

Scaled data based on original data using  
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-  
State Lighting Products

Test Report Prepared for  
Cooper Lighting Solutions

Brand: NEO-RAY

Report Number: P1009815

Luminaire Tested: S122RDIP-B290D1080UB35-4F0-XX-W2A-A1

Issue Date: 5/7/2025

**Test Information**

Test Method: LM-79-2019  
Report Number: P1009815  
REPORT IS A COMBINATION OF REPORTS P988041 AND P1007351  
Test Lab: INNOVATION CENTER  
Issue Date: 5/7/2025  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: NEO-RAY  
Catalog Number: S122RDIP-B290D1080UB35-4F0-XX-W2A-A1  
Description: Define 2 Regressed Direct/Indirect Pendant with 3500K BioUP LEDs {m-DER=0.721}  
{m-EER=0.792}  
Light Source: -  
Ballast/Driver: -

**Summary**

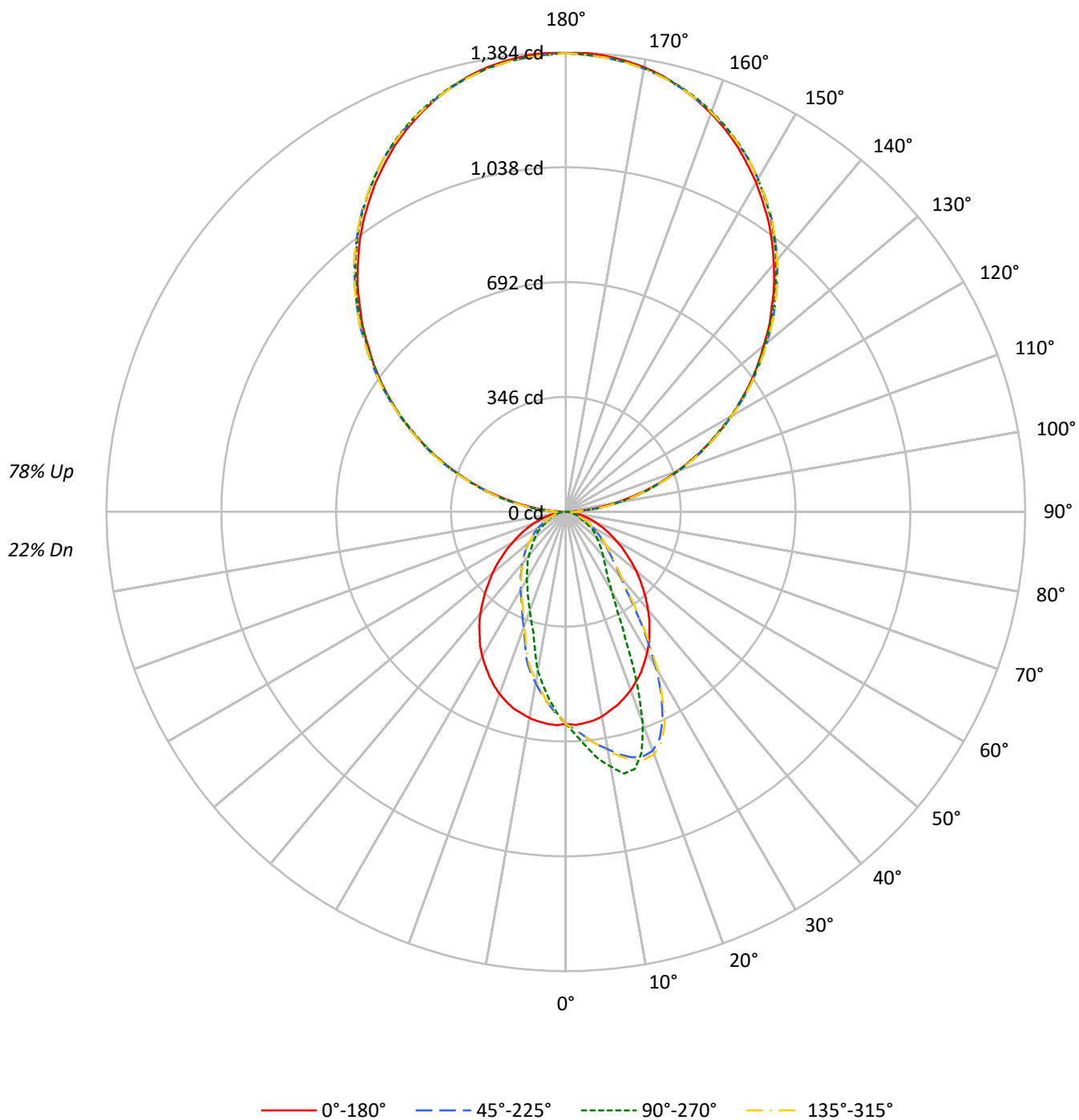
Lumens per Lamp: N/A  
Luminaire Lumens: 4970.0 lumens  
Efficiency: N/A  
Efficacy: 103.5 lumens/watt  
Spacing Criteria (0/90/45): 1.16 / 0.85 / 1.01  
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 4' x H: 0.1')  
CIE Type: Semi-Indirect

Input Watts (W): 48  
Input Voltage (V):  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT

TEST NUMBER: P1009815

CATALOG NUMBER: S122RDIP-B290D1080UB35-4F0-XX-W2A-A1

### Luminous Intensity Polar Plot



TEST NUMBER: P1009815

CATALOG NUMBER: S122RDIP-B290D1080UB35-4F0-XX-W2A-A1

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

|     |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| RF  | 20  |     |     |     | 20 |    |    |    |    | 20 |    |    |    |    | 20 |    |    |    |    | 20 |
| RC  | 80  |     |     |     | 70 |    |    |    |    | 50 |    |    |    |    | 30 |    |    |    |    | 0  |
| RW  | 70  | 50  | 30  | 10  | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 |
| RCR |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 0   | 101 | 101 | 101 | 101 | 89 | 89 | 89 | 89 | 68 | 68 | 68 | 49 | 49 | 49 | 31 | 31 | 31 | 31 | 31 | 22 |
| 1   | 92  | 88  | 84  | 81  | 81 | 78 | 75 | 72 | 60 | 58 | 56 | 43 | 42 | 41 | 28 | 27 | 26 | 26 | 26 | 19 |
| 2   | 84  | 77  | 71  | 67  | 74 | 69 | 64 | 60 | 53 | 50 | 47 | 38 | 36 | 35 | 25 | 24 | 23 | 23 | 23 | 17 |
| 3   | 77  | 68  | 61  | 56  | 68 | 61 | 55 | 50 | 47 | 43 | 40 | 34 | 32 | 30 | 22 | 21 | 20 | 20 | 20 | 15 |
| 4   | 70  | 60  | 53  | 47  | 62 | 54 | 48 | 43 | 42 | 38 | 34 | 31 | 28 | 26 | 20 | 19 | 17 | 17 | 17 | 13 |
| 5   | 65  | 54  | 46  | 41  | 57 | 48 | 42 | 37 | 37 | 33 | 30 | 28 | 25 | 22 | 18 | 17 | 15 | 15 | 15 | 12 |
| 6   | 59  | 48  | 41  | 35  | 53 | 43 | 37 | 32 | 34 | 29 | 26 | 25 | 22 | 20 | 17 | 15 | 14 | 14 | 14 | 10 |
| 7   | 55  | 44  | 36  | 31  | 49 | 39 | 33 | 28 | 31 | 26 | 23 | 23 | 20 | 18 | 15 | 14 | 12 | 12 | 12 | 9  |
| 8   | 51  | 39  | 32  | 27  | 45 | 35 | 29 | 25 | 28 | 23 | 20 | 21 | 18 | 16 | 14 | 12 | 11 | 11 | 11 | 9  |
| 9   | 47  | 36  | 29  | 24  | 42 | 32 | 26 | 22 | 26 | 21 | 18 | 19 | 16 | 14 | 13 | 11 | 10 | 10 | 10 | 8  |
| 10  | 44  | 33  | 26  | 22  | 39 | 30 | 24 | 20 | 24 | 19 | 16 | 18 | 15 | 13 | 12 | 11 | 9  | 9  | 9  | 7  |

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

|     | 0°    | 90°   | 180°  | 270°  |
|-----|-------|-------|-------|-------|
| 0°  | 10112 | 10112 | 10112 | 10112 |
| 5°  | 10136 | 10742 | 10171 | 8581  |
| 10° | 10024 | 11353 | 10096 | 7086  |
| 15° | 9806  | 11356 | 9972  | 5323  |
| 20° | 9545  | 9388  | 9752  | 4391  |
| 25° | 9228  | 5866  | 9428  | 3736  |
| 30° | 8823  | 3755  | 9063  | 3216  |
| 35° | 8330  | 2887  | 8599  | 2752  |
| 40° | 7782  | 2427  | 8114  | 2407  |
| 45° | 7194  | 2065  | 7495  | 2021  |
| 50° | 6593  | 1755  | 6901  | 1749  |
| 55° | 5926  | 1525  | 6246  | 1504  |
| 60° | 5335  | 1162  | 5617  | 1149  |
| 65° | 4781  | 874   | 5066  | 992   |
| 70° | 4170  | 699   | 4500  | 808   |
| 75° | 3524  | 536   | 3849  | 612   |
| 80° | 2802  | 364   | 3010  | 402   |
| 85° | 1949  | 188   | 2133  | 198   |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 165°

Vertical Angle: 45°

Luminance: 9250 cd/sqm

TEST NUMBER: P1009815

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 60.6   | 1.2       |
| 10°-20°   | 169.1  | 3.4       |
| 20°-30°   | 217.7  | 4.4       |
| 30°-40°   | 206.5  | 4.2       |
| 40°-50°   | 177.0  | 3.6       |
| 50°-60°   | 134.8  | 2.7       |
| 60°-70°   | 85.0   | 1.7       |
| 70°-80°   | 42.4   | 0.9       |
| 80°-90°   | 14.8   | 0.3       |
| 90°-100°  | 85.5   | 1.7       |
| 100°-110° | 271.7  | 5.5       |
| 110°-120° | 464.8  | 9.4       |
| 120°-130° | 611.3  | 12.3      |
| 130°-140° | 686.2  | 13.8      |
| 140°-150° | 672.9  | 13.5      |
| 150°-160° | 564.5  | 11.4      |
| 160°-170° | 374.4  | 7.5       |
| 170°-180° | 130.8  | 2.6       |
| 0°-30°    | 447.4  | 9.0       |
| 0°-40°    | 653.9  | 13.2      |
| 0°-60°    | 965.7  | 19.4      |
| 0°-90°    | 1107.9 | 22.3      |
| 90°-120°  | 822.0  | 16.5      |
| 90°-150°  | 2792.4 | 56.2      |
| 90°-180°  | 3862.0 | 77.7      |
| 0°-180°   | 4970.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°   | 90°  | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0°   | 639  | 639  | 639  | 639  | 639  |      |
| 5°   | 639  | 711  | 642  | 568  | 639  | 61   |
| 15°  | 602  | 802  | 613  | 376  | 602  | 169  |
| 25°  | 534  | 428  | 546  | 273  | 534  | 245  |
| 35°  | 439  | 211  | 453  | 201  | 439  | 274  |
| 45°  | 329  | 146  | 343  | 143  | 329  | 254  |
| 55°  | 222  | 102  | 234  | 100  | 222  | 200  |
| 65°  | 134  | 53   | 142  | 60   | 134  | 133  |
| 75°  | 63   | 28   | 69   | 32   | 63   | 68   |
| 85°  | 14   | 8    | 15   | 8    | 14   | 16   |
| 90°  | 1    | 40   | 1    | 40   | 1    | 5    |
| 95°  | 61   | 72   | 61   | 72   | 61   | 68   |
| 105° | 251  | 259  | 251  | 259  | 251  | 265  |
| 115° | 466  | 466  | 466  | 466  | 466  | 461  |
| 125° | 678  | 681  | 678  | 681  | 678  | 606  |
| 135° | 878  | 888  | 878  | 888  | 878  | 678  |
| 145° | 1066 | 1077 | 1066 | 1077 | 1066 | 666  |
| 155° | 1218 | 1228 | 1218 | 1228 | 1218 | 561  |
| 165° | 1325 | 1327 | 1325 | 1327 | 1325 | 374  |
| 175° | 1379 | 1374 | 1379 | 1374 | 1379 | 131  |
| 180° | 1381 | 1381 | 1381 | 1381 | 1381 |      |

