

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: P1012437

Luminaire Tested: S123RDIP-B340D1195UB27-4F0-XX-W2A-A1

Issue Date: 5/6/2025

**Test Information**

Test Method: LM-79-2019  
Report Number: P1012437  
REPORT IS A COMBINATION OF REPORTS P993160 AND P1007351  
Test Lab: INNOVATION CENTER  
Issue Date: 5/6/2025  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: NEO-RAY  
Catalog Number: S123RDIP-B340D1195UB27-4F0-XX-W2A-A1  
Description: Define 3 Regressed Direct/Indirect Pendant with 2700K BioUP LEDs {m-DER=0.473}  
{m-EER=0.52}  
Light Source: -  
Ballast/Driver: -

**Summary**

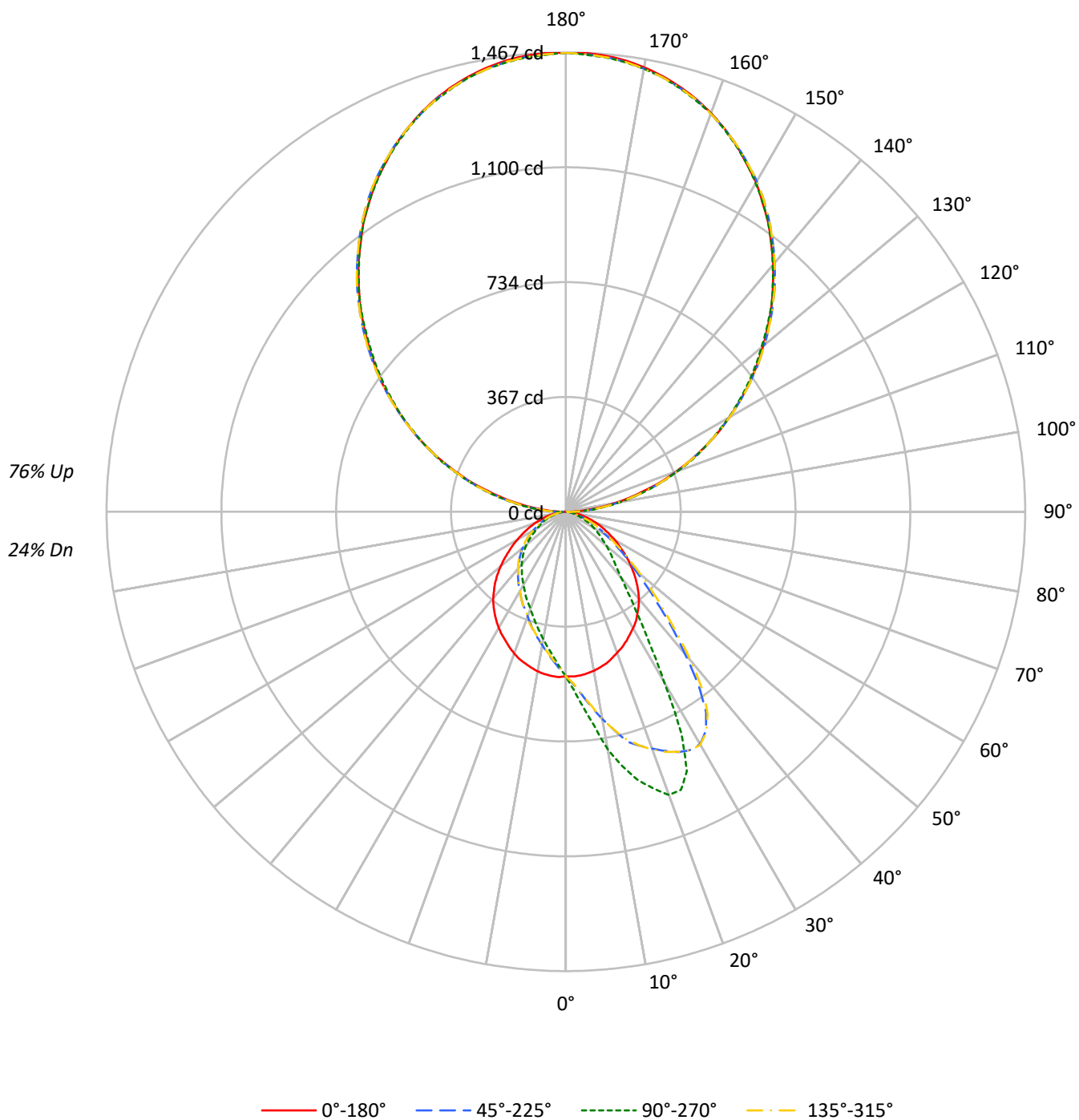
Lumens per Lamp: N/A  
Luminaire Lumens: 5372.0 lumens  
Efficiency: N/A  
Efficacy: 111.9 lumens/watt  
Spacing Criteria (0/90/45): 1.22 / 1.2 / 1.34  
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 4' x H: 0.1')  
CIE Type: Semi-Indirect

