

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: P332450

Luminaire Tested: **S123RDIW-S1000D460U835-4F0-1E-UDD-A**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P332450
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: S123RDIW-S1000D460U835-4F0-1E-UDD-A
Description: DEFINE 3 DIRECT-INDIRECT WALL MOUNT LED LUMINAIRE
DOWNLIGHT 1000 LUMENS PER FOOT, ASYMMETRIC DIFFUSER, REGRESSED HOUSING
UPLIGHT 460 LUMENS PER FOOT, NO LENS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5803.9 lumens
Efficiency: N/A
Efficacy: 125.6 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: Semi-Direct

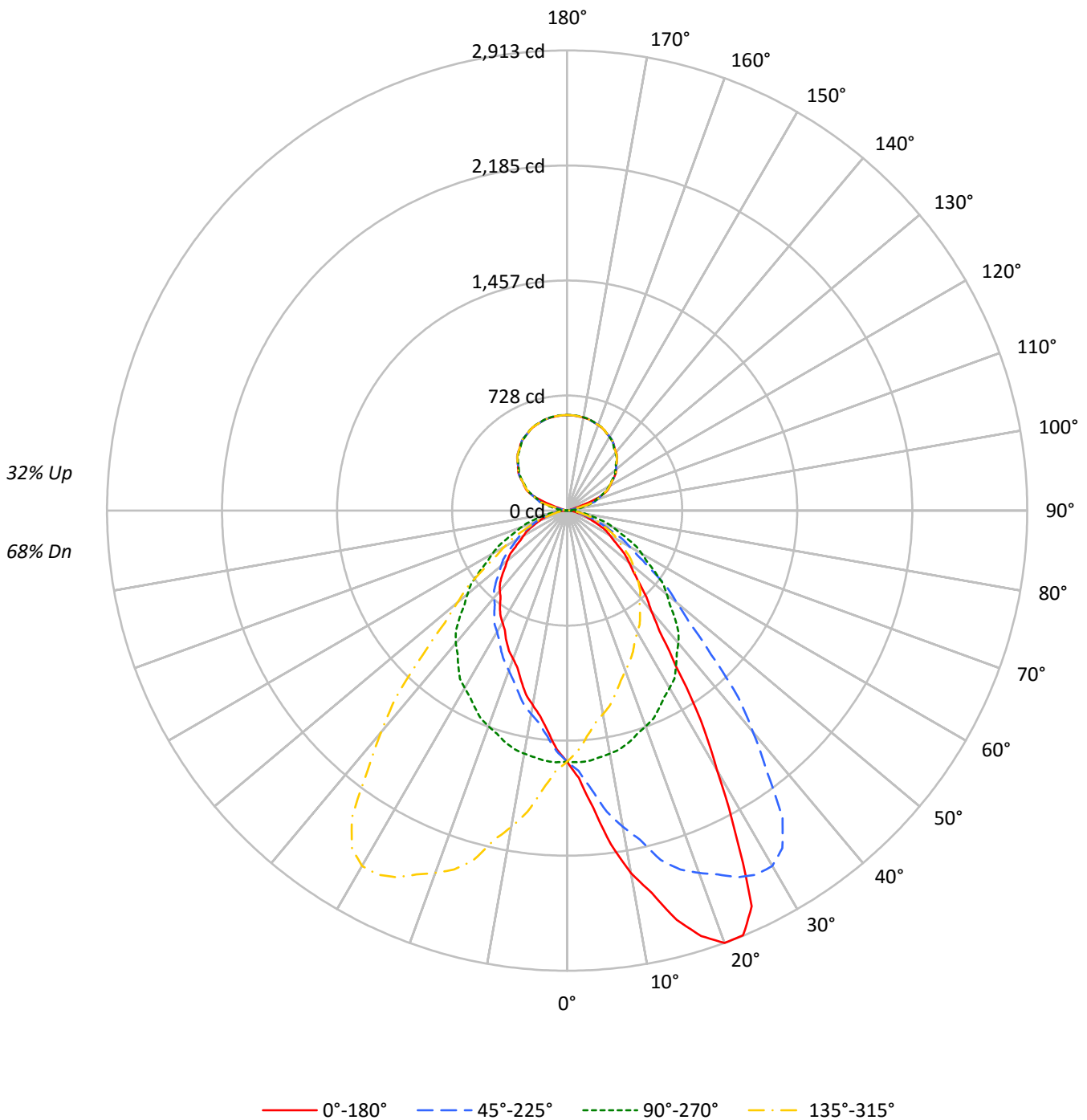
Input Watts (W): 46.2
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P332450

CATALOG NUMBER: S123RDIW-S1000D460U835-4F0-1E-UDD-A

Luminous Intensity Polar Plot





TEST NUMBER: P332450

CATALOG NUMBER: S123RDIW-S1000D460U835-4F0-1E-UDD-A

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 | 111 | 111 | 111 | 111 | 105 | 105 | 105 | 105 | 93 | 93 | 93 | 83 | 83 | 83 | 73 | 73 | 73 | 68 |
| 1 | 103 | 99 | 95 | 91 | 97 | 93 | 90 | 87 | 83 | 81 | 79 | 74 | 72 | 71 | 66 | 64 | 63 | 59 |
| 2 | 94 | 87 | 81 | 76 | 89 | 82 | 77 | 73 | 74 | 70 | 66 | 66 | 63 | 60 | 59 | 56 | 54 | 51 |
| 3 | 86 | 77 | 70 | 64 | 81 | 73 | 67 | 62 | 66 | 61 | 57 | 59 | 55 | 52 | 53 | 50 | 47 | 44 |
| 4 | 80 | 69 | 61 | 55 | 75 | 66 | 59 | 53 | 59 | 54 | 49 | 53 | 49 | 45 | 48 | 44 | 41 | 38 |
| 5 | 73 | 62 | 54 | 48 | 69 | 59 | 52 | 46 | 53 | 48 | 43 | 48 | 43 | 40 | 43 | 40 | 37 | 34 |
| 6 | 68 | 56 | 48 | 42 | 64 | 53 | 46 | 41 | 48 | 42 | 38 | 44 | 39 | 35 | 40 | 36 | 33 | 30 |
| 7 | 63 | 51 | 43 | 37 | 59 | 49 | 41 | 36 | 44 | 38 | 34 | 40 | 35 | 31 | 36 | 32 | 29 | 27 |
| 8 | 59 | 46 | 39 | 33 | 55 | 44 | 37 | 32 | 41 | 35 | 30 | 37 | 32 | 28 | 34 | 29 | 26 | 24 |
| 9 | 55 | 43 | 35 | 30 | 52 | 41 | 34 | 29 | 37 | 32 | 27 | 34 | 29 | 26 | 31 | 27 | 24 | 22 |
| 10 | 51 | 39 | 32 | 27 | 49 | 38 | 31 | 26 | 35 | 29 | 25 | 32 | 27 | 23 | 29 | 25 | 22 | 20 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|-------|-------|-------|-------|
| 0° | 17111 | 17111 | 17111 | 17111 |
| 5° | 20398 | 17184 | 15132 | 17184 |
| 10° | 25468 | 17086 | 13671 | 17086 |
| 15° | 29895 | 16912 | 12467 | 16912 |
| 20° | 33364 | 16651 | 11443 | 16651 |
| 25° | 32831 | 16376 | 10815 | 16376 |
| 30° | 23599 | 16122 | 10167 | 16122 |
| 35° | 15757 | 15792 | 9747 | 15792 |
| 40° | 11609 | 15396 | 9313 | 15396 |
| 45° | 9738 | 14700 | 8888 | 14700 |
| 50° | 8592 | 13788 | 8296 | 13788 |
| 55° | 7535 | 12746 | 7484 | 12746 |
| 60° | 6710 | 11750 | 6857 | 11750 |
| 65° | 5894 | 10677 | 6378 | 10677 |
| 70° | 4626 | 9725 | 5825 | 9725 |
| 75° | 4076 | 8492 | 5319 | 8492 |
| 80° | 3546 | 7215 | 5232 | 7215 |
| 85° | 2853 | 5805 | 5545 | 5805 |



TEST NUMBER: P332450

CATALOG NUMBER: S123RDIW-S1000D460U835-4F0-1E-UDD-A

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 156.3 | 2.7 |
| 10°-20° | 488.4 | 8.4 |
| 20°-30° | 767.3 | 13.2 |
| 30°-40° | 800.5 | 13.8 |
| 40°-50° | 685.1 | 11.8 |
| 50°-60° | 522.2 | 9.0 |
| 60°-70° | 334.7 | 5.8 |
| 70°-80° | 161.0 | 2.8 |
| 80°-90° | 44.3 | 0.8 |
| 90°-100° | 22.0 | 0.4 |
| 100°-110° | 104.8 | 1.8 |
| 110°-120° | 251.7 | 4.3 |
| 120°-130° | 320.5 | 5.5 |
| 130°-140° | 342.4 | 5.9 |
| 140°-150° | 320.2 | 5.5 |
| 150°-160° | 258.3 | 4.5 |
| 160°-170° | 166.7 | 2.9 |
| 170°-180° | 57.5 | 1.0 |
| 0°-30° | 1412.0 | 24.3 |
| 0°-40° | 2212.6 | 38.1 |
| 0°-60° | 3419.8 | 58.9 |
| 0°-90° | 3959.8 | 68.2 |
| 90°-120° | 378.5 | 6.5 |
| 90°-150° | 1361.6 | 23.5 |
| 90°-180° | 1844.0 | 31.8 |
| 0°-180° | 5803.9 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0° | 1590 | 1590 | 1590 | 1590 | 1590 | |
| 5° | 1888 | 1590 | 1400 | 1590 | 1888 | 195 |
| 15° | 2683 | 1518 | 1119 | 1518 | 2683 | 761 |
| 25° | 2764 | 1379 | 911 | 1379 | 2764 | 1188 |
| 35° | 1199 | 1202 | 742 | 1202 | 1199 | 786 |
| 45° | 640 | 966 | 584 | 966 | 640 | 503 |
| 55° | 402 | 679 | 399 | 679 | 402 | 363 |
| 65° | 231 | 419 | 250 | 419 | 231 | 228 |
| 75° | 98 | 204 | 128 | 204 | 98 | 105 |
| 85° | 23 | 47 | 45 | 47 | 23 | 27 |
| 90° | 14 | 0 | 14 | 0 | 14 | 7 |
| 95° | 17 | 27 | 17 | 27 | 17 | 14 |
| 105° | 20 | 134 | 20 | 134 | 20 | 45 |
| 115° | 264 | 251 | 264 | 251 | 264 | 244 |
| 125° | 361 | 354 | 361 | 354 | 361 | 323 |
| 135° | 445 | 441 | 445 | 441 | 445 | 343 |
| 145° | 514 | 509 | 514 | 509 | 514 | 321 |
| 155° | 559 | 560 | 559 | 560 | 559 | 258 |
| 165° | 590 | 591 | 590 | 591 | 590 | 166 |
| 175° | 602 | 605 | 602 | 605 | 602 | 57 |
| 180° | 605 | 605 | 605 | 605 | 605 | |