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**CANDELA DISTRIBUTION (FULL):**

|        | 0°    | 5°    | 10°   | 15°   | 20°   | 22.5° | 25°   | 30°   | 35°   | 40°   | 45°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 638.8 | 638.8 | 638.8 | 638.8 | 638.8 | 638.8 | 638.8 | 638.8 | 638.8 | 638.8 | 638.8 |
| 2.5°   | 642.8 | 645.5 | 646.8 | 648.6 | 652.6 | 655.3 | 659.3 | 660.2 | 659.7 | 661.5 | 656.6 |
| 5°     | 639.3 | 645.1 | 650.4 | 654.8 | 661.9 | 666.4 | 671.3 | 677.0 | 678.4 | 685.0 | 681.0 |
| 7.5°   | 634.4 | 642.8 | 650.4 | 659.3 | 669.9 | 675.7 | 683.2 | 692.1 | 696.1 | 704.1 | 706.3 |
| 10°    | 626.4 | 638.4 | 651.3 | 660.6 | 675.2 | 685.5 | 692.6 | 706.8 | 716.1 | 728.1 | 726.3 |
| 12.5°  | 613.5 | 629.1 | 646.4 | 661.9 | 681.0 | 687.7 | 701.0 | 715.6 | 727.6 | 738.7 | 748.5 |
| 15°    | 602.4 | 620.2 | 639.3 | 658.4 | 680.1 | 692.6 | 705.9 | 725.0 | 737.8 | 757.4 | 765.8 |
| 17.5°  | 587.3 | 610.0 | 632.6 | 653.9 | 679.7 | 693.9 | 710.3 | 729.0 | 748.1 | 766.7 | 773.4 |
| 20°    | 571.8 | 596.2 | 620.6 | 649.5 | 678.8 | 692.6 | 709.4 | 732.5 | 751.2 | 765.8 | 765.8 |
| 22.5°  | 553.2 | 582.9 | 610.9 | 638.4 | 670.4 | 690.3 | 707.7 | 734.7 | 748.1 | 751.2 | 739.2 |
| 25°    | 534.5 | 564.3 | 594.9 | 629.1 | 665.5 | 683.2 | 702.8 | 728.1 | 732.5 | 720.1 | 689.0 |
| 27.5°  | 512.3 | 545.6 | 580.2 | 617.1 | 655.3 | 677.5 | 695.2 | 712.1 | 703.7 | 670.4 | 622.0 |
| 30°    | 489.7 | 525.6 | 564.7 | 599.8 | 645.9 | 666.4 | 681.5 | 686.3 | 659.7 | 605.5 | 542.9 |
| 32.5°  | 466.1 | 501.2 | 542.5 | 584.7 | 631.3 | 650.8 | 660.6 | 647.7 | 598.9 | 530.5 | 454.2 |
| 35°    | 438.6 | 478.1 | 521.2 | 565.1 | 611.3 | 626.0 | 631.7 | 600.2 | 537.6 | 449.3 | 373.4 |
| 37.5°  | 413.8 | 453.3 | 499.4 | 544.3 | 589.1 | 597.1 | 591.3 | 542.1 | 462.6 | 375.1 | 301.0 |
| 40°    | 384.5 | 426.6 | 471.9 | 522.1 | 558.9 | 561.2 | 546.9 | 483.0 | 384.5 | 302.3 | 256.6 |
| 42.5°  | 357.4 | 400.0 | 445.3 | 496.3 | 524.3 | 516.8 | 497.7 | 413.8 | 321.0 | 260.6 | 223.8 |
| 45°    | 329.4 | 369.8 | 418.6 | 463.9 | 483.9 | 466.1 | 437.3 | 348.1 | 269.5 | 224.2 | 195.8 |
| 47.5°  | 302.3 | 340.1 | 388.5 | 432.0 | 435.5 | 415.5 | 381.4 | 291.7 | 233.5 | 197.1 | 174.0 |
| 50°    | 275.7 | 313.4 | 358.7 | 394.7 | 391.1 | 363.6 | 325.0 | 253.5 | 202.9 | 174.0 | 154.9 |
| 52.5°  | 249.1 | 283.2 | 327.2 | 355.6 | 340.5 | 313.9 | 275.7 | 214.9 | 177.1 | 151.8 | 137.2 |
| 55°    | 222.4 | 254.4 | 292.1 | 315.6 | 291.7 | 261.0 | 234.0 | 184.2 | 153.6 | 133.2 | 122.1 |
| 57.5°  | 200.2 | 225.5 | 260.2 | 274.4 | 245.5 | 221.5 | 198.0 | 158.5 | 133.2 | 118.5 | 105.7 |
| 60°    | 175.8 | 198.9 | 227.3 | 235.7 | 206.0 | 186.5 | 166.5 | 134.1 | 114.1 | 101.2 | 92.8  |
| 62.5°  | 154.9 | 174.0 | 195.8 | 195.8 | 169.6 | 154.9 | 139.8 | 112.3 | 95.9  | 85.7  | 81.7  |
| 65°    | 134.5 | 148.3 | 163.8 | 162.0 | 139.8 | 127.0 | 115.0 | 92.8  | 80.4  | 73.3  | 69.3  |
| 67.5°  | 114.5 | 125.2 | 135.4 | 129.2 | 113.2 | 102.1 | 91.0  | 75.0  | 66.6  | 61.7  | 56.4  |
| 70°    | 96.3  | 104.8 | 110.1 | 104.3 | 88.3  | 79.0  | 71.0  | 60.4  | 53.7  | 47.5  | 44.4  |
| 72.5°  | 80.8  | 84.4  | 86.1  | 79.0  | 65.7  | 60.4  | 54.6  | 47.1  | 41.3  | 38.2  | 37.3  |
| 75°    | 63.0  | 66.1  | 64.8  | 59.5  | 48.4  | 44.4  | 40.0  | 34.6  | 33.3  | 31.5  | 30.6  |
| 77.5°  | 49.3  | 49.3  | 47.1  | 42.2  | 34.6  | 31.5  | 29.7  | 27.1  | 25.7  | 25.3  | 24.4  |
| 80°    | 35.1  | 34.6  | 33.3  | 28.0  | 23.5  | 21.8  | 21.8  | 20.0  | 19.5  | 18.6  | 18.6  |
| 82.5°  | 23.1  | 23.1  | 21.3  | 16.9  | 15.5  | 15.1  | 14.7  | 13.8  | 13.8  | 13.3  | 13.3  |
| 85°    | 13.8  | 12.9  | 10.7  | 9.3   | 8.9   | 8.9   | 8.4   | 8.0   | 8.4   | 8.0   | 8.0   |
| 87.5°  | 6.2   | 4.9   | 3.6   | 3.6   | 3.6   | 3.6   | 3.6   | 3.6   | 3.6   | 3.6   | 3.6   |
| 90°    | 1.2   | 4.3   | 7.4   | 10.5  | 13.6  | 15.2  | 18.0  | 23.7  | 29.4  | 35.1  | 40.8  |
| 92.5°  | 25.6  | 27.7  | 29.8  | 31.9  | 34.0  | 35.0  | 35.1  | 35.4  | 35.6  | 35.9  | 36.1  |
| 95°    | 60.6  | 63.2  | 65.8  | 68.4  | 71.0  | 72.3  | 72.6  | 73.1  | 73.6  | 74.1  | 74.6  |
| 97.5°  | 101.4 | 103.7 | 106.1 | 108.4 | 110.7 | 111.9 | 112.4 | 113.5 | 114.5 | 115.6 | 116.6 |
| 100°   | 148.0 | 150.1 | 152.2 | 154.3 | 156.4 | 157.4 | 157.8 | 158.6 | 159.3 | 160.1 | 160.9 |
| 102.5° | 197.0 | 198.6 | 200.1 | 201.7 | 203.2 | 204.0 | 204.5 | 205.6 | 206.6 | 207.7 | 208.7 |
| 105°   | 250.6 | 251.4 | 252.2 | 252.9 | 253.7 | 254.1 | 254.4 | 254.9 | 255.4 | 256.0 | 256.5 |
| 107.5° | 304.3 | 305.3 | 306.3 | 307.4 | 308.4 | 308.9 | 308.9 | 308.9 | 308.9 | 308.9 | 308.9 |
| 110°   | 355.5 | 357.1 | 358.6 | 360.2 | 361.7 | 362.5 | 362.5 | 362.5 | 362.5 | 362.5 | 362.5 |

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**CANDELA DISTRIBUTION (continued):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 22.5°  | 25°    | 30°    | 35°    | 40°    | 45°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 411.5  | 413.1  | 414.6  | 416.2  | 417.7  | 418.5  | 418.4  | 418.1  | 417.8  | 417.6  | 417.3  |
| 115°   | 466.3  | 467.9  | 469.4  | 471.0  | 472.5  | 473.3  | 473.0  | 472.5  | 472.0  | 471.5  | 471.0  |
| 117.5° | 521.1  | 523.2  | 525.2  | 527.3  | 529.4  | 530.4  | 529.8  | 528.5  | 527.2  | 525.9  | 524.6  |
| 120°   | 575.9  | 578.0  | 580.0  | 582.1  | 584.2  | 585.2  | 584.2  | 582.1  | 580.0  | 578.0  | 575.9  |
| 122.5° | 626.0  | 628.6  | 631.2  | 633.7  | 636.3  | 637.6  | 637.0  | 635.7  | 634.4  | 633.1  | 631.8  |
| 125°   | 678.4  | 680.7  | 683.1  | 685.4  | 687.7  | 688.9  | 688.5  | 687.7  | 687.0  | 686.2  | 685.4  |
| 127.5° | 729.7  | 732.6  | 735.4  | 738.3  | 741.2  | 742.6  | 742.1  | 741.0  | 740.0  | 738.9  | 737.9  |
| 130°   | 777.5  | 780.9  | 784.3  | 787.6  | 791.0  | 792.7  | 792.4  | 791.9  | 791.4  | 790.9  | 790.4  |
| 132.5° | 831.2  | 833.8  | 836.4  | 838.9  | 841.5  | 842.8  | 842.9  | 843.2  | 843.5  | 843.7  | 844.0  |
| 135°   | 877.8  | 880.6  | 883.5  | 886.3  | 889.2  | 890.6  | 890.9  | 891.4  | 891.9  | 892.4  | 892.9  |
| 137.5° | 929.1  | 931.4  | 933.8  | 936.1  | 938.4  | 939.6  | 939.9  | 940.4  | 940.9  | 941.4  | 941.9  |
| 140°   | 974.5  | 976.8  | 979.2  | 981.5  | 983.8  | 985.0  | 985.7  | 987.0  | 988.3  | 989.6  | 990.9  |
| 142.5° | 1021.2 | 1023.5 | 1025.9 | 1028.2 | 1030.5 | 1031.7 | 1032.1 | 1032.9 | 1033.6 | 1034.4 | 1035.2 |
| 145°   | 1065.5 | 1067.3 | 1069.1 | 1070.9 | 1072.7 | 1073.6 | 1074.4 | 1075.9 | 1077.5 | 1079.0 | 1080.6 |
| 147.5° | 1105.1 | 1107.4 | 1109.8 | 1112.1 | 1114.4 | 1115.6 | 1116.1 | 1117.2 | 1118.2 | 1119.3 | 1120.3 |
| 150°   | 1145.9 | 1147.5 | 1149.0 | 1150.6 | 1152.1 | 1152.9 | 1153.4 | 1154.5 | 1155.5 | 1156.6 | 1157.6 |
| 152.5° | 1182.0 | 1183.6 | 1185.1 | 1186.7 | 1188.2 | 1189.0 | 1189.7 | 1191.0 | 1192.3 | 1193.6 | 1194.9 |
| 155°   | 1218.2 | 1219.0 | 1219.8 | 1220.5 | 1221.3 | 1221.7 | 1222.1 | 1222.9 | 1223.6 | 1224.4 | 1225.2 |
| 157.5° | 1249.7 | 1250.2 | 1250.7 | 1251.2 | 1251.7 | 1252.0 | 1252.3 | 1252.8 | 1253.3 | 1253.8 | 1254.3 |
| 160°   | 1277.6 | 1278.1 | 1278.7 | 1279.2 | 1279.7 | 1280.0 | 1280.1 | 1280.4 | 1280.6 | 1280.9 | 1281.1 |
| 162.5° | 1303.3 | 1303.3 | 1303.3 | 1303.3 | 1303.3 | 1303.3 | 1303.4 | 1303.7 | 1303.9 | 1304.2 | 1304.4 |
| 165°   | 1325.4 | 1325.2 | 1324.9 | 1324.7 | 1324.4 | 1324.3 | 1324.3 | 1324.3 | 1324.3 | 1324.3 | 1324.3 |
| 167.5° | 1345.2 | 1344.4 | 1343.6 | 1342.9 | 1342.1 | 1341.7 | 1341.7 | 1341.7 | 1341.7 | 1341.7 | 1341.7 |
| 170°   | 1360.4 | 1359.6 | 1358.8 | 1358.1 | 1357.3 | 1356.9 | 1356.8 | 1356.5 | 1356.2 | 1356.0 | 1355.7 |
| 172.5° | 1370.9 | 1370.1 | 1369.3 | 1368.6 | 1367.8 | 1367.4 | 1367.3 | 1367.0 | 1366.7 | 1366.5 | 1366.2 |
| 175°   | 1379.0 | 1378.2 | 1377.4 | 1376.7 | 1375.9 | 1375.5 | 1375.2 | 1374.7 | 1374.2 | 1373.7 | 1373.2 |
| 177.5° | 1383.7 | 1382.9 | 1382.1 | 1381.4 | 1380.6 | 1380.2 | 1379.9 | 1379.4 | 1378.9 | 1378.4 | 1377.9 |
| 180°   | 1381.4 | 1381.4 | 1381.4 | 1381.4 | 1381.4 | 1381.4 | 1381.4 | 1381.4 | 1381.4 | 1381.4 | 1381.4 |

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**CANDELA DISTRIBUTION (continued):**