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: P1012437

CATALOG NUMBER: S123RDIP-B340D1195UB27-4F0-XX-W2A-A1

### Luminous Intensity Polar Plot



TEST NUMBER: P1012437

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

|     |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |
|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| RF  | 20  |     |     |     | 20 |    |    |    | 20 |    |    |    | 20 |    |    |    | 20 |
| RC  | 80  |     |     |     | 70 |    |    |    | 50 |    |    |    | 30 |    |    |    | 10 |
| RW  | 70  | 50  | 30  | 10  | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 |
| RCR |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 0   | 101 | 101 | 101 | 101 | 90 | 90 | 90 | 90 | 69 | 69 | 69 | 50 | 50 | 50 | 33 | 33 | 33 |
| 1   | 92  | 88  | 85  | 81  | 82 | 79 | 76 | 73 | 61 | 59 | 57 | 44 | 43 | 42 | 29 | 29 | 28 |
| 2   | 84  | 77  | 72  | 67  | 75 | 69 | 64 | 60 | 54 | 50 | 48 | 39 | 37 | 36 | 26 | 25 | 24 |
| 3   | 77  | 68  | 61  | 56  | 68 | 61 | 55 | 51 | 47 | 44 | 40 | 35 | 32 | 30 | 23 | 22 | 21 |
| 4   | 70  | 60  | 53  | 47  | 63 | 54 | 48 | 43 | 42 | 38 | 34 | 31 | 28 | 26 | 21 | 19 | 18 |
| 5   | 65  | 54  | 46  | 41  | 57 | 48 | 42 | 37 | 38 | 33 | 30 | 28 | 25 | 23 | 19 | 17 | 16 |
| 6   | 59  | 48  | 41  | 35  | 53 | 43 | 37 | 32 | 34 | 29 | 26 | 25 | 22 | 20 | 17 | 15 | 14 |
| 7   | 55  | 43  | 36  | 31  | 49 | 39 | 33 | 28 | 31 | 26 | 23 | 23 | 20 | 18 | 16 | 14 | 13 |
| 8   | 51  | 39  | 32  | 27  | 45 | 35 | 29 | 25 | 28 | 23 | 20 | 21 | 18 | 16 | 15 | 13 | 11 |
| 9   | 47  | 36  | 29  | 24  | 42 | 32 | 26 | 22 | 26 | 21 | 18 | 19 | 16 | 14 | 13 | 12 | 10 |
| 10  | 44  | 33  | 26  | 21  | 39 | 29 | 24 | 20 | 23 | 19 | 16 | 18 | 15 | 13 | 12 | 11 | 9  |

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

|     | 0°   | 90°  | 180° | 270° |
|-----|------|------|------|------|
| 0°  | 5654 | 5654 | 5654 | 5654 |
| 5°  | 5658 | 6512 | 5673 | 4831 |
| 10° | 5609 | 7861 | 5633 | 4220 |
| 15° | 5551 | 8922 | 5551 | 3721 |
| 20° | 5437 | 9623 | 5468 | 3301 |
| 25° | 5353 | 9143 | 5343 | 3012 |
| 30° | 5256 | 6335 | 5245 | 2729 |
| 35° | 5140 | 4067 | 5117 | 2516 |
| 40° | 4994 | 2872 | 4970 | 2304 |
| 45° | 4742 | 2299 | 4736 | 2097 |
| 50° | 4431 | 1922 | 4417 | 1856 |
| 55° | 4082 | 1585 | 4050 | 1574 |
| 60° | 3739 | 1310 | 3702 | 1338 |
| 65° | 3338 | 1049 | 3360 | 1135 |
| 70° | 2965 | 729  | 3045 | 918  |
| 75° | 2514 | 541  | 2617 | 706  |
| 80° | 2003 | 358  | 2172 | 529  |
| 85° | 1422 | 168  | 1556 | 328  |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 30°

Vertical Angle: 45°

Luminance: 7549 cd/sqm

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 51.6   | 1.0       |
| 10°-20°   | 161.5  | 3.0       |
| 20°-30°   | 254.3  | 4.7       |
| 30°-40°   | 264.5  | 4.9       |
| 40°-50°   | 226.3  | 4.2       |
| 50°-60°   | 172.5  | 3.2       |
| 60°-70°   | 110.5  | 2.1       |
| 70°-80°   | 52.9   | 1.0       |
| 80°-90°   | 17.0   | 0.3       |
| 90°-100°  | 94.3   | 1.8       |
| 100°-110° | 285.6  | 5.3       |
| 110°-120° | 486.1  | 9.0       |
| 120°-130° | 639.5  | 11.9      |
| 130°-140° | 718.9  | 13.4      |
| 140°-150° | 706.7  | 13.2      |
| 150°-160° | 595.0  | 11.1      |
| 160°-170° | 396.1  | 7.4       |
| 170°-180° | 138.7  | 2.6       |
| 0°-30°    | 467.4  | 8.7       |
| 0°-40°    | 731.9  | 13.6      |
| 0°-60°    | 1130.6 | 21.0      |
| 0°-90°    | 1311.1 | 24.4      |
| 90°-120°  | 866.0  | 16.1      |
| 90°-150°  | 2931.1 | 54.6      |
| 90°-180°  | 4061.0 | 75.6      |
| 0°-180°   | 5372.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°   | 90°  | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0°   | 525  | 525  | 525  | 525  | 525  |      |
| 5°   | 525  | 624  | 526  | 463  | 525  | 50   |
| 15°  | 502  | 886  | 502  | 370  | 502  | 141  |
| 25°  | 456  | 913  | 455  | 301  | 456  | 210  |
| 35°  | 398  | 396  | 396  | 245  | 398  | 249  |
| 45°  | 319  | 211  | 319  | 193  | 319  | 246  |
| 55°  | 225  | 133  | 224  | 132  | 225  | 202  |
| 65°  | 138  | 76   | 139  | 83   | 138  | 138  |
| 75°  | 66   | 32   | 69   | 42   | 66   | 71   |
| 85°  | 15   | 8    | 16   | 15   | 15   | 17   |
| 90°  | 1    | 34   | 1    | 34   | 1    | 6    |
| 95°  | 68   | 90   | 68   | 90   | 68   | 75   |
| 105° | 259  | 274  | 259  | 274  | 259  | 277  |
| 115° | 489  | 490  | 489  | 490  | 489  | 484  |
| 125° | 716  | 708  | 716  | 708  | 716  | 639  |
| 135° | 929  | 928  | 929  | 928  | 929  | 716  |
| 145° | 1127 | 1127 | 1127 | 1127 | 1127 | 704  |
| 155° | 1291 | 1288 | 1291 | 1288 | 1291 | 594  |
| 165° | 1406 | 1401 | 1406 | 1401 | 1406 | 396  |
| 175° | 1462 | 1456 | 1462 | 1456 | 1462 | 139  |
| 180° | 1466 | 1466 | 1466 | 1466 | 1466 |      |

