | 84.0   | 86.1   | 88.3   | 90.5   | 91.5   | 92.7   | 93.7   | 94.8   | 95.4   |
| 97.5°  | 133.7  | 135.3  | 136.9  | 138.4  | 140.0  | 141.6  | 142.8  | 144.0  | 145.3  | 146.6  | 147.1  |
| 100°   | 172.8  | 174.3  | 175.6  | 177.0  | 178.3  | 179.7  | 180.5  | 181.3  | 182.1  | 182.9  | 183.6  |
| 102.5° | 214.1  | 215.6  | 217.4  | 219.1  | 220.9  | 222.7  | 223.6  | 224.3  | 225.2  | 226.0  | 226.3  |
| 105°   | 277.2  | 278.7  | 281.2  | 283.6  | 286.1  | 288.5  | 288.5  | 288.5  | 288.5  | 288.5  | 288.8  |
| 107.5° | 351.7  | 352.3  | 353.3  | 354.3  | 355.2  | 356.2  | 357.1  | 358.0  | 358.8  | 359.7  | 360.0  |
| 110°   | 399.4  | 400.0  | 400.6  | 401.1  | 401.6  | 402.2  | 403.3  | 404.4  | 405.5  | 406.5  | 406.8  |



TEST NUMBER: P332443-830

CATALOG NUMBER: S123RDIW-S775D1320U830-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 110°   | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   | 150°   | 155°   | 160°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 447.5  | 447.7  | 447.8  | 447.9  | 448.1  | 448.2  | 449.5  | 450.7  | 452.0  | 453.4  | 453.9  |
| 115°   | 522.8  | 522.9  | 522.4  | 521.9  | 521.3  | 520.8  | 521.0  | 521.3  | 521.6  | 521.9  | 521.9  |
| 117.5° | 595.6  | 595.5  | 594.7  | 594.1  | 593.3  | 592.7  | 592.6  | 592.6  | 592.5  | 592.4  | 592.0  |
| 120°   | 645.8  | 646.0  | 644.6  | 643.3  | 642.0  | 640.6  | 640.3  | 640.0  | 639.8  | 639.5  | 639.0  |
| 122.5° | 692.0  | 692.3  | 691.5  | 690.9  | 690.1  | 689.5  | 688.7  | 688.1  | 687.3  | 686.6  | 685.9  |
| 125°   | 763.6  | 763.7  | 763.2  | 762.7  | 762.1  | 761.6  | 760.5  | 759.4  | 758.4  | 757.2  | 756.2  |
| 127.5° | 834.8  | 835.4  | 834.8  | 834.2  | 833.6  | 833.0  | 831.4  | 829.9  | 828.4  | 826.9  | 825.5  |
| 130°   | 881.6  | 882.2  | 881.4  | 880.6  | 879.8  | 878.9  | 877.9  | 876.8  | 875.7  | 874.6  | 873.1  |
| 132.5° | 926.5  | 927.3  | 926.7  | 926.1  | 925.5  | 924.9  | 923.6  | 922.3  | 921.0  | 919.7  | 918.3  |
| 135°   | 993.1  | 993.7  | 993.4  | 993.2  | 992.9  | 992.6  | 991.6  | 990.4  | 989.4  | 988.3  | 987.5  |
| 137.5° | 1055.6 | 1056.6 | 1057.2 | 1058.0 | 1058.7 | 1059.4 | 1058.2 | 1057.1 | 1055.9 | 1054.8 | 1053.8 |
| 140°   | 1099.6 | 1100.3 | 1100.6 | 1100.9 | 1101.2 | 1101.5 | 1101.2 | 1100.9 | 1100.6 | 1100.3 | 1099.3 |
| 142.5° | 1139.6 | 1140.6 | 1141.0 | 1141.5 | 1142.0 | 1142.6 | 1142.3 | 1142.0 | 1141.7 | 1141.4 | 1140.6 |
| 145°   | 1198.9 | 1199.7 | 1200.4 | 1201.3 | 1202.1 | 1202.9 | 1202.6 | 1202.3 | 1202.1 | 1201.8 | 1201.2 |
| 147.5° | 1255.5 | 1256.3 | 1257.1 | 1257.8 | 1258.6 | 1259.3 | 1259.3 | 1259.3 | 1259.3 | 1259.3 | 1258.6 |
| 150°   | 1291.8 | 1292.4 | 1293.0 | 1293.5 | 1294.0 | 1294.6 | 1294.6 | 1294.6 | 1294.6 | 1294.6 | 1293.7 |
| 152.5° | 1324.0 | 1324.6 | 1324.9 | 1325.2 | 1325.6 | 1325.9 | 1326.3 | 1326.7 | 1327.2 | 1327.6 | 1327.1 |
| 155°   | 1370.4 | 1370.6 | 1370.7 | 1371.0 | 1371.3 | 1371.6 | 1372.7 | 1373.8 | 1374.9 | 1375.9 | 1375.5 |
| 157.5° | 1411.1 | 1411.1 | 1411.3 | 1411.5 | 1411.7 | 1411.9 | 1413.1 | 1414.2 | 1415.3 | 1416.5 | 1416.3 |
| 160°   | 1436.6 | 1436.3 | 1436.3 | 1436.3 | 1436.3 | 1436.3 | 1437.8 | 1439.1 | 1440.5 | 1441.8 | 1442.0 |
| 162.5° | 1459.2 | 1459.0 | 1459.2 | 1459.4 | 1459.6 | 1459.8 | 1461.2 | 1462.5 | 1464.0 | 1465.3 | 1465.1 |
| 165°   | 1489.4 | 1488.9 | 1488.9 | 1488.9 | 1488.9 | 1488.9 | 1490.5 | 1492.2 | 1493.8 | 1495.4 | 1495.3 |
| 167.5° | 1512.5 | 1512.0 | 1512.2 | 1512.5 | 1512.7 | 1512.9 | 1514.6 | 1516.3 | 1518.0 | 1519.7 | 1519.7 |
| 170°   | 1526.2 | 1525.6 | 1525.6 | 1525.6 | 1525.6 | 1525.6 | 1527.5 | 1529.5 | 1531.3 | 1533.2 | 1533.2 |
| 172.5° | 1536.9 | 1536.3 | 1536.3 | 1536.3 | 1536.3 | 1536.3 | 1538.0 | 1539.7 | 1541.4 | 1543.1 | 1543.0 |
| 175°   | 1548.1 | 1547.7 | 1547.7 | 1547.7 | 1547.7 | 1547.7 | 1549.3 | 1550.9 | 1552.6 | 1554.2 | 1554.0 |
| 177.5° | 1553.7 | 1553.2 | 1553.2 | 1553.2 | 1553.2 | 1553.2 | 1554.5 | 1555.9 | 1557.2 | 1558.5 | 1558.4 |
| 180°   | 1556.2 | 1556.2 | 1556.2 | 1556.2 | 1556.2 | 1556.2 | 1556.2 | 1556.2 | 1556.2 | 1556.2 | 1556.2 |



