

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: P331854-840

Luminaire Tested: **S122RDIW-S1005D970U840-4F0-1E-UDD-A1**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P331854-840  
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-8,  
Test Lab: INNOVATION CENTER  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: NEO-RAY  
Catalog Number: S122RDIW-S1005D970U840-4F0-1E-UDD-A1  
Description: DEFINE 2 DIRECT-INDIRECT WALL MOUNT LED LUMINAIRE  
DOWNLIGHT 1005 LUMENS PER FOOT, ASYMMETRIC DIFFUSER, REGRESSED HOUSING  
UPLIGHT 970 LUMENS PER FOOT, FLUSH SATIN WHITE DIFFUSER  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

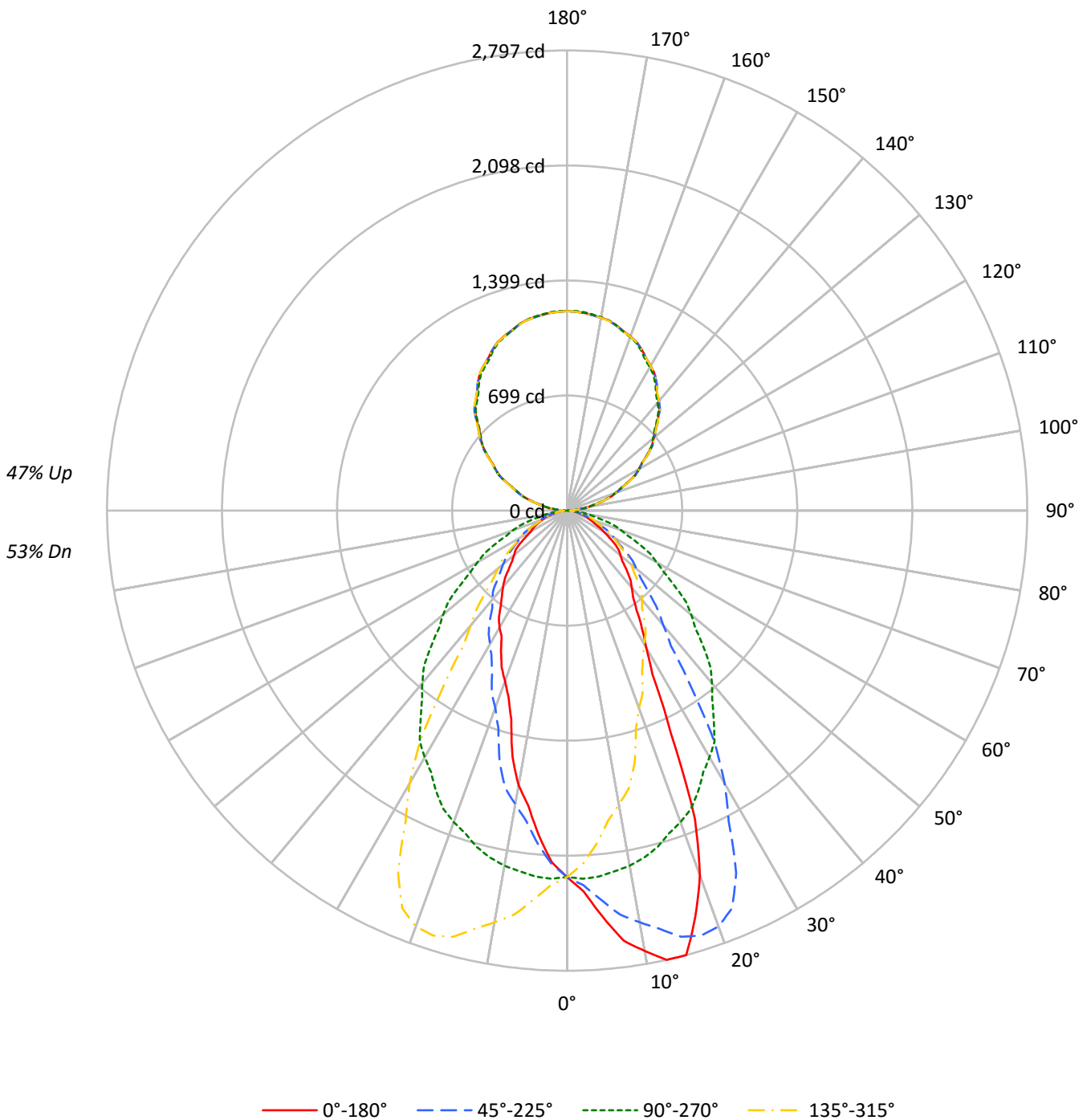
Lumens per Lamp: N/A  
Luminaire Lumens: 7243.1 lumens  
Efficiency: N/A  
Efficacy: 107.5 lumens/watt  
Spacing Criteria (0/90/45): 0.86 / 1.16 / 1.02  
Luminous Opening: Rectangular (W 4' x L: 0.17' x H: 0')  
CIE Type: General Diffuse  
  
Input Watts (W): 67.4  
Input Voltage (V): 120  
Input Current (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: P331854-840

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### Luminous Intensity Polar Plot





TEST NUMBER: P331854-840

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

|     |     |     |     |     |     |     |     |     |    |    |    |    |    |    |    |    |    |    |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|
| RF  | 20  |     |     |     | 20  |     |     |     | 20 |    |    |    | 20 |    |    |    | 20 |    |
| RC  | 80  |     |     |     | 70  |     |     |     | 50 |    |    |    | 30 |    |    |    | 10 | 0  |
| RW  | 70  | 50  | 30  | 10  | 70  | 50  | 30  | 10  | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 0  |
| RCR |     |     |     |     |     |     |     |     |    |    |    |    |    |    |    |    |    |    |
| 0   | 108 | 108 | 108 | 108 | 100 | 100 | 100 | 100 | 85 | 85 | 85 | 72 | 72 | 72 | 59 | 59 | 59 | 53 |
| 1   | 99  | 95  | 92  | 88  | 92  | 88  | 85  | 83  | 76 | 74 | 72 | 64 | 63 | 61 | 53 | 52 | 51 | 46 |
| 2   | 91  | 84  | 78  | 74  | 84  | 78  | 73  | 69  | 67 | 64 | 61 | 57 | 55 | 52 | 48 | 46 | 45 | 40 |
| 3   | 84  | 75  | 68  | 62  | 77  | 70  | 64  | 59  | 60 | 56 | 52 | 52 | 48 | 45 | 43 | 41 | 39 | 35 |
| 4   | 77  | 67  | 59  | 54  | 71  | 63  | 56  | 51  | 54 | 49 | 45 | 47 | 43 | 40 | 39 | 37 | 35 | 31 |
| 5   | 71  | 60  | 52  | 47  | 66  | 56  | 49  | 44  | 49 | 44 | 40 | 42 | 38 | 35 | 36 | 33 | 31 | 28 |
| 6   | 66  | 54  | 47  | 41  | 61  | 51  | 44  | 39  | 45 | 39 | 35 | 39 | 35 | 31 | 33 | 30 | 28 | 25 |
| 7   | 61  | 49  | 42  | 37  | 57  | 47  | 40  | 35  | 41 | 35 | 32 | 36 | 31 | 28 | 31 | 27 | 25 | 22 |
| 8   | 57  | 45  | 38  | 33  | 53  | 43  | 36  | 31  | 38 | 32 | 28 | 33 | 29 | 26 | 28 | 25 | 23 | 20 |
| 9   | 53  | 42  | 34  | 30  | 50  | 39  | 33  | 28  | 35 | 29 | 26 | 30 | 26 | 23 | 26 | 23 | 21 | 19 |
| 10  | 50  | 38  | 31  | 27  | 47  | 36  | 30  | 26  | 32 | 27 | 23 | 28 | 24 | 21 | 25 | 21 | 19 | 17 |

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

|     | 0°    | 90°   | 180°  | 270°  |
|-----|-------|-------|-------|-------|
| 0°  | 35960 | 35960 | 35960 | 35960 |
| 5°  | 40161 | 36185 | 32083 | 36185 |
| 10° | 44558 | 35931 | 27811 | 35931 |
| 15° | 46748 | 35405 | 21912 | 35405 |
| 20° | 40527 | 34625 | 18962 | 34625 |
| 25° | 26580 | 33556 | 16930 | 33556 |
| 30° | 17890 | 32261 | 15321 | 32261 |
| 35° | 14491 | 30628 | 13819 | 30628 |
| 40° | 12886 | 28854 | 12787 | 28854 |
| 45° | 11663 | 26772 | 11415 | 26772 |
| 50° | 10613 | 24707 | 10575 | 24707 |
| 55° | 9979  | 22415 | 9847  | 22415 |
| 60° | 8344  | 20315 | 8247  | 20315 |
| 65° | 7037  | 18449 | 7981  | 18449 |
| 70° | 6500  | 16475 | 7530  | 16475 |
| 75° | 6089  | 14336 | 6949  | 14336 |
| 80° | 5616  | 11799 | 6192  | 11799 |
| 85° | 5169  | 9318  | 5446  | 9318  |



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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 211.1  | 2.9       |
| 10°-20°   | 588.3  | 8.1       |
| 20°-30°   | 758.1  | 10.5      |
| 30°-40°   | 720.4  | 9.9       |
| 40°-50°   | 617.1  | 8.5       |
| 50°-60°   | 470.0  | 6.5       |
| 60°-70°   | 297.1  | 4.1       |
| 70°-80°   | 148.4  | 2.0       |
| 80°-90°   | 43.5   | 0.6       |
| 90°-100°  | 76.8   | 1.1       |
| 100°-110° | 238.5  | 3.3       |
| 110°-120° | 407.7  | 5.6       |
| 120°-130° | 536.2  | 7.4       |
| 130°-140° | 601.8  | 8.3       |
| 140°-150° | 590.1  | 8.1       |
| 150°-160° | 494.9  | 6.8       |
| 160°-170° | 328.3  | 4.5       |
| 170°-180° | 114.7  | 1.6       |
| 0°-30°    | 1557.5 | 21.5      |
| 0°-40°    | 2277.9 | 31.4      |
| 0°-60°    | 3365.0 | 46.5      |
| 0°-90°    | 3853.9 | 53.2      |
| 90°-120°  | 723.1  | 10.0      |
| 90°-150°  | 2451.2 | 33.8      |
| 90°-180°  | 3389.0 | 46.8      |
| 0°-180°   | 7243.1 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°   | 90°  | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0°   | 2227 | 2227 | 2227 | 2227 | 2227 |      |
| 5°   | 2478 | 2233 | 1980 | 2233 | 2478 | 245  |
| 15°  | 2797 | 2118 | 1311 | 2118 | 2797 | 754  |
| 25°  | 1492 | 1884 | 950  | 1884 | 1492 | 708  |
| 35°  | 735  | 1554 | 701  | 1554 | 735  | 470  |
| 45°  | 511  | 1172 | 500  | 1172 | 511  | 395  |
| 55°  | 354  | 796  | 350  | 796  | 354  | 311  |
| 65°  | 184  | 483  | 209  | 483  | 184  | 187  |
| 75°  | 98   | 230  | 111  | 230  | 98   | 103  |
| 85°  | 28   | 50   | 29   | 50   | 28   | 31   |
| 90°  | 35   | 1    | 35   | 1    | 35   | 16   |
| 95°  | 63   | 53   | 63   | 53   | 63   | 71   |
| 105° | 227  | 220  | 227  | 220  | 227  | 239  |
| 115° | 409  | 409  | 409  | 409  | 409  | 404  |
| 125° | 597  | 595  | 597  | 595  | 597  | 532  |
| 135° | 779  | 770  | 779  | 770  | 779  | 600  |
| 145° | 945  | 935  | 945  | 935  | 945  | 590  |
| 155° | 1077 | 1069 | 1077 | 1069 | 1077 | 496  |
| 165° | 1164 | 1163 | 1164 | 1163 | 1164 | 328  |
| 175° | 1206 | 1210 | 1206 | 1210 | 1206 | 115  |
| 180° | 1212 | 1212 | 1212 | 1212 | 1212 |      |