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**CANDELA DISTRIBUTION (FULL):**

|        | 0°    | 5°    | 10°   | 15°   | 20°   | 22.5° | 25°   | 30°   | 35°   | 40°   | 45°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 525.3 | 525.3 | 525.3 | 525.3 | 525.3 | 525.3 | 525.3 | 525.3 | 525.3 | 525.3 | 525.3 |
| 2.5°   | 526.6 | 530.2 | 532.9 | 534.7 | 539.2 | 541.9 | 544.2 | 548.2 | 548.2 | 549.1 | 550.9 |
| 5°     | 524.8 | 532.5 | 537.9 | 545.1 | 554.5 | 559.0 | 565.3 | 570.7 | 578.4 | 582.4 | 586.5 |
| 7.5°   | 520.8 | 531.6 | 542.8 | 553.6 | 567.6 | 576.6 | 582.9 | 596.8 | 606.7 | 618.8 | 628.3 |
| 10°    | 515.4 | 530.2 | 544.6 | 561.3 | 580.2 | 593.6 | 603.1 | 621.5 | 640.4 | 657.5 | 671.9 |
| 12.5°  | 508.6 | 526.6 | 547.3 | 567.6 | 594.1 | 607.6 | 622.9 | 645.8 | 672.8 | 694.4 | 713.7 |
| 15°    | 501.5 | 522.1 | 545.5 | 570.3 | 603.5 | 622.4 | 644.5 | 672.4 | 702.5 | 733.5 | 760.1 |
| 17.5°  | 490.2 | 516.3 | 542.4 | 578.4 | 617.5 | 628.7 | 647.6 | 685.8 | 723.2 | 751.1 | 783.4 |
| 20°    | 479.0 | 508.2 | 541.0 | 573.4 | 615.7 | 641.8 | 659.3 | 699.8 | 739.8 | 773.5 | 804.6 |
| 22.5°  | 468.6 | 499.2 | 533.4 | 574.3 | 613.9 | 640.0 | 662.0 | 704.3 | 750.6 | 788.4 | 826.6 |
| 25°    | 456.0 | 489.3 | 527.1 | 565.8 | 613.9 | 633.7 | 658.0 | 707.0 | 756.0 | 799.6 | 846.8 |
| 27.5°  | 442.5 | 476.3 | 513.6 | 553.2 | 597.2 | 626.5 | 650.3 | 702.9 | 762.7 | 809.5 | 858.1 |
| 30°    | 429.0 | 463.7 | 499.7 | 535.2 | 584.7 | 612.5 | 640.0 | 698.0 | 766.3 | 819.9 | 857.2 |
| 32.5°  | 416.0 | 445.2 | 480.8 | 515.4 | 564.4 | 595.0 | 626.0 | 693.0 | 767.7 | 812.7 | 830.7 |
| 35°    | 398.0 | 428.6 | 457.4 | 494.3 | 543.7 | 573.9 | 610.3 | 692.6 | 761.8 | 789.7 | 780.7 |
| 37.5°  | 381.4 | 407.0 | 434.4 | 467.3 | 518.1 | 557.2 | 595.0 | 680.9 | 742.5 | 744.3 | 693.5 |
| 40°    | 362.9 | 384.1 | 407.0 | 441.6 | 496.5 | 535.2 | 576.1 | 662.9 | 707.4 | 680.9 | 591.4 |
| 42.5°  | 341.8 | 360.7 | 378.7 | 412.4 | 472.2 | 515.4 | 559.5 | 640.4 | 656.6 | 595.4 | 502.4 |
| 45°    | 319.3 | 334.6 | 351.2 | 386.8 | 446.6 | 489.3 | 533.4 | 605.8 | 589.2 | 502.8 | 414.2 |
| 47.5°  | 295.9 | 309.0 | 325.2 | 357.5 | 419.2 | 462.8 | 504.6 | 556.3 | 514.0 | 421.4 | 347.2 |
| 50°    | 272.5 | 282.9 | 298.6 | 331.9 | 391.3 | 430.8 | 469.5 | 503.3 | 443.9 | 361.6 | 286.9 |