TEST NUMBER: P332450

CATALOG NUMBER: S123RDIW-S1000D460U835-4F0-1E-UDD-A

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1589.7 | 1589.7 | 1589.7 | 1589.7 | 1589.7 | 1589.7 | 1589.7 | 1589.7 | 1589.7 | 1589.7 | 1589.7 |
| 2.5° | 1693.2 | 1695.3 | 1688.3 | 1687.2 | 1679.0 | 1676.8 | 1676.8 | 1665.4 | 1658.3 | 1649.1 | 1643.6 |
| 5° | 1887.8 | 1898.7 | 1893.2 | 1881.0 | 1860.6 | 1855.8 | 1842.9 | 1822.5 | 1799.3 | 1770.7 | 1757.1 |
| 7.5° | 2130.9 | 2145.7 | 2140.0 | 2121.1 | 2099.7 | 2082.4 | 2046.0 | 2012.1 | 1964.6 | 1922.9 | 1887.3 |
| 10° | 2330.1 | 2314.5 | 2302.2 | 2283.9 | 2264.1 | 2232.1 | 2194.0 | 2141.6 | 2081.1 | 2033.4 | 1980.4 |
| 12.5° | 2479.3 | 2476.7 | 2461.2 | 2442.3 | 2414.4 | 2384.0 | 2337.2 | 2273.4 | 2203.0 | 2134.2 | 2073.4 |
| 15° | 2682.7 | 2686.7 | 2676.5 | 2656.8 | 2617.3 | 2563.6 | 2492.8 | 2466.3 | 2365.5 | 2290.7 | 2215.8 |
| 17.5° | 2823.4 | 2822.6 | 2821.2 | 2793.9 | 2753.6 | 2715.3 | 2649.7 | 2579.9 | 2488.7 | 2383.2 | 2282.4 |
| 20° | 2912.7 | 2905.9 | 2907.2 | 2876.6 | 2846.7 | 2802.4 | 2738.5 | 2637.1 | 2562.2 | 2440.4 | 2336.3 |
| 22.5° | 2910.5 | 2909.1 | 2914.3 | 2903.8 | 2882.1 | 2848.2 | 2797.8 | 2712.2 | 2616.6 | 2493.7 | 2376.6 |
| 25° | 2764.3 | 2758.9 | 2790.9 | 2799.7 | 2834.4 | 2840.5 | 2825.6 | 2778.6 | 2688.1 | 2561.5 | 2416.6 |
| 27.5° | 2313.5 | 2310.5 | 2369.9 | 2444.2 | 2538.4 | 2611.6 | 2682.4 | 2716.6 | 2688.1 | 2597.5 | 2452.2 |
| 30° | 1898.7 | 1962.7 | 1992.6 | 2100.1 | 2219.9 | 2362.8 | 2488.0 | 2607.1 | 2636.4 | 2596.9 | 2477.8 |
| 32.5° | 1576.4 | 1632.2 | 1657.2 | 1749.5 | 1861.1 | 2028.5 | 2216.4 | 2385.0 | 2504.1 | 2534.3 | 2462.6 |
| 35° | 1199.1 | 1199.8 | 1256.9 | 1297.8 | 1401.2 | 1573.4 | 1755.8 | 1981.7 | 2206.3 | 2376.4 | 2394.1 |
| 37.5° | 956.8 | 960.2 | 994.8 | 1035.5 | 1113.1 | 1204.1 | 1364.7 | 1552.6 | 1812.0 | 2073.2 | 2226.3 |
| 40° | 826.2 | 832.3 | 858.2 | 898.3 | 954.1 | 1022.8 | 1148.1 | 1325.0 | 1541.4 | 1832.0 | 2069.5 |
| 42.5° | 742.3 | 752.3 | 765.6 | 796.5 | 831.1 | 895.4 | 996.7 | 1133.4 | 1330.2 | 1605.0 | 1879.0 |
| 45° | 639.7 | 645.1 | 655.4 | 669.6 | 700.9 | 745.9 | 813.9 | 905.8 | 1069.1 | 1290.3 | 1564.5 |
| 47.5° | 564.3 | 561.4 | 572.2 | 583.8 | 604.6 | 635.2 | 680.8 | 755.8 | 872.3 | 1049.8 | 1282.4 |
| 50° | 513.1 | 512.4 | 519.9 | 528.8 | 548.5 | 571.0 | 608.4 | 664.9 | 757.4 | 904.4 | 1117.4 |
| 52.5° | 465.2 | 467.8 | 473.1 | 484.1 | 498.4 | 516.5 | 550.1 | 590.8 | 670.3 | 797.2 | 974.8 |
| 55° | 401.5 | 403.6 | 411.0 | 417.2 | 427.4 | 445.7 | 466.8 | 500.9 | 555.3 | 643.8 | 790.1 |
| 57.5° | 347.6 | 346.7 | 353.9 | 355.4 | 366.9 | 381.9 | 398.2 | 424.7 | 464.1 | 529.9 | 628.4 |
| 60° | 311.7 | 309.6 | 315.8 | 320.5 | 326.7 | 338.9 | 352.5 | 378.4 | 409.7 | 458.0 | 542.4 |
| 62.5° | 279.0 | 278.1 | 282.6 | 287.3 | 292.4 | 303.5 | 315.0 | 334.8 | 359.6 | 400.3 | 467.3 |
| 65° | 231.4 | 233.4 | 235.5 | 237.5 | 240.2 | 247.0 | 257.9 | 271.5 | 288.5 | 317.1 | 365.4 |
| 67.5° | 181.8 | 183.9 | 184.6 | 188.8 | 194.6 | 198.9 | 205.5 | 217.6 | 229.5 | 253.6 | 281.1 |
| 70° | 147.0 | 146.3 | 147.0 | 149.0 | 156.5 | 164.0 | 172.9 | 181.7 | 189.2 | 206.2 | 229.3 |
| 72.5° | 126.3 | 125.1 | 126.9 | 127.3 | 130.9 | 133.0 | 138.6 | 146.9 | 156.5 | 168.1 | 184.7 |
| 75° | 98.0 | 98.0 | 98.0 | 98.0 | 100.7 | 102.1 | 104.1 | 106.2 | 109.6 | 115.0 | 127.3 |
| 77.5° | 72.4 | 72.5 | 73.5 | 74.2 | 74.7 | 75.5 | 76.8 | 78.8 | 80.0 | 82.9 | 88.2 |
| 80° | 57.2 | 57.8 | 57.2 | 57.8 | 57.8 | 59.2 | 59.9 | 61.9 | 62.6 | 66.0 | 68.1 |
| 82.5° | 43.0 | 42.6 | 43.0 | 43.7 | 43.7 | 45.1 | 45.2 | 46.7 | 46.8 | 48.6 | 50.6 |
| 85° | 23.1 | 21.8 | 23.1 | 22.5 | 23.8 | 22.5 | 23.1 | 24.5 | 24.5 | 25.2 | 27.9 |
| 87.5° | 8.1 | 9.2 | 8.1 | 8.6 | 8.5 | 9.0 | 8.9 | 8.8 | 9.9 | 9.2 | 9.5 |
| 90° | 13.5 | 13.3 | 13.1 | 12.9 | 12.7 | 12.4 | 12.0 | 11.6 | 11.2 | 10.8 | 9.5 |
| 92.5° | 14.9 | 14.8 | 14.7 | 14.6 | 14.4 | 14.1 | 13.4 | 12.8 | 12.1 | 11.5 | 10.5 |
| 95° | 17.1 | 17.1 | 17.1 | 17.1 | 17.1 | 16.7 | 16.0 | 15.3 | 14.6 | 13.9 | 12.8 |
| 97.5° | 18.5 | 18.4 | 18.3 | 18.2 | 18.1 | 17.7 | 16.9 | 16.1 | 15.3 | 14.5 | 21.7 |
| 100° | 18.9 | 18.8 | 18.7 | 18.6 | 18.5 | 18.0 | 17.2 | 16.4 | 15.6 | 14.8 | 30.4 |
| 102.5° | 19.2 | 19.0 | 18.9 | 18.7 | 18.5 | 19.7 | 22.1 | 24.6 | 27.1 | 29.6 | 46.6 |
| 105° | 19.8 | 19.6 | 19.4 | 19.2 | 19.0 | 27.7 | 45.4 | 63.0 | 80.7 | 98.4 | 107.4 |
| 107.5° | 62.1 | 75.4 | 88.7 | 102.0 | 115.4 | 128.5 | 141.5 | 154.4 | 167.4 | 180.3 | 178.9 |
| 110° | 123.6 | 137.8 | 152.1 | 166.4 | 180.7 | 189.4 | 192.7 | 196.0 | 199.3 | 202.6 | 201.5 |



TEST NUMBER: P332450

CATALOG NUMBER: S123RDIW-S1000D460U835-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 212.0 | 215.0 | 218.0 | 221.0 | 224.0 | 225.5 | 225.4 | 225.4 | 225.3 | 225.3 | 224.2 |
| 115° | 264.2 | 263.8 | 263.4 | 263.0 | 262.6 | 261.9 | 260.9 | 259.9 | 258.9 | 257.9 | 257.0 |
| 117.5° | 293.5 | 293.4 | 293.3 | 293.2 | 293.1 | 292.7 | 291.9 | 291.1 | 290.3 | 289.5 | 289.1 |
| 120° | 313.6 | 313.6 | 313.6 | 313.6 | 313.6 | 313.2 | 312.4 | 311.6 | 310.8 | 310.0 | 309.7 |
| 122.5° | 333.4 | 333.3 | 333.2 | 333.1 | 333.0 | 332.7 | 332.2 | 331.6 | 331.0 | 330.5 | 330.1 |
| 125° | 361.2 | 361.0 | 360.8 | 360.6 | 360.4 | 360.2 | 360.0 | 359.8 | 359.6 | 359.4 | 359.0 |
| 127.5° | 388.0 | 388.2 | 388.4 | 388.6 | 388.8 | 388.7 | 388.4 | 388.1 | 387.8 | 387.5 | 387.0 |
| 130° | 405.2 | 405.4 | 405.6 | 405.8 | 406.0 | 405.9 | 405.5 | 405.1 | 404.7 | 404.3 | 404.0 |
| 132.5° | 421.1 | 421.3 | 421.6 | 421.9 | 422.2 | 422.1 | 421.7 | 421.3 | 420.9 | 420.5 | 420.2 |
| 135° | 445.2 | 445.5 | 445.8 | 446.1 | 446.4 | 446.4 | 446.1 | 445.8 | 445.5 | 445.2 | 444.8 |
| 137.5° | 468.0 | 468.2 | 468.4 | 468.6 | 468.8 | 468.6 | 468.1 | 467.7 | 467.2 | 466.7 | 466.5 |
| 140° | 481.6 | 481.8 | 482.0 | 482.2 | 482.4 | 482.3 | 481.9 | 481.5 | 481.1 | 480.7 | 480.4 |
| 142.5° | 494.2 | 494.5 | 494.8 | 495.0 | 495.3 | 495.3 | 495.0 | 494.7 | 494.3 | 494.0 | 493.7 |
| 145° | 513.5 | 513.5 | 513.5 | 513.5 | 513.5 | 513.4 | 513.2 | 513.0 | 512.8 | 512.6 | 512.4 |
| 147.5° | 527.9 | 528.4 | 528.8 | 529.3 | 529.7 | 529.9 | 529.7 | 529.5 | 529.3 | 529.1 | 528.9 |
| 150° | 538.7 | 539.0 | 539.3 | 539.6 | 539.9 | 539.9 | 539.7 | 539.5 | 539.3 | 539.1 | 538.9 |
| 152.5° | 547.3 | 547.8 | 548.2 | 548.7 | 549.1 | 549.2 | 548.8 | 548.5 | 548.1 | 547.8 | 547.6 |
| 155° | 559.4 | 559.9 | 560.5 | 561.1 | 561.7 | 561.8 | 561.3 | 560.8 | 560.3 | 559.8 | 559.7 |
| 157.5° | 569.5 | 570.3 | 571.1 | 571.8 | 572.6 | 572.7 | 572.1 | 571.5 | 570.9 | 570.3 | 570.4 |
| 160° | 576.0 | 576.7 | 577.4 | 578.1 | 578.8 | 578.8 | 578.2 | 577.6 | 577.0 | 576.4 | 576.5 |
| 162.5° | 582.1 | 582.7 | 583.3 | 583.9 | 584.6 | 584.5 | 583.9 | 583.2 | 582.5 | 581.8 | 581.9 |
| 165° | 589.5 | 590.2 | 590.9 | 591.5 | 592.2 | 592.2 | 591.4 | 590.6 | 589.8 | 589.0 | 589.1 |
| 167.5° | 594.8 | 595.6 | 596.4 | 597.1 | 597.9 | 597.9 | 597.1 | 596.4 | 595.6 | 594.8 | 594.8 |
| 170° | 598.0 | 598.8 | 599.6 | 600.4 | 601.2 | 601.2 | 600.4 | 599.6 | 598.8 | 598.0 | 598.0 |
| 172.5° | 599.8 | 600.7 | 601.5 | 602.4 | 603.3 | 603.3 | 602.5 | 601.7 | 600.9 | 600.1 | 600.1 |
| 175° | 602.5 | 603.3 | 604.1 | 604.9 | 605.7 | 605.7 | 605.0 | 604.3 | 603.6 | 602.9 | 602.8 |
| 177.5° | 603.3 | 604.1 | 604.9 | 605.7 | 606.5 | 606.6 | 605.9 | 605.3 | 604.6 | 604.0 | 603.9 |
| 180° | 604.7 | 604.7 | 604.7 | 604.7 | 604.7 | 604.7 | 604.7 | 604.7 | 604.7 | 604.7 | 604.7 |