TEST NUMBER: P331854-840

CATALOG NUMBER: S122RDIW-S1005D970U840-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 25°    | 30°    | 35°    | 40°    | 45°    | 50°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 2227.2 | 2227.2 | 2227.2 | 2227.2 | 2227.2 | 2227.2 | 2227.2 | 2227.2 | 2227.2 | 2227.2 | 2227.2 |
| 2.5°   | 2317.5 | 2319.5 | 2321.3 | 2316.9 | 2316.9 | 2313.2 | 2305.2 | 2299.0 | 2281.7 | 2279.2 | 2279.2 |
| 5°     | 2477.9 | 2476.4 | 2479.4 | 2469.4 | 2455.5 | 2452.4 | 2437.7 | 2418.3 | 2398.2 | 2375.8 | 2371.2 |
| 7.5°   | 2637.4 | 2635.0 | 2628.8 | 2627.2 | 2616.5 | 2593.0 | 2569.4 | 2544.2 | 2510.7 | 2478.1 | 2461.6 |
| 10°    | 2717.8 | 2743.4 | 2727.8 | 2700.8 | 2706.2 | 2669.9 | 2650.5 | 2617.3 | 2589.4 | 2540.6 | 2529.8 |
| 12.5°  | 2797.0 | 2807.1 | 2802.2 | 2786.8 | 2779.9 | 2754.6 | 2728.5 | 2699.6 | 2648.2 | 2604.3 | 2566.3 |
| 15°    | 2796.7 | 2811.5 | 2815.3 | 2810.7 | 2814.6 | 2813.0 | 2799.0 | 2775.1 | 2730.2 | 2682.2 | 2640.4 |
| 17.5°  | 2590.3 | 2600.5 | 2625.9 | 2643.0 | 2664.7 | 2710.6 | 2733.1 | 2742.0 | 2735.3 | 2708.0 | 2678.5 |
| 20°    | 2358.7 | 2341.7 | 2412.9 | 2449.3 | 2480.2 | 2557.6 | 2624.1 | 2649.7 | 2690.7 | 2690.0 | 2682.2 |
| 22.5°  | 2030.6 | 2034.7 | 2102.1 | 2145.4 | 2235.7 | 2313.1 | 2388.9 | 2485.1 | 2564.5 | 2616.9 | 2647.6 |
| 25°    | 1492.0 | 1521.5 | 1588.7 | 1647.6 | 1748.2 | 1892.1 | 2022.9 | 2174.5 | 2317.7 | 2430.7 | 2538.3 |
| 27.5°  | 1120.5 | 1122.8 | 1176.1 | 1230.4 | 1290.2 | 1408.2 | 1572.8 | 1753.9 | 1958.0 | 2126.5 | 2320.2 |
| 30°    | 959.6  | 954.9  | 977.3  | 1010.7 | 1061.8 | 1153.1 | 1276.9 | 1454.9 | 1658.4 | 1912.2 | 2138.2 |
| 32.5°  | 845.7  | 846.0  | 862.8  | 887.5  | 929.9  | 991.5  | 1076.3 | 1220.8 | 1413.2 | 1662.7 | 1927.7 |
| 35°    | 735.2  | 734.4  | 746.8  | 764.6  | 782.3  | 821.8  | 879.9  | 955.7  | 1088.0 | 1321.0 | 1591.9 |
| 37.5°  | 655.9  | 659.3  | 665.4  | 676.5  | 696.2  | 718.1  | 753.0  | 803.9  | 898.2  | 1035.9 | 1263.5 |
| 40°    | 611.4  | 612.9  | 621.4  | 630.7  | 642.3  | 659.3  | 687.9  | 729.0  | 797.9  | 907.8  | 1074.1 |
| 42.5°  | 570.5  | 572.1  | 578.0  | 586.7  | 595.9  | 612.9  | 636.6  | 672.1  | 727.9  | 813.6  | 950.9  |
| 45°    | 510.8  | 510.8  | 516.1  | 520.1  | 530.1  | 545.5  | 564.9  | 594.3  | 633.0  | 696.5  | 787.8  |
| 47.5°  | 454.7  | 454.8  | 458.5  | 465.1  | 471.4  | 483.5  | 502.5  | 526.5  | 554.7  | 603.8  | 681.8  |
| 50°    | 422.5  | 423.3  | 425.7  | 431.0  | 434.9  | 445.8  | 460.5  | 481.3  | 510.8  | 548.7  | 613.7  |
| 52.5°  | 396.6  | 396.1  | 399.0  | 401.3  | 403.9  | 411.7  | 422.7  | 441.1  | 467.4  | 500.4  | 554.2  |
| 55°    | 354.5  | 351.3  | 356.0  | 359.8  | 362.1  | 365.3  | 371.4  | 383.0  | 405.5  | 433.3  | 473.6  |
| 57.5°  | 301.8  | 300.5  | 303.9  | 307.4  | 314.7  | 323.1  | 328.3  | 335.7  | 347.3  | 367.3  | 407.2  |
| 60°    | 258.4  | 258.4  | 265.4  | 267.7  | 276.3  | 287.1  | 297.9  | 304.2  | 315.8  | 328.9  | 358.3  |
| 62.5°  | 220.0  | 220.8  | 224.0  | 226.3  | 231.1  | 244.4  | 259.5  | 273.2  | 284.2  | 296.7  | 316.2  |
| 65°    | 184.2  | 185.7  | 185.7  | 187.2  | 190.4  | 193.5  | 199.7  | 210.5  | 229.8  | 247.6  | 262.4  |
| 67.5°  | 156.3  | 156.8  | 157.2  | 158.8  | 159.6  | 163.0  | 165.4  | 170.3  | 174.7  | 191.6  | 209.8  |
| 70°    | 137.7  | 140.1  | 139.3  | 140.9  | 141.6  | 143.2  | 146.2  | 148.6  | 155.5  | 159.5  | 170.3  |
| 72.5°  | 120.4  | 122.1  | 122.0  | 122.9  | 124.9  | 125.2  | 127.6  | 130.0  | 134.5  | 137.7  | 143.6  |
| 75°    | 97.6   | 96.7   | 97.6   | 99.1   | 99.9   | 100.6  | 100.6  | 103.7  | 106.0  | 109.1  | 113.0  |
| 77.5°  | 75.2   | 76.0   | 75.8   | 76.0   | 76.1   | 77.6   | 77.4   | 78.8   | 81.1   | 82.6   | 84.5   |
| 80°    | 60.4   | 61.1   | 60.4   | 61.1   | 61.9   | 62.7   | 61.9   | 62.7   | 65.0   | 66.6   | 66.6   |
| 82.5°  | 46.8   | 46.9   | 47.4   | 47.6   | 47.7   | 47.9   | 48.9   | 49.1   | 50.8   | 50.5   | 51.1   |
| 85°    | 27.9   | 27.1   | 27.1   | 27.1   | 27.9   | 28.7   | 27.9   | 27.9   | 28.7   | 28.7   | 28.7   |
| 87.5°  | 16.9   | 17.5   | 17.4   | 17.4   | 17.3   | 17.4   | 17.4   | 18.1   | 17.6   | 18.3   | 16.7   |
| 90°    | 34.7   | 34.5   | 34.3   | 34.1   | 33.8   | 33.9   | 34.4   | 34.8   | 35.3   | 35.7   | 30.8   |
| 92.5°  | 33.1   | 33.1   | 33.0   | 33.0   | 32.9   | 32.9   | 32.8   | 32.7   | 32.6   | 32.5   | 31.3   |
| 95°    | 63.4   | 63.8   | 64.3   | 64.7   | 65.2   | 65.4   | 65.4   | 65.4   | 65.4   | 65.4   | 65.0   |
| 97.5°  | 109.9  | 109.9  | 110.0  | 110.0  | 110.1  | 110.1  | 110.1  | 110.1  | 110.1  | 110.1  | 109.2  |
| 100°   | 140.2  | 140.4  | 140.6  | 140.8  | 141.1  | 141.2  | 141.2  | 141.2  | 141.2  | 141.2  | 140.5  |
| 102.5° | 174.5  | 174.7  | 174.9  | 175.2  | 175.4  | 175.4  | 175.2  | 175.1  | 174.9  | 174.7  | 173.8  |
| 105°   | 227.1  | 227.1  | 227.1  | 227.1  | 227.1  | 226.8  | 226.4  | 225.9  | 225.5  | 225.0  | 224.6  |
| 107.5° | 276.6  | 277.6  | 278.6  | 279.7  | 280.7  | 281.1  | 281.0  | 280.8  | 280.6  | 280.4  | 280.4  |
| 110°   | 315.1  | 315.7  | 316.4  | 317.1  | 317.8  | 318.1  | 318.1  | 318.1  | 318.1  | 318.1  | 318.1  |



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CATALOG NUMBER: S122RDIW-S1005D970U840-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 25°    | 30°    | 35°    | 40°    | 45°    | 50°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 351.8  | 352.3  | 352.8  | 353.4  | 353.9  | 354.4  | 355.0  | 355.5  | 356.0  | 356.6  | 356.8  |
| 115°   | 409.1  | 409.8  | 410.5  | 411.2  | 411.8  | 412.3  | 412.5  | 412.7  | 413.0  | 413.2  | 413.6  |
| 117.5° | 463.7  | 464.4  | 465.1  | 465.9  | 466.5  | 467.1  | 467.7  | 468.2  | 468.8  | 469.3  | 470.6  |
| 120°   | 502.2  | 502.9  | 503.6  | 504.2  | 504.9  | 505.3  | 505.3  | 505.3  | 505.3  | 505.3  | 507.2  |
| 122.5° | 539.9  | 540.4  | 540.9  | 541.4  | 541.9  | 542.4  | 542.9  | 543.5  | 544.0  | 544.5  | 545.8  |
| 125°   | 597.3  | 597.5  | 597.8  | 598.0  | 598.2  | 598.7  | 599.4  | 600.1  | 600.8  | 601.5  | 602.1  |
| 127.5° | 649.7  | 650.5  | 651.2  | 651.9  | 652.6  | 653.4  | 654.2  | 655.0  | 655.8  | 656.7  | 657.5  |
| 130°   | 687.3  | 688.2  | 689.1  | 690.0  | 690.9  | 691.7  | 692.2  | 692.6  | 693.1  | 693.5  | 694.0  |
| 132.5° | 723.4  | 724.1  | 724.8  | 725.6  | 726.3  | 727.1  | 728.1  | 729.1  | 730.1  | 731.1  | 731.0  |
| 135°   | 779.4  | 780.1  | 780.7  | 781.4  | 782.1  | 782.5  | 782.8  | 783.0  | 783.3  | 783.5  | 783.0  |
| 137.5° | 830.1  | 831.0  | 831.9  | 832.8  | 833.7  | 834.4  | 834.6  | 834.7  | 834.9  | 835.1  | 834.5  |
| 140°   | 865.4  | 866.3  | 867.2  | 868.1  | 869.0  | 869.4  | 869.4  | 869.4  | 869.4  | 869.4  | 868.3  |
| 142.5° | 897.3  | 898.2  | 899.1  | 900.0  | 900.9  | 901.2  | 901.1  | 900.9  | 900.7  | 900.5  | 899.8  |
| 145°   | 945.1  | 946.0  | 947.0  | 947.9  | 948.8  | 949.1  | 948.9  | 948.7  | 948.4  | 948.2  | 946.8  |
| 147.5° | 987.8  | 988.8  | 989.6  | 990.5  | 991.3  | 991.5  | 991.0  | 990.5  | 990.0  | 989.5  | 988.6  |
| 150°   | 1015.7 | 1016.3 | 1017.0 | 1017.7 | 1018.4 | 1018.4 | 1017.7 | 1017.0 | 1016.3 | 1015.7 | 1014.8 |
| 152.5° | 1041.9 | 1042.7 | 1043.6 | 1044.5 | 1045.3 | 1045.3 | 1044.5 | 1043.6 | 1042.7 | 1041.9 | 1040.8 |
| 155°   | 1077.0 | 1077.7 | 1078.4 | 1079.1 | 1079.7 | 1079.5 | 1078.4 | 1077.3 | 1076.1 | 1075.0 | 1074.3 |
| 157.5° | 1107.3 | 1108.4 | 1109.5 | 1110.6 | 1111.7 | 1111.5 | 1109.9 | 1108.4 | 1106.8 | 1105.3 | 1104.9 |
| 160°   | 1126.2 | 1127.1 | 1128.0 | 1128.9 | 1129.8 | 1129.5 | 1128.2 | 1126.8 | 1125.5 | 1124.1 | 1123.9 |
| 162.5° | 1142.6 | 1143.6 | 1144.7 | 1145.8 | 1146.9 | 1146.7 | 1145.1 | 1143.6 | 1142.1 | 1140.4 | 1140.2 |
| 165°   | 1164.0 | 1165.2 | 1166.3 | 1167.4 | 1168.5 | 1168.3 | 1166.7 | 1165.2 | 1163.6 | 1162.0 | 1162.0 |
| 167.5° | 1181.6 | 1182.8 | 1184.0 | 1185.2 | 1186.3 | 1186.1 | 1184.6 | 1183.0 | 1181.3 | 1179.7 | 1179.8 |
| 170°   | 1190.6 | 1191.9 | 1193.4 | 1194.7 | 1196.1 | 1196.0 | 1194.4 | 1192.8 | 1191.1 | 1189.6 | 1189.8 |
| 172.5° | 1198.0 | 1199.3 | 1200.7 | 1202.0 | 1203.5 | 1203.3 | 1201.7 | 1200.1 | 1198.5 | 1196.9 | 1197.2 |
| 175°   | 1206.0 | 1207.3 | 1208.7 | 1210.0 | 1211.4 | 1211.2 | 1209.7 | 1208.1 | 1206.5 | 1204.9 | 1205.4 |
| 177.5° | 1209.6 | 1210.7 | 1211.8 | 1212.8 | 1214.0 | 1214.0 | 1212.8 | 1211.8 | 1210.7 | 1209.6 | 1210.0 |
| 180°   | 1212.0 | 1212.0 | 1212.0 | 1212.0 | 1212.0 | 1212.0 | 1212.0 | 1212.0 | 1212.0 | 1212.0 | 1212.0 |