| 52.5°  | 249.6 | 257.7 | 273.9 | 302.2 | 359.8 | 397.6 | 425.4 | 438.5 | 378.2 | 298.6 | 249.2 |
| 55°    | 225.3 | 234.3 | 245.1 | 273.9 | 331.0 | 358.9 | 377.3 | 376.9 | 314.8 | 253.2 | 206.0 |
| 57.5°  | 201.9 | 210.0 | 219.5 | 248.3 | 294.6 | 313.5 | 329.2 | 321.6 | 262.6 | 207.3 | 176.7 |
| 60°    | 181.2 | 185.7 | 196.1 | 220.4 | 255.4 | 271.6 | 280.6 | 267.6 | 214.5 | 174.9 | 146.2 |
| 62.5°  | 158.8 | 163.3 | 171.8 | 194.7 | 216.3 | 224.9 | 232.5 | 215.9 | 177.2 | 142.6 | 125.0 |
| 65°    | 138.1 | 143.9 | 149.3 | 167.8 | 179.4 | 189.8 | 188.9 | 174.9 | 138.5 | 116.0 | 101.6 |
| 67.5°  | 120.1 | 122.3 | 126.8 | 138.1 | 143.5 | 151.1 | 151.6 | 135.8 | 111.5 | 94.4  | 85.9  |
| 70°    | 100.7 | 103.0 | 106.1 | 111.5 | 115.1 | 116.9 | 116.0 | 102.1 | 84.1  | 73.8  | 66.1  |
| 72.5°  | 84.1  | 83.7  | 85.9  | 85.9  | 89.5  | 89.0  | 86.3  | 75.6  | 63.9  | 55.3  | 50.8  |
| 75°    | 66.1  | 66.6  | 67.0  | 66.1  | 64.8  | 63.0  | 60.7  | 52.6  | 45.0  | 40.9  | 36.9  |
| 77.5°  | 51.7  | 50.8  | 51.3  | 48.1  | 46.3  | 44.5  | 41.4  | 37.3  | 31.0  | 30.1  | 28.3  |
| 80°    | 36.9  | 36.4  | 36.0  | 34.6  | 30.6  | 28.8  | 26.5  | 24.3  | 22.9  | 22.0  | 21.6  |
| 82.5°  | 24.7  | 24.7  | 23.8  | 21.1  | 18.9  | 17.5  | 17.1  | 16.2  | 14.8  | 14.8  | 14.4  |
| 85°    | 14.8  | 14.4  | 13.5  | 10.8  | 9.4   | 9.4   | 9.4   | 9.4   | 8.5   | 8.5   | 8.1   |
| 87.5°  | 5.8   | 5.4   | 4.0   | 4.0   | 3.6   | 3.6   | 3.6   | 3.1   | 3.1   | 2.7   | 2.7   |
| 90°    | 1.2   | 3.8   | 6.3   | 8.9   | 11.4  | 12.7  | 14.4  | 17.7  | 21.0  | 24.3  | 27.6  |
| 92.5°  | 34.5  | 36.0  | 37.6  | 39.1  | 40.6  | 41.4  | 42.2  | 43.7  | 45.3  | 46.8  | 48.4  |
| 95°    | 67.9  | 69.7  | 71.5  | 73.3  | 75.1  | 76.0  | 77.0  | 79.1  | 81.1  | 83.2  | 85.2  |
| 97.5°  | 111.7 | 113.0 | 114.2 | 115.5 | 116.8 | 117.4 | 118.2 | 119.7 | 121.2 | 122.8 | 124.3 |
| 100°   | 156.6 | 158.1 | 159.7 | 161.2 | 162.7 | 163.5 | 164.1 | 165.4 | 166.7 | 167.9 | 169.2 |
| 102.5° | 208.4 | 209.2 | 209.9 | 210.7 | 211.4 | 211.8 | 212.7 | 214.5 | 216.3 | 218.1 | 219.9 |
| 105°   | 259.0 | 259.5 | 260.0 | 260.5 | 261.0 | 261.3 | 262.5 | 264.8 | 267.1 | 269.4 | 271.7 |
| 107.5° | 318.9 | 319.2 | 319.4 | 319.7 | 320.0 | 320.1 | 320.6 | 321.6 | 322.7 | 323.7 | 324.7 |
| 110°   | 374.2 | 374.7 | 375.2 | 375.7 | 376.2 | 376.5 | 376.8 | 377.3 | 377.8 | 378.3 | 378.8 |