TEST NUMBER: P332443-830

CATALOG NUMBER: S123RDIW-S775D1320U830-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   | 200°   | 205°   | 210°   | 215°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1152.7 | 1152.7 | 1152.7 | 1152.7 | 1152.7 | 1152.7 | 1152.7 | 1152.7 | 1152.7 | 1152.7 | 1152.7 |
| 2.5°   | 1098.3 | 1097.9 | 1098.3 | 1096.6 | 1098.3 | 1097.9 | 1098.3 | 1103.0 | 1103.0 | 1103.4 | 1103.8 |
| 5°     | 1022.0 | 1021.4 | 1020.0 | 1015.6 | 1020.0 | 1021.4 | 1022.0 | 1023.4 | 1027.4 | 1034.3 | 1032.4 |
| 7.5°   | 955.4  | 954.7  | 950.4  | 950.5  | 950.4  | 954.7  | 955.4  | 959.2  | 963.7  | 967.9  | 972.9  |
| 10°    | 915.9  | 916.3  | 910.5  | 907.0  | 910.5  | 916.3  | 915.9  | 919.4  | 925.8  | 929.2  | 932.6  |
| 12.5°  | 877.6  | 875.3  | 870.5  | 866.8  | 870.5  | 875.3  | 877.6  | 880.2  | 889.0  | 892.9  | 899.5  |
| 15°    | 827.1  | 822.1  | 810.3  | 811.2  | 810.3  | 822.1  | 827.1  | 825.1  | 834.0  | 838.9  | 840.8  |
| 17.5°  | 767.5  | 763.9  | 763.6  | 756.8  | 763.6  | 763.9  | 767.5  | 771.5  | 779.2  | 784.5  | 798.6  |
| 20°    | 732.8  | 730.4  | 731.3  | 724.4  | 731.3  | 730.4  | 732.8  | 740.6  | 745.6  | 752.5  | 763.9  |
| 22.5°  | 705.6  | 703.1  | 699.0  | 696.8  | 699.0  | 703.1  | 705.6  | 711.1  | 716.4  | 726.1  | 732.3  |
| 25°    | 665.7  | 661.8  | 657.8  | 660.3  | 657.8  | 661.8  | 665.7  | 668.6  | 678.5  | 683.0  | 691.8  |
| 27.5°  | 625.8  | 622.8  | 618.9  | 618.4  | 618.9  | 622.8  | 625.8  | 628.7  | 634.1  | 641.6  | 652.2  |
| 30°    | 600.6  | 597.6  | 595.6  | 593.1  | 595.6  | 597.6  | 600.6  | 603.0  | 608.4  | 616.3  | 624.2  |
| 32.5°  | 574.9  | 574.3  | 570.7  | 570.2  | 570.7  | 574.3  | 574.9  | 578.9  | 584.4  | 591.8  | 598.6  |
| 35°    | 541.3  | 538.4  | 537.3  | 537.9  | 537.3  | 538.4  | 541.3  | 543.3  | 548.3  | 555.2  | 561.6  |
| 37.5°  | 509.4  | 505.5  | 503.7  | 502.0  | 503.7  | 505.5  | 509.4  | 509.7  | 514.8  | 519.4  | 528.1  |
| 40°    | 486.5  | 482.6  | 481.6  | 480.6  | 481.6  | 482.6  | 486.5  | 486.1  | 491.5  | 494.9  | 502.8  |
| 42.5°  | 460.9  | 459.3  | 458.7  | 456.9  | 458.7  | 459.3  | 460.9  | 463.5  | 466.7  | 471.6  | 477.6  |
| 45°    | 425.8  | 425.4  | 422.4  | 423.4  | 422.4  | 425.4  | 425.8  | 427.3  | 432.8  | 436.2  | 441.7  |
| 47.5°  | 389.0  | 386.8  | 384.7  | 386.1  | 384.7  | 386.8  | 389.0  | 391.0  | 394.5  | 398.8  | 406.0  |
| 50°    | 363.7  | 362.7  | 358.3  | 359.2  | 358.3  | 362.7  | 363.7  | 365.7  | 368.2  | 373.5  | 379.9  |
| 52.5°  | 338.5  | 334.7  | 333.0  | 332.4  | 333.0  | 334.7  | 338.5  | 340.4  | 343.3  | 349.5  | 354.3  |
| 55°    | 296.6  | 292.1  | 290.1  | 289.2  | 290.1  | 292.1  | 296.6  | 300.0  | 304.0  | 310.9  | 315.8  |
| 57.5°  | 255.5  | 254.3  | 252.8  | 253.8  | 252.8  | 254.3  | 255.5  | 261.3  | 265.1  | 270.5  | 276.5  |
| 60°    | 231.4  | 231.4  | 231.4  | 230.9  | 231.4  | 231.4  | 231.4  | 236.4  | 239.8  | 245.2  | 251.7  |
| 62.5°  | 212.9  | 211.7  | 211.3  | 212.0  | 211.3  | 211.7  | 212.9  | 215.1  | 218.5  | 222.0  | 227.6  |
| 65°    | 184.5  | 184.1  | 182.1  | 181.6  | 182.1  | 184.1  | 184.5  | 186.1  | 189.0  | 191.4  | 195.4  |
| 67.5°  | 157.8  | 156.0  | 155.4  | 154.8  | 155.4  | 156.0  | 157.8  | 159.1  | 161.1  | 164.2  | 166.2  |
| 70°    | 137.7  | 136.7  | 133.7  | 134.2  | 133.7  | 136.7  | 137.7  | 140.2  | 142.1  | 146.1  | 148.1  |
| 72.5°  | 115.9  | 115.0  | 114.4  | 113.7  | 114.4  | 115.0  | 115.9  | 118.5  | 120.4  | 124.8  | 127.9  |
| 75°    | 91.8   | 91.3   | 90.8   | 92.7   | 90.8   | 91.3   | 91.8   | 92.3   | 92.7   | 94.3   | 95.8   |
| 77.5°  | 73.5   | 73.5   | 73.8   | 73.0   | 73.8   | 73.5   | 73.5   | 73.5   | 73.5   | 74.3   | 74.6   |
| 80°    | 61.6   | 61.6   | 61.2   | 61.2   | 61.2   | 61.6   | 61.6   | 61.6   | 61.6   | 61.6   | 61.2   |
| 82.5°  | 49.5   | 49.9   | 50.1   | 49.4   | 50.1   | 49.9   | 49.5   | 50.2   | 50.6   | 49.9   | 50.1   |
| 85°    | 32.6   | 32.0   | 33.1   | 32.6   | 33.1   | 32.0   | 32.6   | 32.6   | 31.6   | 32.6   | 32.0   |
| 87.5°  | 21.6   | 20.9   | 21.0   | 21.6   | 21.0   | 20.9   | 21.6   | 20.7   | 20.5   | 20.4   | 19.7   |
| 90°    | 35.1   | 35.6   | 36.1   | 36.7   | 36.1   | 35.6   | 35.1   | 34.5   | 33.6   | 32.6   | 31.5   |
| 92.5°  | 50.3   | 50.0   | 49.7   | 49.4   | 49.7   | 50.0   | 50.3   | 50.7   | 50.4   | 49.6   | 48.6   |
| 95°    | 95.4   | 95.4   | 95.4   | 95.4   | 95.4   | 95.4   | 95.4   | 95.4   | 94.8   | 93.7   | 92.7   |
| 97.5°  | 147.0  | 146.9  | 146.8  | 146.7  | 146.8  | 146.9  | 147.0  | 147.1  | 146.6  | 145.3  | 144.0  |
| 100°   | 184.2  | 184.7  | 185.3  | 185.8  | 185.3  | 184.7  | 184.2  | 183.6  | 182.9  | 182.1  | 181.3  |
| 102.5° | 226.2  | 226.1  | 226.0  | 225.9  | 226.0  | 226.1  | 226.2  | 226.3  | 226.0  | 225.2  | 224.3  |
| 105°   | 289.4  | 289.8  | 290.4  | 291.0  | 290.4  | 289.8  | 289.4  | 288.8  | 288.5  | 288.5  | 288.5  |
| 107.5° | 359.7  | 359.3  | 359.0  | 358.6  | 359.0  | 359.3  | 359.7  | 360.0  | 359.7  | 358.8  | 358.0  |
| 110°   | 406.2  | 405.8  | 405.2  | 404.6  | 405.2  | 405.8  | 406.2  | 406.8  | 406.5  | 405.5  | 404.4  |