|        | 50°   | 55°   | 60°   | 65°   | 67.5° | 70°   | 75°   | 80°   | 85°   | 90°   | 95°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 638.8 | 638.8 | 638.8 | 638.8 | 638.8 | 638.8 | 638.8 | 638.8 | 638.8 | 638.8 | 638.8 |
| 2.5°   | 661.5 | 662.4 | 663.7 | 669.9 | 670.8 | 672.6 | 671.7 | 671.7 | 672.1 | 671.3 | 671.7 |
| 5°     | 689.9 | 691.2 | 697.9 | 705.4 | 707.2 | 705.4 | 707.7 | 710.8 | 710.8 | 710.8 | 709.9 |
| 7.5°   | 716.5 | 721.4 | 729.0 | 740.1 | 742.3 | 744.5 | 748.5 | 745.8 | 746.7 | 750.7 | 749.4 |
| 10°    | 742.3 | 749.4 | 757.8 | 767.1 | 772.0 | 775.1 | 776.9 | 780.9 | 790.2 | 779.6 | 783.6 |
| 12.5°  | 766.7 | 776.9 | 785.8 | 796.0 | 799.6 | 803.5 | 804.9 | 808.4 | 808.4 | 808.0 | 811.1 |
| 15°    | 782.7 | 792.0 | 800.0 | 806.7 | 807.5 | 806.7 | 805.8 | 806.2 | 807.5 | 802.2 | 805.3 |
| 17.5°  | 786.2 | 787.1 | 789.8 | 787.1 | 787.6 | 778.2 | 772.9 | 771.6 | 759.2 | 759.6 | 769.8 |
| 20°    | 768.9 | 753.8 | 749.8 | 735.2 | 726.3 | 702.3 | 701.4 | 694.8 | 668.6 | 676.6 | 674.8 |
| 22.5°  | 721.4 | 695.7 | 661.5 | 644.6 | 636.2 | 610.9 | 591.3 | 577.6 | 568.3 | 558.9 | 554.9 |
| 25°    | 658.8 | 617.1 | 568.7 | 535.4 | 530.5 | 507.0 | 471.0 | 454.2 | 434.2 | 428.0 | 438.6 |
| 27.5°  | 578.0 | 523.9 | 469.3 | 418.2 | 408.9 | 387.6 | 369.4 | 357.4 | 334.3 | 333.0 | 333.8 |
| 30°    | 468.4 | 413.8 | 368.0 | 334.7 | 311.7 | 301.9 | 289.9 | 281.0 | 271.7 | 275.2 | 276.1 |
| 32.5°  | 384.9 | 333.0 | 290.3 | 272.6 | 261.9 | 255.7 | 245.5 | 239.7 | 235.7 | 234.4 | 234.0 |
| 35°    | 305.9 | 271.3 | 252.2 | 234.8 | 228.6 | 224.2 | 216.6 | 214.0 | 210.4 | 210.9 | 210.9 |
| 37.5°  | 261.9 | 233.1 | 218.9 | 210.0 | 204.2 | 202.0 | 197.1 | 194.4 | 192.2 | 191.3 | 192.7 |
| 40°    | 226.0 | 206.0 | 197.1 | 189.1 | 184.2 | 183.4 | 180.7 | 177.6 | 174.9 | 175.4 | 176.7 |
| 42.5°  | 199.8 | 188.2 | 177.6 | 171.4 | 167.8 | 166.5 | 164.3 | 162.0 | 162.0 | 160.7 | 160.3 |
| 45°    | 178.9 | 169.6 | 160.7 | 154.9 | 152.7 | 150.9 | 148.3 | 147.8 | 146.1 | 146.5 | 146.9 |
| 47.5°  | 160.3 | 152.7 | 146.1 | 140.3 | 138.1 | 137.6 | 135.0 | 133.2 | 133.2 | 132.7 | 132.3 |
| 50°    | 143.4 | 135.8 | 130.1 | 127.0 | 123.9 | 123.0 | 122.5 | 122.1 | 121.2 | 121.2 | 121.6 |
| 52.5°  | 129.6 | 122.1 | 117.6 | 115.0 | 113.2 | 112.3 | 112.3 | 111.9 | 111.9 | 111.9 | 111.4 |
| 55°    | 114.5 | 108.3 | 104.8 | 103.9 | 103.0 | 102.6 | 102.1 | 101.2 | 100.8 | 101.7 | 100.8 |
| 57.5°  | 100.3 | 98.1  | 95.0  | 94.1  | 91.9  | 91.9  | 90.6  | 89.7  | 88.8  | 89.7  | 89.7  |
| 60°    | 89.2  | 86.1  | 84.4  | 81.7  | 79.9  | 78.1  | 75.9  | 75.5  | 74.6  | 74.1  | 73.7  |
| 62.5°  | 77.7  | 75.0  | 70.6  | 66.6  | 63.9  | 62.2  | 61.3  | 60.8  | 60.8  | 60.4  | 60.4  |
| 65°    | 64.8  | 58.6  | 56.4  | 55.0  | 54.6  | 54.2  | 53.3  | 52.8  | 53.3  | 52.8  | 53.3  |
| 67.5°  | 50.6  | 49.7  | 48.4  | 47.5  | 47.1  | 46.6  | 46.6  | 46.2  | 46.2  | 46.2  | 46.2  |
| 70°    | 44.0  | 41.7  | 41.3  | 40.4  | 40.4  | 40.0  | 40.0  | 40.0  | 40.0  | 39.5  | 40.4  |
| 72.5°  | 36.4  | 35.1  | 34.6  | 34.2  | 34.2  | 34.2  | 33.7  | 33.7  | 33.7  | 33.3  | 33.7  |
| 75°    | 29.7  | 29.3  | 28.4  | 28.4  | 28.0  | 28.4  | 28.0  | 28.0  | 27.5  | 28.0  | 28.0  |
| 77.5°  | 24.0  | 23.5  | 23.1  | 23.1  | 22.6  | 22.6  | 22.6  | 22.6  | 22.6  | 22.6  | 23.1  |
| 80°    | 18.2  | 17.8  | 17.3  | 17.8  | 17.3  | 17.8  | 17.3  | 17.3  | 17.8  | 17.3  | 17.3  |
| 82.5°  | 13.3  | 12.9  | 12.9  | 12.4  | 12.4  | 12.4  | 12.4  | 12.4  | 12.4  | 12.4  | 12.4  |
| 85°    | 8.0   | 7.5   | 7.5   | 8.0   | 7.5   | 8.0   | 7.5   | 7.5   | 7.5   | 8.0   | 8.0   |
| 87.5°  | 3.6   | 4.0   | 3.6   | 3.6   | 3.6   | 3.6   | 3.6   | 3.6   | 3.6   | 3.6   | 4.0   |
| 90°    | 40.3  | 39.8  | 39.3  | 38.8  | 38.5  | 38.6  | 38.9  | 39.1  | 39.4  | 39.6  | 39.4  |
| 92.5°  | 36.4  | 36.6  | 36.9  | 37.2  | 37.3  | 37.3  | 37.3  | 37.3  | 37.3  | 37.3  | 37.3  |
| 95°    | 74.6  | 74.6  | 74.6  | 74.6  | 74.6  | 74.3  | 73.8  | 73.3  | 72.8  | 72.3  | 72.8  |
| 97.5°  | 116.6 | 116.6 | 116.6 | 116.6 | 116.6 | 116.6 | 116.6 | 116.6 | 116.6 | 116.6 | 116.6 |
| 100°   | 160.9 | 160.9 | 160.9 | 160.9 | 160.9 | 160.8 | 160.5 | 160.2 | 160.0 | 159.7 | 160.0 |
| 102.5° | 208.9 | 209.2 | 209.4 | 209.7 | 209.8 | 209.7 | 209.4 | 209.2 | 208.9 | 208.7 | 208.9 |
| 105°   | 257.0 | 257.5 | 258.0 | 258.5 | 258.8 | 258.8 | 258.8 | 258.8 | 258.8 | 258.8 | 258.8 |
| 107.5° | 309.2 | 309.4 | 309.7 | 310.0 | 310.1 | 309.5 | 308.2 | 306.9 | 305.6 | 304.3 | 305.6 |
| 110°   | 362.5 | 362.5 | 362.5 | 362.5 | 362.5 | 362.1 | 361.3 | 360.6 | 359.8 | 359.0 | 359.8 |

TEST NUMBER: P1009815

CATALOG NUMBER: S122RDIP-B290D1080UB35-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (continued):**

|        | 50°    | 55°    | 60°    | 65°    | 67.5°  | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 416.5  | 415.7  | 415.0  | 414.2  | 413.8  | 413.5  | 413.0  | 412.5  | 412.0  | 411.5  | 412.0  |
| 115°   | 470.7  | 470.5  | 470.2  | 469.9  | 469.8  | 469.4  | 468.6  | 467.9  | 467.1  | 466.3  | 467.1  |
| 117.5° | 523.8  | 523.0  | 522.3  | 521.5  | 521.1  | 520.7  | 519.9  | 519.2  | 518.4  | 517.6  | 518.4  |
| 120°   | 575.9  | 575.9  | 575.9  | 575.9  | 575.9  | 575.5  | 574.7  | 574.0  | 573.2  | 572.4  | 573.2  |
| 122.5° | 631.0  | 630.2  | 629.5  | 628.7  | 628.3  | 628.0  | 627.5  | 627.0  | 626.5  | 626.0  | 626.5  |
| 125°   | 684.6  | 683.8  | 683.1  | 682.3  | 681.9  | 681.8  | 681.5  | 681.3  | 681.0  | 680.8  | 681.0  |
| 127.5° | 736.9  | 735.8  | 734.8  | 733.7  | 733.2  | 732.8  | 732.0  | 731.3  | 730.5  | 729.7  | 730.5  |
| 130°   | 789.9  | 789.3  | 788.8  | 788.3  | 788.0  | 787.5  | 786.5  | 785.4  | 784.4  | 783.4  | 784.4  |
| 132.5° | 842.7  | 841.4  | 840.1  | 838.8  | 838.2  | 837.8  | 837.0  | 836.3  | 835.5  | 834.7  | 835.5  |
| 135°   | 892.7  | 892.4  | 892.2  | 891.9  | 891.8  | 891.4  | 890.6  | 889.9  | 889.1  | 888.3  | 889.1  |
| 137.5° | 941.6  | 941.4  | 941.1  | 940.8  | 940.7  | 940.2  | 939.2  | 938.1  | 937.1  | 936.1  | 937.1  |
| 140°   | 990.9  | 990.9  | 990.9  | 990.9  | 990.9  | 990.4  | 989.3  | 988.3  | 987.2  | 986.2  | 987.2  |
| 142.5° | 1035.4 | 1035.7 | 1035.9 | 1036.2 | 1036.3 | 1035.8 | 1034.8 | 1033.7 | 1032.7 | 1031.7 | 1032.7 |
| 145°   | 1080.9 | 1081.1 | 1081.4 | 1081.7 | 1081.8 | 1081.3 | 1080.2 | 1079.2 | 1078.1 | 1077.1 | 1078.1 |
| 147.5° | 1120.8 | 1121.3 | 1121.8 | 1122.3 | 1122.6 | 1122.1 | 1121.0 | 1120.0 | 1118.9 | 1117.9 | 1118.9 |
| 150°   | 1158.4 | 1159.2 | 1159.9 | 1160.7 | 1161.1 | 1160.7 | 1159.9 | 1159.2 | 1158.4 | 1157.6 | 1158.4 |
| 152.5° | 1195.9 | 1196.9 | 1198.0 | 1199.0 | 1199.5 | 1199.0 | 1198.0 | 1196.9 | 1195.9 | 1194.9 | 1195.9 |
| 155°   | 1226.5 | 1227.8 | 1229.1 | 1230.4 | 1231.0 | 1230.6 | 1229.8 | 1229.1 | 1228.3 | 1227.5 | 1228.3 |
| 157.5° | 1256.1 | 1257.9 | 1259.8 | 1261.6 | 1262.5 | 1261.8 | 1260.5 | 1259.2 | 1257.9 | 1256.6 | 1257.9 |
| 160°   | 1282.7 | 1284.2 | 1285.8 | 1287.3 | 1288.1 | 1287.6 | 1286.6 | 1285.5 | 1284.5 | 1283.5 | 1284.5 |
| 162.5° | 1306.2 | 1308.0 | 1309.9 | 1311.7 | 1312.6 | 1312.0 | 1310.7 | 1309.4 | 1308.1 | 1306.8 | 1308.1 |
| 165°   | 1326.1 | 1327.9 | 1329.7 | 1331.5 | 1332.4 | 1331.8 | 1330.5 | 1329.2 | 1327.9 | 1326.6 | 1327.9 |
| 167.5° | 1343.5 | 1345.3 | 1347.2 | 1349.0 | 1349.9 | 1349.3 | 1348.0 | 1346.7 | 1345.4 | 1344.1 | 1345.4 |
| 170°   | 1357.5 | 1359.3 | 1361.2 | 1363.0 | 1363.9 | 1363.1 | 1361.6 | 1360.0 | 1358.5 | 1356.9 | 1358.5 |
| 172.5° | 1368.0 | 1369.8 | 1371.7 | 1373.5 | 1374.4 | 1373.6 | 1372.1 | 1370.5 | 1369.0 | 1367.4 | 1369.0 |
| 175°   | 1375.0 | 1376.8 | 1378.7 | 1380.5 | 1381.4 | 1380.6 | 1379.1 | 1377.5 | 1376.0 | 1374.4 | 1376.0 |
| 177.5° | 1379.5 | 1381.0 | 1382.6 | 1384.1 | 1384.9 | 1384.1 | 1382.6 | 1381.0 | 1379.5 | 1377.9 | 1379.5 |
| 180°   | 1381.4 | 1381.4 | 1381.4 | 1381.4 | 1381.4 | 1381.4 | 1381.4 | 1381.4 | 1381.4 | 1381.4 | 1381.4 |

TEST NUMBER: P1009815

CATALOG NUMBER: S122RDIP-B290D1080UB35-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (continued):**