TEST NUMBER: P331854-840

CATALOG NUMBER: S122RDIW-S1005D970U840-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 55°    | 60°    | 65°    | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    | 100°   | 105°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 2227.2 | 2227.2 | 2227.2 | 2227.2 | 2227.2 | 2227.2 | 2227.2 | 2227.2 | 2227.2 | 2227.2 | 2227.2 |
| 2.5°   | 2280.5 | 2275.4 | 2271.2 | 2260.0 | 2254.4 | 2242.0 | 2240.2 | 2239.6 | 2223.5 | 2208.0 | 2203.6 |
| 5°     | 2358.7 | 2346.3 | 2327.8 | 2306.1 | 2283.7 | 2260.5 | 2245.0 | 2232.6 | 2201.6 | 2172.2 | 2155.3 |
| 7.5°   | 2437.7 | 2411.1 | 2379.0 | 2338.0 | 2303.8 | 2265.4 | 2237.0 | 2211.4 | 2167.5 | 2125.4 | 2097.0 |
| 10°    | 2496.5 | 2453.2 | 2410.5 | 2354.1 | 2310.0 | 2266.6 | 2226.4 | 2191.6 | 2142.0 | 2086.4 | 2046.9 |
| 12.5°  | 2533.0 | 2485.4 | 2426.7 | 2371.5 | 2314.3 | 2259.3 | 2205.3 | 2160.6 | 2102.4 | 2044.9 | 1998.0 |
| 15°    | 2582.4 | 2531.3 | 2460.1 | 2381.2 | 2307.6 | 2235.7 | 2173.8 | 2118.1 | 2042.3 | 1973.4 | 1916.1 |
| 17.5°  | 2622.8 | 2552.5 | 2476.1 | 2384.8 | 2299.7 | 2208.2 | 2128.5 | 2057.3 | 1972.9 | 1889.8 | 1822.3 |
| 20°    | 2635.7 | 2566.2 | 2477.9 | 2386.6 | 2286.0 | 2178.5 | 2092.5 | 2015.2 | 1924.6 | 1834.0 | 1756.7 |
| 22.5°  | 2627.8 | 2573.5 | 2475.5 | 2366.2 | 2263.1 | 2150.6 | 2053.6 | 1963.8 | 1863.3 | 1770.9 | 1681.1 |
| 25°    | 2573.1 | 2554.6 | 2461.6 | 2342.5 | 2224.8 | 2094.1 | 1981.9 | 1883.6 | 1769.1 | 1670.0 | 1572.5 |
| 27.5°  | 2445.7 | 2485.8 | 2428.2 | 2301.3 | 2170.5 | 2030.3 | 1904.2 | 1792.3 | 1673.4 | 1562.0 | 1464.8 |
| 30°    | 2323.2 | 2415.2 | 2390.5 | 2272.8 | 2126.6 | 1988.8 | 1847.2 | 1730.4 | 1603.5 | 1488.9 | 1393.0 |
| 32.5°  | 2155.4 | 2307.5 | 2331.7 | 2233.2 | 2082.0 | 1930.7 | 1782.2 | 1666.0 | 1533.5 | 1412.8 | 1319.3 |
| 35°    | 1888.2 | 2115.8 | 2220.2 | 2157.6 | 2005.9 | 1842.6 | 1689.3 | 1553.9 | 1420.8 | 1301.6 | 1208.8 |
| 37.5°  | 1569.5 | 1879.5 | 2053.6 | 2058.0 | 1918.7 | 1749.0 | 1582.1 | 1447.6 | 1311.4 | 1194.4 | 1094.0 |
| 40°    | 1362.8 | 1698.6 | 1925.4 | 1975.7 | 1858.1 | 1674.7 | 1505.9 | 1369.0 | 1235.9 | 1121.4 | 1006.0 |
| 42.5°  | 1177.1 | 1511.7 | 1790.4 | 1877.8 | 1784.4 | 1602.3 | 1432.9 | 1289.7 | 1160.3 | 1052.0 | 934.2  |
| 45°    | 951.9  | 1244.4 | 1551.6 | 1707.9 | 1656.1 | 1487.3 | 1308.6 | 1172.5 | 1050.9 | 957.3  | 844.2  |
| 47.5°  | 802.9  | 1009.2 | 1306.5 | 1517.8 | 1516.9 | 1362.9 | 1187.1 | 1056.6 | 943.9  | 856.2  | 764.8  |
| 50°    | 718.1  | 897.7  | 1149.2 | 1389.1 | 1409.2 | 1280.0 | 1112.8 | 983.6  | 878.4  | 786.3  | 712.8  |
| 52.5°  | 642.0  | 789.9  | 1016.1 | 1246.1 | 1303.3 | 1191.4 | 1029.3 | 909.9  | 807.8  | 723.1  | 660.1  |
| 55°    | 542.5  | 657.0  | 828.8  | 1043.9 | 1130.6 | 1051.7 | 907.8  | 796.3  | 713.5  | 642.3  | 588.1  |
| 57.5°  | 458.9  | 544.8  | 682.7  | 855.9  | 956.8  | 907.2  | 788.4  | 697.9  | 627.0  | 562.6  | 519.9  |
| 60°    | 406.3  | 476.7  | 593.6  | 738.3  | 849.7  | 814.9  | 713.5  | 629.1  | 568.8  | 513.1  | 472.8  |
| 62.5°  | 356.8  | 417.3  | 517.5  | 634.9  | 737.0  | 722.7  | 639.9  | 569.1  | 516.1  | 465.4  | 431.3  |
| 65°    | 287.1  | 331.2  | 409.4  | 501.5  | 583.5  | 590.5  | 530.9  | 482.9  | 435.7  | 395.5  | 365.3  |
| 67.5°  | 228.6  | 257.4  | 312.5  | 390.0  | 451.5  | 473.4  | 437.1  | 400.4  | 362.9  | 331.8  | 305.7  |
| 70°    | 192.7  | 215.9  | 256.1  | 318.8  | 375.4  | 398.5  | 377.7  | 349.0  | 316.5  | 290.9  | 268.5  |
| 72.5°  | 156.1  | 178.7  | 208.4  | 254.5  | 302.9  | 328.0  | 320.7  | 300.1  | 273.8  | 252.6  | 231.4  |
| 75°    | 117.6  | 124.6  | 144.7  | 175.7  | 213.6  | 235.3  | 240.7  | 229.8  | 208.9  | 192.7  | 180.3  |
| 77.5°  | 86.9   | 91.2   | 100.8  | 117.0  | 141.8  | 161.1  | 169.1  | 167.7  | 153.4  | 143.9  | 132.3  |
| 80°    | 69.7   | 72.0   | 76.6   | 83.6   | 102.2  | 121.5  | 126.9  | 126.9  | 116.8  | 113.0  | 101.4  |
| 82.5°  | 52.9   | 54.6   | 57.5   | 61.3   | 70.0   | 86.8   | 92.9   | 94.1   | 87.8   | 82.6   | 73.5   |
| 85°    | 30.2   | 29.4   | 31.0   | 33.3   | 34.8   | 39.5   | 48.8   | 50.3   | 48.8   | 42.5   | 40.2   |
| 87.5°  | 15.7   | 15.3   | 14.3   | 12.9   | 13.0   | 13.0   | 15.7   | 18.2   | 16.3   | 14.9   | 14.2   |
| 90°    | 25.8   | 20.8   | 15.8   | 11.9   | 9.2    | 6.5    | 3.7    | 1.0    | 3.7    | 6.5    | 9.2    |
| 92.5°  | 30.2   | 29.0   | 27.8   | 26.3   | 24.2   | 22.2   | 20.2   | 18.2   | 20.2   | 22.2   | 24.2   |
| 95°    | 64.5   | 64.1   | 63.6   | 62.3   | 60.0   | 57.8   | 55.4   | 53.2   | 55.4   | 57.8   | 60.0   |
| 97.5°  | 108.4  | 107.4  | 106.6  | 105.1  | 103.2  | 101.2  | 99.2   | 97.1   | 99.2   | 101.2  | 103.2  |
| 100°   | 139.8  | 139.1  | 138.5  | 137.1  | 135.3  | 133.5  | 131.7  | 129.9  | 131.7  | 133.5  | 135.3  |
| 102.5° | 173.0  | 172.1  | 171.3  | 170.1  | 168.6  | 167.1  | 165.7  | 164.3  | 165.7  | 167.1  | 168.6  |
| 105°   | 224.1  | 223.7  | 223.2  | 222.7  | 222.0  | 221.3  | 220.6  | 219.9  | 220.6  | 221.3  | 222.0  |
| 107.5° | 280.4  | 280.4  | 280.4  | 279.9  | 278.9  | 277.9  | 277.0  | 276.0  | 277.0  | 277.9  | 278.9  |
| 110°   | 318.1  | 318.1  | 318.1  | 317.4  | 316.1  | 314.7  | 313.4  | 311.9  | 313.4  | 314.7  | 316.1  |





TEST NUMBER: P331854-840

CATALOG NUMBER: S122RDIW-S1005D970U840-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 55°    | 60°    | 65°    | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    | 100°   | 105°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 356.9  | 357.1  | 357.3  | 356.7  | 355.4  | 354.0  | 352.6  | 351.2  | 352.6  | 354.0  | 355.4  |
| 115°   | 414.1  | 414.5  | 415.1  | 414.5  | 413.2  | 411.8  | 410.5  | 409.1  | 410.5  | 411.8  | 413.2  |
| 117.5° | 471.8  | 473.1  | 474.3  | 474.1  | 472.3  | 470.5  | 468.7  | 466.9  | 468.7  | 470.5  | 472.3  |
| 120°   | 509.0  | 510.8  | 512.6  | 512.6  | 510.8  | 509.0  | 507.2  | 505.3  | 507.2  | 509.0  | 510.8  |
| 122.5° | 547.1  | 548.4  | 549.7  | 549.2  | 547.0  | 544.8  | 542.7  | 540.5  | 542.7  | 544.8  | 547.0  |
| 125°   | 602.8  | 603.5  | 604.2  | 603.5  | 601.5  | 599.4  | 597.3  | 595.3  | 597.3  | 599.4  | 601.5  |
| 127.5° | 658.3  | 659.1  | 659.9  | 659.0  | 656.5  | 653.9  | 651.3  | 648.7  | 651.3  | 653.9  | 656.5  |
| 130°   | 694.4  | 694.9  | 695.3  | 694.1  | 691.2  | 688.1  | 685.2  | 682.3  | 685.2  | 688.1  | 691.2  |
| 132.5° | 730.9  | 730.8  | 730.7  | 729.5  | 727.1  | 724.7  | 722.3  | 719.8  | 722.3  | 724.7  | 727.1  |
| 135°   | 782.5  | 782.1  | 781.6  | 780.2  | 777.7  | 775.2  | 772.7  | 770.2  | 772.7  | 775.2  | 777.7  |
| 137.5° | 833.8  | 833.2  | 832.7  | 831.3  | 829.3  | 827.3  | 825.3  | 823.1  | 825.3  | 827.3  | 829.3  |
| 140°   | 867.2  | 866.1  | 864.8  | 863.2  | 861.2  | 859.2  | 857.2  | 855.1  | 857.2  | 859.2  | 861.2  |
| 142.5° | 899.0  | 898.2  | 897.5  | 896.1  | 893.9  | 891.9  | 889.9  | 887.9  | 889.9  | 891.9  | 893.9  |
| 145°   | 945.4  | 944.1  | 942.7  | 941.3  | 939.7  | 938.1  | 936.4  | 934.8  | 936.4  | 938.1  | 939.7  |
| 147.5° | 987.6  | 986.7  | 985.8  | 984.4  | 982.5  | 980.7  | 978.8  | 976.8  | 978.8  | 980.7  | 982.5  |
| 150°   | 1013.9 | 1013.0 | 1012.1 | 1010.9 | 1009.6 | 1008.1 | 1006.8 | 1005.4 | 1006.8 | 1008.1 | 1009.6 |
| 152.5° | 1039.7 | 1038.6 | 1037.5 | 1036.3 | 1034.9 | 1033.6 | 1032.2 | 1030.9 | 1032.2 | 1033.6 | 1034.9 |
| 155°   | 1073.7 | 1073.0 | 1072.3 | 1071.6 | 1071.0 | 1070.3 | 1069.5 | 1068.8 | 1069.5 | 1070.3 | 1071.0 |
| 157.5° | 1104.5 | 1104.1 | 1103.7 | 1103.2 | 1102.8 | 1102.3 | 1101.9 | 1101.4 | 1101.9 | 1102.3 | 1102.8 |
| 160°   | 1123.7 | 1123.5 | 1123.2 | 1122.9 | 1122.4 | 1122.0 | 1121.5 | 1121.1 | 1121.5 | 1122.0 | 1122.4 |
| 162.5° | 1140.0 | 1139.8 | 1139.5 | 1139.4 | 1139.3 | 1139.2 | 1139.1 | 1139.0 | 1139.1 | 1139.2 | 1139.3 |
| 165°   | 1162.0 | 1162.0 | 1162.0 | 1162.1 | 1162.3 | 1162.6 | 1162.8 | 1163.0 | 1162.8 | 1162.6 | 1162.3 |
| 167.5° | 1179.8 | 1179.9 | 1179.9 | 1180.3 | 1180.9 | 1181.6 | 1182.3 | 1183.1 | 1182.3 | 1181.6 | 1180.9 |
| 170°   | 1190.0 | 1190.2 | 1190.5 | 1190.9 | 1191.6 | 1192.3 | 1193.0 | 1193.7 | 1193.0 | 1192.3 | 1191.6 |
| 172.5° | 1197.4 | 1197.6 | 1197.8 | 1198.3 | 1199.0 | 1199.6 | 1200.3 | 1201.0 | 1200.3 | 1199.6 | 1199.0 |
| 175°   | 1205.8 | 1206.3 | 1206.7 | 1207.3 | 1208.0 | 1208.7 | 1209.3 | 1210.0 | 1209.3 | 1208.7 | 1208.0 |
| 177.5° | 1210.3 | 1210.7 | 1211.0 | 1211.5 | 1212.0 | 1212.6 | 1213.2 | 1213.8 | 1213.2 | 1212.6 | 1212.0 |
| 180°   | 1212.0 | 1212.0 | 1212.0 | 1212.0 | 1212.0 | 1212.0 | 1212.0 | 1212.0 | 1212.0 | 1212.0 | 1212.0 |