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**CANDELA DISTRIBUTION (continued):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 22.5°  | 25°    | 30°    | 35°    | 40°    | 45°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 431.7  | 432.0  | 432.2  | 432.5  | 432.8  | 432.9  | 432.9  | 432.9  | 432.9  | 432.9  | 432.9  |
| 115°   | 489.3  | 490.1  | 490.9  | 491.6  | 492.4  | 492.8  | 492.5  | 492.0  | 491.5  | 491.0  | 490.5  |
| 117.5° | 548.0  | 548.3  | 548.5  | 548.8  | 549.1  | 549.2  | 548.9  | 548.4  | 547.9  | 547.4  | 546.9  |
| 120°   | 602.1  | 603.6  | 605.2  | 606.7  | 608.2  | 609.0  | 608.4  | 607.1  | 605.8  | 604.6  | 603.3  |
| 122.5° | 658.5  | 659.5  | 660.5  | 661.6  | 662.6  | 663.1  | 662.8  | 662.3  | 661.8  | 661.3  | 660.8  |
| 125°   | 716.1  | 716.9  | 717.7  | 718.4  | 719.2  | 719.6  | 719.3  | 718.8  | 718.3  | 717.8  | 717.3  |
| 127.5° | 769.1  | 770.6  | 772.2  | 773.7  | 775.2  | 776.0  | 775.7  | 775.2  | 774.7  | 774.2  | 773.7  |
| 130°   | 822.0  | 824.0  | 826.1  | 828.1  | 830.2  | 831.2  | 830.8  | 830.1  | 829.3  | 828.6  | 827.8  |
| 132.5° | 875.0  | 877.0  | 879.1  | 881.1  | 883.2  | 884.2  | 883.9  | 883.4  | 882.9  | 882.4  | 881.9  |
| 135°   | 929.1  | 930.6  | 932.2  | 933.7  | 935.2  | 936.0  | 935.9  | 935.6  | 935.4  | 935.1  | 934.9  |
| 137.5° | 978.6  | 979.9  | 981.2  | 982.5  | 983.8  | 984.4  | 984.8  | 985.5  | 986.3  | 987.0  | 987.8  |
| 140°   | 1030.4 | 1031.7 | 1033.0 | 1034.3 | 1035.6 | 1036.2 | 1036.3 | 1036.6 | 1036.8 | 1037.1 | 1037.3 |
| 142.5° | 1077.6 | 1078.9 | 1080.2 | 1081.5 | 1082.8 | 1083.4 | 1083.7 | 1084.2 | 1084.7 | 1085.2 | 1085.7 |
| 145°   | 1127.1 | 1127.6 | 1128.1 | 1128.6 | 1129.1 | 1129.4 | 1129.8 | 1130.6 | 1131.3 | 1132.1 | 1132.9 |
| 147.5° | 1169.7 | 1170.7 | 1171.7 | 1172.8 | 1173.8 | 1174.3 | 1174.7 | 1175.5 | 1176.2 | 1177.0 | 1177.8 |
| 150°   | 1214.6 | 1215.1 | 1215.6 | 1216.1 | 1216.6 | 1216.9 | 1217.2 | 1217.7 | 1218.2 | 1218.7 | 1219.2 |
| 152.5° | 1251.5 | 1252.3 | 1253.0 | 1253.8 | 1254.5 | 1254.9 | 1255.0 | 1255.3 | 1255.6 | 1255.8 | 1256.1 |
| 155°   | 1290.6 | 1290.6 | 1290.6 | 1290.6 | 1290.6 | 1290.6 | 1290.7 | 1291.0 | 1291.3 | 1291.5 | 1291.8 |
| 157.5° | 1324.0 | 1323.7 | 1323.5 | 1323.2 | 1322.9 | 1322.8 | 1322.9 | 1323.2 | 1323.5 | 1323.7 | 1324.0 |
| 160°   | 1355.1 | 1354.6 | 1354.1 | 1353.6 | 1353.1 | 1352.8 | 1352.8 | 1352.8 | 1352.8 | 1352.8 | 1352.8 |
| 162.5° | 1382.7 | 1381.9 | 1381.1 | 1380.4 | 1379.6 | 1379.2 | 1379.3 | 1379.6 | 1379.9 | 1380.1 | 1380.4 |
| 165°   | 1405.7 | 1404.9 | 1404.2 | 1403.4 | 1402.7 | 1402.3 | 1402.3 | 1402.3 | 1402.3 | 1402.3 | 1402.3 |
| 167.5° | 1425.3 | 1424.3 | 1423.3 | 1422.2 | 1421.2 | 1420.7 | 1420.8 | 1421.1 | 1421.3 | 1421.6 | 1421.8 |
| 170°   | 1441.4 | 1440.4 | 1439.4 | 1438.3 | 1437.3 | 1436.8 | 1436.8 | 1436.8 | 1436.8 | 1436.8 | 1436.8 |
| 172.5° | 1454.1 | 1453.1 | 1452.1 | 1451.0 | 1450.0 | 1449.5 | 1449.5 | 1449.5 | 1449.5 | 1449.5 | 1449.5 |
| 175°   | 1462.1 | 1461.1 | 1460.1 | 1459.0 | 1458.0 | 1457.5 | 1457.5 | 1457.5 | 1457.5 | 1457.5 | 1457.5 |
| 177.5° | 1466.7 | 1465.7 | 1464.7 | 1463.6 | 1462.6 | 1462.1 | 1462.1 | 1462.1 | 1462.1 | 1462.1 | 1462.1 |
| 180°   | 1465.6 | 1465.6 | 1465.6 | 1465.6 | 1465.6 | 1465.6 | 1465.6 | 1465.6 | 1465.6 | 1465.6 | 1465.6 |