|        | 100°  | 105°  | 110°  | 112.5° | 115°  | 120°  | 125°  | 130°  | 135°  | 140°  | 145°  |
|--------|-------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 638.8 | 638.8 | 638.8 | 638.8  | 638.8 | 638.8 | 638.8 | 638.8 | 638.8 | 638.8 | 638.8 |
| 2.5°   | 673.5 | 670.4 | 669.5 | 670.4  | 669.5 | 669.9 | 666.8 | 655.3 | 658.4 | 653.5 | 656.2 |
| 5°     | 711.7 | 709.0 | 703.2 | 702.3  | 701.4 | 700.6 | 696.1 | 685.9 | 681.9 | 675.2 | 674.8 |
| 7.5°   | 748.1 | 748.1 | 743.6 | 740.5  | 736.5 | 733.4 | 727.6 | 712.5 | 706.3 | 698.3 | 693.9 |
| 10°    | 784.0 | 772.5 | 777.4 | 774.2  | 764.5 | 762.7 | 752.1 | 743.2 | 731.2 | 723.2 | 716.1 |
| 12.5°  | 809.8 | 806.2 | 801.8 | 799.1  | 796.4 | 790.7 | 783.6 | 760.9 | 754.7 | 738.7 | 730.7 |
| 15°    | 808.9 | 806.7 | 808.0 | 808.0  | 807.1 | 805.8 | 800.0 | 783.6 | 772.9 | 757.4 | 743.6 |
| 17.5°  | 765.4 | 771.1 | 776.9 | 780.9  | 789.8 | 793.8 | 799.1 | 789.3 | 782.7 | 769.4 | 754.7 |
| 20°    | 689.5 | 703.7 | 720.5 | 724.1  | 732.1 | 755.6 | 766.3 | 774.7 | 777.4 | 772.9 | 760.9 |
| 22.5°  | 583.8 | 595.8 | 636.6 | 635.7  | 647.3 | 675.2 | 706.3 | 731.6 | 751.6 | 762.7 | 758.3 |
| 25°    | 457.3 | 474.1 | 495.9 | 512.3  | 550.1 | 591.8 | 630.4 | 670.8 | 705.4 | 736.1 | 743.6 |
| 27.5°  | 345.8 | 368.0 | 385.3 | 407.1  | 426.2 | 475.5 | 525.2 | 588.2 | 628.6 | 686.8 | 717.0 |
| 30°    | 279.7 | 289.9 | 307.2 | 317.4  | 326.7 | 364.5 | 420.9 | 483.0 | 554.0 | 621.1 | 673.0 |
| 32.5°  | 238.8 | 245.9 | 258.8 | 263.3  | 273.0 | 298.3 | 333.8 | 390.7 | 463.9 | 545.2 | 613.5 |
| 35°    | 214.4 | 222.0 | 224.6 | 228.6  | 236.6 | 252.6 | 277.0 | 318.3 | 384.5 | 463.9 | 545.6 |
| 37.5°  | 193.6 | 197.6 | 205.1 | 207.8  | 210.4 | 222.4 | 238.8 | 267.7 | 311.7 | 376.9 | 467.5 |
| 40°    | 178.9 | 181.1 | 185.1 | 187.3  | 189.1 | 197.6 | 212.2 | 231.7 | 264.1 | 313.9 | 397.3 |
| 42.5°  | 163.4 | 166.0 | 168.7 | 171.4  | 173.6 | 180.2 | 189.1 | 207.8 | 229.5 | 267.3 | 327.6 |
| 45°    | 148.3 | 150.1 | 153.2 | 154.9  | 158.0 | 163.4 | 171.4 | 184.2 | 203.8 | 227.7 | 276.6 |
| 47.5°  | 134.5 | 136.7 | 138.1 | 140.3  | 142.5 | 148.3 | 155.8 | 164.3 | 180.2 | 203.8 | 239.3 |
| 50°    | 122.1 | 124.7 | 126.5 | 127.0  | 128.7 | 134.1 | 140.3 | 149.6 | 159.8 | 178.0 | 209.1 |
| 52.5°  | 113.2 | 113.7 | 115.0 | 116.8  | 116.3 | 119.4 | 125.2 | 132.3 | 143.0 | 157.6 | 180.2 |
| 55°    | 103.0 | 104.3 | 105.2 | 105.7  | 105.7 | 108.3 | 111.4 | 118.1 | 126.5 | 138.5 | 157.6 |
| 57.5°  | 90.1  | 91.5  | 94.1  | 95.0   | 96.3  | 97.7  | 99.0  | 103.4 | 110.5 | 122.1 | 137.6 |
| 60°    | 76.8  | 77.7  | 80.4  | 82.1   | 83.0  | 86.6  | 88.3  | 91.9  | 95.9  | 104.3 | 119.0 |
| 62.5°  | 61.7  | 62.6  | 63.9  | 65.7   | 67.5  | 72.8  | 77.2  | 80.8  | 83.9  | 89.7  | 101.7 |
| 65°    | 53.7  | 54.2  | 55.0  | 55.5   | 55.9  | 58.2  | 62.2  | 67.0  | 72.8  | 77.2  | 84.4  |
| 67.5°  | 46.6  | 47.1  | 47.5  | 48.4   | 48.8  | 49.3  | 51.1  | 52.4  | 58.2  | 64.4  | 69.7  |
| 70°    | 40.0  | 40.8  | 41.3  | 41.3   | 41.7  | 42.6  | 43.5  | 45.3  | 47.1  | 50.2  | 56.8  |
| 72.5°  | 33.7  | 34.2  | 35.1  | 35.1   | 35.1  | 36.0  | 36.8  | 37.7  | 38.6  | 40.4  | 43.1  |
| 75°    | 28.0  | 28.9  | 28.9  | 28.9   | 29.3  | 29.3  | 30.2  | 31.1  | 32.0  | 33.3  | 34.2  |
| 77.5°  | 23.1  | 23.1  | 23.1  | 23.1   | 23.5  | 23.5  | 24.0  | 24.9  | 25.3  | 25.7  | 26.6  |
| 80°    | 17.3  | 17.8  | 17.8  | 17.8   | 18.2  | 18.2  | 18.2  | 19.1  | 19.5  | 19.5  | 20.4  |
| 82.5°  | 12.9  | 12.9  | 12.9  | 13.3   | 12.9  | 13.3  | 13.3  | 13.8  | 13.3  | 13.8  | 14.2  |
| 85°    | 8.0   | 8.0   | 8.0   | 8.4    | 8.4   | 8.4   | 8.4   | 8.4   | 8.4   | 8.4   | 8.9   |
| 87.5°  | 4.0   | 4.0   | 4.0   | 4.0    | 4.0   | 4.0   | 4.0   | 4.0   | 4.4   | 4.0   | 4.0   |
| 90°    | 39.1  | 38.9  | 38.6  | 38.5   | 38.8  | 39.3  | 39.8  | 40.3  | 40.8  | 35.1  | 29.4  |
| 92.5°  | 37.3  | 37.3  | 37.3  | 37.3   | 37.2  | 36.9  | 36.6  | 36.4  | 36.1  | 35.9  | 35.6  |
| 95°    | 73.3  | 73.8  | 74.3  | 74.6   | 74.6  | 74.6  | 74.6  | 74.6  | 74.6  | 74.1  | 73.6  |
| 97.5°  | 116.6 | 116.6 | 116.6 | 116.6  | 116.6 | 116.6 | 116.6 | 116.6 | 116.6 | 115.6 | 114.5 |
| 100°   | 160.2 | 160.5 | 160.8 | 160.9  | 160.9 | 160.9 | 160.9 | 160.9 | 160.9 | 160.1 | 159.3 |
| 102.5° | 209.2 | 209.4 | 209.7 | 209.8  | 209.7 | 209.4 | 209.2 | 208.9 | 208.7 | 207.7 | 206.6 |
| 105°   | 258.8 | 258.8 | 258.8 | 258.8  | 258.5 | 258.0 | 257.5 | 257.0 | 256.5 | 256.0 | 255.4 |
| 107.5° | 306.9 | 308.2 | 309.5 | 310.1  | 310.0 | 309.7 | 309.4 | 309.2 | 308.9 | 308.9 | 308.9 |
| 110°   | 360.6 | 361.3 | 362.1 | 362.5  | 362.5 | 362.5 | 362.5 | 362.5 | 362.5 | 362.5 | 362.5 |

TEST NUMBER: P1009815

CATALOG NUMBER: S122RDIP-B290D1080UB35-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (continued):**

|        | 100°   | 105°   | 110°   | 112.5° | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 412.5  | 413.0  | 413.5  | 413.8  | 414.2  | 415.0  | 415.7  | 416.5  | 417.3  | 417.6  | 417.8  |
| 115°   | 467.9  | 468.6  | 469.4  | 469.8  | 469.9  | 470.2  | 470.5  | 470.7  | 471.0  | 471.5  | 472.0  |
| 117.5° | 519.2  | 519.9  | 520.7  | 521.1  | 521.5  | 522.3  | 523.0  | 523.8  | 524.6  | 525.9  | 527.2  |
| 120°   | 574.0  | 574.7  | 575.5  | 575.9  | 575.9  | 575.9  | 575.9  | 575.9  | 575.9  | 578.0  | 580.0  |
| 122.5° | 627.0  | 627.5  | 628.0  | 628.3  | 628.7  | 629.5  | 630.2  | 631.0  | 631.8  | 633.1  | 634.4  |
| 125°   | 681.3  | 681.5  | 681.8  | 681.9  | 682.3  | 683.1  | 683.8  | 684.6  | 685.4  | 686.2  | 687.0  |
| 127.5° | 731.3  | 732.0  | 732.8  | 733.2  | 733.7  | 734.8  | 735.8  | 736.9  | 737.9  | 738.9  | 740.0  |
| 130°   | 785.4  | 786.5  | 787.5  | 788.0  | 788.3  | 788.8  | 789.3  | 789.9  | 790.4  | 790.9  | 791.4  |
| 132.5° | 836.3  | 837.0  | 837.8  | 838.2  | 838.8  | 840.1  | 841.4  | 842.7  | 844.0  | 843.7  | 843.5  |
| 135°   | 889.9  | 890.6  | 891.4  | 891.8  | 891.9  | 892.2  | 892.4  | 892.7  | 892.9  | 892.4  | 891.9  |
| 137.5° | 938.1  | 939.2  | 940.2  | 940.7  | 940.8  | 941.1  | 941.4  | 941.6  | 941.9  | 941.4  | 940.9  |
| 140°   | 988.3  | 989.3  | 990.4  | 990.9  | 990.9  | 990.9  | 990.9  | 990.9  | 990.9  | 989.6  | 988.3  |
| 142.5° | 1033.7 | 1034.8 | 1035.8 | 1036.3 | 1036.2 | 1035.9 | 1035.7 | 1035.4 | 1035.2 | 1034.4 | 1033.6 |
| 145°   | 1079.2 | 1080.2 | 1081.3 | 1081.8 | 1081.7 | 1081.4 | 1081.1 | 1080.9 | 1080.6 | 1079.0 | 1077.5 |
| 147.5° | 1120.0 | 1121.0 | 1122.1 | 1122.6 | 1122.3 | 1121.8 | 1121.3 | 1120.8 | 1120.3 | 1119.3 | 1118.2 |
| 150°   | 1159.2 | 1159.9 | 1160.7 | 1161.1 | 1160.7 | 1159.9 | 1159.2 | 1158.4 | 1157.6 | 1156.6 | 1155.5 |
| 152.5° | 1196.9 | 1198.0 | 1199.0 | 1199.5 | 1199.0 | 1198.0 | 1196.9 | 1195.9 | 1194.9 | 1193.6 | 1192.3 |
| 155°   | 1229.1 | 1229.8 | 1230.6 | 1231.0 | 1230.4 | 1229.1 | 1227.8 | 1226.5 | 1225.2 | 1224.4 | 1223.6 |
| 157.5° | 1259.2 | 1260.5 | 1261.8 | 1262.5 | 1261.6 | 1259.8 | 1257.9 | 1256.1 | 1254.3 | 1253.8 | 1253.3 |
| 160°   | 1285.5 | 1286.6 | 1287.6 | 1288.1 | 1287.3 | 1285.8 | 1284.2 | 1282.7 | 1281.1 | 1280.9 | 1280.6 |
| 162.5° | 1309.4 | 1310.7 | 1312.0 | 1312.6 | 1311.7 | 1309.9 | 1308.0 | 1306.2 | 1304.4 | 1304.2 | 1303.9 |
| 165°   | 1329.2 | 1330.5 | 1331.8 | 1332.4 | 1331.5 | 1329.7 | 1327.9 | 1326.1 | 1324.3 | 1324.3 | 1324.3 |
| 167.5° | 1346.7 | 1348.0 | 1349.3 | 1349.9 | 1349.0 | 1347.2 | 1345.3 | 1343.5 | 1341.7 | 1341.7 | 1341.7 |
| 170°   | 1360.0 | 1361.6 | 1363.1 | 1363.9 | 1363.0 | 1361.2 | 1359.3 | 1357.5 | 1355.7 | 1356.0 | 1356.2 |
| 172.5° | 1370.5 | 1372.1 | 1373.6 | 1374.4 | 1373.5 | 1371.7 | 1369.8 | 1368.0 | 1366.2 | 1366.5 | 1366.7 |
| 175°   | 1377.5 | 1379.1 | 1380.6 | 1381.4 | 1380.5 | 1378.7 | 1376.8 | 1375.0 | 1373.2 | 1373.7 | 1374.2 |
| 177.5° | 1381.0 | 1382.6 | 1384.1 | 1384.9 | 1384.1 | 1382.6 | 1381.0 | 1379.5 | 1377.9 | 1378.4 | 1378.9 |
| 180°   | 1381.4 | 1381.4 | 1381.4 | 1381.4 | 1381.4 | 1381.4 | 1381.4 | 1381.4 | 1381.4 | 1381.4 | 1381.4 |

TEST NUMBER: P1009815

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**CANDELA DISTRIBUTION (continued):**