TEST NUMBER: P331854-840

CATALOG NUMBER: S122RDIW-S1005D970U840-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 110°   | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   | 150°   | 155°   | 160°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 2227.2 | 2227.2 | 2227.2 | 2227.2 | 2227.2 | 2227.2 | 2227.2 | 2227.2 | 2227.2 | 2227.2 | 2227.2 |
| 2.5°   | 2195.6 | 2191.3 | 2183.2 | 2170.8 | 2163.4 | 2150.4 | 2141.7 | 2146.7 | 2148.0 | 2146.7 | 2145.5 |
| 5°     | 2136.7 | 2120.4 | 2098.0 | 2076.3 | 2056.2 | 2034.5 | 2022.2 | 2016.7 | 2005.9 | 1999.6 | 1996.6 |
| 7.5°   | 2065.3 | 2037.3 | 2005.6 | 1967.8 | 1935.7 | 1902.2 | 1885.0 | 1876.4 | 1854.3 | 1842.3 | 1831.7 |
| 10°    | 2012.1 | 1967.9 | 1936.2 | 1886.7 | 1856.5 | 1812.4 | 1782.2 | 1783.0 | 1752.8 | 1735.8 | 1723.4 |
| 12.5°  | 1953.3 | 1904.8 | 1852.0 | 1807.5 | 1765.5 | 1730.1 | 1693.6 | 1679.0 | 1647.0 | 1630.5 | 1597.1 |
| 15°    | 1855.7 | 1799.3 | 1743.5 | 1683.1 | 1640.6 | 1585.7 | 1533.1 | 1468.8 | 1416.9 | 1372.1 | 1359.7 |
| 17.5°  | 1749.3 | 1679.3 | 1623.5 | 1552.6 | 1479.7 | 1387.3 | 1326.3 | 1289.0 | 1257.7 | 1234.1 | 1216.4 |
| 20°    | 1676.2 | 1605.0 | 1545.4 | 1438.7 | 1340.3 | 1277.7 | 1232.7 | 1204.2 | 1171.6 | 1146.1 | 1132.2 |
| 22.5°  | 1599.4 | 1525.1 | 1443.9 | 1324.7 | 1248.1 | 1197.8 | 1157.8 | 1124.9 | 1102.9 | 1083.0 | 1070.3 |
| 25°    | 1490.5 | 1409.2 | 1275.4 | 1193.3 | 1131.4 | 1078.7 | 1050.9 | 1030.8 | 1007.5 | 980.5  | 968.2  |
| 27.5°  | 1375.3 | 1246.1 | 1149.9 | 1088.9 | 1029.9 | 995.6  | 970.6  | 940.6  | 919.8  | 907.6  | 894.7  |
| 30°    | 1289.3 | 1160.0 | 1085.0 | 1018.4 | 976.6  | 938.7  | 909.3  | 892.3  | 872.1  | 851.2  | 842.7  |
| 32.5°  | 1193.3 | 1090.0 | 1018.1 | 962.7  | 920.3  | 888.0  | 864.7  | 837.2  | 822.6  | 809.8  | 791.9  |
| 35°    | 1074.1 | 995.9  | 930.2  | 885.3  | 845.1  | 818.8  | 791.6  | 775.4  | 749.1  | 738.3  | 731.3  |
| 37.5°  | 973.2  | 905.4  | 856.4  | 809.0  | 777.1  | 748.0  | 731.4  | 705.6  | 694.2  | 679.1  | 664.5  |
| 40°    | 916.3  | 849.7  | 802.5  | 763.8  | 728.2  | 706.5  | 685.6  | 664.8  | 647.7  | 640.8  | 623.0  |
| 42.5°  | 858.1  | 803.9  | 756.7  | 714.3  | 690.4  | 667.5  | 641.1  | 625.7  | 608.1  | 596.8  | 585.8  |
| 45°    | 777.7  | 729.7  | 689.5  | 654.7  | 628.3  | 604.4  | 587.3  | 561.8  | 551.8  | 529.4  | 520.1  |
| 47.5°  | 707.2  | 662.6  | 624.2  | 591.1  | 565.4  | 549.8  | 524.8  | 504.8  | 488.8  | 475.0  | 463.1  |
| 50°    | 657.0  | 619.9  | 582.7  | 553.3  | 530.1  | 507.7  | 482.1  | 472.0  | 447.3  | 440.3  | 433.3  |
| 52.5°  | 611.2  | 575.9  | 541.9  | 513.1  | 489.9  | 468.1  | 445.6  | 432.4  | 415.8  | 408.8  | 403.6  |
| 55°    | 547.1  | 513.1  | 480.6  | 455.0  | 431.8  | 409.4  | 395.5  | 379.2  | 371.4  | 366.1  | 359.8  |
| 57.5°  | 482.7  | 452.1  | 427.2  | 401.3  | 378.0  | 360.1  | 344.1  | 334.3  | 326.3  | 319.1  | 311.7  |
| 60°    | 441.9  | 412.4  | 390.0  | 366.1  | 342.0  | 327.3  | 315.0  | 303.4  | 294.1  | 283.3  | 280.1  |
| 62.5°  | 398.5  | 372.8  | 352.2  | 328.9  | 308.0  | 294.6  | 282.8  | 271.8  | 260.6  | 244.9  | 240.5  |
| 65°    | 338.9  | 318.8  | 297.2  | 277.8  | 259.2  | 246.1  | 229.0  | 216.7  | 212.1  | 210.5  | 209.7  |
| 67.5°  | 285.1  | 266.1  | 247.5  | 227.6  | 210.8  | 198.5  | 190.0  | 188.0  | 184.8  | 183.9  | 181.7  |
| 70°    | 249.2  | 231.4  | 212.8  | 194.2  | 178.0  | 175.7  | 172.6  | 169.5  | 165.6  | 164.1  | 162.5  |
| 72.5°  | 217.0  | 198.5  | 180.0  | 165.1  | 158.1  | 155.2  | 152.2  | 149.1  | 146.4  | 144.9  | 143.9  |
| 75°    | 166.4  | 149.4  | 136.9  | 131.6  | 127.6  | 125.3  | 120.7  | 118.4  | 116.8  | 114.5  | 113.7  |
| 77.5°  | 119.8  | 110.2  | 104.5  | 101.1  | 97.0   | 94.5   | 91.9   | 89.6   | 88.0   | 87.5   | 86.2   |
| 80°    | 91.3   | 86.6   | 82.8   | 78.2   | 76.6   | 73.5   | 72.7   | 70.4   | 71.2   | 68.9   | 68.9   |
| 82.5°  | 70.9   | 65.0   | 61.8   | 59.6   | 58.1   | 55.5   | 54.8   | 53.7   | 53.8   | 52.1   | 52.1   |
| 85°    | 36.4   | 34.8   | 33.3   | 31.7   | 31.7   | 29.4   | 30.2   | 29.4   | 29.4   | 27.9   | 27.1   |
| 87.5°  | 14.1   | 14.3   | 14.0   | 15.0   | 16.1   | 16.5   | 16.4   | 15.7   | 15.6   | 15.5   | 14.8   |
| 90°    | 11.9   | 15.8   | 20.8   | 25.8   | 30.8   | 35.7   | 35.3   | 34.8   | 34.4   | 33.9   | 33.8   |
| 92.5°  | 26.3   | 27.8   | 29.0   | 30.2   | 31.3   | 32.5   | 32.6   | 32.7   | 32.8   | 32.9   | 32.9   |
| 95°    | 62.3   | 63.6   | 64.1   | 64.5   | 65.0   | 65.4   | 65.4   | 65.4   | 65.4   | 65.4   | 65.2   |
| 97.5°  | 105.1  | 106.6  | 107.4  | 108.4  | 109.2  | 110.1  | 110.1  | 110.1  | 110.1  | 110.1  | 110.1  |
| 100°   | 137.1  | 138.5  | 139.1  | 139.8  | 140.5  | 141.2  | 141.2  | 141.2  | 141.2  | 141.2  | 141.1  |
| 102.5° | 170.1  | 171.3  | 172.1  | 173.0  | 173.8  | 174.7  | 174.9  | 175.1  | 175.2  | 175.4  | 175.4  |
| 105°   | 222.7  | 223.2  | 223.7  | 224.1  | 224.6  | 225.0  | 225.5  | 225.9  | 226.4  | 226.8  | 227.1  |
| 107.5° | 279.9  | 280.4  | 280.4  | 280.4  | 280.4  | 280.4  | 280.6  | 280.8  | 281.0  | 281.1  | 280.7  |
| 110°   | 317.4  | 318.1  | 318.1  | 318.1  | 318.1  | 318.1  | 318.1  | 318.1  | 318.1  | 318.1  | 317.8  |



TEST NUMBER: P331854-840

CATALOG NUMBER: S122RDIW-S1005D970U840-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 110°   | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   | 150°   | 155°   | 160°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 356.7  | 357.3  | 357.1  | 356.9  | 356.8  | 356.6  | 356.0  | 355.5  | 355.0  | 354.4  | 353.9  |
| 115°   | 414.5  | 415.1  | 414.5  | 414.1  | 413.6  | 413.2  | 413.0  | 412.7  | 412.5  | 412.3  | 411.8  |
| 117.5° | 474.1  | 474.3  | 473.1  | 471.8  | 470.6  | 469.3  | 468.8  | 468.2  | 467.7  | 467.1  | 466.5  |
| 120°   | 512.6  | 512.6  | 510.8  | 509.0  | 507.2  | 505.3  | 505.3  | 505.3  | 505.3  | 505.3  | 504.9  |
| 122.5° | 549.2  | 549.7  | 548.4  | 547.1  | 545.8  | 544.5  | 544.0  | 543.5  | 542.9  | 542.4  | 541.9  |
| 125°   | 603.5  | 604.2  | 603.5  | 602.8  | 602.1  | 601.5  | 600.8  | 600.1  | 599.4  | 598.7  | 598.2  |
| 127.5° | 659.0  | 659.9  | 659.1  | 658.3  | 657.5  | 656.7  | 655.8  | 655.0  | 654.2  | 653.4  | 652.6  |
| 130°   | 694.1  | 695.3  | 694.9  | 694.4  | 694.0  | 693.5  | 693.1  | 692.6  | 692.2  | 691.7  | 690.9  |
| 132.5° | 729.5  | 730.7  | 730.8  | 730.9  | 731.0  | 731.1  | 730.1  | 729.1  | 728.1  | 727.1  | 726.3  |
| 135°   | 780.2  | 781.6  | 782.1  | 782.5  | 783.0  | 783.5  | 783.3  | 783.0  | 782.8  | 782.5  | 782.1  |
| 137.5° | 831.3  | 832.7  | 833.2  | 833.8  | 834.5  | 835.1  | 834.9  | 834.7  | 834.6  | 834.4  | 833.7  |
| 140°   | 863.2  | 864.8  | 866.1  | 867.2  | 868.3  | 869.4  | 869.4  | 869.4  | 869.4  | 869.4  | 869.0  |
| 142.5° | 896.1  | 897.5  | 898.2  | 899.0  | 899.8  | 900.5  | 900.7  | 900.9  | 901.1  | 901.2  | 900.9  |
| 145°   | 941.3  | 942.7  | 944.1  | 945.4  | 946.8  | 948.2  | 948.4  | 948.7  | 948.9  | 949.1  | 948.8  |
| 147.5° | 984.4  | 985.8  | 986.7  | 987.6  | 988.6  | 989.5  | 990.0  | 990.5  | 991.0  | 991.5  | 991.3  |
| 150°   | 1010.9 | 1012.1 | 1013.0 | 1013.9 | 1014.8 | 1015.7 | 1016.3 | 1017.0 | 1017.7 | 1018.4 | 1018.4 |
| 152.5° | 1036.3 | 1037.5 | 1038.6 | 1039.7 | 1040.8 | 1041.9 | 1042.7 | 1043.6 | 1044.5 | 1045.3 | 1045.3 |
| 155°   | 1071.6 | 1072.3 | 1073.0 | 1073.7 | 1074.3 | 1075.0 | 1076.1 | 1077.3 | 1078.4 | 1079.5 | 1079.7 |
| 157.5° | 1103.2 | 1103.7 | 1104.1 | 1104.5 | 1104.9 | 1105.3 | 1106.8 | 1108.4 | 1109.9 | 1111.5 | 1111.7 |
| 160°   | 1122.9 | 1123.2 | 1123.5 | 1123.7 | 1123.9 | 1124.1 | 1125.5 | 1126.8 | 1128.2 | 1129.5 | 1129.8 |
| 162.5° | 1139.4 | 1139.5 | 1139.8 | 1140.0 | 1140.2 | 1140.4 | 1142.1 | 1143.6 | 1145.1 | 1146.7 | 1146.9 |
| 165°   | 1162.1 | 1162.0 | 1162.0 | 1162.0 | 1162.0 | 1162.0 | 1163.6 | 1165.2 | 1166.7 | 1168.3 | 1168.5 |
| 167.5° | 1180.3 | 1179.9 | 1179.9 | 1179.8 | 1179.8 | 1179.7 | 1181.3 | 1183.0 | 1184.6 | 1186.1 | 1186.3 |
| 170°   | 1190.9 | 1190.5 | 1190.2 | 1190.0 | 1189.8 | 1189.6 | 1191.1 | 1192.8 | 1194.4 | 1196.0 | 1196.1 |
| 172.5° | 1198.3 | 1197.8 | 1197.6 | 1197.4 | 1197.2 | 1196.9 | 1198.5 | 1200.1 | 1201.7 | 1203.3 | 1203.5 |
| 175°   | 1207.3 | 1206.7 | 1206.3 | 1205.8 | 1205.4 | 1204.9 | 1206.5 | 1208.1 | 1209.7 | 1211.2 | 1211.4 |
| 177.5° | 1211.5 | 1211.0 | 1210.7 | 1210.3 | 1210.0 | 1209.6 | 1210.7 | 1211.8 | 1212.8 | 1214.0 | 1214.0 |
| 180°   | 1212.0 | 1212.0 | 1212.0 | 1212.0 | 1212.0 | 1212.0 | 1212.0 | 1212.0 | 1212.0 | 1212.0 | 1212.0 |