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**CANDELA DISTRIBUTION (continued):**

|        | 50°   | 55°   | 60°   | 65°   | 67.5° | 70°   | 75°   | 80°   | 85°   | 90°   | 95°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 525.3 | 525.3 | 525.3 | 525.3 | 525.3 | 525.3 | 525.3 | 525.3 | 525.3 | 525.3 | 525.3 |
| 2.5°   | 554.5 | 554.5 | 558.6 | 562.6 | 560.4 | 561.7 | 566.7 | 564.9 | 568.5 | 568.0 | 569.4 |
| 5°     | 596.3 | 601.3 | 605.3 | 613.9 | 615.2 | 613.9 | 622.4 | 624.7 | 628.7 | 623.8 | 626.0 |
| 7.5°   | 643.6 | 653.9 | 663.8 | 676.4 | 680.4 | 681.3 | 685.8 | 692.1 | 697.5 | 687.6 | 692.6 |
| 10°    | 689.4 | 705.2 | 725.4 | 736.7 | 746.6 | 750.2 | 753.8 | 757.8 | 764.1 | 769.9 | 765.4 |
| 12.5°  | 738.9 | 761.8 | 781.2 | 801.4 | 813.6 | 812.2 | 822.6 | 825.3 | 830.2 | 831.6 | 833.4 |
| 15°    | 779.4 | 811.8 | 823.9 | 854.0 | 856.7 | 865.7 | 877.4 | 887.8 | 889.1 | 886.4 | 886.4 |
| 17.5°  | 818.1 | 846.0 | 867.5 | 891.8 | 896.8 | 904.4 | 919.3 | 924.2 | 926.0 | 925.6 | 925.6 |
| 20°    | 849.5 | 868.0 | 904.4 | 924.7 | 932.7 | 942.6 | 953.0 | 959.3 | 960.6 | 962.4 | 959.7 |
| 22.5°  | 870.2 | 898.1 | 927.8 | 944.4 | 951.2 | 954.8 | 961.5 | 963.3 | 961.1 | 961.5 | 962.0 |
| 25°    | 886.4 | 913.9 | 931.8 | 936.3 | 935.9 | 931.4 | 926.5 | 917.9 | 917.0 | 913.4 | 906.2 |
| 27.5°  | 890.9 | 901.3 | 899.0 | 880.6 | 862.1 | 860.3 | 830.7 | 814.5 | 796.0 | 798.7 | 788.4 |
| 30°    | 866.6 | 853.1 | 821.2 | 774.4 | 755.1 | 723.6 | 690.3 | 655.7 | 642.2 | 627.4 | 654.8 |
| 32.5°  | 807.3 | 759.2 | 702.5 | 641.8 | 609.4 | 581.5 | 546.0 | 520.8 | 506.4 | 494.3 | 517.6 |
| 35°    | 717.8 | 642.7 | 567.6 | 510.0 | 483.5 | 458.3 | 425.0 | 412.4 | 394.4 | 396.2 | 398.5 |
| 37.5°  | 602.6 | 519.9 | 463.2 | 406.6 | 389.0 | 378.7 | 354.4 | 335.1 | 328.8 | 327.0 | 327.0 |
| 40°    | 494.7 | 426.8 | 376.4 | 331.9 | 318.4 | 309.9 | 290.5 | 281.5 | 274.8 | 273.0 | 275.2 |
| 42.5°  | 409.3 | 351.2 | 312.1 | 282.4 | 273.0 | 262.2 | 254.1 | 242.9 | 241.5 | 238.4 | 242.4 |
| 45°    | 343.6 | 293.2 | 264.0 | 242.4 | 234.3 | 230.3 | 221.3 | 214.5 | 211.8 | 211.4 | 214.5 |
| 47.5°  | 291.4 | 252.3 | 226.7 | 213.2 | 206.9 | 202.8 | 195.2 | 192.5 | 189.8 | 190.7 | 189.3 |
| 50°    | 244.7 | 215.4 | 198.8 | 186.6 | 182.6 | 178.5 | 173.6 | 170.9 | 169.5 | 169.5 | 169.1 |
| 52.5°  | 210.0 | 185.7 | 174.9 | 163.7 | 161.9 | 159.7 | 154.3 | 152.5 | 150.2 | 149.8 | 151.6 |
| 55°    | 179.9 | 163.3 | 152.5 | 145.7 | 143.9 | 139.4 | 137.2 | 134.9 | 133.6 | 132.7 | 133.1 |
| 57.5°  | 153.8 | 141.2 | 134.0 | 128.2 | 125.0 | 123.2 | 119.2 | 118.7 | 117.8 | 117.8 | 117.4 |
| 60°    | 132.2 | 123.2 | 114.7 | 111.1 | 108.8 | 106.6 | 106.1 | 103.4 | 102.1 | 103.0 | 102.5 |
| 62.5°  | 112.0 | 104.8 | 99.8  | 95.8  | 94.4  | 92.6  | 91.3  | 90.4  | 89.0  | 89.5  | 89.5  |
| 65°    | 93.5  | 87.7  | 84.1  | 80.5  | 80.1  | 78.3  | 77.8  | 76.9  | 76.9  | 76.5  | 77.4  |
| 67.5°  | 76.9  | 72.9  | 69.7  | 67.5  | 66.1  | 66.6  | 64.8  | 63.4  | 63.4  | 63.0  | 64.3  |
| 70°    | 61.2  | 58.9  | 55.8  | 53.1  | 51.3  | 51.3  | 49.0  | 48.6  | 48.6  | 48.6  | 48.1  |
| 72.5°  | 47.2  | 43.2  | 41.8  | 40.9  | 40.9  | 40.9  | 40.0  | 40.0  | 39.6  | 40.0  | 39.6  |
| 75°    | 35.1  | 34.6  | 33.7  | 33.3  | 33.3  | 32.8  | 32.4  | 32.4  | 32.4  | 32.4  | 32.4  |
| 77.5°  | 27.4  | 27.4  | 26.5  | 26.1  | 26.1  | 26.1  | 25.6  | 25.6  | 25.2  | 25.2  | 25.2  |
| 80°    | 20.2  | 20.2  | 19.3  | 19.3  | 19.3  | 18.9  | 18.9  | 18.9  | 19.3  | 18.9  | 18.9  |
| 82.5°  | 13.9  | 13.9  | 13.5  | 13.9  | 13.5  | 13.0  | 13.0  | 13.0  | 12.6  | 13.0  | 13.0  |
| 85°    | 8.1   | 8.1   | 7.6   | 7.2   | 7.6   | 7.6   | 7.2   | 7.6   | 7.2   | 7.6   | 7.2   |
| 87.5°  | 3.1   | 2.7   | 2.7   | 2.7   | 2.2   | 2.7   | 2.2   | 2.2   | 2.7   | 2.2   | 2.7   |
| 90°    | 28.6  | 29.6  | 30.7  | 31.7  | 32.2  | 32.5  | 33.0  | 33.5  | 34.0  | 34.5  | 34.0  |
| 92.5°  | 49.2  | 49.9  | 50.7  | 51.4  | 51.8  | 51.5  | 51.0  | 50.5  | 50.0  | 49.5  | 50.0  |
| 95°    | 86.2  | 87.2  | 88.3  | 89.3  | 89.8  | 89.8  | 89.8  | 89.8  | 89.8  | 89.8  | 89.8  |
| 97.5°  | 125.6 | 126.9 | 128.2 | 129.5 | 130.1 | 130.0 | 129.7 | 129.4 | 129.2 | 128.9 | 129.2 |
| 100°   | 170.0 | 170.8 | 171.5 | 172.3 | 172.7 | 173.0 | 173.5 | 174.0 | 174.5 | 175.0 | 174.5 |
| 102.5° | 220.7 | 221.5 | 222.2 | 223.0 | 223.4 | 223.3 | 223.0 | 222.7 | 222.5 | 222.2 | 222.5 |
| 105°   | 271.7 | 271.7 | 271.7 | 271.7 | 271.7 | 272.0 | 272.5 | 273.0 | 273.5 | 274.0 | 273.5 |
| 107.5° | 325.5 | 326.2 | 327.0 | 327.7 | 328.1 | 328.0 | 327.7 | 327.5 | 327.2 | 327.0 | 327.2 |
| 110°   | 379.8 | 380.8 | 381.9 | 382.9 | 383.4 | 383.1 | 382.6 | 382.1 | 381.6 | 381.1 | 381.6 |