TEST NUMBER: P332450

CATALOG NUMBER: S123RDIW-S1000D460U835-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1589.7 | 1589.7 | 1589.7 | 1589.7 | 1589.7 | 1589.7 | 1589.7 | 1589.7 | 1589.7 | 1589.7 | 1589.7 |
| 2.5° | 1641.4 | 1639.8 | 1632.2 | 1623.5 | 1612.0 | 1604.4 | 1598.4 | 1595.2 | 1585.4 | 1573.4 | 1565.2 |
| 5° | 1742.8 | 1722.4 | 1700.7 | 1674.1 | 1649.6 | 1624.4 | 1608.8 | 1590.4 | 1567.9 | 1542.8 | 1525.1 |
| 7.5° | 1851.5 | 1811.4 | 1768.3 | 1723.8 | 1679.8 | 1640.4 | 1605.5 | 1575.7 | 1539.9 | 1503.8 | 1478.5 |
| 10° | 1934.8 | 1876.2 | 1815.7 | 1753.7 | 1697.2 | 1644.2 | 1603.3 | 1563.2 | 1520.3 | 1478.8 | 1447.5 |
| 12.5° | 2010.4 | 1933.4 | 1863.6 | 1787.5 | 1715.2 | 1651.8 | 1593.0 | 1545.8 | 1494.2 | 1449.9 | 1414.3 |
| 15° | 2106.2 | 2027.3 | 1942.9 | 1827.2 | 1731.3 | 1651.0 | 1579.5 | 1517.6 | 1455.0 | 1400.5 | 1365.8 |
| 17.5° | 2195.8 | 2077.0 | 1963.6 | 1867.1 | 1742.4 | 1642.1 | 1554.9 | 1480.8 | 1412.1 | 1354.4 | 1311.7 |
| 20° | 2232.8 | 2117.8 | 1994.6 | 1871.5 | 1749.0 | 1636.7 | 1535.3 | 1453.6 | 1382.2 | 1316.8 | 1277.4 |
| 22.5° | 2255.1 | 2124.9 | 1995.2 | 1862.8 | 1732.6 | 1616.0 | 1515.7 | 1425.9 | 1348.4 | 1286.3 | 1237.6 |
| 25° | 2281.1 | 2126.0 | 1983.1 | 1852.4 | 1719.7 | 1593.1 | 1474.0 | 1378.8 | 1295.1 | 1229.0 | 1177.3 |
| 27.5° | 2298.3 | 2115.8 | 1946.9 | 1801.6 | 1667.0 | 1541.0 | 1431.8 | 1330.8 | 1245.9 | 1176.1 | 1120.6 |
| 30° | 2301.6 | 2107.6 | 1919.1 | 1761.9 | 1625.1 | 1509.4 | 1393.7 | 1297.1 | 1207.3 | 1133.1 | 1081.4 |
| 32.5° | 2305.9 | 2087.5 | 1881.5 | 1714.5 | 1574.5 | 1459.9 | 1355.1 | 1262.8 | 1170.8 | 1097.7 | 1044.9 |
| 35° | 2288.0 | 2076.3 | 1824.5 | 1632.6 | 1492.4 | 1381.5 | 1286.9 | 1201.8 | 1111.3 | 1040.5 | 986.8 |
| 37.5° | 2210.6 | 2032.1 | 1765.4 | 1540.3 | 1393.7 | 1291.0 | 1213.9 | 1139.8 | 1056.7 | 980.4 | 929.7 |
| 40° | 2132.8 | 1988.5 | 1719.7 | 1484.2 | 1331.1 | 1225.6 | 1156.2 | 1095.7 | 1015.4 | 943.9 | 889.5 |
| 42.5° | 2016.8 | 1929.2 | 1676.2 | 1425.4 | 1260.3 | 1158.7 | 1100.1 | 1043.4 | 972.9 | 900.3 | 849.2 |
| 45° | 1804.1 | 1815.7 | 1587.0 | 1331.8 | 1162.3 | 1060.3 | 1005.1 | 965.7 | 903.1 | 843.2 | 790.8 |
| 47.5° | 1537.3 | 1645.5 | 1482.3 | 1232.0 | 1059.0 | 963.2 | 915.0 | 880.6 | 838.4 | 779.6 | 731.8 |
| 50° | 1363.1 | 1517.6 | 1398.5 | 1165.1 | 994.3 | 899.0 | 851.3 | 823.4 | 786.7 | 740.4 | 694.8 |
| 52.5° | 1202.5 | 1368.4 | 1297.2 | 1090.5 | 924.0 | 836.9 | 790.4 | 767.4 | 738.2 | 694.7 | 653.4 |
| 55° | 980.6 | 1148.7 | 1132.4 | 977.9 | 818.7 | 740.4 | 705.0 | 679.2 | 659.4 | 626.8 | 594.1 |
| 57.5° | 793.2 | 952.6 | 961.0 | 852.7 | 725.9 | 648.5 | 618.1 | 598.6 | 585.7 | 561.0 | 530.8 |
| 60° | 675.1 | 821.4 | 850.0 | 768.3 | 659.4 | 591.4 | 561.4 | 545.8 | 535.6 | 515.8 | 492.7 |
| 62.5° | 577.1 | 701.6 | 734.0 | 675.2 | 595.7 | 532.0 | 508.6 | 493.5 | 486.6 | 469.6 | 449.2 |
| 65° | 441.7 | 545.1 | 576.4 | 543.7 | 502.2 | 451.2 | 432.1 | 419.2 | 413.1 | 403.6 | 388.6 |
| 67.5° | 332.1 | 407.5 | 441.8 | 418.8 | 403.8 | 371.6 | 359.5 | 352.5 | 347.1 | 340.5 | 328.0 |
| 70° | 266.8 | 322.6 | 358.0 | 351.8 | 339.6 | 322.6 | 313.7 | 309.0 | 303.5 | 298.1 | 287.2 |
| 72.5° | 214.5 | 252.9 | 286.1 | 289.2 | 279.2 | 275.8 | 268.0 | 266.0 | 262.7 | 256.2 | 250.2 |
| 75° | 142.2 | 168.8 | 191.9 | 200.8 | 204.8 | 208.2 | 204.8 | 204.2 | 203.5 | 198.0 | 194.6 |
| 77.5° | 93.2 | 107.5 | 122.1 | 137.2 | 143.6 | 148.2 | 149.3 | 151.8 | 150.0 | 147.1 | 145.5 |
| 80° | 71.5 | 74.9 | 85.1 | 98.0 | 108.2 | 112.3 | 115.0 | 116.4 | 115.7 | 115.0 | 112.3 |
| 82.5° | 51.9 | 54.7 | 59.5 | 68.6 | 77.2 | 84.0 | 85.6 | 85.3 | 86.8 | 87.2 | 85.1 |
| 85° | 27.9 | 28.6 | 29.9 | 31.3 | 36.1 | 43.6 | 45.6 | 47.0 | 48.3 | 48.3 | 44.2 |
| 87.5° | 10.3 | 9.5 | 10.4 | 10.1 | 11.6 | 11.9 | 15.0 | 17.5 | 18.3 | 16.3 | 16.5 |
| 90° | 8.2 | 6.9 | 5.6 | 4.4 | 3.4 | 2.4 | 1.4 | 0.4 | 1.4 | 2.4 | 3.4 |
| 92.5° | 9.5 | 8.6 | 7.6 | 7.2 | 7.5 | 7.8 | 8.1 | 8.4 | 8.1 | 7.8 | 7.5 |
| 95° | 11.7 | 10.6 | 9.5 | 11.0 | 15.1 | 19.2 | 23.3 | 27.4 | 23.3 | 19.2 | 15.1 |
| 97.5° | 28.8 | 36.0 | 43.2 | 47.7 | 49.6 | 51.4 | 53.2 | 55.1 | 53.2 | 51.4 | 49.6 |
| 100° | 46.0 | 61.6 | 77.1 | 83.9 | 81.9 | 79.9 | 77.9 | 75.9 | 77.9 | 79.9 | 81.9 |
| 102.5° | 63.6 | 80.6 | 97.6 | 105.4 | 104.0 | 102.5 | 101.1 | 99.6 | 101.1 | 102.5 | 104.0 |
| 105° | 116.4 | 125.3 | 134.3 | 138.3 | 137.2 | 136.1 | 135.0 | 133.9 | 135.0 | 136.1 | 137.2 |
| 107.5° | 177.5 | 176.1 | 174.7 | 173.5 | 172.6 | 171.8 | 170.9 | 170.0 | 170.9 | 171.8 | 172.6 |
| 110° | 200.4 | 199.3 | 198.2 | 197.3 | 196.5 | 195.7 | 194.9 | 194.1 | 194.9 | 195.7 | 196.5 |



TEST NUMBER: P332450

CATALOG NUMBER: S123RDIW-S1000D460U835-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 223.1 | 222.0 | 220.9 | 220.0 | 219.2 | 218.5 | 217.8 | 217.1 | 217.8 | 218.5 | 219.2 |
| 115° | 256.1 | 255.2 | 254.3 | 253.5 | 252.9 | 252.3 | 251.7 | 251.1 | 251.7 | 252.3 | 252.9 |
| 117.5° | 288.6 | 288.1 | 287.7 | 287.1 | 286.3 | 285.6 | 284.9 | 284.1 | 284.9 | 285.6 | 286.3 |
| 120° | 309.4 | 309.1 | 308.8 | 308.2 | 307.3 | 306.4 | 305.5 | 304.6 | 305.5 | 306.4 | 307.3 |
| 122.5° | 329.7 | 329.4 | 329.0 | 328.4 | 327.7 | 326.9 | 326.2 | 325.5 | 326.2 | 326.9 | 327.7 |
| 125° | 358.6 | 358.2 | 357.8 | 357.2 | 356.4 | 355.6 | 354.8 | 354.0 | 354.8 | 355.6 | 356.4 |
| 127.5° | 386.5 | 386.0 | 385.5 | 384.9 | 384.1 | 383.3 | 382.5 | 381.7 | 382.5 | 383.3 | 384.1 |
| 130° | 403.6 | 403.2 | 402.8 | 402.2 | 401.4 | 400.6 | 399.8 | 399.0 | 399.8 | 400.6 | 401.4 |
| 132.5° | 419.9 | 419.6 | 419.2 | 418.7 | 417.9 | 417.1 | 416.3 | 415.5 | 416.3 | 417.1 | 417.9 |
| 135° | 444.4 | 444.0 | 443.6 | 443.1 | 442.5 | 441.9 | 441.3 | 440.7 | 441.3 | 441.9 | 442.5 |
| 137.5° | 466.3 | 466.1 | 465.8 | 465.3 | 464.6 | 463.8 | 463.1 | 462.3 | 463.1 | 463.8 | 464.6 |
| 140° | 480.1 | 479.8 | 479.5 | 479.1 | 478.5 | 477.9 | 477.3 | 476.7 | 477.3 | 477.9 | 478.5 |
| 142.5° | 493.4 | 493.1 | 492.8 | 492.4 | 491.8 | 491.2 | 490.6 | 490.0 | 490.6 | 491.2 | 491.8 |
| 145° | 512.2 | 512.0 | 511.8 | 511.4 | 510.7 | 510.0 | 509.3 | 508.6 | 509.3 | 510.0 | 510.7 |
| 147.5° | 528.7 | 528.5 | 528.3 | 527.9 | 527.5 | 527.0 | 526.6 | 526.1 | 526.6 | 527.0 | 527.5 |
| 150° | 538.7 | 538.5 | 538.3 | 538.1 | 537.8 | 537.5 | 537.2 | 536.9 | 537.2 | 537.5 | 537.8 |
| 152.5° | 547.5 | 547.4 | 547.3 | 547.2 | 547.0 | 546.9 | 546.7 | 546.6 | 546.7 | 546.9 | 547.0 |
| 155° | 559.6 | 559.5 | 559.4 | 559.5 | 559.7 | 559.8 | 560.0 | 560.2 | 560.0 | 559.8 | 559.7 |
| 157.5° | 570.5 | 570.6 | 570.7 | 570.8 | 570.8 | 570.8 | 570.8 | 570.9 | 570.8 | 570.8 | 570.8 |
| 160° | 576.6 | 576.7 | 576.8 | 576.9 | 577.0 | 577.1 | 577.2 | 577.3 | 577.2 | 577.1 | 577.0 |
| 162.5° | 582.0 | 582.1 | 582.2 | 582.4 | 582.7 | 582.9 | 583.2 | 583.4 | 583.2 | 582.9 | 582.7 |
| 165° | 589.2 | 589.3 | 589.4 | 589.6 | 589.9 | 590.2 | 590.5 | 590.8 | 590.5 | 590.2 | 589.9 |
| 167.5° | 594.8 | 594.8 | 594.8 | 595.0 | 595.4 | 595.8 | 596.2 | 596.6 | 596.2 | 595.8 | 595.4 |
| 170° | 598.0 | 598.0 | 598.0 | 598.2 | 598.6 | 599.0 | 599.4 | 599.8 | 599.4 | 599.0 | 598.6 |
| 172.5° | 600.0 | 599.9 | 599.8 | 600.0 | 600.5 | 601.0 | 601.5 | 601.9 | 601.5 | 601.0 | 600.5 |
| 175° | 602.7 | 602.6 | 602.5 | 602.7 | 603.2 | 603.7 | 604.2 | 604.7 | 604.2 | 603.7 | 603.2 |
| 177.5° | 603.8 | 603.8 | 603.7 | 603.8 | 604.2 | 604.6 | 605.0 | 605.4 | 605.0 | 604.6 | 604.2 |
| 180° | 604.7 | 604.7 | 604.7 | 604.7 | 604.7 | 604.7 | 604.7 | 604.7 | 604.7 | 604.7 | 604.7 |