TEST NUMBER: P332443-830

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**CANDELA DISTRIBUTION (continued):**

|        | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   | 200°   | 205°   | 210°   | 215°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 453.8  | 453.7  | 453.6  | 453.6  | 453.6  | 453.7  | 453.8  | 453.9  | 453.4  | 452.0  | 450.7  |
| 115°   | 521.6  | 521.3  | 521.0  | 520.8  | 521.0  | 521.3  | 521.6  | 521.9  | 521.9  | 521.6  | 521.3  |
| 117.5° | 591.3  | 590.5  | 589.7  | 589.0  | 589.7  | 590.5  | 591.3  | 592.0  | 592.4  | 592.5  | 592.6  |
| 120°   | 638.6  | 638.0  | 637.4  | 636.9  | 637.4  | 638.0  | 638.6  | 639.0  | 639.5  | 639.8  | 640.0  |
| 122.5° | 685.1  | 684.4  | 683.6  | 682.9  | 683.6  | 684.4  | 685.1  | 685.9  | 686.6  | 687.3  | 688.1  |
| 125°   | 755.1  | 753.9  | 752.9  | 751.8  | 752.9  | 753.9  | 755.1  | 756.2  | 757.2  | 758.4  | 759.4  |
| 127.5° | 824.3  | 823.0  | 821.8  | 820.5  | 821.8  | 823.0  | 824.3  | 825.5  | 826.9  | 828.4  | 829.9  |
| 130°   | 871.2  | 869.3  | 867.4  | 865.5  | 867.4  | 869.3  | 871.2  | 873.1  | 874.6  | 875.7  | 876.8  |
| 132.5° | 916.8  | 915.4  | 913.9  | 912.5  | 913.9  | 915.4  | 916.8  | 918.3  | 919.7  | 921.0  | 922.3  |
| 135°   | 986.9  | 986.4  | 985.8  | 985.3  | 985.8  | 986.4  | 986.9  | 987.5  | 988.3  | 989.4  | 990.4  |
| 137.5° | 1052.7 | 1051.7 | 1050.7 | 1049.6 | 1050.7 | 1051.7 | 1052.7 | 1053.8 | 1054.8 | 1055.9 | 1057.1 |
| 140°   | 1097.4 | 1095.4 | 1093.5 | 1091.7 | 1093.5 | 1095.4 | 1097.4 | 1099.3 | 1100.3 | 1100.6 | 1100.9 |
| 142.5° | 1139.1 | 1137.6 | 1136.1 | 1134.7 | 1136.1 | 1137.6 | 1139.1 | 1140.6 | 1141.4 | 1141.7 | 1142.0 |
| 145°   | 1200.0 | 1198.9 | 1197.9 | 1196.7 | 1197.9 | 1198.9 | 1200.0 | 1201.2 | 1201.8 | 1202.1 | 1202.3 |
| 147.5° | 1257.0 | 1255.3 | 1253.7 | 1252.1 | 1253.7 | 1255.3 | 1257.0 | 1258.6 | 1259.3 | 1259.3 | 1259.3 |
| 150°   | 1292.1 | 1290.5 | 1288.8 | 1287.2 | 1288.8 | 1290.5 | 1292.1 | 1293.7 | 1294.6 | 1294.6 | 1294.6 |
| 152.5° | 1325.7 | 1324.3 | 1322.9 | 1321.4 | 1322.9 | 1324.3 | 1325.7 | 1327.1 | 1327.6 | 1327.2 | 1326.7 |
| 155°   | 1373.7 | 1371.8 | 1369.8 | 1367.9 | 1369.8 | 1371.8 | 1373.7 | 1375.5 | 1375.9 | 1374.9 | 1373.8 |
| 157.5° | 1414.8 | 1413.2 | 1411.7 | 1410.2 | 1411.7 | 1413.2 | 1414.8 | 1416.3 | 1416.5 | 1415.3 | 1414.2 |
| 160°   | 1440.9 | 1439.8 | 1438.7 | 1437.6 | 1438.7 | 1439.8 | 1440.9 | 1442.0 | 1441.8 | 1440.5 | 1439.1 |
| 162.5° | 1463.4 | 1461.6 | 1459.9 | 1458.1 | 1459.9 | 1461.6 | 1463.4 | 1465.1 | 1465.3 | 1464.0 | 1462.5 |
| 165°   | 1493.5 | 1491.6 | 1489.6 | 1487.7 | 1489.6 | 1491.6 | 1493.5 | 1495.3 | 1495.4 | 1493.8 | 1492.2 |
| 167.5° | 1518.0 | 1516.3 | 1514.6 | 1512.9 | 1514.6 | 1516.3 | 1518.0 | 1519.7 | 1519.7 | 1518.0 | 1516.3 |
| 170°   | 1531.3 | 1529.5 | 1527.5 | 1525.6 | 1527.5 | 1529.5 | 1531.3 | 1533.2 | 1533.2 | 1531.3 | 1529.5 |
| 172.5° | 1541.2 | 1539.2 | 1537.3 | 1535.4 | 1537.3 | 1539.2 | 1541.2 | 1543.0 | 1543.1 | 1541.4 | 1539.7 |
| 175°   | 1552.1 | 1550.2 | 1548.3 | 1546.4 | 1548.3 | 1550.2 | 1552.1 | 1554.0 | 1554.2 | 1552.6 | 1550.9 |
| 177.5° | 1556.8 | 1555.3 | 1553.8 | 1552.3 | 1553.8 | 1555.3 | 1556.8 | 1558.4 | 1558.5 | 1557.2 | 1555.9 |
| 180°   | 1556.2 | 1556.2 | 1556.2 | 1556.2 | 1556.2 | 1556.2 | 1556.2 | 1556.2 | 1556.2 | 1556.2 | 1556.2 |



TEST NUMBER: P332443-830

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**CANDELA DISTRIBUTION (continued):**