|        | 150°  | 155°  | 157.5° | 160°  | 165°  | 170°  | 175°  | 180°  | 185°  | 190°  | 195°  |
|--------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 638.8 | 638.8 | 638.8  | 638.8 | 638.8 | 638.8 | 638.8 | 638.8 | 638.8 | 638.8 | 638.8 |
| 2.5°   | 652.2 | 649.9 | 649.9  | 648.6 | 648.6 | 641.5 | 641.5 | 643.7 | 641.1 | 638.0 | 633.5 |
| 5°     | 669.0 | 664.1 | 662.8  | 661.0 | 655.3 | 646.4 | 642.8 | 641.5 | 636.2 | 629.5 | 622.0 |
| 7.5°   | 685.0 | 677.0 | 673.0  | 669.0 | 661.5 | 649.1 | 642.0 | 637.1 | 629.1 | 618.9 | 609.1 |
| 10°    | 700.6 | 690.3 | 680.1  | 675.2 | 664.6 | 649.1 | 638.8 | 630.9 | 619.3 | 605.5 | 591.8 |
| 12.5°  | 714.8 | 693.4 | 691.7  | 681.9 | 666.4 | 648.6 | 633.1 | 621.5 | 606.9 | 590.9 | 574.9 |
| 15°    | 727.2 | 705.4 | 694.8  | 685.9 | 665.5 | 643.3 | 626.9 | 612.6 | 593.1 | 574.9 | 555.4 |
| 17.5°  | 733.4 | 709.9 | 702.8  | 688.1 | 667.3 | 638.4 | 616.2 | 598.9 | 577.6 | 555.8 | 533.6 |
| 20°    | 739.6 | 712.1 | 700.6  | 690.3 | 661.9 | 629.1 | 604.2 | 584.2 | 560.7 | 535.0 | 510.5 |
| 22.5°  | 742.7 | 712.1 | 698.3  | 684.1 | 656.6 | 618.9 | 589.6 | 566.0 | 538.5 | 512.3 | 483.0 |
| 25°    | 737.4 | 709.4 | 693.0  | 678.4 | 647.3 | 606.4 | 572.7 | 546.1 | 516.8 | 487.0 | 457.3 |
| 27.5°  | 724.1 | 703.2 | 684.1  | 669.0 | 634.4 | 590.5 | 554.9 | 524.7 | 494.6 | 461.3 | 431.1 |
| 30°    | 699.2 | 689.9 | 674.8  | 657.9 | 620.2 | 576.2 | 534.1 | 503.0 | 469.7 | 436.4 | 404.9 |
| 32.5°  | 660.6 | 668.6 | 658.8  | 644.2 | 603.3 | 556.7 | 511.9 | 480.4 | 443.9 | 408.0 | 379.1 |
| 35°    | 613.5 | 642.0 | 636.6  | 626.4 | 585.6 | 535.8 | 491.0 | 452.8 | 416.4 | 380.0 | 351.2 |
| 37.5°  | 562.0 | 605.1 | 609.5  | 603.3 | 565.1 | 514.5 | 465.3 | 428.0 | 390.7 | 353.8 | 324.5 |
| 40°    | 491.5 | 557.6 | 571.8  | 574.5 | 543.8 | 488.8 | 437.3 | 400.9 | 364.0 | 328.1 | 292.6 |
| 42.5°  | 426.6 | 510.1 | 527.9  | 539.0 | 516.8 | 463.5 | 411.5 | 371.1 | 334.7 | 302.3 | 266.8 |
| 45°    | 365.8 | 452.8 | 481.7  | 495.9 | 486.1 | 434.6 | 380.9 | 343.2 | 309.9 | 280.1 | 245.9 |
| 47.5°  | 303.2 | 390.7 | 431.1  | 453.7 | 453.7 | 405.3 | 351.6 | 314.3 | 282.4 | 257.0 | 226.9 |
| 50°    | 261.5 | 334.3 | 376.0  | 405.8 | 413.8 | 375.6 | 325.0 | 288.6 | 258.4 | 230.9 | 207.8 |
| 52.5°  | 222.9 | 288.1 | 322.8  | 353.8 | 376.9 | 343.6 | 295.2 | 262.4 | 232.6 | 206.9 | 188.7 |
| 55°    | 192.7 | 241.5 | 273.0  | 307.2 | 333.0 | 311.2 | 266.4 | 234.4 | 208.7 | 187.3 | 171.8 |
| 57.5°  | 163.8 | 206.4 | 232.2  | 262.4 | 289.9 | 273.5 | 237.5 | 210.0 | 187.3 | 168.7 | 154.9 |
| 60°    | 139.4 | 174.0 | 194.0  | 217.5 | 251.7 | 240.2 | 210.4 | 185.1 | 166.9 | 150.1 | 138.5 |
| 62.5°  | 118.5 | 146.1 | 162.9  | 179.8 | 210.9 | 205.5 | 182.5 | 162.9 | 147.4 | 133.2 | 123.4 |
| 65°    | 97.2  | 119.9 | 133.2  | 147.8 | 172.7 | 174.9 | 156.3 | 142.5 | 128.3 | 115.9 | 107.0 |
| 67.5°  | 78.6  | 96.3  | 108.3  | 120.8 | 140.7 | 146.9 | 134.1 | 122.5 | 110.5 | 100.3 | 92.3  |
| 70°    | 63.5  | 75.9  | 84.8   | 94.6  | 111.0 | 118.5 | 111.9 | 103.9 | 94.1  | 85.7  | 78.6  |
| 72.5°  | 50.2  | 58.2  | 63.5   | 71.0  | 84.4  | 91.9  | 91.5  | 84.4  | 77.2  | 71.5  | 65.7  |
| 75°    | 36.8  | 43.1  | 47.5   | 52.4  | 63.0  | 70.1  | 71.9  | 68.8  | 61.7  | 57.3  | 52.8  |
| 77.5°  | 28.0  | 31.5  | 33.7   | 37.3  | 44.8  | 51.1  | 53.7  | 52.8  | 47.9  | 44.4  | 41.3  |
| 80°    | 21.3  | 22.2  | 23.1   | 24.4  | 30.6  | 36.4  | 38.2  | 37.7  | 35.1  | 33.7  | 30.2  |
| 82.5°  | 15.1  | 15.5  | 16.0   | 16.4  | 18.6  | 23.5  | 25.3  | 26.2  | 24.0  | 22.6  | 19.5  |
| 85°    | 8.9   | 9.3   | 9.3    | 10.2  | 10.7  | 12.0  | 15.1  | 15.1  | 14.7  | 12.9  | 12.4  |
| 87.5°  | 4.4   | 4.4   | 4.0    | 4.0   | 4.4   | 4.9   | 5.8   | 6.7   | 5.8   | 5.3   | 4.9   |
| 90°    | 23.7  | 18.0  | 15.2   | 13.6  | 10.5  | 7.4   | 4.3   | 1.2   | 4.3   | 7.4   | 10.5  |
| 92.5°  | 35.4  | 35.1  | 35.0   | 34.0  | 31.9  | 29.8  | 27.7  | 25.6  | 27.7  | 29.8  | 31.9  |
| 95°    | 73.1  | 72.6  | 72.3   | 71.0  | 68.4  | 65.8  | 63.2  | 60.6  | 63.2  | 65.8  | 68.4  |
| 97.5°  | 113.5 | 112.4 | 111.9  | 110.7 | 108.4 | 106.1 | 103.7 | 101.4 | 103.7 | 106.1 | 108.4 |
| 100°   | 158.6 | 157.8 | 157.4  | 156.4 | 154.3 | 152.2 | 150.1 | 148.0 | 150.1 | 152.2 | 154.3 |
| 102.5° | 205.6 | 204.5 | 204.0  | 203.2 | 201.7 | 200.1 | 198.6 | 197.0 | 198.6 | 200.1 | 201.7 |
| 105°   | 254.9 | 254.4 | 254.1  | 253.7 | 252.9 | 252.2 | 251.4 | 250.6 | 251.4 | 252.2 | 252.9 |
| 107.5° | 308.9 | 308.9 | 308.9  | 308.4 | 307.4 | 306.3 | 305.3 | 304.3 | 305.3 | 306.3 | 307.4 |
| 110°   | 362.5 | 362.5 | 362.5  | 361.7 | 360.2 | 358.6 | 357.1 | 355.5 | 357.1 | 358.6 | 360.2 |

TEST NUMBER: P1009815

CATALOG NUMBER: S122RDIP-B290D1080UB35-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (continued):**

|        | 150°   | 155°   | 157.5° | 160°   | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 418.1  | 418.4  | 418.5  | 417.7  | 416.2  | 414.6  | 413.1  | 411.5  | 413.1  | 414.6  | 416.2  |
| 115°   | 472.5  | 473.0  | 473.3  | 472.5  | 471.0  | 469.4  | 467.9  | 466.3  | 467.9  | 469.4  | 471.0  |
| 117.5° | 528.5  | 529.8  | 530.4  | 529.4  | 527.3  | 525.2  | 523.2  | 521.1  | 523.2  | 525.2  | 527.3  |
| 120°   | 582.1  | 584.2  | 585.2  | 584.2  | 582.1  | 580.0  | 578.0  | 575.9  | 578.0  | 580.0  | 582.1  |
| 122.5° | 635.7  | 637.0  | 637.6  | 636.3  | 633.7  | 631.2  | 628.6  | 626.0  | 628.6  | 631.2  | 633.7  |
| 125°   | 687.7  | 688.5  | 688.9  | 687.7  | 685.4  | 683.1  | 680.7  | 678.4  | 680.7  | 683.1  | 685.4  |
| 127.5° | 741.0  | 742.1  | 742.6  | 741.2  | 738.3  | 735.4  | 732.6  | 729.7  | 732.6  | 735.4  | 738.3  |
| 130°   | 791.9  | 792.4  | 792.7  | 791.0  | 787.6  | 784.3  | 780.9  | 777.5  | 780.9  | 784.3  | 787.6  |
| 132.5° | 843.2  | 842.9  | 842.8  | 841.5  | 838.9  | 836.4  | 833.8  | 831.2  | 833.8  | 836.4  | 838.9  |
| 135°   | 891.4  | 890.9  | 890.6  | 889.2  | 886.3  | 883.5  | 880.6  | 877.8  | 880.6  | 883.5  | 886.3  |
| 137.5° | 940.4  | 939.9  | 939.6  | 938.4  | 936.1  | 933.8  | 931.4  | 929.1  | 931.4  | 933.8  | 936.1  |
| 140°   | 987.0  | 985.7  | 985.0  | 983.8  | 981.5  | 979.2  | 976.8  | 974.5  | 976.8  | 979.2  | 981.5  |
| 142.5° | 1032.9 | 1032.1 | 1031.7 | 1030.5 | 1028.2 | 1025.9 | 1023.5 | 1021.2 | 1023.5 | 1025.9 | 1028.2 |
| 145°   | 1075.9 | 1074.4 | 1073.6 | 1072.7 | 1070.9 | 1069.1 | 1067.3 | 1065.5 | 1067.3 | 1069.1 | 1070.9 |
| 147.5° | 1117.2 | 1116.1 | 1115.6 | 1114.4 | 1112.1 | 1109.8 | 1107.4 | 1105.1 | 1107.4 | 1109.8 | 1112.1 |
| 150°   | 1154.5 | 1153.4 | 1152.9 | 1152.1 | 1150.6 | 1149.0 | 1147.5 | 1145.9 | 1147.5 | 1149.0 | 1150.6 |
| 152.5° | 1191.0 | 1189.7 | 1189.0 | 1188.2 | 1186.7 | 1185.1 | 1183.6 | 1182.0 | 1183.6 | 1185.1 | 1186.7 |
| 155°   | 1222.9 | 1222.1 | 1221.7 | 1221.3 | 1220.5 | 1219.8 | 1219.0 | 1218.2 | 1219.0 | 1219.8 | 1220.5 |
| 157.5° | 1252.8 | 1252.3 | 1252.0 | 1251.7 | 1251.2 | 1250.7 | 1250.2 | 1249.7 | 1250.2 | 1250.7 | 1251.2 |
| 160°   | 1280.4 | 1280.1 | 1280.0 | 1279.7 | 1279.2 | 1278.7 | 1278.1 | 1277.6 | 1278.1 | 1278.7 | 1279.2 |
| 162.5° | 1303.7 | 1303.4 | 1303.3 | 1303.3 | 1303.3 | 1303.3 | 1303.3 | 1303.3 | 1303.3 | 1303.3 | 1303.3 |
| 165°   | 1324.3 | 1324.3 | 1324.3 | 1324.4 | 1324.7 | 1324.9 | 1325.2 | 1325.4 | 1325.2 | 1324.9 | 1324.7 |
| 167.5° | 1341.7 | 1341.7 | 1341.7 | 1342.1 | 1342.9 | 1343.6 | 1344.4 | 1345.2 | 1344.4 | 1343.6 | 1342.9 |
| 170°   | 1356.5 | 1356.8 | 1356.9 | 1357.3 | 1358.1 | 1358.8 | 1359.6 | 1360.4 | 1359.6 | 1358.8 | 1358.1 |
| 172.5° | 1367.0 | 1367.3 | 1367.4 | 1367.8 | 1368.6 | 1369.3 | 1370.1 | 1370.9 | 1370.1 | 1369.3 | 1368.6 |
| 175°   | 1374.7 | 1375.2 | 1375.5 | 1375.9 | 1376.7 | 1377.4 | 1378.2 | 1379.0 | 1378.2 | 1377.4 | 1376.7 |
| 177.5° | 1379.4 | 1379.9 | 1380.2 | 1380.6 | 1381.4 | 1382.1 | 1382.9 | 1383.7 | 1382.9 | 1382.1 | 1381.4 |
| 180°   | 1381.4 | 1381.4 | 1381.4 | 1381.4 | 1381.4 | 1381.4 | 1381.4 | 1381.4 | 1381.4 | 1381.4 | 1381.4 |

TEST NUMBER: P1009815

CATALOG NUMBER: S122RDIP-B290D1080UB35-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (continued):**

|        | 200°  | 202.5° | 205°  | 210°  | 215°  | 220°  | 225°  | 230°  | 235°  | 240°  | 245°  |
|--------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 638.8 | 638.8  | 638.8 | 638.8 | 638.8 | 638.8 | 638.8 | 638.8 | 638.8 | 638.8 | 638.8 |
| 2.5°   | 631.7 | 632.2  | 633.5 | 629.5 | 623.3 | 620.6 | 612.6 | 611.3 | 610.0 | 610.0 | 611.3 |
| 5°     | 617.5 | 615.8  | 616.2 | 608.7 | 599.8 | 594.4 | 583.3 | 585.1 | 579.4 | 575.8 | 576.7 |
| 7.5°   | 602.0 | 597.1  | 596.7 | 586.9 | 575.8 | 566.0 | 554.5 | 551.8 | 546.5 | 540.3 | 537.6 |
| 10°    | 582.5 | 578.9  | 572.3 | 561.2 | 546.9 | 539.0 | 523.4 | 514.1 | 512.8 | 503.4 | 499.9 |
| 12.5°  | 562.5 | 556.3  | 549.6 | 534.1 | 518.1 | 505.2 | 493.7 | 483.5 | 476.4 | 468.4 | 463.0 |
| 15°    | 539.4 | 531.9  | 524.3 | 507.9 | 489.2 | 476.4 | 459.0 | 443.9 | 423.1 | 406.7 | 397.3 |
| 17.5°  | 514.1 | 505.7  | 495.4 | 477.2 | 459.0 | 441.3 | 409.3 | 391.6 | 376.9 | 367.1 | 361.4 |
| 20°    | 487.9 | 478.6  | 468.4 | 450.2 | 418.6 | 387.6 | 369.8 | 356.0 | 347.2 | 337.4 | 330.3 |
| 22.5°  | 460.4 | 450.6  | 439.5 | 411.1 | 377.8 | 356.0 | 342.3 | 329.4 | 316.5 | 311.2 | 307.7 |
| 25°    | 434.6 | 425.7  | 411.5 | 372.9 | 346.7 | 326.7 | 311.2 | 302.8 | 296.1 | 289.0 | 282.4 |
| 27.5°  | 408.0 | 391.6  | 371.6 | 339.2 | 322.8 | 302.3 | 291.2 | 285.0 | 273.5 | 268.6 | 265.5 |
| 30°    | 376.0 | 357.8  | 338.7 | 315.6 | 296.6 | 282.4 | 272.1 | 261.9 | 255.3 | 250.4 | 245.1 |
| 32.5°  | 343.6 | 326.3  | 314.3 | 290.3 | 276.1 | 261.5 | 251.7 | 245.5 | 235.7 | 232.6 | 230.4 |
| 35°    | 315.6 | 301.0  | 290.3 | 270.8 | 257.5 | 244.2 | 237.1 | 227.7 | 221.5 | 215.8 | 212.2 |
| 37.5°  | 288.1 | 280.1  | 269.0 | 252.6 | 238.4 | 227.7 | 218.0 | 214.9 | 206.4 | 203.3 | 199.8 |
| 40°    | 269.0 | 257.0  | 247.7 | 233.5 | 221.5 | 210.0 | 203.8 | 196.7 | 190.9 | 186.0 | 184.7 |
| 42.5°  | 245.9 | 237.1  | 231.7 | 216.2 | 203.8 | 197.1 | 189.6 | 181.6 | 177.1 | 173.1 | 168.3 |
| 45°    | 228.6 | 220.6  | 213.1 | 200.7 | 189.6 | 181.1 | 174.5 | 169.1 | 161.6 | 159.8 | 152.3 |
| 47.5°  | 210.4 | 202.4  | 196.7 | 184.2 | 174.0 | 166.0 | 161.2 | 154.1 | 147.8 | 143.8 | 140.3 |
| 50°    | 192.2 | 185.6  | 180.2 | 169.6 | 160.7 | 152.3 | 145.6 | 138.5 | 135.8 | 129.2 | 127.0 |
| 52.5°  | 174.9 | 170.5  | 164.7 | 154.5 | 145.6 | 138.5 | 131.4 | 125.6 | 121.6 | 118.1 | 115.4 |
| 55°    | 160.3 | 153.2  | 150.5 | 139.4 | 131.9 | 124.3 | 118.1 | 114.5 | 109.7 | 107.4 | 105.2 |
| 57.5°  | 143.8 | 139.8  | 135.4 | 127.0 | 118.5 | 111.4 | 107.0 | 101.7 | 99.0  | 96.3  | 94.6  |
| 60°    | 129.6 | 123.9  | 120.3 | 113.2 | 105.7 | 99.0  | 95.0  | 91.0  | 87.5  | 85.2  | 81.7  |
| 62.5°  | 113.2 | 108.8  | 106.5 | 99.0  | 92.8  | 86.6  | 83.0  | 79.0  | 76.4  | 72.4  | 67.9  |
| 65°    | 99.0  | 95.4   | 92.8  | 86.6  | 80.8  | 75.0  | 71.5  | 66.6  | 63.0  | 60.8  | 60.4  |
| 67.5°  | 86.6  | 83.9   | 79.9  | 74.1  | 68.4  | 63.9  | 59.9  | 55.9  | 55.5  | 54.6  | 54.6  |
| 70°    | 72.8  | 70.1   | 67.9  | 61.7  | 56.8  | 51.9  | 51.1  | 49.7  | 48.4  | 47.9  | 47.1  |
| 72.5°  | 60.8  | 58.6   | 55.9  | 50.6  | 45.7  | 44.4  | 43.5  | 42.6  | 41.3  | 40.8  | 40.4  |
| 75°    | 49.3  | 46.2   | 44.4  | 39.5  | 38.2  | 37.3  | 36.4  | 35.1  | 34.2  | 33.7  | 32.9  |
| 77.5°  | 37.7  | 34.6   | 34.6  | 32.0  | 31.1  | 29.7  | 28.9  | 28.0  | 27.5  | 26.6  | 26.6  |
| 80°    | 26.6  | 26.6   | 25.7  | 24.4  | 23.1  | 22.6  | 21.3  | 20.9  | 20.4  | 20.9  | 20.0  |
| 82.5°  | 19.5  | 17.8   | 17.8  | 16.9  | 16.0  | 15.5  | 14.7  | 14.7  | 14.2  | 14.2  | 14.2  |
| 85°    | 11.1  | 11.1   | 10.7  | 9.8   | 9.3   | 9.3   | 8.9   | 8.9   | 8.4   | 8.4   | 8.0   |
| 87.5°  | 4.4   | 4.0    | 4.4   | 4.0   | 4.0   | 3.6   | 3.6   | 3.6   | 3.1   | 3.6   | 3.1   |
| 90°    | 13.6  | 15.2   | 18.0  | 23.7  | 29.4  | 35.1  | 40.8  | 40.3  | 39.8  | 39.3  | 38.8  |
| 92.5°  | 34.0  | 35.0   | 35.1  | 35.4  | 35.6  | 35.9  | 36.1  | 36.4  | 36.6  | 36.9  | 37.2  |
| 95°    | 71.0  | 72.3   | 72.6  | 73.1  | 73.6  | 74.1  | 74.6  | 74.6  | 74.6  | 74.6  | 74.6  |
| 97.5°  | 110.7 | 111.9  | 112.4 | 113.5 | 114.5 | 115.6 | 116.6 | 116.6 | 116.6 | 116.6 | 116.6 |
| 100°   | 156.4 | 157.4  | 157.8 | 158.6 | 159.3 | 160.1 | 160.9 | 160.9 | 160.9 | 160.9 | 160.9 |
| 102.5° | 203.2 | 204.0  | 204.5 | 205.6 | 206.6 | 207.7 | 208.7 | 208.9 | 209.2 | 209.4 | 209.7 |
| 105°   | 253.7 | 254.1  | 254.4 | 254.9 | 255.4 | 256.0 | 256.5 | 257.0 | 257.5 | 258.0 | 258.5 |
| 107.5° | 308.4 | 308.9  | 308.9 | 308.9 | 308.9 | 308.9 | 308.9 | 309.2 | 309.4 | 309.7 | 310.0 |
| 110°   | 361.7 | 362.5  | 362.5 | 362.5 | 362.5 | 362.5 | 362.5 | 362.5 | 362.5 | 362.5 | 362.5 |