TEST NUMBER: P1012437

CATALOG NUMBER: S123RDIP-B340D1195UB27-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (continued):**

|        | 50°    | 55°    | 60°    | 65°    | 67.5°  | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 434.2  | 435.4  | 436.7  | 438.0  | 438.6  | 438.6  | 438.6  | 438.6  | 438.6  | 438.6  | 438.6  |
| 115°   | 490.7  | 491.0  | 491.2  | 491.5  | 491.6  | 491.5  | 491.2  | 491.0  | 490.7  | 490.5  | 490.7  |
| 117.5° | 546.9  | 546.9  | 546.9  | 546.9  | 546.9  | 546.5  | 545.7  | 545.0  | 544.2  | 543.4  | 544.2  |
| 120°   | 603.0  | 602.8  | 602.5  | 602.2  | 602.1  | 601.8  | 601.3  | 600.8  | 600.3  | 599.8  | 600.3  |
| 122.5° | 660.0  | 659.3  | 658.5  | 657.8  | 657.4  | 657.0  | 656.2  | 655.5  | 654.7  | 653.9  | 654.7  |
| 125°   | 716.3  | 715.3  | 714.2  | 713.2  | 712.7  | 712.2  | 711.1  | 710.1  | 709.0  | 708.0  | 709.0  |
| 127.5° | 772.2  | 770.6  | 769.1  | 767.6  | 766.8  | 766.3  | 765.3  | 764.2  | 763.2  | 762.2  | 763.2  |
| 130°   | 826.8  | 825.8  | 824.7  | 823.7  | 823.2  | 822.3  | 820.5  | 818.7  | 816.9  | 815.1  | 816.9  |
| 132.5° | 880.6  | 879.3  | 878.0  | 876.7  | 876.1  | 875.5  | 874.2  | 872.9  | 871.7  | 870.4  | 871.7  |
| 135°   | 933.9  | 932.8  | 931.8  | 930.7  | 930.2  | 929.9  | 929.4  | 928.9  | 928.4  | 927.9  | 928.4  |
| 137.5° | 986.5  | 985.3  | 984.0  | 982.7  | 982.1  | 981.7  | 980.9  | 980.2  | 979.4  | 978.6  | 979.4  |
| 140°   | 1037.1 | 1036.8 | 1036.6 | 1036.3 | 1036.2 | 1035.3 | 1033.5 | 1031.7 | 1029.9 | 1028.1 | 1029.9 |
| 142.5° | 1085.4 | 1085.2 | 1084.9 | 1084.6 | 1084.5 | 1083.9 | 1082.6 | 1081.3 | 1080.1 | 1078.8 | 1080.1 |
| 145°   | 1132.6 | 1132.4 | 1132.1 | 1131.8 | 1131.7 | 1131.2 | 1130.2 | 1129.1 | 1128.1 | 1127.1 | 1128.1 |
| 147.5° | 1177.8 | 1177.8 | 1177.8 | 1177.8 | 1177.8 | 1177.0 | 1175.5 | 1174.0 | 1172.4 | 1170.9 | 1172.4 |
| 150°   | 1219.2 | 1219.2 | 1219.2 | 1219.2 | 1219.2 | 1218.4 | 1216.9 | 1215.4 | 1213.8 | 1212.3 | 1213.8 |
| 152.5° | 1256.6 | 1257.1 | 1257.6 | 1258.1 | 1258.4 | 1257.8 | 1256.5 | 1255.2 | 1253.9 | 1252.6 | 1253.9 |
| 155°   | 1292.8 | 1293.8 | 1294.9 | 1295.9 | 1296.4 | 1295.5 | 1293.7 | 1291.9 | 1290.1 | 1288.3 | 1290.1 |
| 157.5° | 1325.0 | 1326.0 | 1327.1 | 1328.1 | 1328.6 | 1327.8 | 1326.3 | 1324.8 | 1323.2 | 1321.7 | 1323.2 |
| 160°   | 1354.1 | 1355.3 | 1356.6 | 1357.9 | 1358.5 | 1358.0 | 1357.0 | 1355.9 | 1354.9 | 1353.9 | 1354.9 |
| 162.5° | 1381.7 | 1383.0 | 1384.3 | 1385.6 | 1386.2 | 1385.3 | 1383.5 | 1381.7 | 1379.9 | 1378.1 | 1379.9 |
| 165°   | 1403.8 | 1405.4 | 1406.9 | 1408.4 | 1409.2 | 1408.3 | 1406.5 | 1404.7 | 1402.9 | 1401.1 | 1402.9 |
| 167.5° | 1423.4 | 1424.9 | 1426.5 | 1428.0 | 1428.8 | 1428.0 | 1426.5 | 1424.9 | 1423.4 | 1421.8 | 1423.4 |
| 170°   | 1438.6 | 1440.4 | 1442.2 | 1444.0 | 1444.9 | 1444.0 | 1442.2 | 1440.4 | 1438.6 | 1436.8 | 1438.6 |
| 172.5° | 1451.0 | 1452.6 | 1454.1 | 1455.6 | 1456.4 | 1455.5 | 1453.7 | 1451.9 | 1450.1 | 1448.3 | 1450.1 |
| 175°   | 1459.0 | 1460.6 | 1462.1 | 1463.6 | 1464.4 | 1463.5 | 1461.7 | 1460.0 | 1458.2 | 1456.4 | 1458.2 |
| 177.5° | 1463.7 | 1465.2 | 1466.8 | 1468.3 | 1469.1 | 1468.2 | 1466.4 | 1464.6 | 1462.8 | 1461.0 | 1462.8 |
| 180°   | 1465.6 | 1465.6 | 1465.6 | 1465.6 | 1465.6 | 1465.6 | 1465.6 | 1465.6 | 1465.6 | 1465.6 | 1465.6 |

TEST NUMBER: P1012437

CATALOG NUMBER: S123RDIP-B340D1195UB27-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (continued):**