TEST NUMBER: P332450

CATALOG NUMBER: S123RDIW-S1000D460U835-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1589.7 | 1589.7 | 1589.7 | 1589.7 | 1589.7 | 1589.7 | 1589.7 | 1589.7 | 1589.7 | 1589.7 | 1589.7 |
| 2.5° | 1562.5 | 1555.4 | 1550.5 | 1539.6 | 1532.6 | 1524.9 | 1517.3 | 1522.2 | 1521.7 | 1521.1 | 1521.1 |
| 5° | 1510.1 | 1494.4 | 1480.2 | 1461.8 | 1450.2 | 1435.9 | 1425.0 | 1423.7 | 1426.4 | 1416.9 | 1411.4 |
| 7.5° | 1458.1 | 1436.7 | 1416.5 | 1396.2 | 1374.7 | 1357.5 | 1346.8 | 1341.7 | 1334.8 | 1328.9 | 1322.8 |
| 10° | 1421.6 | 1396.5 | 1376.7 | 1351.5 | 1328.4 | 1308.0 | 1295.1 | 1286.2 | 1281.4 | 1276.7 | 1267.8 |
| 12.5° | 1384.1 | 1359.4 | 1334.3 | 1305.8 | 1283.8 | 1260.1 | 1250.4 | 1240.5 | 1231.4 | 1226.0 | 1213.9 |
| 15° | 1329.1 | 1297.1 | 1270.6 | 1240.6 | 1216.1 | 1193.0 | 1179.4 | 1159.6 | 1156.9 | 1150.1 | 1137.9 |
| 17.5° | 1274.0 | 1239.2 | 1202.6 | 1180.5 | 1152.8 | 1128.7 | 1108.0 | 1101.4 | 1081.9 | 1074.6 | 1063.9 |
| 20° | 1230.4 | 1198.4 | 1170.5 | 1141.3 | 1101.1 | 1078.6 | 1062.3 | 1053.5 | 1037.8 | 1028.3 | 1021.5 |
| 22.5° | 1192.8 | 1160.3 | 1128.1 | 1093.9 | 1060.8 | 1035.6 | 1023.7 | 1009.9 | 1001.3 | 988.0 | 980.6 |
| 25° | 1139.2 | 1103.8 | 1065.0 | 1028.3 | 1004.5 | 985.4 | 966.4 | 954.1 | 941.9 | 935.7 | 922.1 |
| 27.5° | 1076.9 | 1039.9 | 1003.6 | 975.7 | 946.5 | 927.7 | 910.4 | 899.5 | 884.8 | 874.5 | 867.0 |
| 30° | 1042.6 | 999.0 | 967.7 | 942.5 | 905.1 | 887.4 | 874.5 | 860.9 | 850.0 | 839.1 | 831.6 |
| 32.5° | 1002.8 | 963.1 | 933.4 | 902.3 | 873.5 | 854.2 | 837.5 | 825.5 | 816.2 | 805.9 | 798.4 |
| 35° | 940.5 | 907.2 | 876.5 | 845.2 | 824.1 | 804.4 | 784.7 | 774.4 | 765.6 | 756.1 | 749.3 |
| 37.5° | 884.1 | 853.0 | 823.9 | 794.2 | 768.0 | 752.0 | 736.1 | 728.3 | 716.3 | 709.9 | 703.0 |
| 40° | 849.3 | 818.7 | 787.4 | 758.8 | 731.6 | 719.3 | 705.0 | 693.5 | 682.6 | 677.8 | 670.3 |
| 42.5° | 811.2 | 780.6 | 754.2 | 723.4 | 701.1 | 684.5 | 671.3 | 658.6 | 650.5 | 643.5 | 639.3 |
| 45° | 754.7 | 727.5 | 701.6 | 671.0 | 649.9 | 635.6 | 620.6 | 609.1 | 601.6 | 596.8 | 589.3 |
| 47.5° | 699.9 | 672.6 | 646.4 | 619.7 | 599.3 | 582.9 | 568.0 | 559.9 | 550.0 | 544.2 | 539.1 |
| 50° | 660.1 | 635.6 | 607.7 | 583.2 | 562.8 | 546.5 | 534.2 | 524.0 | 515.2 | 507.7 | 504.3 |
| 52.5° | 623.6 | 597.5 | 573.4 | 550.6 | 529.0 | 510.5 | 499.4 | 488.6 | 482.0 | 473.4 | 469.4 |
| 55° | 563.5 | 538.3 | 517.9 | 495.4 | 474.3 | 458.7 | 445.1 | 435.5 | 428.7 | 419.2 | 413.8 |
| 57.5° | 507.0 | 484.4 | 460.0 | 440.6 | 418.8 | 405.6 | 394.3 | 381.4 | 373.1 | 365.6 | 360.3 |
| 60° | 468.9 | 443.0 | 421.9 | 403.6 | 384.5 | 367.5 | 357.3 | 347.1 | 338.2 | 330.7 | 326.0 |
| 62.5° | 429.1 | 406.6 | 386.5 | 366.5 | 349.1 | 334.3 | 322.4 | 313.9 | 306.1 | 301.3 | 296.6 |
| 65° | 368.2 | 350.5 | 330.1 | 313.7 | 297.4 | 286.5 | 277.0 | 269.5 | 264.0 | 260.6 | 256.6 |
| 67.5° | 312.1 | 294.9 | 277.1 | 261.1 | 250.2 | 241.9 | 235.6 | 229.2 | 226.5 | 222.1 | 219.4 |
| 70° | 275.6 | 257.9 | 242.3 | 230.0 | 219.1 | 213.0 | 208.9 | 204.2 | 201.4 | 196.0 | 193.3 |
| 72.5° | 235.9 | 223.1 | 211.8 | 201.7 | 193.0 | 187.4 | 182.2 | 176.4 | 172.0 | 166.0 | 163.3 |
| 75° | 185.8 | 174.2 | 165.4 | 158.6 | 153.1 | 145.6 | 138.1 | 132.0 | 130.0 | 127.9 | 127.3 |
| 77.5° | 137.6 | 130.3 | 123.9 | 118.1 | 111.3 | 105.9 | 104.3 | 102.9 | 102.5 | 101.4 | 101.4 |
| 80° | 108.2 | 101.4 | 96.6 | 89.8 | 85.7 | 85.7 | 85.7 | 84.4 | 85.1 | 85.1 | 85.1 |
| 82.5° | 80.4 | 74.2 | 71.6 | 69.1 | 68.3 | 68.9 | 68.9 | 69.1 | 68.7 | 69.8 | 69.3 |
| 85° | 41.5 | 42.2 | 43.6 | 42.9 | 43.6 | 43.6 | 44.9 | 44.2 | 44.9 | 43.6 | 44.9 |
| 87.5° | 16.1 | 18.0 | 18.8 | 19.6 | 20.4 | 20.1 | 20.7 | 20.8 | 21.5 | 21.5 | 21.6 |
| 90° | 4.4 | 5.6 | 6.9 | 8.2 | 9.5 | 10.8 | 11.2 | 11.6 | 12.0 | 12.4 | 12.7 |
| 92.5° | 7.2 | 7.6 | 8.6 | 9.5 | 10.5 | 11.5 | 12.1 | 12.8 | 13.4 | 14.1 | 14.4 |
| 95° | 11.0 | 9.5 | 10.6 | 11.7 | 12.8 | 13.9 | 14.6 | 15.3 | 16.0 | 16.7 | 17.1 |
| 97.5° | 47.7 | 43.2 | 36.0 | 28.8 | 21.7 | 14.5 | 15.3 | 16.1 | 16.9 | 17.7 | 18.1 |
| 100° | 83.9 | 77.1 | 61.6 | 46.0 | 30.4 | 14.8 | 15.6 | 16.4 | 17.2 | 18.0 | 18.5 |
| 102.5° | 105.4 | 97.6 | 80.6 | 63.6 | 46.6 | 29.6 | 27.1 | 24.6 | 22.1 | 19.7 | 18.5 |
| 105° | 138.3 | 134.3 | 125.3 | 116.4 | 107.4 | 98.4 | 80.7 | 63.0 | 45.4 | 27.7 | 19.0 |
| 107.5° | 173.5 | 174.7 | 176.1 | 177.5 | 178.9 | 180.3 | 167.4 | 154.4 | 141.5 | 128.5 | 115.4 |
| 110° | 197.3 | 198.2 | 199.3 | 200.4 | 201.5 | 202.6 | 199.3 | 196.0 | 192.7 | 189.4 | 180.7 |



TEST NUMBER: P332450

CATALOG NUMBER: S123RDIW-S1000D460U835-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 220.0 | 220.9 | 222.0 | 223.1 | 224.2 | 225.3 | 225.3 | 225.4 | 225.4 | 225.5 | 224.0 |
| 115° | 253.5 | 254.3 | 255.2 | 256.1 | 257.0 | 257.9 | 258.9 | 259.9 | 260.9 | 261.9 | 262.6 |
| 117.5° | 287.1 | 287.7 | 288.1 | 288.6 | 289.1 | 289.5 | 290.3 | 291.1 | 291.9 | 292.7 | 293.1 |
| 120° | 308.2 | 308.8 | 309.1 | 309.4 | 309.7 | 310.0 | 310.8 | 311.6 | 312.4 | 313.2 | 313.6 |
| 122.5° | 328.4 | 329.0 | 329.4 | 329.7 | 330.1 | 330.5 | 331.0 | 331.6 | 332.2 | 332.7 | 333.0 |
| 125° | 357.2 | 357.8 | 358.2 | 358.6 | 359.0 | 359.4 | 359.6 | 359.8 | 360.0 | 360.2 | 360.4 |
| 127.5° | 384.9 | 385.5 | 386.0 | 386.5 | 387.0 | 387.5 | 387.8 | 388.1 | 388.4 | 388.7 | 388.8 |
| 130° | 402.2 | 402.8 | 403.2 | 403.6 | 404.0 | 404.3 | 404.7 | 405.1 | 405.5 | 405.9 | 406.0 |
| 132.5° | 418.7 | 419.2 | 419.6 | 419.9 | 420.2 | 420.5 | 420.9 | 421.3 | 421.7 | 422.1 | 422.2 |
| 135° | 443.1 | 443.6 | 444.0 | 444.4 | 444.8 | 445.2 | 445.5 | 445.8 | 446.1 | 446.4 | 446.4 |
| 137.5° | 465.3 | 465.8 | 466.1 | 466.3 | 466.5 | 466.7 | 467.2 | 467.7 | 468.1 | 468.6 | 468.8 |
| 140° | 479.1 | 479.5 | 479.8 | 480.1 | 480.4 | 480.7 | 481.1 | 481.5 | 481.9 | 482.3 | 482.4 |
| 142.5° | 492.4 | 492.8 | 493.1 | 493.4 | 493.7 | 494.0 | 494.3 | 494.7 | 495.0 | 495.3 | 495.3 |
| 145° | 511.4 | 511.8 | 512.0 | 512.2 | 512.4 | 512.6 | 512.8 | 513.0 | 513.2 | 513.4 | 513.5 |
| 147.5° | 527.9 | 528.3 | 528.5 | 528.7 | 528.9 | 529.1 | 529.3 | 529.5 | 529.7 | 529.9 | 529.7 |
| 150° | 538.1 | 538.3 | 538.5 | 538.7 | 538.9 | 539.1 | 539.3 | 539.5 | 539.7 | 539.9 | 539.9 |
| 152.5° | 547.2 | 547.3 | 547.4 | 547.5 | 547.6 | 547.8 | 548.1 | 548.5 | 548.8 | 549.2 | 549.1 |
| 155° | 559.5 | 559.4 | 559.5 | 559.6 | 559.7 | 559.8 | 560.3 | 560.8 | 561.3 | 561.8 | 561.7 |
| 157.5° | 570.8 | 570.7 | 570.6 | 570.5 | 570.4 | 570.3 | 570.9 | 571.5 | 572.1 | 572.7 | 572.6 |
| 160° | 576.9 | 576.8 | 576.7 | 576.6 | 576.5 | 576.4 | 577.0 | 577.6 | 578.2 | 578.8 | 578.8 |
| 162.5° | 582.4 | 582.2 | 582.1 | 582.0 | 581.9 | 581.8 | 582.5 | 583.2 | 583.9 | 584.5 | 584.6 |
| 165° | 589.6 | 589.4 | 589.3 | 589.2 | 589.1 | 589.0 | 589.8 | 590.6 | 591.4 | 592.2 | 592.2 |
| 167.5° | 595.0 | 594.8 | 594.8 | 594.8 | 594.8 | 594.8 | 595.6 | 596.4 | 597.1 | 597.9 | 597.9 |
| 170° | 598.2 | 598.0 | 598.0 | 598.0 | 598.0 | 598.0 | 598.8 | 599.6 | 600.4 | 601.2 | 601.2 |
| 172.5° | 600.0 | 599.8 | 599.9 | 600.0 | 600.1 | 600.1 | 600.9 | 601.7 | 602.5 | 603.3 | 603.3 |
| 175° | 602.7 | 602.5 | 602.6 | 602.7 | 602.8 | 602.9 | 603.6 | 604.3 | 605.0 | 605.7 | 605.7 |
| 177.5° | 603.8 | 603.7 | 603.8 | 603.8 | 603.9 | 604.0 | 604.6 | 605.3 | 605.9 | 606.6 | 606.5 |
| 180° | 604.7 | 604.7 | 604.7 | 604.7 | 604.7 | 604.7 | 604.7 | 604.7 | 604.7 | 604.7 | 604.7 |