|        | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   | 250°   | 255°   | 260°   | 265°   | 270°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1152.7 | 1152.7 | 1152.7 | 1152.7 | 1152.7 | 1152.7 | 1152.7 | 1152.7 | 1152.7 | 1152.7 | 1152.7 |
| 2.5°   | 1100.2 | 1105.8 | 1111.3 | 1116.4 | 1124.4 | 1127.8 | 1133.0 | 1135.0 | 1140.9 | 1149.6 | 1156.7 |
| 5°     | 1033.3 | 1041.2 | 1051.6 | 1060.0 | 1073.3 | 1083.6 | 1095.0 | 1105.9 | 1118.7 | 1137.0 | 1153.2 |
| 7.5°   | 976.6  | 984.4  | 996.8  | 1012.4 | 1027.1 | 1041.8 | 1057.3 | 1072.1 | 1090.4 | 1116.6 | 1142.6 |
| 10°    | 939.1  | 948.5  | 963.3  | 980.1  | 998.2  | 1012.6 | 1030.9 | 1049.6 | 1072.3 | 1102.4 | 1133.5 |
| 12.5°  | 906.7  | 913.7  | 930.9  | 946.9  | 967.5  | 985.7  | 1003.6 | 1025.5 | 1051.4 | 1083.5 | 1120.9 |
| 15°    | 855.2  | 865.1  | 881.8  | 899.6  | 921.3  | 940.6  | 963.7  | 990.4  | 1015.6 | 1055.1 | 1100.4 |
| 17.5°  | 803.4  | 818.5  | 835.9  | 856.0  | 872.0  | 898.6  | 923.8  | 951.1  | 982.1  | 1024.0 | 1073.7 |
| 20°    | 770.3  | 782.1  | 798.4  | 827.6  | 848.8  | 869.0  | 892.2  | 926.2  | 954.9  | 1002.2 | 1054.0 |
| 22.5°  | 742.3  | 750.9  | 769.2  | 793.2  | 817.9  | 841.4  | 865.0  | 897.4  | 932.7  | 977.8  | 1033.9 |
| 25°    | 700.7  | 714.5  | 728.4  | 745.6  | 772.3  | 800.4  | 826.0  | 853.7  | 891.2  | 939.1  | 999.8  |
| 27.5°  | 660.2  | 672.7  | 686.4  | 707.6  | 727.7  | 754.0  | 780.9  | 812.6  | 852.8  | 903.4  | 965.1  |
| 30°    | 634.1  | 643.5  | 656.3  | 683.4  | 701.7  | 724.4  | 756.0  | 784.1  | 821.6  | 875.4  | 940.6  |
| 32.5°  | 607.3  | 619.4  | 633.4  | 654.2  | 676.8  | 698.3  | 727.2  | 757.7  | 796.0  | 848.9  | 915.7  |
| 35°    | 569.0  | 583.2  | 597.6  | 612.8  | 635.6  | 657.8  | 681.9  | 715.5  | 754.5  | 805.9  | 871.5  |
| 37.5°  | 533.8  | 545.3  | 556.9  | 575.9  | 597.4  | 618.5  | 641.1  | 674.2  | 710.9  | 766.3  | 826.4  |
| 40°    | 511.2  | 521.6  | 530.5  | 550.3  | 570.9  | 593.6  | 615.9  | 645.0  | 684.5  | 736.2  | 794.5  |
| 42.5°  | 486.7  | 496.3  | 508.4  | 524.5  | 546.9  | 566.0  | 588.2  | 615.8  | 652.9  | 705.5  | 756.6  |
| 45°    | 450.1  | 460.9  | 471.3  | 486.5  | 508.8  | 527.5  | 547.2  | 573.4  | 611.4  | 654.9  | 700.2  |
| 47.5°  | 411.9  | 422.7  | 434.5  | 449.3  | 468.7  | 487.8  | 507.5  | 530.7  | 565.3  | 607.9  | 638.6  |
| 50°    | 387.4  | 396.2  | 408.1  | 422.9  | 440.6  | 460.9  | 478.6  | 503.8  | 536.9  | 570.4  | 597.1  |
| 52.5°  | 362.1  | 370.2  | 383.6  | 399.3  | 415.8  | 433.3  | 452.2  | 473.8  | 503.7  | 535.3  | 556.5  |
| 55°    | 322.7  | 332.6  | 343.9  | 359.2  | 375.5  | 390.3  | 408.6  | 430.8  | 454.5  | 478.2  | 492.5  |
| 57.5°  | 285.9  | 294.1  | 303.7  | 319.4  | 333.6  | 351.3  | 367.6  | 384.9  | 406.8  | 424.7  | 434.0  |
| 60°    | 259.1  | 266.5  | 278.8  | 292.7  | 305.9  | 321.2  | 340.0  | 357.3  | 374.1  | 388.3  | 395.8  |
| 62.5°  | 233.8  | 242.4  | 253.2  | 265.8  | 280.3  | 294.8  | 311.2  | 325.6  | 340.4  | 352.8  | 357.9  |
| 65°    | 200.9  | 207.7  | 215.7  | 227.5  | 239.3  | 254.1  | 266.9  | 281.7  | 292.7  | 299.5  | 304.0  |
| 67.5°  | 170.9  | 175.4  | 181.4  | 189.3  | 201.0  | 213.9  | 226.3  | 237.9  | 246.9  | 251.7  | 255.6  |
| 70°    | 151.5  | 154.5  | 158.9  | 166.8  | 175.7  | 187.0  | 199.8  | 208.2  | 216.1  | 220.1  | 224.0  |
| 72.5°  | 132.1  | 135.9  | 140.0  | 146.3  | 153.5  | 161.7  | 171.1  | 181.4  | 185.8  | 190.5  | 192.8  |
| 75°    | 100.2  | 105.6  | 111.0  | 115.0  | 119.9  | 126.3  | 134.7  | 141.1  | 143.6  | 147.5  | 148.1  |
| 77.5°  | 75.6   | 76.8   | 80.8   | 85.7   | 89.8   | 94.4   | 99.8   | 105.5  | 106.7  | 108.8  | 110.1  |
| 80°    | 62.2   | 62.2   | 62.2   | 65.1   | 70.0   | 73.5   | 78.4   | 81.4   | 83.4   | 83.9   | 84.4   |
| 82.5°  | 50.0   | 50.0   | 49.6   | 50.1   | 51.9   | 53.8   | 58.3   | 61.6   | 63.2   | 63.0   | 61.9   |
| 85°    | 32.6   | 31.6   | 31.6   | 31.1   | 31.6   | 30.6   | 30.1   | 32.0   | 35.1   | 35.1   | 34.0   |
| 87.5°  | 19.5   | 18.9   | 18.6   | 17.4   | 16.4   | 15.3   | 13.5   | 13.3   | 12.8   | 13.9   | 12.9   |
| 90°    | 30.4   | 29.3   | 25.8   | 22.2   | 18.8   | 15.2   | 12.1   | 9.3    | 6.7    | 4.0    | 1.2    |
| 92.5°  | 47.8   | 46.9   | 45.0   | 42.9   | 40.9   | 38.9   | 36.9   | 35.2   | 33.3   | 31.4   | 29.6   |
| 95°    | 91.5   | 90.5   | 88.3   | 86.1   | 84.0   | 81.8   | 79.7   | 77.9   | 76.0   | 74.0   | 72.1   |
| 97.5°  | 142.8  | 141.6  | 140.0  | 138.4  | 136.9  | 135.3  | 133.7  | 132.3  | 130.9  | 129.5  | 128.1  |
| 100°   | 180.5  | 179.7  | 178.3  | 177.0  | 175.6  | 174.3  | 172.8  | 171.2  | 169.5  | 167.9  | 166.3  |
| 102.5° | 223.6  | 222.7  | 220.9  | 219.1  | 217.4  | 215.6  | 214.1  | 213.2  | 212.3  | 211.2  | 210.3  |
| 105°   | 288.5  | 288.5  | 286.1  | 283.6  | 281.2  | 278.7  | 277.2  | 276.6  | 276.2  | 275.6  | 275.0  |
| 107.5° | 357.1  | 356.2  | 355.2  | 354.3  | 353.3  | 352.3  | 351.7  | 351.4  | 351.0  | 350.7  | 350.3  |
| 110°   | 403.3  | 402.2  | 401.6  | 401.1  | 400.6  | 400.0  | 399.4  | 398.9  | 398.4  | 397.8  | 397.3  |