TEST NUMBER: P331854-840

CATALOG NUMBER: S122RDIW-S1005D970U840-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   | 200°   | 205°   | 210°   | 215°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 2227.2 | 2227.2 | 2227.2 | 2227.2 | 2227.2 | 2227.2 | 2227.2 | 2227.2 | 2227.2 | 2227.2 | 2227.2 |
| 2.5°   | 2138.7 | 2139.9 | 2138.1 | 2139.3 | 2138.1 | 2139.9 | 2138.7 | 2145.5 | 2146.7 | 2148.0 | 2146.7 |
| 5°     | 1992.7 | 1983.4 | 1981.9 | 1979.5 | 1981.9 | 1983.4 | 1992.7 | 1996.6 | 1999.6 | 2005.9 | 2016.7 |
| 7.5°   | 1818.5 | 1817.1 | 1813.2 | 1807.8 | 1813.2 | 1817.1 | 1818.5 | 1831.7 | 1842.3 | 1854.3 | 1876.4 |
| 10°    | 1706.4 | 1702.5 | 1701.7 | 1696.3 | 1701.7 | 1702.5 | 1706.4 | 1723.4 | 1735.8 | 1752.8 | 1783.0 |
| 12.5°  | 1575.1 | 1550.2 | 1547.6 | 1534.1 | 1547.6 | 1550.2 | 1575.1 | 1597.1 | 1630.5 | 1647.0 | 1679.0 |
| 15°    | 1341.1 | 1336.5 | 1321.0 | 1310.9 | 1321.0 | 1336.5 | 1341.1 | 1359.7 | 1372.1 | 1416.9 | 1468.8 |
| 17.5°  | 1207.4 | 1192.2 | 1187.4 | 1185.3 | 1187.4 | 1192.2 | 1207.4 | 1216.4 | 1234.1 | 1257.7 | 1289.0 |
| 20°    | 1121.4 | 1107.4 | 1105.1 | 1103.6 | 1105.1 | 1107.4 | 1121.4 | 1132.2 | 1146.1 | 1171.6 | 1204.2 |
| 22.5°  | 1061.9 | 1047.3 | 1041.3 | 1036.6 | 1041.3 | 1047.3 | 1061.9 | 1070.3 | 1083.0 | 1102.9 | 1124.9 |
| 25°    | 960.4  | 954.9  | 951.9  | 950.3  | 951.9  | 954.9  | 960.4  | 968.2  | 980.5  | 1007.5 | 1030.8 |
| 27.5°  | 881.0  | 869.1  | 866.8  | 862.7  | 866.8  | 869.1  | 881.0  | 894.7  | 907.6  | 919.8  | 940.6  |
| 30°    | 835.8  | 831.9  | 826.5  | 821.8  | 826.5  | 831.9  | 835.8  | 842.7  | 851.2  | 872.1  | 892.3  |
| 32.5°  | 782.5  | 779.3  | 774.5  | 772.3  | 774.5  | 779.3  | 782.5  | 791.9  | 809.8  | 822.6  | 837.2  |
| 35°    | 723.6  | 712.8  | 708.1  | 701.1  | 708.1  | 712.8  | 723.6  | 731.3  | 738.3  | 749.1  | 775.4  |
| 37.5°  | 661.2  | 655.5  | 648.9  | 651.3  | 648.9  | 655.5  | 661.2  | 664.5  | 679.1  | 694.2  | 705.6  |
| 40°    | 612.9  | 609.0  | 607.5  | 606.7  | 607.5  | 609.0  | 612.9  | 623.0  | 640.8  | 647.7  | 664.8  |
| 42.5°  | 574.5  | 563.8  | 559.8  | 559.7  | 559.8  | 563.8  | 574.5  | 585.8  | 596.8  | 608.1  | 625.7  |
| 45°    | 516.1  | 506.1  | 499.2  | 499.9  | 499.2  | 506.1  | 516.1  | 520.1  | 529.4  | 551.8  | 561.8  |
| 47.5°  | 456.5  | 456.2  | 451.8  | 453.1  | 451.8  | 456.2  | 456.5  | 463.1  | 475.0  | 488.8  | 504.8  |
| 50°    | 428.0  | 423.3  | 420.2  | 421.0  | 420.2  | 423.3  | 428.0  | 433.3  | 440.3  | 447.3  | 472.0  |
| 52.5°  | 400.7  | 396.7  | 394.3  | 397.5  | 394.3  | 396.7  | 400.7  | 403.6  | 408.8  | 415.8  | 432.4  |
| 55°    | 356.0  | 351.3  | 350.5  | 349.8  | 350.5  | 351.3  | 356.0  | 359.8  | 366.1  | 371.4  | 379.2  |
| 57.5°  | 306.0  | 302.9  | 298.2  | 296.2  | 298.2  | 302.9  | 306.0  | 311.7  | 319.1  | 326.3  | 334.3  |
| 60°    | 270.0  | 263.9  | 256.1  | 255.4  | 256.1  | 263.9  | 270.0  | 280.1  | 283.3  | 294.1  | 303.4  |
| 62.5°  | 237.2  | 236.0  | 234.5  | 234.3  | 234.5  | 236.0  | 237.2  | 240.5  | 244.9  | 260.6  | 271.8  |
| 65°    | 208.1  | 207.4  | 208.1  | 208.9  | 208.1  | 207.4  | 208.1  | 209.7  | 210.5  | 212.1  | 216.7  |
| 67.5°  | 181.4  | 180.0  | 178.6  | 179.3  | 178.6  | 180.0  | 181.4  | 181.7  | 183.9  | 184.8  | 188.0  |
| 70°    | 161.0  | 160.2  | 159.5  | 159.5  | 159.5  | 160.2  | 161.0  | 162.5  | 164.1  | 165.6  | 169.5  |
| 72.5°  | 141.2  | 141.0  | 140.3  | 139.6  | 140.3  | 141.0  | 141.2  | 143.9  | 144.9  | 146.4  | 149.1  |
| 75°    | 113.0  | 111.4  | 111.4  | 111.4  | 111.4  | 111.4  | 113.0  | 113.7  | 114.5  | 116.8  | 118.4  |
| 77.5°  | 86.0   | 85.2   | 84.5   | 83.9   | 84.5   | 85.2   | 86.0   | 86.2   | 87.5   | 88.0   | 89.6   |
| 80°    | 68.1   | 67.4   | 66.6   | 66.6   | 66.6   | 67.4   | 68.1   | 68.9   | 68.9   | 71.2   | 70.4   |
| 82.5°  | 52.0   | 51.2   | 51.1   | 50.5   | 51.1   | 51.2   | 52.0   | 52.1   | 52.1   | 53.8   | 53.7   |
| 85°    | 27.9   | 28.7   | 27.9   | 29.4   | 27.9   | 28.7   | 27.9   | 27.1   | 27.9   | 29.4   | 29.4   |
| 87.5°  | 14.8   | 14.3   | 14.9   | 14.3   | 14.9   | 14.3   | 14.8   | 14.8   | 15.5   | 15.6   | 15.7   |
| 90°    | 34.1   | 34.3   | 34.5   | 34.7   | 34.5   | 34.3   | 34.1   | 33.8   | 33.9   | 34.4   | 34.8   |
| 92.5°  | 33.0   | 33.0   | 33.1   | 33.1   | 33.1   | 33.0   | 33.0   | 32.9   | 32.9   | 32.8   | 32.7   |
| 95°    | 64.7   | 64.3   | 63.8   | 63.4   | 63.8   | 64.3   | 64.7   | 65.2   | 65.4   | 65.4   | 65.4   |
| 97.5°  | 110.0  | 110.0  | 109.9  | 109.9  | 109.9  | 110.0  | 110.0  | 110.1  | 110.1  | 110.1  | 110.1  |
| 100°   | 140.8  | 140.6  | 140.4  | 140.2  | 140.4  | 140.6  | 140.8  | 141.1  | 141.2  | 141.2  | 141.2  |
| 102.5° | 175.2  | 174.9  | 174.7  | 174.5  | 174.7  | 174.9  | 175.2  | 175.4  | 175.4  | 175.2  | 175.1  |
| 105°   | 227.1  | 227.1  | 227.1  | 227.1  | 227.1  | 227.1  | 227.1  | 227.1  | 226.8  | 226.4  | 225.9  |
| 107.5° | 279.7  | 278.6  | 277.6  | 276.6  | 277.6  | 278.6  | 279.7  | 280.7  | 281.1  | 281.0  | 280.8  |
| 110°   | 317.1  | 316.4  | 315.7  | 315.1  | 315.7  | 316.4  | 317.1  | 317.8  | 318.1  | 318.1  | 318.1  |



TEST NUMBER: P331854-840

CATALOG NUMBER: S122RDIW-S1005D970U840-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   | 200°   | 205°   | 210°   | 215°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 353.4  | 352.8  | 352.3  | 351.8  | 352.3  | 352.8  | 353.4  | 353.9  | 354.4  | 355.0  | 355.5  |
| 115°   | 411.2  | 410.5  | 409.8  | 409.1  | 409.8  | 410.5  | 411.2  | 411.8  | 412.3  | 412.5  | 412.7  |
| 117.5° | 465.9  | 465.1  | 464.4  | 463.7  | 464.4  | 465.1  | 465.9  | 466.5  | 467.1  | 467.7  | 468.2  |
| 120°   | 504.2  | 503.6  | 502.9  | 502.2  | 502.9  | 503.6  | 504.2  | 504.9  | 505.3  | 505.3  | 505.3  |
| 122.5° | 541.4  | 540.9  | 540.4  | 539.9  | 540.4  | 540.9  | 541.4  | 541.9  | 542.4  | 542.9  | 543.5  |
| 125°   | 598.0  | 597.8  | 597.5  | 597.3  | 597.5  | 597.8  | 598.0  | 598.2  | 598.7  | 599.4  | 600.1  |
| 127.5° | 651.9  | 651.2  | 650.5  | 649.7  | 650.5  | 651.2  | 651.9  | 652.6  | 653.4  | 654.2  | 655.0  |
| 130°   | 690.0  | 689.1  | 688.2  | 687.3  | 688.2  | 689.1  | 690.0  | 690.9  | 691.7  | 692.2  | 692.6  |
| 132.5° | 725.6  | 724.8  | 724.1  | 723.4  | 724.1  | 724.8  | 725.6  | 726.3  | 727.1  | 728.1  | 729.1  |
| 135°   | 781.4  | 780.7  | 780.1  | 779.4  | 780.1  | 780.7  | 781.4  | 782.1  | 782.5  | 782.8  | 783.0  |
| 137.5° | 832.8  | 831.9  | 831.0  | 830.1  | 831.0  | 831.9  | 832.8  | 833.7  | 834.4  | 834.6  | 834.7  |
| 140°   | 868.1  | 867.2  | 866.3  | 865.4  | 866.3  | 867.2  | 868.1  | 869.0  | 869.4  | 869.4  | 869.4  |
| 142.5° | 900.0  | 899.1  | 898.2  | 897.3  | 898.2  | 899.1  | 900.0  | 900.9  | 901.2  | 901.1  | 900.9  |
| 145°   | 947.9  | 947.0  | 946.0  | 945.1  | 946.0  | 947.0  | 947.9  | 948.8  | 949.1  | 948.9  | 948.7  |
| 147.5° | 990.5  | 989.6  | 988.8  | 987.8  | 988.8  | 989.6  | 990.5  | 991.3  | 991.5  | 991.0  | 990.5  |
| 150°   | 1017.7 | 1017.0 | 1016.3 | 1015.7 | 1016.3 | 1017.0 | 1017.7 | 1018.4 | 1018.4 | 1017.7 | 1017.0 |
| 152.5° | 1044.5 | 1043.6 | 1042.7 | 1041.9 | 1042.7 | 1043.6 | 1044.5 | 1045.3 | 1045.3 | 1044.5 | 1043.6 |
| 155°   | 1079.1 | 1078.4 | 1077.7 | 1077.0 | 1077.7 | 1078.4 | 1079.1 | 1079.7 | 1079.5 | 1078.4 | 1077.3 |
| 157.5° | 1110.6 | 1109.5 | 1108.4 | 1107.3 | 1108.4 | 1109.5 | 1110.6 | 1111.7 | 1111.5 | 1109.9 | 1108.4 |
| 160°   | 1128.9 | 1128.0 | 1127.1 | 1126.2 | 1127.1 | 1128.0 | 1128.9 | 1129.8 | 1129.5 | 1128.2 | 1126.8 |
| 162.5° | 1145.8 | 1144.7 | 1143.6 | 1142.6 | 1143.6 | 1144.7 | 1145.8 | 1146.9 | 1146.7 | 1145.1 | 1143.6 |
| 165°   | 1167.4 | 1166.3 | 1165.2 | 1164.0 | 1165.2 | 1166.3 | 1167.4 | 1168.5 | 1168.3 | 1166.7 | 1165.2 |
| 167.5° | 1185.2 | 1184.0 | 1182.8 | 1181.6 | 1182.8 | 1184.0 | 1185.2 | 1186.3 | 1186.1 | 1184.6 | 1183.0 |
| 170°   | 1194.7 | 1193.4 | 1191.9 | 1190.6 | 1191.9 | 1193.4 | 1194.7 | 1196.1 | 1196.0 | 1194.4 | 1192.8 |
| 172.5° | 1202.0 | 1200.7 | 1199.3 | 1198.0 | 1199.3 | 1200.7 | 1202.0 | 1203.5 | 1203.3 | 1201.7 | 1200.1 |
| 175°   | 1210.0 | 1208.7 | 1207.3 | 1206.0 | 1207.3 | 1208.7 | 1210.0 | 1211.4 | 1211.2 | 1209.7 | 1208.1 |
| 177.5° | 1212.8 | 1211.8 | 1210.7 | 1209.6 | 1210.7 | 1211.8 | 1212.8 | 1214.0 | 1214.0 | 1212.8 | 1211.8 |
| 180°   | 1212.0 | 1212.0 | 1212.0 | 1212.0 | 1212.0 | 1212.0 | 1212.0 | 1212.0 | 1212.0 | 1212.0 | 1212.0 |