TEST NUMBER: P332450

CATALOG NUMBER: S123RDIW-S1000D460U835-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1589.7 | 1589.7 | 1589.7 | 1589.7 | 1589.7 | 1589.7 | 1589.7 | 1589.7 | 1589.7 | 1589.7 | 1589.7 |
| 2.5° | 1514.6 | 1514.0 | 1514.6 | 1512.4 | 1514.6 | 1514.0 | 1514.6 | 1521.1 | 1521.1 | 1521.7 | 1522.2 |
| 5° | 1409.4 | 1408.7 | 1406.7 | 1400.5 | 1406.7 | 1408.7 | 1409.4 | 1411.4 | 1416.9 | 1426.4 | 1423.7 |
| 7.5° | 1317.5 | 1316.6 | 1310.6 | 1310.7 | 1310.6 | 1316.6 | 1317.5 | 1322.8 | 1328.9 | 1334.8 | 1341.7 |
| 10° | 1263.1 | 1263.7 | 1255.6 | 1250.8 | 1255.6 | 1263.7 | 1263.1 | 1267.8 | 1276.7 | 1281.4 | 1286.2 |
| 12.5° | 1210.3 | 1207.1 | 1200.6 | 1195.3 | 1200.6 | 1207.1 | 1210.3 | 1213.9 | 1226.0 | 1231.4 | 1240.5 |
| 15° | 1140.6 | 1133.8 | 1117.4 | 1118.8 | 1117.4 | 1133.8 | 1140.6 | 1137.9 | 1150.1 | 1156.9 | 1159.6 |
| 17.5° | 1058.5 | 1053.5 | 1053.2 | 1043.7 | 1053.2 | 1053.5 | 1058.5 | 1063.9 | 1074.6 | 1081.9 | 1101.4 |
| 20° | 1010.6 | 1007.2 | 1008.5 | 999.0 | 1008.5 | 1007.2 | 1010.6 | 1021.5 | 1028.3 | 1037.8 | 1053.5 |
| 22.5° | 973.0 | 969.6 | 963.9 | 960.9 | 963.9 | 969.6 | 973.0 | 980.6 | 988.0 | 1001.3 | 1009.9 |
| 25° | 918.0 | 912.6 | 907.2 | 910.6 | 907.2 | 912.6 | 918.0 | 922.1 | 935.7 | 941.9 | 954.1 |
| 27.5° | 863.1 | 859.0 | 853.5 | 852.8 | 853.5 | 859.0 | 863.1 | 867.0 | 874.5 | 884.8 | 899.5 |
| 30° | 828.2 | 824.1 | 821.4 | 818.0 | 821.4 | 824.1 | 828.2 | 831.6 | 839.1 | 850.0 | 860.9 |
| 32.5° | 792.8 | 792.0 | 787.1 | 786.4 | 787.1 | 792.0 | 792.8 | 798.4 | 805.9 | 816.2 | 825.5 |
| 35° | 746.5 | 742.5 | 741.1 | 741.8 | 741.1 | 742.5 | 746.5 | 749.3 | 756.1 | 765.6 | 774.4 |
| 37.5° | 702.6 | 697.1 | 694.7 | 692.2 | 694.7 | 697.1 | 702.6 | 703.0 | 709.9 | 716.3 | 728.3 |
| 40° | 671.0 | 665.6 | 664.2 | 662.8 | 664.2 | 665.6 | 671.0 | 670.3 | 677.8 | 682.6 | 693.5 |
| 42.5° | 635.6 | 633.4 | 632.6 | 630.2 | 632.6 | 633.4 | 635.6 | 639.3 | 643.5 | 650.5 | 658.6 |
| 45° | 587.3 | 586.6 | 582.5 | 583.9 | 582.5 | 586.6 | 587.3 | 589.3 | 596.8 | 601.6 | 609.1 |
| 47.5° | 536.4 | 533.4 | 530.5 | 532.4 | 530.5 | 533.4 | 536.4 | 539.1 | 544.2 | 550.0 | 559.9 |
| 50° | 501.6 | 500.2 | 494.1 | 495.4 | 494.1 | 500.2 | 501.6 | 504.3 | 507.7 | 515.2 | 524.0 |
| 52.5° | 466.7 | 461.5 | 459.2 | 458.4 | 459.2 | 461.5 | 466.7 | 469.4 | 473.4 | 482.0 | 488.6 |
| 55° | 409.0 | 402.9 | 400.2 | 398.8 | 400.2 | 402.9 | 409.0 | 413.8 | 419.2 | 428.7 | 435.5 |
| 57.5° | 352.4 | 350.7 | 348.6 | 350.1 | 348.6 | 350.7 | 352.4 | 360.3 | 365.6 | 373.1 | 381.4 |
| 60° | 319.2 | 319.2 | 319.2 | 318.5 | 319.2 | 319.2 | 319.2 | 326.0 | 330.7 | 338.2 | 347.1 |
| 62.5° | 293.6 | 291.9 | 291.4 | 292.4 | 291.4 | 291.9 | 293.6 | 296.6 | 301.3 | 306.1 | 313.9 |
| 65° | 254.5 | 253.8 | 251.1 | 250.4 | 251.1 | 253.8 | 254.5 | 256.6 | 260.6 | 264.0 | 269.5 |
| 67.5° | 217.6 | 215.2 | 214.4 | 213.4 | 214.4 | 215.2 | 217.6 | 219.4 | 222.1 | 226.5 | 229.2 |
| 70° | 189.9 | 188.5 | 184.4 | 185.1 | 184.4 | 188.5 | 189.9 | 193.3 | 196.0 | 201.4 | 204.2 |
| 72.5° | 159.9 | 158.6 | 157.7 | 156.8 | 157.7 | 158.6 | 159.9 | 163.3 | 166.0 | 172.0 | 176.4 |
| 75° | 126.6 | 125.9 | 125.2 | 127.9 | 125.2 | 125.9 | 126.6 | 127.3 | 127.9 | 130.0 | 132.0 |
| 77.5° | 101.4 | 101.4 | 101.8 | 100.7 | 101.8 | 101.4 | 101.4 | 101.4 | 101.4 | 102.5 | 102.9 |
| 80° | 85.1 | 85.1 | 84.4 | 84.4 | 84.4 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 84.4 |
| 82.5° | 68.2 | 68.7 | 69.1 | 68.1 | 69.1 | 68.7 | 68.2 | 69.3 | 69.8 | 68.7 | 69.1 |
| 85° | 44.9 | 44.2 | 45.6 | 44.9 | 45.6 | 44.2 | 44.9 | 44.9 | 43.6 | 44.9 | 44.2 |
| 87.5° | 22.7 | 21.7 | 21.7 | 22.3 | 21.7 | 21.7 | 22.7 | 21.6 | 21.5 | 21.5 | 20.8 |
| 90° | 12.9 | 13.1 | 13.3 | 13.5 | 13.3 | 13.1 | 12.9 | 12.7 | 12.4 | 12.0 | 11.6 |
| 92.5° | 14.6 | 14.7 | 14.8 | 14.9 | 14.8 | 14.7 | 14.6 | 14.4 | 14.1 | 13.4 | 12.8 |
| 95° | 17.1 | 17.1 | 17.1 | 17.1 | 17.1 | 17.1 | 17.1 | 17.1 | 16.7 | 16.0 | 15.3 |
| 97.5° | 18.2 | 18.3 | 18.4 | 18.5 | 18.4 | 18.3 | 18.2 | 18.1 | 17.7 | 16.9 | 16.1 |
| 100° | 18.6 | 18.7 | 18.8 | 18.9 | 18.8 | 18.7 | 18.6 | 18.5 | 18.0 | 17.2 | 16.4 |
| 102.5° | 18.7 | 18.9 | 19.0 | 19.2 | 19.0 | 18.9 | 18.7 | 18.5 | 19.7 | 22.1 | 24.6 |
| 105° | 19.2 | 19.4 | 19.6 | 19.8 | 19.6 | 19.4 | 19.2 | 19.0 | 27.7 | 45.4 | 63.0 |
| 107.5° | 102.0 | 88.7 | 75.4 | 62.1 | 75.4 | 88.7 | 102.0 | 115.4 | 128.5 | 141.5 | 154.4 |
| 110° | 166.4 | 152.1 | 137.8 | 123.6 | 137.8 | 152.1 | 166.4 | 180.7 | 189.4 | 192.7 | 196.0 |



TEST NUMBER: P332450

CATALOG NUMBER: S123RDIW-S1000D460U835-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 221.0 | 218.0 | 215.0 | 212.0 | 215.0 | 218.0 | 221.0 | 224.0 | 225.5 | 225.4 | 225.4 |
| 115° | 263.0 | 263.4 | 263.8 | 264.2 | 263.8 | 263.4 | 263.0 | 262.6 | 261.9 | 260.9 | 259.9 |
| 117.5° | 293.2 | 293.3 | 293.4 | 293.5 | 293.4 | 293.3 | 293.2 | 293.1 | 292.7 | 291.9 | 291.1 |
| 120° | 313.6 | 313.6 | 313.6 | 313.6 | 313.6 | 313.6 | 313.6 | 313.6 | 313.2 | 312.4 | 311.6 |
| 122.5° | 333.1 | 333.2 | 333.3 | 333.4 | 333.3 | 333.2 | 333.1 | 333.0 | 332.7 | 332.2 | 331.6 |
| 125° | 360.6 | 360.8 | 361.0 | 361.2 | 361.0 | 360.8 | 360.6 | 360.4 | 360.2 | 360.0 | 359.8 |
| 127.5° | 388.6 | 388.4 | 388.2 | 388.0 | 388.2 | 388.4 | 388.6 | 388.8 | 388.7 | 388.4 | 388.1 |
| 130° | 405.8 | 405.6 | 405.4 | 405.2 | 405.4 | 405.6 | 405.8 | 406.0 | 405.9 | 405.5 | 405.1 |
| 132.5° | 421.9 | 421.6 | 421.3 | 421.1 | 421.3 | 421.6 | 421.9 | 422.2 | 422.1 | 421.7 | 421.3 |
| 135° | 446.1 | 445.8 | 445.5 | 445.2 | 445.5 | 445.8 | 446.1 | 446.4 | 446.4 | 446.1 | 445.8 |
| 137.5° | 468.6 | 468.4 | 468.2 | 468.0 | 468.2 | 468.4 | 468.6 | 468.8 | 468.6 | 468.1 | 467.7 |
| 140° | 482.2 | 482.0 | 481.8 | 481.6 | 481.8 | 482.0 | 482.2 | 482.4 | 482.3 | 481.9 | 481.5 |
| 142.5° | 495.0 | 494.8 | 494.5 | 494.2 | 494.5 | 494.8 | 495.0 | 495.3 | 495.3 | 495.0 | 494.7 |
| 145° | 513.5 | 513.5 | 513.5 | 513.5 | 513.5 | 513.5 | 513.5 | 513.5 | 513.4 | 513.2 | 513.0 |
| 147.5° | 529.3 | 528.8 | 528.4 | 527.9 | 528.4 | 528.8 | 529.3 | 529.7 | 529.9 | 529.7 | 529.5 |
| 150° | 539.6 | 539.3 | 539.0 | 538.7 | 539.0 | 539.3 | 539.6 | 539.9 | 539.9 | 539.7 | 539.5 |
| 152.5° | 548.7 | 548.2 | 547.8 | 547.3 | 547.8 | 548.2 | 548.7 | 549.1 | 549.2 | 548.8 | 548.5 |
| 155° | 561.1 | 560.5 | 559.9 | 559.4 | 559.9 | 560.5 | 561.1 | 561.7 | 561.8 | 561.3 | 560.8 |
| 157.5° | 571.8 | 571.1 | 570.3 | 569.5 | 570.3 | 571.1 | 571.8 | 572.6 | 572.7 | 572.1 | 571.5 |
| 160° | 578.1 | 577.4 | 576.7 | 576.0 | 576.7 | 577.4 | 578.1 | 578.8 | 578.8 | 578.2 | 577.6 |
| 162.5° | 583.9 | 583.3 | 582.7 | 582.1 | 582.7 | 583.3 | 583.9 | 584.6 | 584.5 | 583.9 | 583.2 |
| 165° | 591.5 | 590.9 | 590.2 | 589.5 | 590.2 | 590.9 | 591.5 | 592.2 | 592.2 | 591.4 | 590.6 |
| 167.5° | 597.1 | 596.4 | 595.6 | 594.8 | 595.6 | 596.4 | 597.1 | 597.9 | 597.9 | 597.1 | 596.4 |
| 170° | 600.4 | 599.6 | 598.8 | 598.0 | 598.8 | 599.6 | 600.4 | 601.2 | 601.2 | 600.4 | 599.6 |
| 172.5° | 602.4 | 601.5 | 600.7 | 599.8 | 600.7 | 601.5 | 602.4 | 603.3 | 603.3 | 602.5 | 601.7 |
| 175° | 604.9 | 604.1 | 603.3 | 602.5 | 603.3 | 604.1 | 604.9 | 605.7 | 605.7 | 605.0 | 604.3 |
| 177.5° | 605.7 | 604.9 | 604.1 | 603.3 | 604.1 | 604.9 | 605.7 | 606.5 | 606.6 | 605.9 | 605.3 |
| 180° | 604.7 | 604.7 | 604.7 | 604.7 | 604.7 | 604.7 | 604.7 | 604.7 | 604.7 | 604.7 | 604.7 |