TEST NUMBER: P1009815

CATALOG NUMBER: S122RDIP-B290D1080UB35-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (continued):**

|        | 200°   | 202.5° | 205°   | 210°   | 215°   | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 417.7  | 418.5  | 418.4  | 418.1  | 417.8  | 417.6  | 417.3  | 416.5  | 415.7  | 415.0  | 414.2  |
| 115°   | 472.5  | 473.3  | 473.0  | 472.5  | 472.0  | 471.5  | 471.0  | 470.7  | 470.5  | 470.2  | 469.9  |
| 117.5° | 529.4  | 530.4  | 529.8  | 528.5  | 527.2  | 525.9  | 524.6  | 523.8  | 523.0  | 522.3  | 521.5  |
| 120°   | 584.2  | 585.2  | 584.2  | 582.1  | 580.0  | 578.0  | 575.9  | 575.9  | 575.9  | 575.9  | 575.9  |
| 122.5° | 636.3  | 637.6  | 637.0  | 635.7  | 634.4  | 633.1  | 631.8  | 631.0  | 630.2  | 629.5  | 628.7  |
| 125°   | 687.7  | 688.9  | 688.5  | 687.7  | 687.0  | 686.2  | 685.4  | 684.6  | 683.8  | 683.1  | 682.3  |
| 127.5° | 741.2  | 742.6  | 742.1  | 741.0  | 740.0  | 738.9  | 737.9  | 736.9  | 735.8  | 734.8  | 733.7  |
| 130°   | 791.0  | 792.7  | 792.4  | 791.9  | 791.4  | 790.9  | 790.4  | 789.9  | 789.3  | 788.8  | 788.3  |
| 132.5° | 841.5  | 842.8  | 842.9  | 843.2  | 843.5  | 843.7  | 844.0  | 842.7  | 841.4  | 840.1  | 838.8  |
| 135°   | 889.2  | 890.6  | 890.9  | 891.4  | 891.9  | 892.4  | 892.9  | 892.7  | 892.4  | 892.2  | 891.9  |
| 137.5° | 938.4  | 939.6  | 939.9  | 940.4  | 940.9  | 941.4  | 941.9  | 941.6  | 941.4  | 941.1  | 940.8  |
| 140°   | 983.8  | 985.0  | 985.7  | 987.0  | 988.3  | 989.6  | 990.9  | 990.9  | 990.9  | 990.9  | 990.9  |
| 142.5° | 1030.5 | 1031.7 | 1032.1 | 1032.9 | 1033.6 | 1034.4 | 1035.2 | 1035.4 | 1035.7 | 1035.9 | 1036.2 |
| 145°   | 1072.7 | 1073.6 | 1074.4 | 1075.9 | 1077.5 | 1079.0 | 1080.6 | 1080.9 | 1081.1 | 1081.4 | 1081.7 |
| 147.5° | 1114.4 | 1115.6 | 1116.1 | 1117.2 | 1118.2 | 1119.3 | 1120.3 | 1120.8 | 1121.3 | 1121.8 | 1122.3 |
| 150°   | 1152.1 | 1152.9 | 1153.4 | 1154.5 | 1155.5 | 1156.6 | 1157.6 | 1158.4 | 1159.2 | 1159.9 | 1160.7 |
| 152.5° | 1188.2 | 1189.0 | 1189.7 | 1191.0 | 1192.3 | 1193.6 | 1194.9 | 1195.9 | 1196.9 | 1198.0 | 1199.0 |
| 155°   | 1221.3 | 1221.7 | 1222.1 | 1222.9 | 1223.6 | 1224.4 | 1225.2 | 1226.5 | 1227.8 | 1229.1 | 1230.4 |
| 157.5° | 1251.7 | 1252.0 | 1252.3 | 1252.8 | 1253.3 | 1253.8 | 1254.3 | 1256.1 | 1257.9 | 1259.8 | 1261.6 |
| 160°   | 1279.7 | 1280.0 | 1280.1 | 1280.4 | 1280.6 | 1280.9 | 1281.1 | 1282.7 | 1284.2 | 1285.8 | 1287.3 |
| 162.5° | 1303.3 | 1303.3 | 1303.4 | 1303.7 | 1303.9 | 1304.2 | 1304.4 | 1306.2 | 1308.0 | 1309.9 | 1311.7 |
| 165°   | 1324.4 | 1324.3 | 1324.3 | 1324.3 | 1324.3 | 1324.3 | 1324.3 | 1326.1 | 1327.9 | 1329.7 | 1331.5 |
| 167.5° | 1342.1 | 1341.7 | 1341.7 | 1341.7 | 1341.7 | 1341.7 | 1341.7 | 1343.5 | 1345.3 | 1347.2 | 1349.0 |
| 170°   | 1357.3 | 1356.9 | 1356.8 | 1356.5 | 1356.2 | 1356.0 | 1355.7 | 1357.5 | 1359.3 | 1361.2 | 1363.0 |
| 172.5° | 1367.8 | 1367.4 | 1367.3 | 1367.0 | 1366.7 | 1366.5 | 1366.2 | 1368.0 | 1369.8 | 1371.7 | 1373.5 |
| 175°   | 1375.9 | 1375.5 | 1375.2 | 1374.7 | 1374.2 | 1373.7 | 1373.2 | 1375.0 | 1376.8 | 1378.7 | 1380.5 |
| 177.5° | 1380.6 | 1380.2 | 1379.9 | 1379.4 | 1378.9 | 1378.4 | 1377.9 | 1379.5 | 1381.0 | 1382.6 | 1384.1 |
| 180°   | 1381.4 | 1381.4 | 1381.4 | 1381.4 | 1381.4 | 1381.4 | 1381.4 | 1381.4 | 1381.4 | 1381.4 | 1381.4 |

TEST NUMBER: P1009815

CATALOG NUMBER: S122RDIP-B290D1080UB35-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°  | 255°  | 260°  | 265°  | 270°  | 275°  | 280°  | 285°  | 290°  | 292.5° |
|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 0°     | 638.8  | 638.8 | 638.8 | 638.8 | 638.8 | 638.8 | 638.8 | 638.8 | 638.8 | 638.8 | 638.8  |
| 2.5°   | 611.3  | 610.4 | 607.8 | 608.7 | 607.3 | 607.3 | 606.4 | 606.4 | 606.4 | 608.7 | 607.3  |
| 5°     | 578.0  | 574.9 | 571.8 | 570.5 | 569.1 | 567.8 | 567.8 | 567.4 | 571.4 | 570.5 | 574.0  |
| 7.5°   | 536.7  | 535.8 | 529.6 | 529.6 | 527.4 | 526.5 | 528.7 | 529.2 | 529.6 | 530.5 | 532.7  |
| 10°    | 499.9  | 497.7 | 488.8 | 489.7 | 488.3 | 486.6 | 487.9 | 487.0 | 490.1 | 491.0 | 490.1  |
| 12.5°  | 456.4  | 452.4 | 442.6 | 437.7 | 432.4 | 428.4 | 433.3 | 429.7 | 442.2 | 445.7 | 455.5  |
| 15°    | 398.7  | 391.1 | 384.5 | 384.5 | 379.6 | 376.0 | 378.2 | 382.2 | 384.9 | 388.9 | 390.7  |
| 17.5°  | 360.0  | 356.9 | 351.6 | 348.5 | 347.2 | 345.8 | 345.8 | 347.6 | 353.4 | 352.9 | 356.5  |
| 20°    | 327.2  | 325.4 | 322.8 | 318.8 | 317.4 | 316.5 | 316.5 | 316.5 | 320.5 | 324.1 | 326.3  |
| 22.5°  | 304.5  | 303.2 | 301.4 | 296.1 | 293.5 | 292.6 | 294.8 | 296.1 | 299.2 | 301.9 | 304.1  |
| 25°    | 281.9  | 278.8 | 275.7 | 273.9 | 272.6 | 272.6 | 273.5 | 273.9 | 275.2 | 276.6 | 279.2  |
| 27.5°  | 263.3  | 261.0 | 256.6 | 251.7 | 251.7 | 250.4 | 251.3 | 252.2 | 255.3 | 259.7 | 261.9  |
| 30°    | 242.4  | 242.0 | 240.2 | 238.4 | 236.6 | 235.7 | 237.5 | 238.8 | 239.3 | 241.5 | 241.5  |
| 32.5°  | 227.3  | 224.2 | 221.1 | 219.3 | 218.4 | 218.0 | 218.4 | 220.2 | 220.2 | 222.9 | 226.0  |
| 35°    | 212.2  | 210.4 | 207.3 | 204.2 | 203.3 | 201.1 | 202.9 | 204.7 | 207.8 | 209.1 | 210.4  |
| 37.5°  | 195.8  | 193.6 | 192.2 | 191.3 | 189.6 | 190.0 | 188.7 | 191.3 | 194.0 | 193.6 | 194.4  |
| 40°    | 183.4  | 179.4 | 175.4 | 174.9 | 174.5 | 174.0 | 174.0 | 174.5 | 176.2 | 178.0 | 180.7  |
| 42.5°  | 167.4  | 166.0 | 162.5 | 158.9 | 158.0 | 157.2 | 156.3 | 158.0 | 161.6 | 164.7 | 166.0  |
| 45°    | 150.9  | 149.2 | 148.3 | 145.6 | 143.8 | 143.4 | 142.5 | 144.7 | 147.8 | 149.2 | 150.1  |
| 47.5°  | 135.8  | 135.4 | 132.7 | 133.2 | 131.9 | 132.3 | 131.9 | 133.2 | 133.2 | 134.5 | 135.4  |
| 50°    | 125.6  | 124.3 | 123.0 | 122.1 | 120.8 | 120.8 | 120.3 | 120.8 | 122.5 | 124.3 | 123.9  |
| 52.5°  | 115.4  | 113.2 | 112.8 | 112.3 | 111.4 | 112.3 | 111.0 | 111.4 | 113.2 | 114.1 | 113.7  |
| 55°    | 103.4  | 103.0 | 102.1 | 101.2 | 100.8 | 100.3 | 100.3 | 100.3 | 102.1 | 103.4 | 103.9  |
| 57.5°  | 94.1   | 91.9  | 90.1  | 90.1  | 88.3  | 87.9  | 88.8  | 89.2  | 90.6  | 91.5  | 92.3   |
| 60°    | 81.2   | 80.4  | 77.7  | 76.4  | 73.7  | 73.3  | 73.3  | 75.0  | 77.2  | 80.4  | 81.2   |
| 62.5°  | 67.5   | 66.1  | 65.7  | 65.7  | 65.7  | 65.7  | 65.7  | 65.7  | 65.7  | 66.1  | 66.1   |
| 65°    | 59.9   | 60.4  | 59.9  | 59.5  | 59.9  | 59.9  | 59.5  | 59.5  | 59.5  | 59.9  | 60.4   |
| 67.5°  | 53.7   | 53.3  | 53.7  | 53.3  | 52.8  | 52.8  | 52.4  | 52.8  | 53.3  | 53.7  | 53.7   |
| 70°    | 46.6   | 46.6  | 46.2  | 46.6  | 46.2  | 45.7  | 45.3  | 45.3  | 46.2  | 46.6  | 46.6   |
| 72.5°  | 40.0   | 40.0  | 39.5  | 39.5  | 38.6  | 38.6  | 39.1  | 38.6  | 38.6  | 40.0  | 40.0   |
| 75°    | 33.3   | 32.9  | 32.4  | 32.4  | 32.0  | 32.0  | 32.0  | 31.5  | 32.4  | 32.4  | 32.9   |
| 77.5°  | 26.2   | 26.2  | 26.2  | 25.7  | 25.7  | 25.3  | 25.3  | 25.7  | 25.7  | 25.7  | 26.2   |
| 80°    | 20.0   | 20.0  | 20.0  | 19.5  | 19.1  | 19.1  | 19.1  | 19.1  | 19.1  | 19.5  | 19.1   |
| 82.5°  | 13.8   | 13.8  | 13.8  | 13.8  | 13.8  | 13.3  | 13.3  | 13.3  | 13.8  | 13.8  | 13.3   |
| 85°    | 8.4    | 8.0   | 8.4   | 8.4   | 8.0   | 8.4   | 8.0   | 8.0   | 7.5   | 7.5   | 8.0    |
| 87.5°  | 3.6    | 3.1   | 2.7   | 2.7   | 3.1   | 2.7   | 2.7   | 2.7   | 3.1   | 2.7   | 2.7    |
| 90°    | 38.5   | 38.6  | 38.9  | 39.1  | 39.4  | 39.6  | 39.4  | 39.1  | 38.9  | 38.6  | 38.5   |
| 92.5°  | 37.3   | 37.3  | 37.3  | 37.3  | 37.3  | 37.3  | 37.3  | 37.3  | 37.3  | 37.3  | 37.3   |
| 95°    | 74.6   | 74.3  | 73.8  | 73.3  | 72.8  | 72.3  | 72.8  | 73.3  | 73.8  | 74.3  | 74.6   |
| 97.5°  | 116.6  | 116.6 | 116.6 | 116.6 | 116.6 | 116.6 | 116.6 | 116.6 | 116.6 | 116.6 | 116.6  |
| 100°   | 160.9  | 160.8 | 160.5 | 160.2 | 160.0 | 159.7 | 160.0 | 160.2 | 160.5 | 160.8 | 160.9  |
| 102.5° | 209.8  | 209.7 | 209.4 | 209.2 | 208.9 | 208.7 | 208.9 | 209.2 | 209.4 | 209.7 | 209.8  |
| 105°   | 258.8  | 258.8 | 258.8 | 258.8 | 258.8 | 258.8 | 258.8 | 258.8 | 258.8 | 258.8 | 258.8  |
| 107.5° | 310.1  | 309.5 | 308.2 | 306.9 | 305.6 | 304.3 | 305.6 | 306.9 | 308.2 | 309.5 | 310.1  |
| 110°   | 362.5  | 362.1 | 361.3 | 360.6 | 359.8 | 359.0 | 359.8 | 360.6 | 361.3 | 362.1 | 362.5  |