TEST NUMBER: P332443-830

CATALOG NUMBER: S123RDIW-S775D1320U830-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   | 250°   | 255°   | 260°   | 265°   | 270°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 449.5  | 448.2  | 448.1  | 447.9  | 447.8  | 447.7  | 447.5  | 447.1  | 446.9  | 446.5  | 446.2  |
| 115°   | 521.0  | 520.8  | 521.3  | 521.9  | 522.4  | 522.9  | 522.8  | 522.0  | 521.1  | 520.4  | 519.5  |
| 117.5° | 592.6  | 592.7  | 593.3  | 594.1  | 594.7  | 595.5  | 595.6  | 595.0  | 594.5  | 593.9  | 593.4  |
| 120°   | 640.3  | 640.6  | 642.0  | 643.3  | 644.6  | 646.0  | 645.8  | 644.2  | 642.6  | 640.9  | 639.3  |
| 122.5° | 688.7  | 689.5  | 690.1  | 690.9  | 691.5  | 692.3  | 692.0  | 690.9  | 689.7  | 688.4  | 687.3  |
| 125°   | 760.5  | 761.6  | 762.1  | 762.7  | 763.2  | 763.7  | 763.6  | 762.8  | 762.0  | 761.2  | 760.3  |
| 127.5° | 831.4  | 833.0  | 833.6  | 834.2  | 834.8  | 835.4  | 834.8  | 833.0  | 831.3  | 829.6  | 827.8  |
| 130°   | 877.9  | 878.9  | 879.8  | 880.6  | 881.4  | 882.2  | 881.6  | 879.4  | 877.2  | 875.0  | 872.8  |
| 132.5° | 923.6  | 924.9  | 925.5  | 926.1  | 926.7  | 927.3  | 926.5  | 924.4  | 922.2  | 920.0  | 917.8  |
| 135°   | 991.6  | 992.6  | 992.9  | 993.2  | 993.4  | 993.7  | 993.1  | 991.4  | 989.8  | 988.2  | 986.6  |
| 137.5° | 1058.2 | 1059.4 | 1058.7 | 1058.0 | 1057.2 | 1056.6 | 1055.6 | 1054.1 | 1052.8 | 1051.4 | 1050.1 |
| 140°   | 1101.2 | 1101.5 | 1101.2 | 1100.9 | 1100.6 | 1100.3 | 1099.6 | 1098.2 | 1096.8 | 1095.4 | 1094.1 |
| 142.5° | 1142.3 | 1142.6 | 1142.0 | 1141.5 | 1141.0 | 1140.6 | 1139.6 | 1138.3 | 1136.9 | 1135.6 | 1134.2 |
| 145°   | 1202.6 | 1202.9 | 1202.1 | 1201.3 | 1200.4 | 1199.7 | 1198.9 | 1198.4 | 1197.9 | 1197.3 | 1196.7 |
| 147.5° | 1259.3 | 1259.3 | 1258.6 | 1257.8 | 1257.1 | 1256.3 | 1255.5 | 1254.5 | 1253.5 | 1252.5 | 1251.5 |
| 150°   | 1294.6 | 1294.6 | 1294.0 | 1293.5 | 1293.0 | 1292.4 | 1291.8 | 1291.3 | 1290.8 | 1290.2 | 1289.7 |
| 152.5° | 1326.3 | 1325.9 | 1325.6 | 1325.2 | 1324.9 | 1324.6 | 1324.0 | 1323.2 | 1322.5 | 1321.7 | 1321.0 |
| 155°   | 1372.7 | 1371.6 | 1371.3 | 1371.0 | 1370.7 | 1370.6 | 1370.4 | 1370.4 | 1370.4 | 1370.4 | 1370.4 |
| 157.5° | 1413.1 | 1411.9 | 1411.7 | 1411.5 | 1411.3 | 1411.1 | 1411.1 | 1411.5 | 1411.7 | 1412.1 | 1412.4 |
| 160°   | 1437.8 | 1436.3 | 1436.3 | 1436.3 | 1436.3 | 1436.3 | 1436.6 | 1437.2 | 1437.8 | 1438.3 | 1438.8 |
| 162.5° | 1461.2 | 1459.8 | 1459.6 | 1459.4 | 1459.2 | 1459.0 | 1459.2 | 1460.0 | 1460.8 | 1461.5 | 1462.3 |
| 165°   | 1490.5 | 1488.9 | 1488.9 | 1488.9 | 1488.9 | 1488.9 | 1489.4 | 1490.2 | 1491.0 | 1491.8 | 1492.6 |
| 167.5° | 1514.6 | 1512.9 | 1512.7 | 1512.5 | 1512.2 | 1512.0 | 1512.5 | 1513.5 | 1514.7 | 1515.7 | 1516.8 |
| 170°   | 1527.5 | 1525.6 | 1525.6 | 1525.6 | 1525.6 | 1525.6 | 1526.2 | 1527.3 | 1528.3 | 1529.5 | 1530.5 |
| 172.5° | 1538.0 | 1536.3 | 1536.3 | 1536.3 | 1536.3 | 1536.3 | 1536.9 | 1538.0 | 1539.1 | 1540.2 | 1541.2 |
| 175°   | 1549.3 | 1547.7 | 1547.7 | 1547.7 | 1547.7 | 1547.7 | 1548.1 | 1549.3 | 1550.4 | 1551.4 | 1552.6 |
| 177.5° | 1554.5 | 1553.2 | 1553.2 | 1553.2 | 1553.2 | 1553.2 | 1553.7 | 1554.5 | 1555.4 | 1556.3 | 1557.2 |
| 180°   | 1556.2 | 1556.2 | 1556.2 | 1556.2 | 1556.2 | 1556.2 | 1556.2 | 1556.2 | 1556.2 | 1556.2 | 1556.2 |