TEST NUMBER: P332450

CATALOG NUMBER: S123RDIW-S1000D460U835-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1589.7 | 1589.7 | 1589.7 | 1589.7 | 1589.7 | 1589.7 | 1589.7 | 1589.7 | 1589.7 | 1589.7 | 1589.7 |
| 2.5° | 1517.3 | 1524.9 | 1532.6 | 1539.6 | 1550.5 | 1555.4 | 1562.5 | 1565.2 | 1573.4 | 1585.4 | 1595.2 |
| 5° | 1425.0 | 1435.9 | 1450.2 | 1461.8 | 1480.2 | 1494.4 | 1510.1 | 1525.1 | 1542.8 | 1567.9 | 1590.4 |
| 7.5° | 1346.8 | 1357.5 | 1374.7 | 1396.2 | 1416.5 | 1436.7 | 1458.1 | 1478.5 | 1503.8 | 1539.9 | 1575.7 |
| 10° | 1295.1 | 1308.0 | 1328.4 | 1351.5 | 1376.7 | 1396.5 | 1421.6 | 1447.5 | 1478.8 | 1520.3 | 1563.2 |
| 12.5° | 1250.4 | 1260.1 | 1283.8 | 1305.8 | 1334.3 | 1359.4 | 1384.1 | 1414.3 | 1449.9 | 1494.2 | 1545.8 |
| 15° | 1179.4 | 1193.0 | 1216.1 | 1240.6 | 1270.6 | 1297.1 | 1329.1 | 1365.8 | 1400.5 | 1455.0 | 1517.6 |
| 17.5° | 1108.0 | 1128.7 | 1152.8 | 1180.5 | 1202.6 | 1239.2 | 1274.0 | 1311.7 | 1354.4 | 1412.1 | 1480.8 |
| 20° | 1062.3 | 1078.6 | 1101.1 | 1141.3 | 1170.5 | 1198.4 | 1230.4 | 1277.4 | 1316.8 | 1382.2 | 1453.6 |
| 22.5° | 1023.7 | 1035.6 | 1060.8 | 1093.9 | 1128.1 | 1160.3 | 1192.8 | 1237.6 | 1286.3 | 1348.4 | 1425.9 |
| 25° | 966.4 | 985.4 | 1004.5 | 1028.3 | 1065.0 | 1103.8 | 1139.2 | 1177.3 | 1229.0 | 1295.1 | 1378.8 |
| 27.5° | 910.4 | 927.7 | 946.5 | 975.7 | 1003.6 | 1039.9 | 1076.9 | 1120.6 | 1176.1 | 1245.9 | 1330.8 |
| 30° | 874.5 | 887.4 | 905.1 | 942.5 | 967.7 | 999.0 | 1042.6 | 1081.4 | 1133.1 | 1207.3 | 1297.1 |
| 32.5° | 837.5 | 854.2 | 873.5 | 902.3 | 933.4 | 963.1 | 1002.8 | 1044.9 | 1097.7 | 1170.8 | 1262.8 |
| 35° | 784.7 | 804.4 | 824.1 | 845.2 | 876.5 | 907.2 | 940.5 | 986.8 | 1040.5 | 1111.3 | 1201.8 |
| 37.5° | 736.1 | 752.0 | 768.0 | 794.2 | 823.9 | 853.0 | 884.1 | 929.7 | 980.4 | 1056.7 | 1139.8 |
| 40° | 705.0 | 719.3 | 731.6 | 758.8 | 787.4 | 818.7 | 849.3 | 889.5 | 943.9 | 1015.4 | 1095.7 |
| 42.5° | 671.3 | 684.5 | 701.1 | 723.4 | 754.2 | 780.6 | 811.2 | 849.2 | 900.3 | 972.9 | 1043.4 |
| 45° | 620.6 | 635.6 | 649.9 | 671.0 | 701.6 | 727.5 | 754.7 | 790.8 | 843.2 | 903.1 | 965.7 |
| 47.5° | 568.0 | 582.9 | 599.3 | 619.7 | 646.4 | 672.6 | 699.9 | 731.8 | 779.6 | 838.4 | 880.6 |
| 50° | 534.2 | 546.5 | 562.8 | 583.2 | 607.7 | 635.6 | 660.1 | 694.8 | 740.4 | 786.7 | 823.4 |
| 52.5° | 499.4 | 510.5 | 529.0 | 550.6 | 573.4 | 597.5 | 623.6 | 653.4 | 694.7 | 738.2 | 767.4 |
| 55° | 445.1 | 458.7 | 474.3 | 495.4 | 517.9 | 538.3 | 563.5 | 594.1 | 626.8 | 659.4 | 679.2 |
| 57.5° | 394.3 | 405.6 | 418.8 | 440.6 | 460.0 | 484.4 | 507.0 | 530.8 | 561.0 | 585.7 | 598.6 |
| 60° | 357.3 | 367.5 | 384.5 | 403.6 | 421.9 | 443.0 | 468.9 | 492.7 | 515.8 | 535.6 | 545.8 |
| 62.5° | 322.4 | 334.3 | 349.1 | 366.5 | 386.5 | 406.6 | 429.1 | 449.2 | 469.6 | 486.6 | 493.5 |
| 65° | 277.0 | 286.5 | 297.4 | 313.7 | 330.1 | 350.5 | 368.2 | 388.6 | 403.6 | 413.1 | 419.2 |
| 67.5° | 235.6 | 241.9 | 250.2 | 261.1 | 277.1 | 294.9 | 312.1 | 328.0 | 340.5 | 347.1 | 352.5 |
| 70° | 208.9 | 213.0 | 219.1 | 230.0 | 242.3 | 257.9 | 275.6 | 287.2 | 298.1 | 303.5 | 309.0 |
| 72.5° | 182.2 | 187.4 | 193.0 | 201.7 | 211.8 | 223.1 | 235.9 | 250.2 | 256.2 | 262.7 | 266.0 |
| 75° | 138.1 | 145.6 | 153.1 | 158.6 | 165.4 | 174.2 | 185.8 | 194.6 | 198.0 | 203.5 | 204.2 |
| 77.5° | 104.3 | 105.9 | 111.3 | 118.1 | 123.9 | 130.3 | 137.6 | 145.5 | 147.1 | 150.0 | 151.8 |
| 80° | 85.7 | 85.7 | 85.7 | 89.8 | 96.6 | 101.4 | 108.2 | 112.3 | 115.0 | 115.7 | 116.4 |
| 82.5° | 68.9 | 68.9 | 68.3 | 69.1 | 71.6 | 74.2 | 80.4 | 85.1 | 87.2 | 86.8 | 85.3 |
| 85° | 44.9 | 43.6 | 43.6 | 42.9 | 43.6 | 42.2 | 41.5 | 44.2 | 48.3 | 48.3 | 47.0 |
| 87.5° | 20.7 | 20.1 | 20.4 | 19.6 | 18.8 | 18.0 | 16.1 | 16.5 | 16.3 | 18.3 | 17.5 |
| 90° | 11.2 | 10.8 | 9.5 | 8.2 | 6.9 | 5.6 | 4.4 | 3.4 | 2.4 | 1.4 | 0.4 |
| 92.5° | 12.1 | 11.5 | 10.5 | 9.5 | 8.6 | 7.6 | 7.2 | 7.5 | 7.8 | 8.1 | 8.4 |
| 95° | 14.6 | 13.9 | 12.8 | 11.7 | 10.6 | 9.5 | 11.0 | 15.1 | 19.2 | 23.3 | 27.4 |
| 97.5° | 15.3 | 14.5 | 21.7 | 28.8 | 36.0 | 43.2 | 47.7 | 49.6 | 51.4 | 53.2 | 55.1 |
| 100° | 15.6 | 14.8 | 30.4 | 46.0 | 61.6 | 77.1 | 83.9 | 81.9 | 79.9 | 77.9 | 75.9 |
| 102.5° | 27.1 | 29.6 | 46.6 | 63.6 | 80.6 | 97.6 | 105.4 | 104.0 | 102.5 | 101.1 | 99.6 |
| 105° | 80.7 | 98.4 | 107.4 | 116.4 | 125.3 | 134.3 | 138.3 | 137.2 | 136.1 | 135.0 | 133.9 |
| 107.5° | 167.4 | 180.3 | 178.9 | 177.5 | 176.1 | 174.7 | 173.5 | 172.6 | 171.8 | 170.9 | 170.0 |
| 110° | 199.3 | 202.6 | 201.5 | 200.4 | 199.3 | 198.2 | 197.3 | 196.5 | 195.7 | 194.9 | 194.1 |



TEST NUMBER: P332450

CATALOG NUMBER: S123RDIW-S1000D460U835-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 225.3 | 225.3 | 224.2 | 223.1 | 222.0 | 220.9 | 220.0 | 219.2 | 218.5 | 217.8 | 217.1 |
| 115° | 258.9 | 257.9 | 257.0 | 256.1 | 255.2 | 254.3 | 253.5 | 252.9 | 252.3 | 251.7 | 251.1 |
| 117.5° | 290.3 | 289.5 | 289.1 | 288.6 | 288.1 | 287.7 | 287.1 | 286.3 | 285.6 | 284.9 | 284.1 |
| 120° | 310.8 | 310.0 | 309.7 | 309.4 | 309.1 | 308.8 | 308.2 | 307.3 | 306.4 | 305.5 | 304.6 |
| 122.5° | 331.0 | 330.5 | 330.1 | 329.7 | 329.4 | 329.0 | 328.4 | 327.7 | 326.9 | 326.2 | 325.5 |
| 125° | 359.6 | 359.4 | 359.0 | 358.6 | 358.2 | 357.8 | 357.2 | 356.4 | 355.6 | 354.8 | 354.0 |
| 127.5° | 387.8 | 387.5 | 387.0 | 386.5 | 386.0 | 385.5 | 384.9 | 384.1 | 383.3 | 382.5 | 381.7 |
| 130° | 404.7 | 404.3 | 404.0 | 403.6 | 403.2 | 402.8 | 402.2 | 401.4 | 400.6 | 399.8 | 399.0 |
| 132.5° | 420.9 | 420.5 | 420.2 | 419.9 | 419.6 | 419.2 | 418.7 | 417.9 | 417.1 | 416.3 | 415.5 |
| 135° | 445.5 | 445.2 | 444.8 | 444.4 | 444.0 | 443.6 | 443.1 | 442.5 | 441.9 | 441.3 | 440.7 |
| 137.5° | 467.2 | 466.7 | 466.5 | 466.3 | 466.1 | 465.8 | 465.3 | 464.6 | 463.8 | 463.1 | 462.3 |
| 140° | 481.1 | 480.7 | 480.4 | 480.1 | 479.8 | 479.5 | 479.1 | 478.5 | 477.9 | 477.3 | 476.7 |
| 142.5° | 494.3 | 494.0 | 493.7 | 493.4 | 493.1 | 492.8 | 492.4 | 491.8 | 491.2 | 490.6 | 490.0 |
| 145° | 512.8 | 512.6 | 512.4 | 512.2 | 512.0 | 511.8 | 511.4 | 510.7 | 510.0 | 509.3 | 508.6 |
| 147.5° | 529.3 | 529.1 | 528.9 | 528.7 | 528.5 | 528.3 | 527.9 | 527.5 | 527.0 | 526.6 | 526.1 |
| 150° | 539.3 | 539.1 | 538.9 | 538.7 | 538.5 | 538.3 | 538.1 | 537.8 | 537.5 | 537.2 | 536.9 |
| 152.5° | 548.1 | 547.8 | 547.6 | 547.5 | 547.4 | 547.3 | 547.2 | 547.0 | 546.9 | 546.7 | 546.6 |
| 155° | 560.3 | 559.8 | 559.7 | 559.6 | 559.5 | 559.4 | 559.5 | 559.7 | 559.8 | 560.0 | 560.2 |
| 157.5° | 570.9 | 570.3 | 570.4 | 570.5 | 570.6 | 570.7 | 570.8 | 570.8 | 570.8 | 570.8 | 570.9 |
| 160° | 577.0 | 576.4 | 576.5 | 576.6 | 576.7 | 576.8 | 576.9 | 577.0 | 577.1 | 577.2 | 577.3 |
| 162.5° | 582.5 | 581.8 | 581.9 | 582.0 | 582.1 | 582.2 | 582.4 | 582.7 | 582.9 | 583.2 | 583.4 |
| 165° | 589.8 | 589.0 | 589.1 | 589.2 | 589.3 | 589.4 | 589.6 | 589.9 | 590.2 | 590.5 | 590.8 |
| 167.5° | 595.6 | 594.8 | 594.8 | 594.8 | 594.8 | 594.8 | 595.0 | 595.4 | 595.8 | 596.2 | 596.6 |
| 170° | 598.8 | 598.0 | 598.0 | 598.0 | 598.0 | 598.0 | 598.2 | 598.6 | 599.0 | 599.4 | 599.8 |
| 172.5° | 600.9 | 600.1 | 600.1 | 600.0 | 599.9 | 599.8 | 600.0 | 600.5 | 601.0 | 601.5 | 601.9 |
| 175° | 603.6 | 602.9 | 602.8 | 602.7 | 602.6 | 602.5 | 602.7 | 603.2 | 603.7 | 604.2 | 604.7 |
| 177.5° | 604.6 | 604.0 | 603.9 | 603.8 | 603.8 | 603.7 | 603.8 | 604.2 | 604.6 | 605.0 | 605.4 |
| 180° | 604.7 | 604.7 | 604.7 | 604.7 | 604.7 | 604.7 | 604.7 | 604.7 | 604.7 | 604.7 | 604.7 |