TEST NUMBER: P331854-840

CATALOG NUMBER: S122RDIW-S1005D970U840-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   | 250°   | 255°   | 260°   | 265°   | 270°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 2227.2 | 2227.2 | 2227.2 | 2227.2 | 2227.2 | 2227.2 | 2227.2 | 2227.2 | 2227.2 | 2227.2 | 2227.2 |
| 2.5°   | 2141.7 | 2150.4 | 2163.4 | 2170.8 | 2183.2 | 2191.3 | 2195.6 | 2203.6 | 2208.0 | 2223.5 | 2239.6 |
| 5°     | 2022.2 | 2034.5 | 2056.2 | 2076.3 | 2098.0 | 2120.4 | 2136.7 | 2155.3 | 2172.2 | 2201.6 | 2232.6 |
| 7.5°   | 1885.0 | 1902.2 | 1935.7 | 1967.8 | 2005.6 | 2037.3 | 2065.3 | 2097.0 | 2125.4 | 2167.5 | 2211.4 |
| 10°    | 1782.2 | 1812.4 | 1856.5 | 1886.7 | 1936.2 | 1967.9 | 2012.1 | 2046.9 | 2086.4 | 2142.0 | 2191.6 |
| 12.5°  | 1693.6 | 1730.1 | 1765.5 | 1807.5 | 1852.0 | 1904.8 | 1953.3 | 1998.0 | 2044.9 | 2102.4 | 2160.6 |
| 15°    | 1533.1 | 1585.7 | 1640.6 | 1683.1 | 1743.5 | 1799.3 | 1855.7 | 1916.1 | 1973.4 | 2042.3 | 2118.1 |
| 17.5°  | 1326.3 | 1387.3 | 1479.7 | 1552.6 | 1623.5 | 1679.3 | 1749.3 | 1822.3 | 1889.8 | 1972.9 | 2057.3 |
| 20°    | 1232.7 | 1277.7 | 1340.3 | 1438.7 | 1545.4 | 1605.0 | 1676.2 | 1756.7 | 1834.0 | 1924.6 | 2015.2 |
| 22.5°  | 1157.8 | 1197.8 | 1248.1 | 1324.7 | 1443.9 | 1525.1 | 1599.4 | 1681.1 | 1770.9 | 1863.3 | 1963.8 |
| 25°    | 1050.9 | 1078.7 | 1131.4 | 1193.3 | 1275.4 | 1409.2 | 1490.5 | 1572.5 | 1670.0 | 1769.1 | 1883.6 |
| 27.5°  | 970.6  | 995.6  | 1029.9 | 1088.9 | 1149.9 | 1246.1 | 1375.3 | 1464.8 | 1562.0 | 1673.4 | 1792.3 |
| 30°    | 909.3  | 938.7  | 976.6  | 1018.4 | 1085.0 | 1160.0 | 1289.3 | 1393.0 | 1488.9 | 1603.5 | 1730.4 |
| 32.5°  | 864.7  | 888.0  | 920.3  | 962.7  | 1018.1 | 1090.0 | 1193.3 | 1319.3 | 1412.8 | 1533.5 | 1666.0 |
| 35°    | 791.6  | 818.8  | 845.1  | 885.3  | 930.2  | 995.9  | 1074.1 | 1208.8 | 1301.6 | 1420.8 | 1553.9 |
| 37.5°  | 731.4  | 748.0  | 777.1  | 809.0  | 856.4  | 905.4  | 973.2  | 1094.0 | 1194.4 | 1311.4 | 1447.6 |
| 40°    | 685.6  | 706.5  | 728.2  | 763.8  | 802.5  | 849.7  | 916.3  | 1006.0 | 1121.4 | 1235.9 | 1369.0 |
| 42.5°  | 641.1  | 667.5  | 690.4  | 714.3  | 756.7  | 803.9  | 858.1  | 934.2  | 1052.0 | 1160.3 | 1289.7 |
| 45°    | 587.3  | 604.4  | 628.3  | 654.7  | 689.5  | 729.7  | 777.7  | 844.2  | 957.3  | 1050.9 | 1172.5 |
| 47.5°  | 524.8  | 549.8  | 565.4  | 591.1  | 624.2  | 662.6  | 707.2  | 764.8  | 856.2  | 943.9  | 1056.6 |
| 50°    | 482.1  | 507.7  | 530.1  | 553.3  | 582.7  | 619.9  | 657.0  | 712.8  | 786.3  | 878.4  | 983.6  |
| 52.5°  | 445.6  | 468.1  | 489.9  | 513.1  | 541.9  | 575.9  | 611.2  | 660.1  | 723.1  | 807.8  | 909.9  |
| 55°    | 395.5  | 409.4  | 431.8  | 455.0  | 480.6  | 513.1  | 547.1  | 588.1  | 642.3  | 713.5  | 796.3  |
| 57.5°  | 344.1  | 360.1  | 378.0  | 401.3  | 427.2  | 452.1  | 482.7  | 519.9  | 562.6  | 627.0  | 697.9  |
| 60°    | 315.0  | 327.3  | 342.0  | 366.1  | 390.0  | 412.4  | 441.9  | 472.8  | 513.1  | 568.8  | 629.1  |
| 62.5°  | 282.8  | 294.6  | 308.0  | 328.9  | 352.2  | 372.8  | 398.5  | 431.3  | 465.4  | 516.1  | 569.1  |
| 65°    | 229.0  | 246.1  | 259.2  | 277.8  | 297.2  | 318.8  | 338.9  | 365.3  | 395.5  | 435.7  | 482.9  |
| 67.5°  | 190.0  | 198.5  | 210.8  | 227.6  | 247.5  | 266.1  | 285.1  | 305.7  | 331.8  | 362.9  | 400.4  |
| 70°    | 172.6  | 175.7  | 178.0  | 194.2  | 212.8  | 231.4  | 249.2  | 268.5  | 290.9  | 316.5  | 349.0  |
| 72.5°  | 152.2  | 155.2  | 158.1  | 165.1  | 180.0  | 198.5  | 217.0  | 231.4  | 252.6  | 273.8  | 300.1  |
| 75°    | 120.7  | 125.3  | 127.6  | 131.6  | 136.9  | 149.4  | 166.4  | 180.3  | 192.7  | 208.9  | 229.8  |
| 77.5°  | 91.9   | 94.5   | 97.0   | 101.1  | 104.5  | 110.2  | 119.8  | 132.3  | 143.9  | 153.4  | 167.7  |
| 80°    | 72.7   | 73.5   | 76.6   | 78.2   | 82.8   | 86.6   | 91.3   | 101.4  | 113.0  | 116.8  | 126.9  |
| 82.5°  | 54.8   | 55.5   | 58.1   | 59.6   | 61.8   | 65.0   | 70.9   | 73.5   | 82.6   | 87.8   | 94.1   |
| 85°    | 30.2   | 29.4   | 31.7   | 31.7   | 33.3   | 34.8   | 36.4   | 40.2   | 42.5   | 48.8   | 50.3   |
| 87.5°  | 16.4   | 16.5   | 16.1   | 15.0   | 14.0   | 14.3   | 14.1   | 14.2   | 14.9   | 16.3   | 18.2   |
| 90°    | 35.3   | 35.7   | 30.8   | 25.8   | 20.8   | 15.8   | 11.9   | 9.2    | 6.5    | 3.7    | 1.0    |
| 92.5°  | 32.6   | 32.5   | 31.3   | 30.2   | 29.0   | 27.8   | 26.3   | 24.2   | 22.2   | 20.2   | 18.2   |
| 95°    | 65.4   | 65.4   | 65.0   | 64.5   | 64.1   | 63.6   | 62.3   | 60.0   | 57.8   | 55.4   | 53.2   |
| 97.5°  | 110.1  | 110.1  | 109.2  | 108.4  | 107.4  | 106.6  | 105.1  | 103.2  | 101.2  | 99.2   | 97.1   |
| 100°   | 141.2  | 141.2  | 140.5  | 139.8  | 139.1  | 138.5  | 137.1  | 135.3  | 133.5  | 131.7  | 129.9  |
| 102.5° | 174.9  | 174.7  | 173.8  | 173.0  | 172.1  | 171.3  | 170.1  | 168.6  | 167.1  | 165.7  | 164.3  |
| 105°   | 225.5  | 225.0  | 224.6  | 224.1  | 223.7  | 223.2  | 222.7  | 222.0  | 221.3  | 220.6  | 219.9  |
| 107.5° | 280.6  | 280.4  | 280.4  | 280.4  | 280.4  | 280.4  | 279.9  | 278.9  | 277.9  | 277.0  | 276.0  |
| 110°   | 318.1  | 318.1  | 318.1  | 318.1  | 318.1  | 318.1  | 317.4  | 316.1  | 314.7  | 313.4  | 311.9  |