TEST NUMBER: P332443-830

CATALOG NUMBER: S123RDIW-S775D1320U830-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 275°   | 280°   | 285°   | 290°   | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1152.7 | 1152.7 | 1152.7 | 1152.7 | 1152.7 | 1152.7 | 1152.7 | 1152.7 | 1152.7 | 1152.7 | 1152.7 |
| 2.5°   | 1159.0 | 1163.4 | 1168.9 | 1177.2 | 1183.6 | 1189.0 | 1190.2 | 1191.8 | 1195.8 | 1202.5 | 1207.6 |
| 5°     | 1166.6 | 1177.9 | 1196.2 | 1213.9 | 1233.2 | 1249.0 | 1263.8 | 1274.1 | 1284.0 | 1304.8 | 1321.5 |
| 7.5°   | 1164.2 | 1189.5 | 1218.0 | 1250.0 | 1282.2 | 1313.5 | 1342.6 | 1368.5 | 1394.3 | 1424.6 | 1459.0 |
| 10°    | 1162.6 | 1192.2 | 1230.7 | 1271.7 | 1316.5 | 1360.5 | 1403.0 | 1436.0 | 1474.5 | 1509.0 | 1552.9 |
| 12.5°  | 1155.1 | 1197.8 | 1243.8 | 1296.2 | 1351.3 | 1401.9 | 1457.8 | 1503.5 | 1547.6 | 1597.4 | 1648.5 |
| 15°    | 1145.4 | 1197.1 | 1255.4 | 1324.9 | 1408.8 | 1470.1 | 1527.3 | 1606.8 | 1661.0 | 1715.3 | 1788.3 |
| 17.5°  | 1127.5 | 1190.7 | 1263.5 | 1353.9 | 1423.9 | 1506.1 | 1592.2 | 1655.0 | 1728.2 | 1804.6 | 1870.8 |
| 20°    | 1113.2 | 1186.8 | 1268.2 | 1357.1 | 1446.3 | 1535.7 | 1619.1 | 1694.0 | 1769.6 | 1857.9 | 1912.2 |
| 22.5°  | 1099.1 | 1171.8 | 1256.4 | 1350.8 | 1446.7 | 1540.8 | 1635.2 | 1723.3 | 1808.3 | 1897.4 | 1966.7 |
| 25°    | 1068.8 | 1155.2 | 1247.0 | 1343.2 | 1437.9 | 1541.6 | 1654.1 | 1752.3 | 1857.4 | 1949.2 | 2014.9 |
| 27.5°  | 1038.2 | 1117.4 | 1208.8 | 1306.4 | 1411.7 | 1534.2 | 1666.5 | 1778.2 | 1883.5 | 1949.2 | 1969.8 |
| 30°    | 1010.6 | 1094.5 | 1178.4 | 1277.6 | 1391.6 | 1528.2 | 1668.9 | 1796.7 | 1883.1 | 1911.7 | 1890.5 |
| 32.5°  | 982.6  | 1058.6 | 1141.7 | 1243.2 | 1364.3 | 1513.6 | 1672.1 | 1785.6 | 1837.7 | 1815.8 | 1729.4 |
| 35°    | 933.1  | 1001.7 | 1082.1 | 1183.8 | 1323.0 | 1505.6 | 1659.1 | 1736.0 | 1723.2 | 1599.8 | 1437.0 |
| 37.5°  | 880.2  | 936.1  | 1010.6 | 1116.9 | 1280.2 | 1473.5 | 1603.0 | 1614.3 | 1503.3 | 1313.9 | 1125.8 |
| 40°    | 838.4  | 888.7  | 965.3  | 1076.3 | 1247.0 | 1441.9 | 1546.5 | 1500.6 | 1328.4 | 1117.7 | 960.8  |
| 42.5°  | 797.8  | 840.2  | 913.9  | 1033.6 | 1215.4 | 1398.9 | 1462.4 | 1362.4 | 1163.8 | 964.5  | 821.8  |
| 45°    | 728.9  | 768.8  | 842.8  | 965.7  | 1150.8 | 1316.5 | 1308.2 | 1134.4 | 935.7  | 775.2  | 656.8  |
| 47.5°  | 663.5  | 698.4  | 767.9  | 893.3  | 1074.9 | 1193.2 | 1114.7 | 929.9  | 761.2  | 632.5  | 548.1  |
| 50°    | 617.4  | 651.9  | 721.0  | 844.8  | 1014.1 | 1100.4 | 988.4  | 810.3  | 655.8  | 549.2  | 482.1  |
| 52.5°  | 573.2  | 606.9  | 670.1  | 790.7  | 940.7  | 992.3  | 871.9  | 706.8  | 578.1  | 486.1  | 428.4  |
| 55°    | 511.2  | 536.9  | 593.6  | 709.1  | 821.1  | 833.0  | 711.1  | 572.9  | 466.8  | 402.7  | 363.2  |
| 57.5°  | 448.2  | 470.2  | 526.3  | 618.3  | 696.9  | 690.8  | 575.2  | 455.6  | 384.2  | 336.6  | 307.9  |
| 60°    | 407.1  | 428.9  | 478.2  | 557.1  | 616.3  | 595.6  | 489.6  | 393.3  | 332.1  | 297.1  | 274.4  |
| 62.5°  | 368.8  | 385.8  | 432.0  | 489.7  | 532.3  | 508.8  | 418.5  | 338.8  | 290.3  | 260.7  | 242.8  |
| 65°    | 313.4  | 327.2  | 364.2  | 394.3  | 417.9  | 395.3  | 320.3  | 264.9  | 230.0  | 209.2  | 196.9  |
| 67.5°  | 260.6  | 269.5  | 292.8  | 303.7  | 320.4  | 295.5  | 240.8  | 203.8  | 183.9  | 166.4  | 157.8  |
| 70°    | 227.5  | 233.9  | 246.3  | 255.1  | 259.6  | 233.9  | 193.4  | 166.3  | 149.5  | 137.1  | 131.8  |
| 72.5°  | 194.4  | 199.9  | 202.5  | 209.7  | 207.5  | 183.4  | 155.5  | 133.9  | 121.9  | 113.5  | 106.5  |
| 75°    | 148.5  | 151.0  | 148.5  | 145.5  | 139.1  | 122.3  | 103.1  | 92.3   | 83.4   | 79.5   | 77.0   |
| 77.5°  | 108.3  | 107.4  | 104.2  | 99.4   | 88.5   | 77.9   | 67.6   | 64.0   | 60.1   | 58.1   | 57.1   |
| 80°    | 83.4   | 81.4   | 78.4   | 71.1   | 61.6   | 54.3   | 51.8   | 49.4   | 47.9   | 45.4   | 44.9   |
| 82.5°  | 62.1   | 60.9   | 56.0   | 49.8   | 43.2   | 39.7   | 37.6   | 36.8   | 35.3   | 33.9   | 33.8   |
| 85°    | 33.1   | 31.6   | 26.1   | 22.7   | 21.7   | 20.7   | 20.3   | 20.3   | 18.3   | 17.7   | 17.7   |
| 87.5°  | 11.4   | 9.6    | 9.8    | 9.1    | 9.7    | 9.7    | 10.7   | 10.7   | 11.0   | 11.6   | 11.0   |
| 90°    | 4.0    | 6.7    | 9.3    | 12.1   | 15.2   | 18.8   | 22.2   | 25.8   | 29.3   | 30.4   | 31.5   |
| 92.5°  | 31.4   | 33.3   | 35.2   | 36.9   | 38.9   | 40.9   | 42.9   | 45.0   | 46.9   | 47.8   | 48.6   |
| 95°    | 74.0   | 76.0   | 77.9   | 79.7   | 81.8   | 84.0   | 86.1   | 88.3   | 90.5   | 91.5   | 92.7   |
| 97.5°  | 129.5  | 130.9  | 132.3  | 133.7  | 135.3  | 136.9  | 138.4  | 140.0  | 141.6  | 142.8  | 144.0  |
| 100°   | 167.9  | 169.5  | 171.2  | 172.8  | 174.3  | 175.6  | 177.0  | 178.3  | 179.7  | 180.5  | 181.3  |
| 102.5° | 211.2  | 212.3  | 213.2  | 214.1  | 215.6  | 217.4  | 219.1  | 220.9  | 222.7  | 223.6  | 224.3  |
| 105°   | 275.6  | 276.2  | 276.6  | 277.2  | 278.7  | 281.2  | 283.6  | 286.1  | 288.5  | 288.5  | 288.5  |
| 107.5° | 350.7  | 351.0  | 351.4  | 351.7  | 352.3  | 353.3  | 354.3  | 355.2  | 356.2  | 357.1  | 358.0  |
| 110°   | 397.8  | 398.4  | 398.9  | 399.4  | 400.0  | 400.6  | 401.1  | 401.6  | 402.2  | 403.3  | 404.4  |