TEST NUMBER: P332450

CATALOG NUMBER: S123RDIW-S1000D460U835-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1589.7 | 1589.7 | 1589.7 | 1589.7 | 1589.7 | 1589.7 | 1589.7 | 1589.7 | 1589.7 | 1589.7 | 1589.7 |
| 2.5° | 1598.4 | 1604.4 | 1612.0 | 1623.5 | 1632.2 | 1639.8 | 1641.4 | 1643.6 | 1649.1 | 1658.3 | 1665.4 |
| 5° | 1608.8 | 1624.4 | 1649.6 | 1674.1 | 1700.7 | 1722.4 | 1742.8 | 1757.1 | 1770.7 | 1799.3 | 1822.5 |
| 7.5° | 1605.5 | 1640.4 | 1679.8 | 1723.8 | 1768.3 | 1811.4 | 1851.5 | 1887.3 | 1922.9 | 1964.6 | 2012.1 |
| 10° | 1603.3 | 1644.2 | 1697.2 | 1753.7 | 1815.7 | 1876.2 | 1934.8 | 1980.4 | 2033.4 | 2081.1 | 2141.6 |
| 12.5° | 1593.0 | 1651.8 | 1715.2 | 1787.5 | 1863.6 | 1933.4 | 2010.4 | 2073.4 | 2134.2 | 2203.0 | 2273.4 |
| 15° | 1579.5 | 1651.0 | 1731.3 | 1827.2 | 1942.9 | 2027.3 | 2106.2 | 2215.8 | 2290.7 | 2365.5 | 2466.3 |
| 17.5° | 1554.9 | 1642.1 | 1742.4 | 1867.1 | 1963.6 | 2077.0 | 2195.8 | 2282.4 | 2383.2 | 2488.7 | 2579.9 |
| 20° | 1535.3 | 1636.7 | 1749.0 | 1871.5 | 1994.6 | 2117.8 | 2232.8 | 2336.3 | 2440.4 | 2562.2 | 2637.1 |
| 22.5° | 1515.7 | 1616.0 | 1732.6 | 1862.8 | 1995.2 | 2124.9 | 2255.1 | 2376.6 | 2493.7 | 2616.6 | 2712.2 |
| 25° | 1474.0 | 1593.1 | 1719.7 | 1852.4 | 1983.1 | 2126.0 | 2281.1 | 2416.6 | 2561.5 | 2688.1 | 2778.6 |
| 27.5° | 1431.8 | 1541.0 | 1667.0 | 1801.6 | 1946.9 | 2115.8 | 2298.3 | 2452.2 | 2597.5 | 2688.1 | 2716.6 |
| 30° | 1393.7 | 1509.4 | 1625.1 | 1761.9 | 1919.1 | 2107.6 | 2301.6 | 2477.8 | 2596.9 | 2636.4 | 2607.1 |
| 32.5° | 1355.1 | 1459.9 | 1574.5 | 1714.5 | 1881.5 | 2087.5 | 2305.9 | 2462.6 | 2534.3 | 2504.1 | 2385.0 |
| 35° | 1286.9 | 1381.5 | 1492.4 | 1632.6 | 1824.5 | 2076.3 | 2288.0 | 2394.1 | 2376.4 | 2206.3 | 1981.7 |
| 37.5° | 1213.9 | 1291.0 | 1393.7 | 1540.3 | 1765.4 | 2032.1 | 2210.6 | 2226.3 | 2073.2 | 1812.0 | 1552.6 |
| 40° | 1156.2 | 1225.6 | 1331.1 | 1484.2 | 1719.7 | 1988.5 | 2132.8 | 2069.5 | 1832.0 | 1541.4 | 1325.0 |
| 42.5° | 1100.1 | 1158.7 | 1260.3 | 1425.4 | 1676.2 | 1929.2 | 2016.8 | 1879.0 | 1605.0 | 1330.2 | 1133.4 |
| 45° | 1005.1 | 1060.3 | 1162.3 | 1331.8 | 1587.0 | 1815.7 | 1804.1 | 1564.5 | 1290.3 | 1069.1 | 905.8 |
| 47.5° | 915.0 | 963.2 | 1059.0 | 1232.0 | 1482.3 | 1645.5 | 1537.3 | 1282.4 | 1049.8 | 872.3 | 755.8 |
| 50° | 851.3 | 899.0 | 994.3 | 1165.1 | 1398.5 | 1517.6 | 1363.1 | 1117.4 | 904.4 | 757.4 | 664.9 |
| 52.5° | 790.4 | 836.9 | 924.0 | 1090.5 | 1297.2 | 1368.4 | 1202.5 | 974.8 | 797.2 | 670.3 | 590.8 |
| 55° | 705.0 | 740.4 | 818.7 | 977.9 | 1132.4 | 1148.7 | 980.6 | 790.1 | 643.8 | 555.3 | 500.9 |
| 57.5° | 618.1 | 648.5 | 725.9 | 852.7 | 961.0 | 952.6 | 793.2 | 628.4 | 529.9 | 464.1 | 424.7 |
| 60° | 561.4 | 591.4 | 659.4 | 768.3 | 850.0 | 821.4 | 675.1 | 542.4 | 458.0 | 409.7 | 378.4 |
| 62.5° | 508.6 | 532.0 | 595.7 | 675.2 | 734.0 | 701.6 | 577.1 | 467.3 | 400.3 | 359.6 | 334.8 |
| 65° | 432.1 | 451.2 | 502.2 | 543.7 | 576.4 | 545.1 | 441.7 | 365.4 | 317.1 | 288.5 | 271.5 |
| 67.5° | 359.5 | 371.6 | 403.8 | 418.8 | 441.8 | 407.5 | 332.1 | 281.1 | 253.6 | 229.5 | 217.6 |
| 70° | 313.7 | 322.6 | 339.6 | 351.8 | 358.0 | 322.6 | 266.8 | 229.3 | 206.2 | 189.2 | 181.7 |
| 72.5° | 268.0 | 275.8 | 279.2 | 289.2 | 286.1 | 252.9 | 214.5 | 184.7 | 168.1 | 156.5 | 146.9 |
| 75° | 204.8 | 208.2 | 204.8 | 200.8 | 191.9 | 168.8 | 142.2 | 127.3 | 115.0 | 109.6 | 106.2 |
| 77.5° | 149.3 | 148.2 | 143.6 | 137.2 | 122.1 | 107.5 | 93.2 | 88.2 | 82.9 | 80.0 | 78.8 |
| 80° | 115.0 | 112.3 | 108.2 | 98.0 | 85.1 | 74.9 | 71.5 | 68.1 | 66.0 | 62.6 | 61.9 |
| 82.5° | 85.6 | 84.0 | 77.2 | 68.6 | 59.5 | 54.7 | 51.9 | 50.6 | 48.6 | 46.8 | 46.7 |
| 85° | 45.6 | 43.6 | 36.1 | 31.3 | 29.9 | 28.6 | 27.9 | 27.9 | 25.2 | 24.5 | 24.5 |
| 87.5° | 15.0 | 11.9 | 11.6 | 10.1 | 10.4 | 9.5 | 10.3 | 9.5 | 9.2 | 9.9 | 8.8 |
| 90° | 1.4 | 2.4 | 3.4 | 4.4 | 5.6 | 6.9 | 8.2 | 9.5 | 10.8 | 11.2 | 11.6 |
| 92.5° | 8.1 | 7.8 | 7.5 | 7.2 | 7.6 | 8.6 | 9.5 | 10.5 | 11.5 | 12.1 | 12.8 |
| 95° | 23.3 | 19.2 | 15.1 | 11.0 | 9.5 | 10.6 | 11.7 | 12.8 | 13.9 | 14.6 | 15.3 |
| 97.5° | 53.2 | 51.4 | 49.6 | 47.7 | 43.2 | 36.0 | 28.8 | 21.7 | 14.5 | 15.3 | 16.1 |
| 100° | 77.9 | 79.9 | 81.9 | 83.9 | 77.1 | 61.6 | 46.0 | 30.4 | 14.8 | 15.6 | 16.4 |
| 102.5° | 101.1 | 102.5 | 104.0 | 105.4 | 97.6 | 80.6 | 63.6 | 46.6 | 29.6 | 27.1 | 24.6 |
| 105° | 135.0 | 136.1 | 137.2 | 138.3 | 134.3 | 125.3 | 116.4 | 107.4 | 98.4 | 80.7 | 63.0 |
| 107.5° | 170.9 | 171.8 | 172.6 | 173.5 | 174.7 | 176.1 | 177.5 | 178.9 | 180.3 | 167.4 | 154.4 |
| 110° | 194.9 | 195.7 | 196.5 | 197.3 | 198.2 | 199.3 | 200.4 | 201.5 | 202.6 | 199.3 | 196.0 |