TEST NUMBER: P1009815

CATALOG NUMBER: S122RDIP-B290D1080UB35-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°   | 255°   | 260°   | 265°   | 270°   | 275°   | 280°   | 285°   | 290°   | 292.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 413.8  | 413.5  | 413.0  | 412.5  | 412.0  | 411.5  | 412.0  | 412.5  | 413.0  | 413.5  | 413.8  |
| 115°   | 469.8  | 469.4  | 468.6  | 467.9  | 467.1  | 466.3  | 467.1  | 467.9  | 468.6  | 469.4  | 469.8  |
| 117.5° | 521.1  | 520.7  | 519.9  | 519.2  | 518.4  | 517.6  | 518.4  | 519.2  | 519.9  | 520.7  | 521.1  |
| 120°   | 575.9  | 575.5  | 574.7  | 574.0  | 573.2  | 572.4  | 573.2  | 574.0  | 574.7  | 575.5  | 575.9  |
| 122.5° | 628.3  | 628.0  | 627.5  | 627.0  | 626.5  | 626.0  | 626.5  | 627.0  | 627.5  | 628.0  | 628.3  |
| 125°   | 681.9  | 681.8  | 681.5  | 681.3  | 681.0  | 680.8  | 681.0  | 681.3  | 681.5  | 681.8  | 681.9  |
| 127.5° | 733.2  | 732.8  | 732.0  | 731.3  | 730.5  | 729.7  | 730.5  | 731.3  | 732.0  | 732.8  | 733.2  |
| 130°   | 788.0  | 787.5  | 786.5  | 785.4  | 784.4  | 783.4  | 784.4  | 785.4  | 786.5  | 787.5  | 788.0  |
| 132.5° | 838.2  | 837.8  | 837.0  | 836.3  | 835.5  | 834.7  | 835.5  | 836.3  | 837.0  | 837.8  | 838.2  |
| 135°   | 891.8  | 891.4  | 890.6  | 889.9  | 889.1  | 888.3  | 889.1  | 889.9  | 890.6  | 891.4  | 891.8  |
| 137.5° | 940.7  | 940.2  | 939.2  | 938.1  | 937.1  | 936.1  | 937.1  | 938.1  | 939.2  | 940.2  | 940.7  |
| 140°   | 990.9  | 990.4  | 989.3  | 988.3  | 987.2  | 986.2  | 987.2  | 988.3  | 989.3  | 990.4  | 990.9  |
| 142.5° | 1036.3 | 1035.8 | 1034.8 | 1033.7 | 1032.7 | 1031.7 | 1032.7 | 1033.7 | 1034.8 | 1035.8 | 1036.3 |
| 145°   | 1081.8 | 1081.3 | 1080.2 | 1079.2 | 1078.1 | 1077.1 | 1078.1 | 1079.2 | 1080.2 | 1081.3 | 1081.8 |
| 147.5° | 1122.6 | 1122.1 | 1121.0 | 1120.0 | 1118.9 | 1117.9 | 1118.9 | 1120.0 | 1121.0 | 1122.1 | 1122.6 |
| 150°   | 1161.1 | 1160.7 | 1159.9 | 1159.2 | 1158.4 | 1157.6 | 1158.4 | 1159.2 | 1159.9 | 1160.7 | 1161.1 |
| 152.5° | 1199.5 | 1199.0 | 1198.0 | 1196.9 | 1195.9 | 1194.9 | 1195.9 | 1196.9 | 1198.0 | 1199.0 | 1199.5 |
| 155°   | 1231.0 | 1230.6 | 1229.8 | 1229.1 | 1228.3 | 1227.5 | 1228.3 | 1229.1 | 1229.8 | 1230.6 | 1231.0 |
| 157.5° | 1262.5 | 1261.8 | 1260.5 | 1259.2 | 1257.9 | 1256.6 | 1257.9 | 1259.2 | 1260.5 | 1261.8 | 1262.5 |
| 160°   | 1288.1 | 1287.6 | 1286.6 | 1285.5 | 1284.5 | 1283.5 | 1284.5 | 1285.5 | 1286.6 | 1287.6 | 1288.1 |
| 162.5° | 1312.6 | 1312.0 | 1310.7 | 1309.4 | 1308.1 | 1306.8 | 1308.1 | 1309.4 | 1310.7 | 1312.0 | 1312.6 |
| 165°   | 1332.4 | 1331.8 | 1330.5 | 1329.2 | 1327.9 | 1326.6 | 1327.9 | 1329.2 | 1330.5 | 1331.8 | 1332.4 |
| 167.5° | 1349.9 | 1349.3 | 1348.0 | 1346.7 | 1345.4 | 1344.1 | 1345.4 | 1346.7 | 1348.0 | 1349.3 | 1349.9 |
| 170°   | 1363.9 | 1363.1 | 1361.6 | 1360.0 | 1358.5 | 1356.9 | 1358.5 | 1360.0 | 1361.6 | 1363.1 | 1363.9 |
| 172.5° | 1374.4 | 1373.6 | 1372.1 | 1370.5 | 1369.0 | 1367.4 | 1369.0 | 1370.5 | 1372.1 | 1373.6 | 1374.4 |
| 175°   | 1381.4 | 1380.6 | 1379.1 | 1377.5 | 1376.0 | 1374.4 | 1376.0 | 1377.5 | 1379.1 | 1380.6 | 1381.4 |
| 177.5° | 1384.9 | 1384.1 | 1382.6 | 1381.0 | 1379.5 | 1377.9 | 1379.5 | 1381.0 | 1382.6 | 1384.1 | 1384.9 |
| 180°   | 1381.4 | 1381.4 | 1381.4 | 1381.4 | 1381.4 | 1381.4 | 1381.4 | 1381.4 | 1381.4 | 1381.4 | 1381.4 |

TEST NUMBER: P1009815

CATALOG NUMBER: S122RDIP-B290D1080UB35-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (continued):**

|        | 295°  | 300°  | 305°  | 310°  | 315°  | 320°  | 325°  | 330°  | 335°  | 337.5° | 340°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
| 0°     | 638.8 | 638.8 | 638.8 | 638.8 | 638.8 | 638.8 | 638.8 | 638.8 | 638.8 | 638.8  | 638.8 |
| 2.5°   | 608.7 | 610.9 | 610.0 | 605.1 | 610.0 | 611.3 | 614.0 | 616.6 | 618.4 | 621.1  | 623.3 |
| 5°     | 570.5 | 574.9 | 577.6 | 574.9 | 583.8 | 585.1 | 591.3 | 594.9 | 600.2 | 604.7  | 608.2 |
| 7.5°   | 534.5 | 538.1 | 543.4 | 544.3 | 549.6 | 555.8 | 564.7 | 573.6 | 582.0 | 586.5  | 590.5 |
| 10°    | 495.9 | 502.1 | 510.1 | 508.3 | 516.3 | 526.1 | 535.4 | 549.6 | 556.7 | 564.7  | 571.8 |
| 12.5°  | 457.3 | 461.3 | 471.9 | 475.5 | 487.0 | 494.6 | 507.4 | 516.3 | 534.1 | 543.4  | 549.6 |
| 15°    | 389.8 | 406.2 | 419.5 | 435.5 | 450.6 | 464.8 | 476.4 | 492.3 | 507.9 | 515.0  | 525.2 |
| 17.5°  | 359.2 | 366.7 | 374.7 | 382.7 | 402.2 | 427.5 | 447.9 | 465.3 | 478.6 | 487.9  | 499.9 |
| 20°    | 327.2 | 334.7 | 343.6 | 351.2 | 363.2 | 381.4 | 406.7 | 436.4 | 452.4 | 462.2  | 473.7 |
| 22.5°  | 304.5 | 311.7 | 317.4 | 324.1 | 333.4 | 346.7 | 365.8 | 402.7 | 424.0 | 436.0  | 446.2 |
| 25°    | 280.1 | 289.0 | 295.2 | 300.1 | 307.7 | 322.3 | 337.8 | 358.7 | 396.9 | 406.2  | 420.4 |
| 27.5°  | 263.3 | 265.9 | 273.0 | 280.6 | 288.1 | 296.1 | 312.1 | 329.9 | 355.6 | 376.0  | 393.3 |
| 30°    | 243.3 | 249.9 | 256.6 | 259.7 | 266.4 | 277.9 | 287.7 | 306.8 | 326.7 | 342.7  | 363.6 |
| 32.5°  | 228.2 | 232.2 | 236.6 | 244.2 | 250.4 | 258.4 | 268.1 | 284.1 | 301.0 | 311.2  | 327.2 |
| 35°    | 211.3 | 214.0 | 223.3 | 226.4 | 232.6 | 240.6 | 250.4 | 262.8 | 281.0 | 289.0  | 300.6 |
| 37.5°  | 195.3 | 201.6 | 204.2 | 211.3 | 217.1 | 225.1 | 232.2 | 246.4 | 258.4 | 267.7  | 278.4 |
| 40°    | 182.9 | 185.6 | 190.5 | 196.7 | 201.6 | 207.8 | 216.6 | 226.9 | 239.7 | 247.3  | 256.6 |
| 42.5°  | 167.8 | 170.0 | 176.2 | 179.8 | 187.8 | 193.6 | 198.9 | 211.3 | 222.9 | 228.6  | 238.0 |
| 45°    | 151.4 | 156.7 | 160.7 | 167.8 | 172.3 | 179.4 | 186.0 | 194.9 | 205.5 | 212.2  | 217.5 |
| 47.5°  | 137.2 | 142.5 | 146.5 | 153.2 | 160.3 | 163.4 | 170.5 | 179.8 | 189.6 | 194.9  | 202.4 |
| 50°    | 125.6 | 127.4 | 135.0 | 138.1 | 145.6 | 151.8 | 156.7 | 164.7 | 175.4 | 178.5  | 184.7 |
| 52.5°  | 114.5 | 115.9 | 120.8 | 124.7 | 131.4 | 136.7 | 143.0 | 150.5 | 159.4 | 164.3  | 169.1 |
| 55°    | 104.8 | 105.7 | 107.9 | 112.3 | 116.8 | 123.4 | 129.2 | 136.3 | 143.8 | 149.2  | 153.6 |
| 57.5°  | 93.7  | 95.4  | 97.2  | 99.9  | 104.3 | 110.5 | 116.8 | 123.4 | 129.6 | 133.2  | 139.0 |
| 60°    | 80.8  | 83.5  | 86.6  | 89.7  | 92.8  | 97.2  | 104.3 | 110.5 | 116.3 | 119.4  | 123.9 |
| 62.5°  | 67.0  | 72.4  | 75.0  | 78.6  | 81.2  | 85.2  | 90.6  | 97.7  | 101.7 | 105.7  | 109.2 |
| 65°    | 60.4  | 60.8  | 61.3  | 64.8  | 69.7  | 73.7  | 78.6  | 83.9  | 90.1  | 92.8   | 95.4  |
| 67.5°  | 53.7  | 54.2  | 55.0  | 55.5  | 57.3  | 61.7  | 67.0  | 72.8  | 77.7  | 79.5   | 82.1  |
| 70°    | 47.1  | 47.1  | 48.8  | 49.3  | 49.7  | 50.2  | 54.6  | 60.4  | 64.8  | 67.0   | 70.1  |
| 72.5°  | 40.0  | 40.4  | 41.3  | 41.7  | 42.6  | 43.5  | 44.8  | 47.9  | 53.3  | 55.5   | 59.0  |
| 75°    | 32.9  | 33.3  | 33.7  | 34.2  | 35.5  | 36.0  | 37.3  | 39.1  | 41.3  | 44.0   | 46.2  |
| 77.5°  | 26.2  | 26.2  | 26.6  | 27.5  | 28.4  | 28.9  | 30.2  | 31.1  | 32.0  | 33.3   | 35.1  |
| 80°    | 19.5  | 20.0  | 20.0  | 20.9  | 20.9  | 21.3  | 21.8  | 23.1  | 24.0  | 24.9   | 25.7  |
| 82.5°  | 13.3  | 14.2  | 14.2  | 14.2  | 14.7  | 15.1  | 15.5  | 15.5  | 16.4  | 16.9   | 18.2  |
| 85°    | 8.0   | 8.4   | 8.4   | 8.4   | 8.0   | 8.9   | 8.9   | 9.3   | 9.3   | 9.3    | 9.8   |
| 87.5°  | 3.1   | 2.7   | 3.1   | 3.1   | 3.1   | 3.6   | 3.1   | 3.1   | 3.6   | 4.0    | 4.0   |
| 90°    | 38.8  | 39.3  | 39.8  | 40.3  | 40.8  | 35.1  | 29.4  | 23.7  | 18.0  | 15.2   | 13.6  |
| 92.5°  | 37.2  | 36.9  | 36.6  | 36.4  | 36.1  | 35.9  | 35.6  | 35.4  | 35.1  | 35.0   | 34.0  |
| 95°    | 74.6  | 74.6  | 74.6  | 74.6  | 74.6  | 74.1  | 73.6  | 73.1  | 72.6  | 72.3   | 71.0  |
| 97.5°  | 116.6 | 116.6 | 116.6 | 116.6 | 116.6 | 115.6 | 114.5 | 113.5 | 112.4 | 111.9  | 110.7 |
| 100°   | 160.9 | 160.9 | 160.9 | 160.9 | 160.9 | 160.1 | 159.3 | 158.6 | 157.8 | 157.4  | 156.4 |
| 102.5° | 209.7 | 209.4 | 209.2 | 208.9 | 208.7 | 207.7 | 206.6 | 205.6 | 204.5 | 204.0  | 203.2 |
| 105°   | 258.5 | 258.0 | 257.5 | 257.0 | 256.5 | 256.0 | 255.4 | 254.9 | 254.4 | 254.1  | 253.7 |
| 107.5° | 310.0 | 309.7 | 309.4 | 309.2 | 308.9 | 308.9 | 308.9 | 308.9 | 308.9 | 308.9  | 308.4 |
| 110°   | 362.5 | 362.5 | 362.5 | 362.5 | 362.5 | 362.5 | 362.5 | 362.5 | 362.5 | 362.5  | 361.7 |