TEST NUMBER: P332443-830

CATALOG NUMBER: S123RDIW-S775D1320U830-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 275°   | 280°   | 285°   | 290°   | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 446.5  | 446.9  | 447.1  | 447.5  | 447.7  | 447.8  | 447.9  | 448.1  | 448.2  | 449.5  | 450.7  |
| 115°   | 520.4  | 521.1  | 522.0  | 522.8  | 522.9  | 522.4  | 521.9  | 521.3  | 520.8  | 521.0  | 521.3  |
| 117.5° | 593.9  | 594.5  | 595.0  | 595.6  | 595.5  | 594.7  | 594.1  | 593.3  | 592.7  | 592.6  | 592.6  |
| 120°   | 640.9  | 642.6  | 644.2  | 645.8  | 646.0  | 644.6  | 643.3  | 642.0  | 640.6  | 640.3  | 640.0  |
| 122.5° | 688.4  | 689.7  | 690.9  | 692.0  | 692.3  | 691.5  | 690.9  | 690.1  | 689.5  | 688.7  | 688.1  |
| 125°   | 761.2  | 762.0  | 762.8  | 763.6  | 763.7  | 763.2  | 762.7  | 762.1  | 761.6  | 760.5  | 759.4  |
| 127.5° | 829.6  | 831.3  | 833.0  | 834.8  | 835.4  | 834.8  | 834.2  | 833.6  | 833.0  | 831.4  | 829.9  |
| 130°   | 875.0  | 877.2  | 879.4  | 881.6  | 882.2  | 881.4  | 880.6  | 879.8  | 878.9  | 877.9  | 876.8  |
| 132.5° | 920.0  | 922.2  | 924.4  | 926.5  | 927.3  | 926.7  | 926.1  | 925.5  | 924.9  | 923.6  | 922.3  |
| 135°   | 988.2  | 989.8  | 991.4  | 993.1  | 993.7  | 993.4  | 993.2  | 992.9  | 992.6  | 991.6  | 990.4  |
| 137.5° | 1051.4 | 1052.8 | 1054.1 | 1055.6 | 1056.6 | 1057.2 | 1058.0 | 1058.7 | 1059.4 | 1058.2 | 1057.1 |
| 140°   | 1095.4 | 1096.8 | 1098.2 | 1099.6 | 1100.3 | 1100.6 | 1100.9 | 1101.2 | 1101.5 | 1101.2 | 1100.9 |
| 142.5° | 1135.6 | 1136.9 | 1138.3 | 1139.6 | 1140.6 | 1141.0 | 1141.5 | 1142.0 | 1142.6 | 1142.3 | 1142.0 |
| 145°   | 1197.3 | 1197.9 | 1198.4 | 1198.9 | 1199.7 | 1200.4 | 1201.3 | 1202.1 | 1202.9 | 1202.6 | 1202.3 |
| 147.5° | 1252.5 | 1253.5 | 1254.5 | 1255.5 | 1256.3 | 1257.1 | 1257.8 | 1258.6 | 1259.3 | 1259.3 | 1259.3 |
| 150°   | 1290.2 | 1290.8 | 1291.3 | 1291.8 | 1292.4 | 1293.0 | 1293.5 | 1294.0 | 1294.6 | 1294.6 | 1294.6 |
| 152.5° | 1321.7 | 1322.5 | 1323.2 | 1324.0 | 1324.6 | 1324.9 | 1325.2 | 1325.6 | 1325.9 | 1326.3 | 1326.7 |
| 155°   | 1370.4 | 1370.4 | 1370.4 | 1370.4 | 1370.6 | 1370.7 | 1371.0 | 1371.3 | 1371.6 | 1372.7 | 1373.8 |
| 157.5° | 1412.1 | 1411.7 | 1411.5 | 1411.1 | 1411.1 | 1411.3 | 1411.5 | 1411.7 | 1411.9 | 1413.1 | 1414.2 |
| 160°   | 1438.3 | 1437.8 | 1437.2 | 1436.6 | 1436.3 | 1436.3 | 1436.3 | 1436.3 | 1436.3 | 1437.8 | 1439.1 |
| 162.5° | 1461.5 | 1460.8 | 1460.0 | 1459.2 | 1459.0 | 1459.2 | 1459.4 | 1459.6 | 1459.8 | 1461.2 | 1462.5 |
| 165°   | 1491.8 | 1491.0 | 1490.2 | 1489.4 | 1488.9 | 1488.9 | 1488.9 | 1488.9 | 1488.9 | 1490.5 | 1492.2 |
| 167.5° | 1515.7 | 1514.7 | 1513.5 | 1512.5 | 1512.0 | 1512.2 | 1512.5 | 1512.7 | 1512.9 | 1514.6 | 1516.3 |
| 170°   | 1529.5 | 1528.3 | 1527.3 | 1526.2 | 1525.6 | 1525.6 | 1525.6 | 1525.6 | 1525.6 | 1527.5 | 1529.5 |
| 172.5° | 1540.2 | 1539.1 | 1538.0 | 1536.9 | 1536.3 | 1536.3 | 1536.3 | 1536.3 | 1536.3 | 1538.0 | 1539.7 |
| 175°   | 1551.4 | 1550.4 | 1549.3 | 1548.1 | 1547.7 | 1547.7 | 1547.7 | 1547.7 | 1547.7 | 1549.3 | 1550.9 |
| 177.5° | 1556.3 | 1555.4 | 1554.5 | 1553.7 | 1553.2 | 1553.2 | 1553.2 | 1553.2 | 1553.2 | 1554.5 | 1555.9 |
| 180°   | 1556.2 | 1556.2 | 1556.2 | 1556.2 | 1556.2 | 1556.2 | 1556.2 | 1556.2 | 1556.2 | 1556.2 | 1556.2 |