TEST NUMBER: P332450

CATALOG NUMBER: S123RDIW-S1000D460U835-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 217.8 | 218.5 | 219.2 | 220.0 | 220.9 | 222.0 | 223.1 | 224.2 | 225.3 | 225.3 | 225.4 |
| 115° | 251.7 | 252.3 | 252.9 | 253.5 | 254.3 | 255.2 | 256.1 | 257.0 | 257.9 | 258.9 | 259.9 |
| 117.5° | 284.9 | 285.6 | 286.3 | 287.1 | 287.7 | 288.1 | 288.6 | 289.1 | 289.5 | 290.3 | 291.1 |
| 120° | 305.5 | 306.4 | 307.3 | 308.2 | 308.8 | 309.1 | 309.4 | 309.7 | 310.0 | 310.8 | 311.6 |
| 122.5° | 326.2 | 326.9 | 327.7 | 328.4 | 329.0 | 329.4 | 329.7 | 330.1 | 330.5 | 331.0 | 331.6 |
| 125° | 354.8 | 355.6 | 356.4 | 357.2 | 357.8 | 358.2 | 358.6 | 359.0 | 359.4 | 359.6 | 359.8 |
| 127.5° | 382.5 | 383.3 | 384.1 | 384.9 | 385.5 | 386.0 | 386.5 | 387.0 | 387.5 | 387.8 | 388.1 |
| 130° | 399.8 | 400.6 | 401.4 | 402.2 | 402.8 | 403.2 | 403.6 | 404.0 | 404.3 | 404.7 | 405.1 |
| 132.5° | 416.3 | 417.1 | 417.9 | 418.7 | 419.2 | 419.6 | 419.9 | 420.2 | 420.5 | 420.9 | 421.3 |
| 135° | 441.3 | 441.9 | 442.5 | 443.1 | 443.6 | 444.0 | 444.4 | 444.8 | 445.2 | 445.5 | 445.8 |
| 137.5° | 463.1 | 463.8 | 464.6 | 465.3 | 465.8 | 466.1 | 466.3 | 466.5 | 466.7 | 467.2 | 467.7 |
| 140° | 477.3 | 477.9 | 478.5 | 479.1 | 479.5 | 479.8 | 480.1 | 480.4 | 480.7 | 481.1 | 481.5 |
| 142.5° | 490.6 | 491.2 | 491.8 | 492.4 | 492.8 | 493.1 | 493.4 | 493.7 | 494.0 | 494.3 | 494.7 |
| 145° | 509.3 | 510.0 | 510.7 | 511.4 | 511.8 | 512.0 | 512.2 | 512.4 | 512.6 | 512.8 | 513.0 |
| 147.5° | 526.6 | 527.0 | 527.5 | 527.9 | 528.3 | 528.5 | 528.7 | 528.9 | 529.1 | 529.3 | 529.5 |
| 150° | 537.2 | 537.5 | 537.8 | 538.1 | 538.3 | 538.5 | 538.7 | 538.9 | 539.1 | 539.3 | 539.5 |
| 152.5° | 546.7 | 546.9 | 547.0 | 547.2 | 547.3 | 547.4 | 547.5 | 547.6 | 547.8 | 548.1 | 548.5 |
| 155° | 560.0 | 559.8 | 559.7 | 559.5 | 559.4 | 559.5 | 559.6 | 559.7 | 559.8 | 560.3 | 560.8 |
| 157.5° | 570.8 | 570.8 | 570.8 | 570.8 | 570.7 | 570.6 | 570.5 | 570.4 | 570.3 | 570.9 | 571.5 |
| 160° | 577.2 | 577.1 | 577.0 | 576.9 | 576.8 | 576.7 | 576.6 | 576.5 | 576.4 | 577.0 | 577.6 |
| 162.5° | 583.2 | 582.9 | 582.7 | 582.4 | 582.2 | 582.1 | 582.0 | 581.9 | 581.8 | 582.5 | 583.2 |
| 165° | 590.5 | 590.2 | 589.9 | 589.6 | 589.4 | 589.3 | 589.2 | 589.1 | 589.0 | 589.8 | 590.6 |
| 167.5° | 596.2 | 595.8 | 595.4 | 595.0 | 594.8 | 594.8 | 594.8 | 594.8 | 594.8 | 595.6 | 596.4 |
| 170° | 599.4 | 599.0 | 598.6 | 598.2 | 598.0 | 598.0 | 598.0 | 598.0 | 598.0 | 598.8 | 599.6 |
| 172.5° | 601.5 | 601.0 | 600.5 | 600.0 | 599.8 | 599.9 | 600.0 | 600.1 | 600.1 | 600.9 | 601.7 |
| 175° | 604.2 | 603.7 | 603.2 | 602.7 | 602.5 | 602.6 | 602.7 | 602.8 | 602.9 | 603.6 | 604.3 |
| 177.5° | 605.0 | 604.6 | 604.2 | 603.8 | 603.7 | 603.8 | 603.8 | 603.9 | 604.0 | 604.6 | 605.3 |
| 180° | 604.7 | 604.7 | 604.7 | 604.7 | 604.7 | 604.7 | 604.7 | 604.7 | 604.7 | 604.7 | 604.7 |



TEST NUMBER: P332450

CATALOG NUMBER: S123RDIW-S1000D460U835-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1589.7 | 1589.7 | 1589.7 | 1589.7 | 1589.7 | 1589.7 | 1589.7 |
| 2.5° | 1676.8 | 1676.8 | 1679.0 | 1687.2 | 1688.3 | 1695.3 | 1693.2 |
| 5° | 1842.9 | 1855.8 | 1860.6 | 1881.0 | 1893.2 | 1898.7 | 1887.8 |
| 7.5° | 2046.0 | 2082.4 | 2099.7 | 2121.1 | 2140.0 | 2145.7 | 2130.9 |
| 10° | 2194.0 | 2232.1 | 2264.1 | 2283.9 | 2302.2 | 2314.5 | 2330.1 |
| 12.5° | 2337.2 | 2384.0 | 2414.4 | 2442.3 | 2461.2 | 2476.7 | 2479.3 |
| 15° | 2492.8 | 2563.6 | 2617.3 | 2656.8 | 2676.5 | 2686.7 | 2682.7 |
| 17.5° | 2649.7 | 2715.3 | 2753.6 | 2793.9 | 2821.2 | 2822.6 | 2823.4 |
| 20° | 2738.5 | 2802.4 | 2846.7 | 2876.6 | 2907.2 | 2905.9 | 2912.7 |
| 22.5° | 2797.8 | 2848.2 | 2882.1 | 2903.8 | 2914.3 | 2909.1 | 2910.5 |
| 25° | 2825.6 | 2840.5 | 2834.4 | 2799.7 | 2790.9 | 2758.9 | 2764.3 |
| 27.5° | 2682.4 | 2611.6 | 2538.4 | 2444.2 | 2369.9 | 2310.5 | 2313.5 |
| 30° | 2488.0 | 2362.8 | 2219.9 | 2100.1 | 1992.6 | 1962.7 | 1898.7 |
| 32.5° | 2216.4 | 2028.5 | 1861.1 | 1749.5 | 1657.2 | 1632.2 | 1576.4 |
| 35° | 1755.8 | 1573.4 | 1401.2 | 1297.8 | 1256.9 | 1199.8 | 1199.1 |
| 37.5° | 1364.7 | 1204.1 | 1113.1 | 1035.5 | 994.8 | 960.2 | 956.8 |
| 40° | 1148.1 | 1022.8 | 954.1 | 898.3 | 858.2 | 832.3 | 826.2 |
| 42.5° | 996.7 | 895.4 | 831.1 | 796.5 | 765.6 | 752.3 | 742.3 |
| 45° | 813.9 | 745.9 | 700.9 | 669.6 | 655.4 | 645.1 | 639.7 |
| 47.5° | 680.8 | 635.2 | 604.6 | 583.8 | 572.2 | 561.4 | 564.3 |
| 50° | 608.4 | 571.0 | 548.5 | 528.8 | 519.9 | 512.4 | 513.1 |
| 52.5° | 550.1 | 516.5 | 498.4 | 484.1 | 473.1 | 467.8 | 465.2 |
| 55° | 466.8 | 445.7 | 427.4 | 417.2 | 411.0 | 403.6 | 401.5 |
| 57.5° | 398.2 | 381.9 | 366.9 | 355.4 | 353.9 | 346.7 | 347.6 |
| 60° | 352.5 | 338.9 | 326.7 | 320.5 | 315.8 | 309.6 | 311.7 |
| 62.5° | 315.0 | 303.5 | 292.4 | 287.3 | 282.6 | 278.1 | 279.0 |
| 65° | 257.9 | 247.0 | 240.2 | 237.5 | 235.5 | 233.4 | 231.4 |
| 67.5° | 205.5 | 198.9 | 194.6 | 188.8 | 184.6 | 183.9 | 181.8 |
| 70° | 172.9 | 164.0 | 156.5 | 149.0 | 147.0 | 146.3 | 147.0 |
| 72.5° | 138.6 | 133.0 | 130.9 | 127.3 | 126.9 | 125.1 | 126.3 |
| 75° | 104.1 | 102.1 | 100.7 | 98.0 | 98.0 | 98.0 | 98.0 |
| 77.5° | 76.8 | 75.5 | 74.7 | 74.2 | 73.5 | 72.5 | 72.4 |
| 80° | 59.9 | 59.2 | 57.8 | 57.8 | 57.2 | 57.8 | 57.2 |
| 82.5° | 45.2 | 45.1 | 43.7 | 43.7 | 43.0 | 42.6 | 43.0 |
| 85° | 23.1 | 22.5 | 23.8 | 22.5 | 23.1 | 21.8 | 23.1 |
| 87.5° | 8.9 | 9.0 | 8.5 | 8.6 | 8.1 | 9.2 | 8.1 |
| 90° | 12.0 | 12.4 | 12.7 | 12.9 | 13.1 | 13.3 | 13.5 |
| 92.5° | 13.4 | 14.1 | 14.4 | 14.6 | 14.7 | 14.8 | 14.9 |
| 95° | 16.0 | 16.7 | 17.1 | 17.1 | 17.1 | 17.1 | 17.1 |
| 97.5° | 16.9 | 17.7 | 18.1 | 18.2 | 18.3 | 18.4 | 18.5 |
| 100° | 17.2 | 18.0 | 18.5 | 18.6 | 18.7 | 18.8 | 18.9 |
| 102.5° | 22.1 | 19.7 | 18.5 | 18.7 | 18.9 | 19.0 | 19.2 |
| 105° | 45.4 | 27.7 | 19.0 | 19.2 | 19.4 | 19.6 | 19.8 |
| 107.5° | 141.5 | 128.5 | 115.4 | 102.0 | 88.7 | 75.4 | 62.1 |
| 110° | 192.7 | 189.4 | 180.7 | 166.4 | 152.1 | 137.8 | 123.6 |



TEST NUMBER: P332450

CATALOG NUMBER: S123RDIW-S1000D460U835-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 225.4 | 225.5 | 224.0 | 221.0 | 218.0 | 215.0 | 212.0 |
| 115° | 260.9 | 261.9 | 262.6 | 263.0 | 263.4 | 263.8 | 264.2 |
| 117.5° | 291.9 | 292.7 | 293.1 | 293.2 | 293.3 | 293.4 | 293.5 |
| 120° | 312.4 | 313.2 | 313.6 | 313.6 | 313.6 | 313.6 | 313.6 |
| 122.5° | 332.2 | 332.7 | 333.0 | 333.1 | 333.2 | 333.3 | 333.4 |
| 125° | 360.0 | 360.2 | 360.4 | 360.6 | 360.8 | 361.0 | 361.2 |
| 127.5° | 388.4 | 388.7 | 388.8 | 388.6 | 388.4 | 388.2 | 388.0 |
| 130° | 405.5 | 405.9 | 406.0 | 405.8 | 405.6 | 405.4 | 405.2 |
| 132.5° | 421.7 | 422.1 | 422.2 | 421.9 | 421.6 | 421.3 | 421.1 |
| 135° | 446.1 | 446.4 | 446.4 | 446.1 | 445.8 | 445.5 | 445.2 |
| 137.5° | 468.1 | 468.6 | 468.8 | 468.6 | 468.4 | 468.2 | 468.0 |
| 140° | 481.9 | 482.3 | 482.4 | 482.2 | 482.0 | 481.8 | 481.6 |
| 142.5° | 495.0 | 495.3 | 495.3 | 495.0 | 494.8 | 494.5 | 494.2 |
| 145° | 513.2 | 513.4 | 513.5 | 513.5 | 513.5 | 513.5 | 513.5 |
| 147.5° | 529.7 | 529.9 | 529.7 | 529.3 | 528.8 | 528.4 | 527.9 |
| 150° | 539.7 | 539.9 | 539.9 | 539.6 | 539.3 | 539.0 | 538.7 |
| 152.5° | 548.8 | 549.2 | 549.1 | 548.7 | 548.2 | 547.8 | 547.3 |
| 155° | 561.3 | 561.8 | 561.7 | 561.1 | 560.5 | 559.9 | 559.4 |
| 157.5° | 572.1 | 572.7 | 572.6 | 571.8 | 571.1 | 570.3 | 569.5 |
| 160° | 578.2 | 578.8 | 578.8 | 578.1 | 577.4 | 576.7 | 576.0 |
| 162.5° | 583.9 | 584.5 | 584.6 | 583.9 | 583.3 | 582.7 | 582.1 |
| 165° | 591.4 | 592.2 | 592.2 | 591.5 | 590.9 | 590.2 | 589.5 |
| 167.5° | 597.1 | 597.9 | 597.9 | 597.1 | 596.4 | 595.6 | 594.8 |
| 170° | 600.4 | 601.2 | 601.2 | 600.4 | 599.6 | 598.8 | 598.0 |
| 172.5° | 602.5 | 603.3 | 603.3 | 602.4 | 601.5 | 600.7 | 599.8 |
| 175° | 605.0 | 605.7 | 605.7 | 604.9 | 604.1 | 603.3 | 602.5 |
| 177.5° | 605.9 | 606.6 | 606.5 | 605.7 | 604.9 | 604.1 | 603.3 |
| 180° | 604.7 | 604.7 | 604.7 | 604.7 | 604.7 | 604.7 | 604.7 |

(END OF REPORT)