TEST NUMBER: P331854-840

CATALOG NUMBER: S122RDIW-S1005D970U840-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   | 250°   | 255°   | 260°   | 265°   | 270°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 356.0  | 356.6  | 356.8  | 356.9  | 357.1  | 357.3  | 356.7  | 355.4  | 354.0  | 352.6  | 351.2  |
| 115°   | 413.0  | 413.2  | 413.6  | 414.1  | 414.5  | 415.1  | 414.5  | 413.2  | 411.8  | 410.5  | 409.1  |
| 117.5° | 468.8  | 469.3  | 470.6  | 471.8  | 473.1  | 474.3  | 474.1  | 472.3  | 470.5  | 468.7  | 466.9  |
| 120°   | 505.3  | 505.3  | 507.2  | 509.0  | 510.8  | 512.6  | 512.6  | 510.8  | 509.0  | 507.2  | 505.3  |
| 122.5° | 544.0  | 544.5  | 545.8  | 547.1  | 548.4  | 549.7  | 549.2  | 547.0  | 544.8  | 542.7  | 540.5  |
| 125°   | 600.8  | 601.5  | 602.1  | 602.8  | 603.5  | 604.2  | 603.5  | 601.5  | 599.4  | 597.3  | 595.3  |
| 127.5° | 655.8  | 656.7  | 657.5  | 658.3  | 659.1  | 659.9  | 659.0  | 656.5  | 653.9  | 651.3  | 648.7  |
| 130°   | 693.1  | 693.5  | 694.0  | 694.4  | 694.9  | 695.3  | 694.1  | 691.2  | 688.1  | 685.2  | 682.3  |
| 132.5° | 730.1  | 731.1  | 731.0  | 730.9  | 730.8  | 730.7  | 729.5  | 727.1  | 724.7  | 722.3  | 719.8  |
| 135°   | 783.3  | 783.5  | 783.0  | 782.5  | 782.1  | 781.6  | 780.2  | 777.7  | 775.2  | 772.7  | 770.2  |
| 137.5° | 834.9  | 835.1  | 834.5  | 833.8  | 833.2  | 832.7  | 831.3  | 829.3  | 827.3  | 825.3  | 823.1  |
| 140°   | 869.4  | 869.4  | 868.3  | 867.2  | 866.1  | 864.8  | 863.2  | 861.2  | 859.2  | 857.2  | 855.1  |
| 142.5° | 900.7  | 900.5  | 899.8  | 899.0  | 898.2  | 897.5  | 896.1  | 893.9  | 891.9  | 889.9  | 887.9  |
| 145°   | 948.4  | 948.2  | 946.8  | 945.4  | 944.1  | 942.7  | 941.3  | 939.7  | 938.1  | 936.4  | 934.8  |
| 147.5° | 990.0  | 989.5  | 988.6  | 987.6  | 986.7  | 985.8  | 984.4  | 982.5  | 980.7  | 978.8  | 976.8  |
| 150°   | 1016.3 | 1015.7 | 1014.8 | 1013.9 | 1013.0 | 1012.1 | 1010.9 | 1009.6 | 1008.1 | 1006.8 | 1005.4 |
| 152.5° | 1042.7 | 1041.9 | 1040.8 | 1039.7 | 1038.6 | 1037.5 | 1036.3 | 1034.9 | 1033.6 | 1032.2 | 1030.9 |
| 155°   | 1076.1 | 1075.0 | 1074.3 | 1073.7 | 1073.0 | 1072.3 | 1071.6 | 1071.0 | 1070.3 | 1069.5 | 1068.8 |
| 157.5° | 1106.8 | 1105.3 | 1104.9 | 1104.5 | 1104.1 | 1103.7 | 1103.2 | 1102.8 | 1102.3 | 1101.9 | 1101.4 |
| 160°   | 1125.5 | 1124.1 | 1123.9 | 1123.7 | 1123.5 | 1123.2 | 1122.9 | 1122.4 | 1122.0 | 1121.5 | 1121.1 |
| 162.5° | 1142.1 | 1140.4 | 1140.2 | 1140.0 | 1139.8 | 1139.5 | 1139.4 | 1139.3 | 1139.2 | 1139.1 | 1139.0 |
| 165°   | 1163.6 | 1162.0 | 1162.0 | 1162.0 | 1162.0 | 1162.0 | 1162.1 | 1162.3 | 1162.6 | 1162.8 | 1163.0 |
| 167.5° | 1181.3 | 1179.7 | 1179.8 | 1179.8 | 1179.9 | 1179.9 | 1180.3 | 1180.9 | 1181.6 | 1182.3 | 1183.1 |
| 170°   | 1191.1 | 1189.6 | 1189.8 | 1190.0 | 1190.2 | 1190.5 | 1190.9 | 1191.6 | 1192.3 | 1193.0 | 1193.7 |
| 172.5° | 1198.5 | 1196.9 | 1197.2 | 1197.4 | 1197.6 | 1197.8 | 1198.3 | 1199.0 | 1199.6 | 1200.3 | 1201.0 |
| 175°   | 1206.5 | 1204.9 | 1205.4 | 1205.8 | 1206.3 | 1206.7 | 1207.3 | 1208.0 | 1208.7 | 1209.3 | 1210.0 |
| 177.5° | 1210.7 | 1209.6 | 1210.0 | 1210.3 | 1210.7 | 1211.0 | 1211.5 | 1212.0 | 1212.6 | 1213.2 | 1213.8 |
| 180°   | 1212.0 | 1212.0 | 1212.0 | 1212.0 | 1212.0 | 1212.0 | 1212.0 | 1212.0 | 1212.0 | 1212.0 | 1212.0 |



TEST NUMBER: P331854-840

CATALOG NUMBER: S122RDIW-S1005D970U840-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 275°   | 280°   | 285°   | 290°   | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 2227.2 | 2227.2 | 2227.2 | 2227.2 | 2227.2 | 2227.2 | 2227.2 | 2227.2 | 2227.2 | 2227.2 | 2227.2 |
| 2.5°   | 2240.2 | 2242.0 | 2254.4 | 2260.0 | 2271.2 | 2275.4 | 2280.5 | 2279.2 | 2279.2 | 2281.7 | 2299.0 |
| 5°     | 2245.0 | 2260.5 | 2283.7 | 2306.1 | 2327.8 | 2346.3 | 2358.7 | 2371.2 | 2375.8 | 2398.2 | 2418.3 |
| 7.5°   | 2237.0 | 2265.4 | 2303.8 | 2338.0 | 2379.0 | 2411.1 | 2437.7 | 2461.6 | 2478.1 | 2510.7 | 2544.2 |
| 10°    | 2226.4 | 2266.6 | 2310.0 | 2354.1 | 2410.5 | 2453.2 | 2496.5 | 2529.8 | 2540.6 | 2589.4 | 2617.3 |
| 12.5°  | 2205.3 | 2259.3 | 2314.3 | 2371.5 | 2426.7 | 2485.4 | 2533.0 | 2566.3 | 2604.3 | 2648.2 | 2699.6 |
| 15°    | 2173.8 | 2235.7 | 2307.6 | 2381.2 | 2460.1 | 2531.3 | 2582.4 | 2640.4 | 2682.2 | 2730.2 | 2775.1 |
| 17.5°  | 2128.5 | 2208.2 | 2299.7 | 2384.8 | 2476.1 | 2552.5 | 2622.8 | 2678.5 | 2708.0 | 2735.3 | 2742.0 |
| 20°    | 2092.5 | 2178.5 | 2286.0 | 2386.6 | 2477.9 | 2566.2 | 2635.7 | 2682.2 | 2690.0 | 2690.7 | 2649.7 |
| 22.5°  | 2053.6 | 2150.6 | 2263.1 | 2366.2 | 2475.5 | 2573.5 | 2627.8 | 2647.6 | 2616.9 | 2564.5 | 2485.1 |
| 25°    | 1981.9 | 2094.1 | 2224.8 | 2342.5 | 2461.6 | 2554.6 | 2573.1 | 2538.3 | 2430.7 | 2317.7 | 2174.5 |
| 27.5°  | 1904.2 | 2030.3 | 2170.5 | 2301.3 | 2428.2 | 2485.8 | 2445.7 | 2320.2 | 2126.5 | 1958.0 | 1753.9 |
| 30°    | 1847.2 | 1988.8 | 2126.6 | 2272.8 | 2390.5 | 2415.2 | 2323.2 | 2138.2 | 1912.2 | 1658.4 | 1454.9 |
| 32.5°  | 1782.2 | 1930.7 | 2082.0 | 2233.2 | 2331.7 | 2307.5 | 2155.4 | 1927.7 | 1662.7 | 1413.2 | 1220.8 |
| 35°    | 1689.3 | 1842.6 | 2005.9 | 2157.6 | 2220.2 | 2115.8 | 1888.2 | 1591.9 | 1321.0 | 1088.0 | 955.7  |
| 37.5°  | 1582.1 | 1749.0 | 1918.7 | 2058.0 | 2053.6 | 1879.5 | 1569.5 | 1263.5 | 1035.9 | 898.2  | 803.9  |
| 40°    | 1505.9 | 1674.7 | 1858.1 | 1975.7 | 1925.4 | 1698.6 | 1362.8 | 1074.1 | 907.8  | 797.9  | 729.0  |
| 42.5°  | 1432.9 | 1602.3 | 1784.4 | 1877.8 | 1790.4 | 1511.7 | 1177.1 | 950.9  | 813.6  | 727.9  | 672.1  |
| 45°    | 1308.6 | 1487.3 | 1656.1 | 1707.9 | 1551.6 | 1244.4 | 951.9  | 787.8  | 696.5  | 633.0  | 594.3  |
| 47.5°  | 1187.1 | 1362.9 | 1516.9 | 1517.8 | 1306.5 | 1009.2 | 802.9  | 681.8  | 603.8  | 554.7  | 526.5  |
| 50°    | 1112.8 | 1280.0 | 1409.2 | 1389.1 | 1149.2 | 897.7  | 718.1  | 613.7  | 548.7  | 510.8  | 481.3  |
| 52.5°  | 1029.3 | 1191.4 | 1303.3 | 1246.1 | 1016.1 | 789.9  | 642.0  | 554.2  | 500.4  | 467.4  | 441.1  |
| 55°    | 907.8  | 1051.7 | 1130.6 | 1043.9 | 828.8  | 657.0  | 542.5  | 473.6  | 433.3  | 405.5  | 383.0  |
| 57.5°  | 788.4  | 907.2  | 956.8  | 855.9  | 682.7  | 544.8  | 458.9  | 407.2  | 367.3  | 347.3  | 335.7  |
| 60°    | 713.5  | 814.9  | 849.7  | 738.3  | 593.6  | 476.7  | 406.3  | 358.3  | 328.9  | 315.8  | 304.2  |
| 62.5°  | 639.9  | 722.7  | 737.0  | 634.9  | 517.5  | 417.3  | 356.8  | 316.2  | 296.7  | 284.2  | 273.2  |
| 65°    | 530.9  | 590.5  | 583.5  | 501.5  | 409.4  | 331.2  | 287.1  | 262.4  | 247.6  | 229.8  | 210.5  |
| 67.5°  | 437.1  | 473.4  | 451.5  | 390.0  | 312.5  | 257.4  | 228.6  | 209.8  | 191.6  | 174.7  | 170.3  |
| 70°    | 377.7  | 398.5  | 375.4  | 318.8  | 256.1  | 215.9  | 192.7  | 170.3  | 159.5  | 155.5  | 148.6  |
| 72.5°  | 320.7  | 328.0  | 302.9  | 254.5  | 208.4  | 178.7  | 156.1  | 143.6  | 137.7  | 134.5  | 130.0  |
| 75°    | 240.7  | 235.3  | 213.6  | 175.7  | 144.7  | 124.6  | 117.6  | 113.0  | 109.1  | 106.0  | 103.7  |
| 77.5°  | 169.1  | 161.1  | 141.8  | 117.0  | 100.8  | 91.2   | 86.9   | 84.5   | 82.6   | 81.1   | 78.8   |
| 80°    | 126.9  | 121.5  | 102.2  | 83.6   | 76.6   | 72.0   | 69.7   | 66.6   | 66.6   | 65.0   | 62.7   |
| 82.5°  | 92.9   | 86.8   | 70.0   | 61.3   | 57.5   | 54.6   | 52.9   | 51.1   | 50.5   | 50.8   | 49.1   |
| 85°    | 48.8   | 39.5   | 34.8   | 33.3   | 31.0   | 29.4   | 30.2   | 28.7   | 28.7   | 28.7   | 27.9   |
| 87.5°  | 15.7   | 13.0   | 13.0   | 12.9   | 14.3   | 15.3   | 15.7   | 16.7   | 18.3   | 17.6   | 18.1   |
| 90°    | 3.7    | 6.5    | 9.2    | 11.9   | 15.8   | 20.8   | 25.8   | 30.8   | 35.7   | 35.3   | 34.8   |
| 92.5°  | 20.2   | 22.2   | 24.2   | 26.3   | 27.8   | 29.0   | 30.2   | 31.3   | 32.5   | 32.6   | 32.7   |
| 95°    | 55.4   | 57.8   | 60.0   | 62.3   | 63.6   | 64.1   | 64.5   | 65.0   | 65.4   | 65.4   | 65.4   |
| 97.5°  | 99.2   | 101.2  | 103.2  | 105.1  | 106.6  | 107.4  | 108.4  | 109.2  | 110.1  | 110.1  | 110.1  |
| 100°   | 131.7  | 133.5  | 135.3  | 137.1  | 138.5  | 139.1  | 139.8  | 140.5  | 141.2  | 141.2  | 141.2  |
| 102.5° | 165.7  | 167.1  | 168.6  | 170.1  | 171.3  | 172.1  | 173.0  | 173.8  | 174.7  | 174.9  | 175.1  |
| 105°   | 220.6  | 221.3  | 222.0  | 222.7  | 223.2  | 223.7  | 224.1  | 224.6  | 225.0  | 225.5  | 225.9  |
| 107.5° | 277.0  | 277.9  | 278.9  | 279.9  | 280.4  | 280.4  | 280.4  | 280.4  | 280.4  | 280.6  | 280.8  |
| 110°   | 313.4  | 314.7  | 316.1  | 317.4  | 318.1  | 318.1  | 318.1  | 318.1  | 318.1  | 318.1  | 318.1  |