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**CANDELA DISTRIBUTION (continued):**

|        | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   | 330°   | 335°   | 337.5° | 340°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 414.2  | 415.0  | 415.7  | 416.5  | 417.3  | 417.6  | 417.8  | 418.1  | 418.4  | 418.5  | 417.7  |
| 115°   | 469.9  | 470.2  | 470.5  | 470.7  | 471.0  | 471.5  | 472.0  | 472.5  | 473.0  | 473.3  | 472.5  |
| 117.5° | 521.5  | 522.3  | 523.0  | 523.8  | 524.6  | 525.9  | 527.2  | 528.5  | 529.8  | 530.4  | 529.4  |
| 120°   | 575.9  | 575.9  | 575.9  | 575.9  | 575.9  | 578.0  | 580.0  | 582.1  | 584.2  | 585.2  | 584.2  |
| 122.5° | 628.7  | 629.5  | 630.2  | 631.0  | 631.8  | 633.1  | 634.4  | 635.7  | 637.0  | 637.6  | 636.3  |
| 125°   | 682.3  | 683.1  | 683.8  | 684.6  | 685.4  | 686.2  | 687.0  | 687.7  | 688.5  | 688.9  | 687.7  |
| 127.5° | 733.7  | 734.8  | 735.8  | 736.9  | 737.9  | 738.9  | 740.0  | 741.0  | 742.1  | 742.6  | 741.2  |
| 130°   | 788.3  | 788.8  | 789.3  | 789.9  | 790.4  | 790.9  | 791.4  | 791.9  | 792.4  | 792.7  | 791.0  |
| 132.5° | 838.8  | 840.1  | 841.4  | 842.7  | 844.0  | 843.7  | 843.5  | 843.2  | 842.9  | 842.8  | 841.5  |
| 135°   | 891.9  | 892.2  | 892.4  | 892.7  | 892.9  | 892.4  | 891.9  | 891.4  | 890.9  | 890.6  | 889.2  |
| 137.5° | 940.8  | 941.1  | 941.4  | 941.6  | 941.9  | 941.4  | 940.9  | 940.4  | 939.9  | 939.6  | 938.4  |
| 140°   | 990.9  | 990.9  | 990.9  | 990.9  | 990.9  | 989.6  | 988.3  | 987.0  | 985.7  | 985.0  | 983.8  |
| 142.5° | 1036.2 | 1035.9 | 1035.7 | 1035.4 | 1035.2 | 1034.4 | 1033.6 | 1032.9 | 1032.1 | 1031.7 | 1030.5 |
| 145°   | 1081.7 | 1081.4 | 1081.1 | 1080.9 | 1080.6 | 1079.0 | 1077.5 | 1075.9 | 1074.4 | 1073.6 | 1072.7 |
| 147.5° | 1122.3 | 1121.8 | 1121.3 | 1120.8 | 1120.3 | 1119.3 | 1118.2 | 1117.2 | 1116.1 | 1115.6 | 1114.4 |
| 150°   | 1160.7 | 1159.9 | 1159.2 | 1158.4 | 1157.6 | 1156.6 | 1155.5 | 1154.5 | 1153.4 | 1152.9 | 1152.1 |
| 152.5° | 1199.0 | 1198.0 | 1196.9 | 1195.9 | 1194.9 | 1193.6 | 1192.3 | 1191.0 | 1189.7 | 1189.0 | 1188.2 |
| 155°   | 1230.4 | 1229.1 | 1227.8 | 1226.5 | 1225.2 | 1224.4 | 1223.6 | 1222.9 | 1222.1 | 1221.7 | 1221.3 |
| 157.5° | 1261.6 | 1259.8 | 1257.9 | 1256.1 | 1254.3 | 1253.8 | 1253.3 | 1252.8 | 1252.3 | 1252.0 | 1251.7 |
| 160°   | 1287.3 | 1285.8 | 1284.2 | 1282.7 | 1281.1 | 1280.9 | 1280.6 | 1280.4 | 1280.1 | 1280.0 | 1279.7 |
| 162.5° | 1311.7 | 1309.9 | 1308.0 | 1306.2 | 1304.4 | 1304.2 | 1303.9 | 1303.7 | 1303.4 | 1303.3 | 1303.3 |
| 165°   | 1331.5 | 1329.7 | 1327.9 | 1326.1 | 1324.3 | 1324.3 | 1324.3 | 1324.3 | 1324.3 | 1324.3 | 1324.4 |
| 167.5° | 1349.0 | 1347.2 | 1345.3 | 1343.5 | 1341.7 | 1341.7 | 1341.7 | 1341.7 | 1341.7 | 1341.7 | 1342.1 |
| 170°   | 1363.0 | 1361.2 | 1359.3 | 1357.5 | 1355.7 | 1356.0 | 1356.2 | 1356.5 | 1356.8 | 1356.9 | 1357.3 |
| 172.5° | 1373.5 | 1371.7 | 1369.8 | 1368.0 | 1366.2 | 1366.5 | 1366.7 | 1367.0 | 1367.3 | 1367.4 | 1367.8 |
| 175°   | 1380.5 | 1378.7 | 1376.8 | 1375.0 | 1373.2 | 1373.7 | 1374.2 | 1374.7 | 1375.2 | 1375.5 | 1375.9 |
| 177.5° | 1384.1 | 1382.6 | 1381.0 | 1379.5 | 1377.9 | 1378.4 | 1378.9 | 1379.4 | 1379.9 | 1380.2 | 1380.6 |
| 180°   | 1381.4 | 1381.4 | 1381.4 | 1381.4 | 1381.4 | 1381.4 | 1381.4 | 1381.4 | 1381.4 | 1381.4 | 1381.4 |

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**CANDELA DISTRIBUTION (continued):**

|        | 345°  | 350°  | 355°  | 360°  |
|--------|-------|-------|-------|-------|
| 0°     | 638.8 | 638.8 | 638.8 | 638.8 |
| 2.5°   | 627.3 | 626.0 | 634.0 | 642.8 |
| 5°     | 614.4 | 616.6 | 626.9 | 639.3 |
| 7.5°   | 601.1 | 606.0 | 618.0 | 634.4 |
| 10°    | 582.5 | 591.3 | 609.5 | 626.4 |
| 12.5°  | 564.3 | 576.2 | 593.6 | 613.5 |
| 15°    | 543.8 | 557.2 | 578.5 | 602.4 |
| 17.5°  | 521.2 | 536.3 | 561.2 | 587.3 |
| 20°    | 497.2 | 517.2 | 543.4 | 571.8 |
| 22.5°  | 470.6 | 494.6 | 521.6 | 553.2 |
| 25°    | 444.8 | 471.0 | 498.1 | 534.5 |
| 27.5°  | 419.5 | 445.3 | 475.5 | 512.3 |
| 30°    | 394.2 | 417.8 | 450.2 | 489.7 |
| 32.5°  | 367.1 | 391.6 | 425.7 | 466.1 |
| 35°    | 342.3 | 366.7 | 398.7 | 438.6 |
| 37.5°  | 315.6 | 341.8 | 372.5 | 413.8 |
| 40°    | 284.6 | 315.2 | 344.9 | 384.5 |
| 42.5°  | 258.8 | 291.2 | 320.1 | 357.4 |
| 45°    | 238.4 | 269.0 | 293.0 | 329.4 |
| 47.5°  | 219.3 | 244.2 | 268.6 | 302.3 |
| 50°    | 201.1 | 220.2 | 245.5 | 275.7 |
| 52.5°  | 182.5 | 198.9 | 220.6 | 249.1 |
| 55°    | 165.6 | 181.1 | 200.7 | 222.4 |
| 57.5°  | 150.1 | 161.2 | 180.7 | 200.2 |
| 60°    | 132.7 | 144.3 | 159.4 | 175.8 |
| 62.5°  | 118.1 | 127.0 | 141.2 | 154.9 |
| 65°    | 102.6 | 111.0 | 121.6 | 134.5 |
| 67.5°  | 88.3  | 95.9  | 104.3 | 114.5 |
| 70°    | 75.5  | 81.2  | 87.5  | 96.3  |
| 72.5°  | 61.7  | 67.9  | 73.7  | 80.8  |
| 75°    | 50.6  | 53.3  | 58.2  | 63.0  |
| 77.5°  | 39.1  | 42.6  | 45.3  | 49.3  |
| 80°    | 28.0  | 31.1  | 32.0  | 35.1  |
| 82.5°  | 18.6  | 20.4  | 22.2  | 23.1  |
| 85°    | 10.7  | 11.5  | 13.3  | 13.8  |
| 87.5°  | 4.0   | 4.4   | 5.3   | 6.2   |
| 90°    | 10.5  | 7.4   | 4.3   | 1.2   |
| 92.5°  | 31.9  | 29.8  | 27.7  | 25.6  |
| 95°    | 68.4  | 65.8  | 63.2  | 60.6  |
| 97.5°  | 108.4 | 106.1 | 103.7 | 101.4 |
| 100°   | 154.3 | 152.2 | 150.1 | 148.0 |
| 102.5° | 201.7 | 200.1 | 198.6 | 197.0 |
| 105°   | 252.9 | 252.2 | 251.4 | 250.6 |
| 107.5° | 307.4 | 306.3 | 305.3 | 304.3 |
| 110°   | 360.2 | 358.6 | 357.1 | 355.5 |

TEST NUMBER: P1009815

CATALOG NUMBER: S122RDIP-B290D1080UB35-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (continued):**

|        | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|
| 112.5° | 416.2  | 414.6  | 413.1  | 411.5  |
| 115°   | 471.0  | 469.4  | 467.9  | 466.3  |
| 117.5° | 527.3  | 525.2  | 523.2  | 521.1  |
| 120°   | 582.1  | 580.0  | 578.0  | 575.9  |
| 122.5° | 633.7  | 631.2  | 628.6  | 626.0  |
| 125°   | 685.4  | 683.1  | 680.7  | 678.4  |
| 127.5° | 738.3  | 735.4  | 732.6  | 729.7  |
| 130°   | 787.6  | 784.3  | 780.9  | 777.5  |
| 132.5° | 838.9  | 836.4  | 833.8  | 831.2  |
| 135°   | 886.3  | 883.5  | 880.6  | 877.8  |
| 137.5° | 936.1  | 933.8  | 931.4  | 929.1  |
| 140°   | 981.5  | 979.2  | 976.8  | 974.5  |
| 142.5° | 1028.2 | 1025.9 | 1023.5 | 1021.2 |
| 145°   | 1070.9 | 1069.1 | 1067.3 | 1065.5 |
| 147.5° | 1112.1 | 1109.8 | 1107.4 | 1105.1 |
| 150°   | 1150.6 | 1149.0 | 1147.5 | 1145.9 |
| 152.5° | 1186.7 | 1185.1 | 1183.6 | 1182.0 |
| 155°   | 1220.5 | 1219.8 | 1219.0 | 1218.2 |
| 157.5° | 1251.2 | 1250.7 | 1250.2 | 1249.7 |
| 160°   | 1279.2 | 1278.7 | 1278.1 | 1277.6 |
| 162.5° | 1303.3 | 1303.3 | 1303.3 | 1303.3 |
| 165°   | 1324.7 | 1324.9 | 1325.2 | 1325.4 |
| 167.5° | 1342.9 | 1343.6 | 1344.4 | 1345.2 |
| 170°   | 1358.1 | 1358.8 | 1359.6 | 1360.4 |
| 172.5° | 1368.6 | 1369.3 | 1370.1 | 1370.9 |
| 175°   | 1376.7 | 1377.4 | 1378.2 | 1379.0 |
| 177.5° | 1381.4 | 1382.1 | 1382.9 | 1383.7 |
| 180°   | 1381.4 | 1381.4 | 1381.4 | 1381.4 |

(END OF REPORT)