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CATALOG NUMBER: S123RDIW-S775D1320U830-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 330°   | 335°   | 340°   | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1152.7 | 1152.7 | 1152.7 | 1152.7 | 1152.7 | 1152.7 | 1152.7 |
| 2.5°   | 1215.9 | 1215.9 | 1217.5 | 1223.4 | 1224.2 | 1229.4 | 1227.8 |
| 5°     | 1336.3 | 1345.7 | 1349.2 | 1364.0 | 1372.8 | 1376.8 | 1368.9 |
| 7.5°   | 1483.6 | 1510.0 | 1522.6 | 1538.0 | 1551.8 | 1555.9 | 1545.1 |
| 10°    | 1590.9 | 1618.5 | 1641.8 | 1656.0 | 1669.4 | 1678.3 | 1689.6 |
| 12.5°  | 1694.8 | 1728.7 | 1750.8 | 1770.9 | 1784.7 | 1795.9 | 1797.8 |
| 15°    | 1807.6 | 1858.9 | 1897.9 | 1926.5 | 1940.8 | 1948.2 | 1945.2 |
| 17.5°  | 1921.4 | 1969.0 | 1996.7 | 2025.9 | 2045.7 | 2046.7 | 2047.3 |
| 20°    | 1985.7 | 2032.1 | 2064.2 | 2085.8 | 2108.1 | 2107.1 | 2112.0 |
| 22.5°  | 2028.7 | 2065.3 | 2089.8 | 2105.6 | 2113.3 | 2109.5 | 2110.4 |
| 25°    | 2048.9 | 2059.7 | 2055.3 | 2030.1 | 2023.7 | 2000.5 | 2004.5 |
| 27.5°  | 1945.0 | 1893.8 | 1840.6 | 1772.4 | 1718.4 | 1675.5 | 1677.6 |
| 30°    | 1804.1 | 1713.4 | 1609.7 | 1522.9 | 1444.9 | 1423.1 | 1376.8 |
| 32.5°  | 1607.1 | 1470.9 | 1349.5 | 1268.6 | 1201.6 | 1183.6 | 1143.1 |
| 35°    | 1273.2 | 1140.9 | 1016.1 | 941.0  | 911.4  | 870.0  | 869.5  |
| 37.5°  | 989.6  | 873.2  | 807.1  | 750.8  | 721.3  | 696.3  | 693.8  |
| 40°    | 832.5  | 741.7  | 691.8  | 651.4  | 622.3  | 603.5  | 599.1  |
| 42.5°  | 722.7  | 649.3  | 602.7  | 577.6  | 555.2  | 545.4  | 538.3  |
| 45°    | 590.2  | 540.8  | 508.3  | 485.6  | 475.2  | 467.8  | 463.8  |
| 47.5°  | 493.7  | 460.6  | 438.4  | 423.3  | 414.9  | 407.1  | 409.2  |
| 50°    | 441.2  | 414.1  | 397.8  | 383.4  | 377.0  | 371.6  | 372.1  |
| 52.5°  | 398.9  | 374.6  | 361.4  | 351.1  | 343.1  | 339.2  | 337.3  |
| 55°    | 338.6  | 323.2  | 309.9  | 302.5  | 298.0  | 292.7  | 291.2  |
| 57.5°  | 288.8  | 276.9  | 266.1  | 257.7  | 256.6  | 251.4  | 252.0  |
| 60°    | 255.6  | 245.7  | 236.9  | 232.4  | 228.9  | 224.5  | 226.0  |
| 62.5°  | 228.4  | 220.1  | 212.0  | 208.3  | 204.9  | 201.6  | 202.4  |
| 65°    | 187.0  | 179.1  | 174.2  | 172.2  | 170.7  | 169.3  | 167.8  |
| 67.5°  | 149.0  | 144.2  | 141.1  | 136.9  | 133.8  | 133.4  | 131.9  |
| 70°    | 125.4  | 118.9  | 113.5  | 108.1  | 106.6  | 106.1  | 106.6  |
| 72.5°  | 100.5  | 96.4   | 94.9   | 92.3   | 92.0   | 90.7   | 91.6   |
| 75°    | 75.5   | 74.0   | 73.0   | 71.1   | 71.1   | 71.1   | 71.1   |
| 77.5°  | 55.7   | 54.8   | 54.2   | 53.8   | 53.3   | 52.6   | 52.5   |
| 80°    | 43.5   | 42.9   | 41.9   | 41.9   | 41.5   | 41.9   | 41.5   |
| 82.5°  | 32.8   | 32.7   | 31.7   | 31.7   | 31.2   | 30.9   | 31.2   |
| 85°    | 16.8   | 16.3   | 17.2   | 16.3   | 16.8   | 15.8   | 16.8   |
| 87.5°  | 11.2   | 11.5   | 11.2   | 11.3   | 11.0   | 12.0   | 11.3   |
| 90°    | 32.6   | 33.6   | 34.5   | 35.1   | 35.6   | 36.1   | 36.7   |
| 92.5°  | 49.6   | 50.4   | 50.7   | 50.3   | 50.0   | 49.7   | 49.4   |
| 95°    | 93.7   | 94.8   | 95.4   | 95.4   | 95.4   | 95.4   | 95.4   |
| 97.5°  | 145.3  | 146.6  | 147.1  | 147.0  | 146.9  | 146.8  | 146.7  |
| 100°   | 182.1  | 182.9  | 183.6  | 184.2  | 184.7  | 185.3  | 185.8  |
| 102.5° | 225.2  | 226.0  | 226.3  | 226.2  | 226.1  | 226.0  | 225.9  |
| 105°   | 288.5  | 288.5  | 288.8  | 289.4  | 289.8  | 290.4  | 291.0  |
| 107.5° | 358.8  | 359.7  | 360.0  | 359.7  | 359.3  | 359.0  | 358.6  |
| 110°   | 405.5  | 406.5  | 406.8  | 406.2  | 405.8  | 405.2  | 404.6  |



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**CANDELA DISTRIBUTION (continued):**

|        | 330°   | 335°   | 340°   | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 452.0  | 453.4  | 453.9  | 453.8  | 453.7  | 453.6  | 453.6  |
| 115°   | 521.6  | 521.9  | 521.9  | 521.6  | 521.3  | 521.0  | 520.8  |
| 117.5° | 592.5  | 592.4  | 592.0  | 591.3  | 590.5  | 589.7  | 589.0  |
| 120°   | 639.8  | 639.5  | 639.0  | 638.6  | 638.0  | 637.4  | 636.9  |
| 122.5° | 687.3  | 686.6  | 685.9  | 685.1  | 684.4  | 683.6  | 682.9  |
| 125°   | 758.4  | 757.2  | 756.2  | 755.1  | 753.9  | 752.9  | 751.8  |
| 127.5° | 828.4  | 826.9  | 825.5  | 824.3  | 823.0  | 821.8  | 820.5  |
| 130°   | 875.7  | 874.6  | 873.1  | 871.2  | 869.3  | 867.4  | 865.5  |
| 132.5° | 921.0  | 919.7  | 918.3  | 916.8  | 915.4  | 913.9  | 912.5  |
| 135°   | 989.4  | 988.3  | 987.5  | 986.9  | 986.4  | 985.8  | 985.3  |
| 137.5° | 1055.9 | 1054.8 | 1053.8 | 1052.7 | 1051.7 | 1050.7 | 1049.6 |
| 140°   | 1100.6 | 1100.3 | 1099.3 | 1097.4 | 1095.4 | 1093.5 | 1091.7 |
| 142.5° | 1141.7 | 1141.4 | 1140.6 | 1139.1 | 1137.6 | 1136.1 | 1134.7 |
| 145°   | 1202.1 | 1201.8 | 1201.2 | 1200.0 | 1198.9 | 1197.9 | 1196.7 |
| 147.5° | 1259.3 | 1259.3 | 1258.6 | 1257.0 | 1255.3 | 1253.7 | 1252.1 |
| 150°   | 1294.6 | 1294.6 | 1293.7 | 1292.1 | 1290.5 | 1288.8 | 1287.2 |
| 152.5° | 1327.2 | 1327.6 | 1327.1 | 1325.7 | 1324.3 | 1322.9 | 1321.4 |
| 155°   | 1374.9 | 1375.9 | 1375.5 | 1373.7 | 1371.8 | 1369.8 | 1367.9 |
| 157.5° | 1415.3 | 1416.5 | 1416.3 | 1414.8 | 1413.2 | 1411.7 | 1410.2 |
| 160°   | 1440.5 | 1441.8 | 1442.0 | 1440.9 | 1439.8 | 1438.7 | 1437.6 |
| 162.5° | 1464.0 | 1465.3 | 1465.1 | 1463.4 | 1461.6 | 1459.9 | 1458.1 |
| 165°   | 1493.8 | 1495.4 | 1495.3 | 1493.5 | 1491.6 | 1489.6 | 1487.7 |
| 167.5° | 1518.0 | 1519.7 | 1519.7 | 1518.0 | 1516.3 | 1514.6 | 1512.9 |
| 170°   | 1531.3 | 1533.2 | 1533.2 | 1531.3 | 1529.5 | 1527.5 | 1525.6 |
| 172.5° | 1541.4 | 1543.1 | 1543.0 | 1541.2 | 1539.2 | 1537.3 | 1535.4 |
| 175°   | 1552.6 | 1554.2 | 1554.0 | 1552.1 | 1550.2 | 1548.3 | 1546.4 |
| 177.5° | 1557.2 | 1558.5 | 1558.4 | 1556.8 | 1555.3 | 1553.8 | 1552.3 |
| 180°   | 1556.2 | 1556.2 | 1556.2 | 1556.2 | 1556.2 | 1556.2 | 1556.2 |

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