TEST NUMBER: P331854-840

CATALOG NUMBER: S122RDIW-S1005D970U840-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 275°   | 280°   | 285°   | 290°   | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 352.6  | 354.0  | 355.4  | 356.7  | 357.3  | 357.1  | 356.9  | 356.8  | 356.6  | 356.0  | 355.5  |
| 115°   | 410.5  | 411.8  | 413.2  | 414.5  | 415.1  | 414.5  | 414.1  | 413.6  | 413.2  | 413.0  | 412.7  |
| 117.5° | 468.7  | 470.5  | 472.3  | 474.1  | 474.3  | 473.1  | 471.8  | 470.6  | 469.3  | 468.8  | 468.2  |
| 120°   | 507.2  | 509.0  | 510.8  | 512.6  | 512.6  | 510.8  | 509.0  | 507.2  | 505.3  | 505.3  | 505.3  |
| 122.5° | 542.7  | 544.8  | 547.0  | 549.2  | 549.7  | 548.4  | 547.1  | 545.8  | 544.5  | 544.0  | 543.5  |
| 125°   | 597.3  | 599.4  | 601.5  | 603.5  | 604.2  | 603.5  | 602.8  | 602.1  | 601.5  | 600.8  | 600.1  |
| 127.5° | 651.3  | 653.9  | 656.5  | 659.0  | 659.9  | 659.1  | 658.3  | 657.5  | 656.7  | 655.8  | 655.0  |
| 130°   | 685.2  | 688.1  | 691.2  | 694.1  | 695.3  | 694.9  | 694.4  | 694.0  | 693.5  | 693.1  | 692.6  |
| 132.5° | 722.3  | 724.7  | 727.1  | 729.5  | 730.7  | 730.8  | 730.9  | 731.0  | 731.1  | 730.1  | 729.1  |
| 135°   | 772.7  | 775.2  | 777.7  | 780.2  | 781.6  | 782.1  | 782.5  | 783.0  | 783.5  | 783.3  | 783.0  |
| 137.5° | 825.3  | 827.3  | 829.3  | 831.3  | 832.7  | 833.2  | 833.8  | 834.5  | 835.1  | 834.9  | 834.7  |
| 140°   | 857.2  | 859.2  | 861.2  | 863.2  | 864.8  | 866.1  | 867.2  | 868.3  | 869.4  | 869.4  | 869.4  |
| 142.5° | 889.9  | 891.9  | 893.9  | 896.1  | 897.5  | 898.2  | 899.0  | 899.8  | 900.5  | 900.7  | 900.9  |
| 145°   | 936.4  | 938.1  | 939.7  | 941.3  | 942.7  | 944.1  | 945.4  | 946.8  | 948.2  | 948.4  | 948.7  |
| 147.5° | 978.8  | 980.7  | 982.5  | 984.4  | 985.8  | 986.7  | 987.6  | 988.6  | 989.5  | 990.0  | 990.5  |
| 150°   | 1006.8 | 1008.1 | 1009.6 | 1010.9 | 1012.1 | 1013.0 | 1013.9 | 1014.8 | 1015.7 | 1016.3 | 1017.0 |
| 152.5° | 1032.2 | 1033.6 | 1034.9 | 1036.3 | 1037.5 | 1038.6 | 1039.7 | 1040.8 | 1041.9 | 1042.7 | 1043.6 |
| 155°   | 1069.5 | 1070.3 | 1071.0 | 1071.6 | 1072.3 | 1073.0 | 1073.7 | 1074.3 | 1075.0 | 1076.1 | 1077.3 |
| 157.5° | 1101.9 | 1102.3 | 1102.8 | 1103.2 | 1103.7 | 1104.1 | 1104.5 | 1104.9 | 1105.3 | 1106.8 | 1108.4 |
| 160°   | 1121.5 | 1122.0 | 1122.4 | 1122.9 | 1123.2 | 1123.5 | 1123.7 | 1123.9 | 1124.1 | 1125.5 | 1126.8 |
| 162.5° | 1139.1 | 1139.2 | 1139.3 | 1139.4 | 1139.5 | 1139.8 | 1140.0 | 1140.2 | 1140.4 | 1142.1 | 1143.6 |
| 165°   | 1162.8 | 1162.6 | 1162.3 | 1162.1 | 1162.0 | 1162.0 | 1162.0 | 1162.0 | 1162.0 | 1163.6 | 1165.2 |
| 167.5° | 1182.3 | 1181.6 | 1180.9 | 1180.3 | 1179.9 | 1179.9 | 1179.8 | 1179.8 | 1179.7 | 1181.3 | 1183.0 |
| 170°   | 1193.0 | 1192.3 | 1191.6 | 1190.9 | 1190.5 | 1190.2 | 1190.0 | 1189.8 | 1189.6 | 1191.1 | 1192.8 |
| 172.5° | 1200.3 | 1199.6 | 1199.0 | 1198.3 | 1197.8 | 1197.6 | 1197.4 | 1197.2 | 1196.9 | 1198.5 | 1200.1 |
| 175°   | 1209.3 | 1208.7 | 1208.0 | 1207.3 | 1206.7 | 1206.3 | 1205.8 | 1205.4 | 1204.9 | 1206.5 | 1208.1 |
| 177.5° | 1213.2 | 1212.6 | 1212.0 | 1211.5 | 1211.0 | 1210.7 | 1210.3 | 1210.0 | 1209.6 | 1210.7 | 1211.8 |
| 180°   | 1212.0 | 1212.0 | 1212.0 | 1212.0 | 1212.0 | 1212.0 | 1212.0 | 1212.0 | 1212.0 | 1212.0 | 1212.0 |



TEST NUMBER: P331854-840

CATALOG NUMBER: S122RDIW-S1005D970U840-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 330°   | 335°   | 340°   | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 2227.2 | 2227.2 | 2227.2 | 2227.2 | 2227.2 | 2227.2 | 2227.2 |
| 2.5°   | 2305.2 | 2313.2 | 2316.9 | 2316.9 | 2321.3 | 2319.5 | 2317.5 |
| 5°     | 2437.7 | 2452.4 | 2455.5 | 2469.4 | 2479.4 | 2476.4 | 2477.9 |
| 7.5°   | 2569.4 | 2593.0 | 2616.5 | 2627.2 | 2628.8 | 2635.0 | 2637.4 |
| 10°    | 2650.5 | 2669.9 | 2706.2 | 2700.8 | 2727.8 | 2743.4 | 2717.8 |
| 12.5°  | 2728.5 | 2754.6 | 2779.9 | 2786.8 | 2802.2 | 2807.1 | 2797.0 |
| 15°    | 2799.0 | 2813.0 | 2814.6 | 2810.7 | 2815.3 | 2811.5 | 2796.7 |
| 17.5°  | 2733.1 | 2710.6 | 2664.7 | 2643.0 | 2625.9 | 2600.5 | 2590.3 |
| 20°    | 2624.1 | 2557.6 | 2480.2 | 2449.3 | 2412.9 | 2341.7 | 2358.7 |
| 22.5°  | 2388.9 | 2313.1 | 2235.7 | 2145.4 | 2102.1 | 2034.7 | 2030.6 |
| 25°    | 2022.9 | 1892.1 | 1748.2 | 1647.6 | 1588.7 | 1521.5 | 1492.0 |
| 27.5°  | 1572.8 | 1408.2 | 1290.2 | 1230.4 | 1176.1 | 1122.8 | 1120.5 |
| 30°    | 1276.9 | 1153.1 | 1061.8 | 1010.7 | 977.3  | 954.9  | 959.6  |
| 32.5°  | 1076.3 | 991.5  | 929.9  | 887.5  | 862.8  | 846.0  | 845.7  |
| 35°    | 879.9  | 821.8  | 782.3  | 764.6  | 746.8  | 734.4  | 735.2  |
| 37.5°  | 753.0  | 718.1  | 696.2  | 676.5  | 665.4  | 659.3  | 655.9  |
| 40°    | 687.9  | 659.3  | 642.3  | 630.7  | 621.4  | 612.9  | 611.4  |
| 42.5°  | 636.6  | 612.9  | 595.9  | 586.7  | 578.0  | 572.1  | 570.5  |
| 45°    | 564.9  | 545.5  | 530.1  | 520.1  | 516.1  | 510.8  | 510.8  |
| 47.5°  | 502.5  | 483.5  | 471.4  | 465.1  | 458.5  | 454.8  | 454.7  |
| 50°    | 460.5  | 445.8  | 434.9  | 431.0  | 425.7  | 423.3  | 422.5  |
| 52.5°  | 422.7  | 411.7  | 403.9  | 401.3  | 399.0  | 396.1  | 396.6  |
| 55°    | 371.4  | 365.3  | 362.1  | 359.8  | 356.0  | 351.3  | 354.5  |
| 57.5°  | 328.3  | 323.1  | 314.7  | 307.4  | 303.9  | 300.5  | 301.8  |
| 60°    | 297.9  | 287.1  | 276.3  | 267.7  | 265.4  | 258.4  | 258.4  |
| 62.5°  | 259.5  | 244.4  | 231.1  | 226.3  | 224.0  | 220.8  | 220.0  |
| 65°    | 199.7  | 193.5  | 190.4  | 187.2  | 185.7  | 185.7  | 184.2  |
| 67.5°  | 165.4  | 163.0  | 159.6  | 158.8  | 157.2  | 156.8  | 156.3  |
| 70°    | 146.2  | 143.2  | 141.6  | 140.9  | 139.3  | 140.1  | 137.7  |
| 72.5°  | 127.6  | 125.2  | 124.9  | 122.9  | 122.0  | 122.1  | 120.4  |
| 75°    | 100.6  | 100.6  | 99.9   | 99.1   | 97.6   | 96.7   | 97.6   |
| 77.5°  | 77.4   | 77.6   | 76.1   | 76.0   | 75.8   | 76.0   | 75.2   |
| 80°    | 61.9   | 62.7   | 61.9   | 61.1   | 60.4   | 61.1   | 60.4   |
| 82.5°  | 48.9   | 47.9   | 47.7   | 47.6   | 47.4   | 46.9   | 46.8   |
| 85°    | 27.9   | 28.7   | 27.9   | 27.1   | 27.1   | 27.1   | 27.9   |
| 87.5°  | 17.4   | 17.4   | 17.3   | 17.4   | 17.4   | 17.5   | 16.9   |
| 90°    | 34.4   | 33.9   | 33.8   | 34.1   | 34.3   | 34.5   | 34.7   |
| 92.5°  | 32.8   | 32.9   | 32.9   | 33.0   | 33.0   | 33.1   | 33.1   |
| 95°    | 65.4   | 65.4   | 65.2   | 64.7   | 64.3   | 63.8   | 63.4   |
| 97.5°  | 110.1  | 110.1  | 110.1  | 110.0  | 110.0  | 109.9  | 109.9  |
| 100°   | 141.2  | 141.2  | 141.1  | 140.8  | 140.6  | 140.4  | 140.2  |
| 102.5° | 175.2  | 175.4  | 175.4  | 175.2  | 174.9  | 174.7  | 174.5  |
| 105°   | 226.4  | 226.8  | 227.1  | 227.1  | 227.1  | 227.1  | 227.1  |
| 107.5° | 281.0  | 281.1  | 280.7  | 279.7  | 278.6  | 277.6  | 276.6  |
| 110°   | 318.1  | 318.1  | 317.8  | 317.1  | 316.4  | 315.7  | 315.1  |



TEST NUMBER: P331854-840

CATALOG NUMBER: S122RDIW-S1005D970U840-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 330°   | 335°   | 340°   | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 355.0  | 354.4  | 353.9  | 353.4  | 352.8  | 352.3  | 351.8  |
| 115°   | 412.5  | 412.3  | 411.8  | 411.2  | 410.5  | 409.8  | 409.1  |
| 117.5° | 467.7  | 467.1  | 466.5  | 465.9  | 465.1  | 464.4  | 463.7  |
| 120°   | 505.3  | 505.3  | 504.9  | 504.2  | 503.6  | 502.9  | 502.2  |
| 122.5° | 542.9  | 542.4  | 541.9  | 541.4  | 540.9  | 540.4  | 539.9  |
| 125°   | 599.4  | 598.7  | 598.2  | 598.0  | 597.8  | 597.5  | 597.3  |
| 127.5° | 654.2  | 653.4  | 652.6  | 651.9  | 651.2  | 650.5  | 649.7  |
| 130°   | 692.2  | 691.7  | 690.9  | 690.0  | 689.1  | 688.2  | 687.3  |
| 132.5° | 728.1  | 727.1  | 726.3  | 725.6  | 724.8  | 724.1  | 723.4  |
| 135°   | 782.8  | 782.5  | 782.1  | 781.4  | 780.7  | 780.1  | 779.4  |
| 137.5° | 834.6  | 834.4  | 833.7  | 832.8  | 831.9  | 831.0  | 830.1  |
| 140°   | 869.4  | 869.4  | 869.0  | 868.1  | 867.2  | 866.3  | 865.4  |
| 142.5° | 901.1  | 901.2  | 900.9  | 900.0  | 899.1  | 898.2  | 897.3  |
| 145°   | 948.9  | 949.1  | 948.8  | 947.9  | 947.0  | 946.0  | 945.1  |
| 147.5° | 991.0  | 991.5  | 991.3  | 990.5  | 989.6  | 988.8  | 987.8  |
| 150°   | 1017.7 | 1018.4 | 1018.4 | 1017.7 | 1017.0 | 1016.3 | 1015.7 |
| 152.5° | 1044.5 | 1045.3 | 1045.3 | 1044.5 | 1043.6 | 1042.7 | 1041.9 |
| 155°   | 1078.4 | 1079.5 | 1079.7 | 1079.1 | 1078.4 | 1077.7 | 1077.0 |
| 157.5° | 1109.9 | 1111.5 | 1111.7 | 1110.6 | 1109.5 | 1108.4 | 1107.3 |
| 160°   | 1128.2 | 1129.5 | 1129.8 | 1128.9 | 1128.0 | 1127.1 | 1126.2 |
| 162.5° | 1145.1 | 1146.7 | 1146.9 | 1145.8 | 1144.7 | 1143.6 | 1142.6 |
| 165°   | 1166.7 | 1168.3 | 1168.5 | 1167.4 | 1166.3 | 1165.2 | 1164.0 |
| 167.5° | 1184.6 | 1186.1 | 1186.3 | 1185.2 | 1184.0 | 1182.8 | 1181.6 |
| 170°   | 1194.4 | 1196.0 | 1196.1 | 1194.7 | 1193.4 | 1191.9 | 1190.6 |
| 172.5° | 1201.7 | 1203.3 | 1203.5 | 1202.0 | 1200.7 | 1199.3 | 1198.0 |
| 175°   | 1209.7 | 1211.2 | 1211.4 | 1210.0 | 1208.7 | 1207.3 | 1206.0 |
| 177.5° | 1212.8 | 1214.0 | 1214.0 | 1212.8 | 1211.8 | 1210.7 | 1209.6 |
| 180°   | 1212.0 | 1212.0 | 1212.0 | 1212.0 | 1212.0 | 1212.0 | 1212.0 |

(END OF REPORT)