|        | 100°  | 105°  | 110°  | 112.5° | 115°  | 120°  | 125°  | 130°  | 135°  | 140°  | 145°  |
|--------|-------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 525.3 | 525.3 | 525.3 | 525.3  | 525.3 | 525.3 | 525.3 | 525.3 | 525.3 | 525.3 | 525.3 |
| 2.5°   | 567.1 | 564.4 | 562.6 | 561.3  | 559.9 | 564.0 | 558.6 | 552.7 | 548.7 | 546.0 | 545.1 |
| 5°     | 626.5 | 620.6 | 615.7 | 611.6  | 612.5 | 612.5 | 603.1 | 592.7 | 583.8 | 578.8 | 573.4 |
| 7.5°   | 695.3 | 689.0 | 679.1 | 676.8  | 675.1 | 663.8 | 654.4 | 635.5 | 624.2 | 613.0 | 603.1 |
| 10°    | 763.6 | 755.6 | 746.1 | 743.0  | 738.5 | 724.5 | 710.1 | 685.8 | 671.9 | 651.2 | 638.2 |
| 12.5°  | 827.5 | 817.6 | 808.2 | 805.9  | 799.2 | 787.0 | 762.3 | 737.1 | 713.3 | 691.2 | 668.3 |
| 15°    | 881.0 | 878.3 | 863.9 | 854.9  | 840.1 | 823.5 | 818.1 | 783.9 | 753.8 | 730.8 | 689.4 |
| 17.5°  | 926.0 | 913.4 | 899.9 | 894.1  | 888.2 | 868.9 | 849.5 | 814.5 | 782.1 | 748.4 | 721.8 |
| 20°    | 962.0 | 948.0 | 938.6 | 930.1  | 927.4 | 905.3 | 874.7 | 843.7 | 808.2 | 770.4 | 735.8 |
| 22.5°  | 963.8 | 962.0 | 955.7 | 950.7  | 945.3 | 930.9 | 906.7 | 868.0 | 830.2 | 788.8 | 743.4 |
| 25°    | 926.5 | 923.8 | 941.7 | 937.2  | 940.8 | 935.4 | 922.4 | 890.0 | 846.0 | 797.4 | 751.5 |
| 27.5°  | 814.0 | 841.5 | 869.8 | 879.7  | 886.4 | 905.8 | 912.1 | 894.1 | 858.5 | 806.8 | 755.6 |
| 30°    | 661.1 | 697.5 | 743.4 | 768.1  | 787.0 | 823.0 | 869.8 | 875.6 | 859.0 | 817.6 | 754.7 |
| 32.5°  | 519.0 | 552.3 | 589.2 | 618.4  | 643.6 | 717.3 | 780.3 | 825.7 | 833.8 | 812.2 | 756.9 |
| 35°    | 418.3 | 432.6 | 467.7 | 495.6  | 529.8 | 592.7 | 667.0 | 740.3 | 789.7 | 792.4 | 750.2 |
| 37.5°  | 344.9 | 352.6 | 383.2 | 398.9  | 419.2 | 474.5 | 543.7 | 639.5 | 716.4 | 752.9 | 731.3 |
| 40°    | 285.6 | 303.1 | 320.7 | 329.7  | 344.0 | 382.3 | 448.8 | 523.9 | 619.3 | 686.7 | 702.0 |
| 42.5°  | 247.8 | 255.4 | 266.7 | 279.3  | 288.3 | 321.6 | 366.1 | 434.9 | 520.8 | 614.8 | 657.1 |
| 45°    | 218.6 | 221.3 | 233.0 | 241.1  | 250.5 | 273.9 | 305.4 | 362.9 | 438.5 | 531.1 | 603.1 |
| 47.5°  | 194.3 | 199.7 | 206.0 | 210.9  | 217.2 | 235.2 | 262.2 | 304.0 | 370.6 | 453.3 | 530.7 |
| 50°    | 172.7 | 175.8 | 183.9 | 186.2  | 190.7 | 203.3 | 224.0 | 255.9 | 310.8 | 376.9 | 456.9 |
| 52.5°  | 152.5 | 158.3 | 161.5 | 164.6  | 168.7 | 179.0 | 192.5 | 218.6 | 259.9 | 322.0 | 389.9 |
| 55°    | 136.7 | 138.5 | 143.0 | 145.7  | 148.9 | 156.1 | 167.8 | 187.1 | 219.5 | 268.9 | 333.3 |
| 57.5°  | 121.4 | 121.4 | 125.9 | 128.2  | 131.3 | 136.7 | 147.1 | 161.9 | 185.3 | 222.2 | 281.1 |
| 60°    | 105.2 | 105.7 | 109.3 | 112.0  | 112.9 | 118.3 | 126.8 | 138.5 | 156.5 | 183.5 | 231.6 |
| 62.5°  | 90.8  | 93.1  | 94.9  | 95.8   | 98.9  | 102.1 | 109.3 | 117.4 | 130.0 | 153.8 | 188.0 |
| 65°    | 78.7  | 79.2  | 80.5  | 81.4   | 82.8  | 86.3  | 91.7  | 97.1  | 107.9 | 125.5 | 153.4 |
| 67.5°  | 64.8  | 66.6  | 68.4  | 68.4   | 69.7  | 71.5  | 76.9  | 81.4  | 89.5  | 99.8  | 118.7 |
| 70°    | 48.6  | 49.5  | 52.2  | 53.5   | 55.3  | 58.5  | 61.2  | 63.9  | 70.2  | 77.8  | 92.2  |
| 72.5°  | 40.5  | 40.5  | 41.4  | 41.8   | 41.8  | 44.1  | 48.1  | 50.8  | 54.0  | 59.4  | 69.3  |
| 75°    | 32.4  | 32.4  | 33.7  | 33.3   | 34.2  | 35.1  | 35.5  | 37.3  | 39.1  | 43.2  | 49.0  |
| 77.5°  | 25.6  | 26.1  | 26.1  | 26.5   | 26.5  | 27.0  | 27.4  | 28.3  | 29.2  | 31.5  | 34.2  |
| 80°    | 18.9  | 19.3  | 19.3  | 19.8   | 19.8  | 20.2  | 20.7  | 21.1  | 22.0  | 22.9  | 24.3  |
| 82.5°  | 13.0  | 13.5  | 13.5  | 13.9   | 13.5  | 13.9  | 14.4  | 14.4  | 14.8  | 15.7  | 16.2  |
| 85°    | 7.6   | 7.6   | 8.1   | 7.6    | 7.6   | 7.6   | 8.1   | 8.1   | 8.5   | 9.9   | 9.9   |
| 87.5°  | 2.2   | 2.7   | 2.2   | 2.7    | 2.7   | 2.7   | 2.7   | 3.1   | 3.1   | 3.6   | 4.0   |
| 90°    | 33.5  | 33.0  | 32.5  | 32.2   | 31.7  | 30.7  | 29.6  | 28.6  | 27.6  | 24.3  | 21.0  |
| 92.5°  | 50.5  | 51.0  | 51.5  | 51.8   | 51.4  | 50.7  | 49.9  | 49.2  | 48.4  | 46.8  | 45.3  |
| 95°    | 89.8  | 89.8  | 89.8  | 89.8   | 89.3  | 88.3  | 87.2  | 86.2  | 85.2  | 83.2  | 81.1  |
| 97.5°  | 129.4 | 129.7 | 130.0 | 130.1  | 129.5 | 128.2 | 126.9 | 125.6 | 124.3 | 122.8 | 121.2 |
| 100°   | 174.0 | 173.5 | 173.0 | 172.7  | 172.3 | 171.5 | 170.8 | 170.0 | 169.2 | 167.9 | 166.7 |
| 102.5° | 222.7 | 223.0 | 223.3 | 223.4  | 223.0 | 222.2 | 221.5 | 220.7 | 219.9 | 218.1 | 216.3 |
| 105°   | 273.0 | 272.5 | 272.0 | 271.7  | 271.7 | 271.7 | 271.7 | 271.7 | 271.7 | 269.4 | 267.1 |
| 107.5° | 327.5 | 327.7 | 328.0 | 328.1  | 327.7 | 327.0 | 326.2 | 325.5 | 324.7 | 323.7 | 322.7 |
| 110°   | 382.1 | 382.6 | 383.1 | 383.4  | 382.9 | 381.9 | 380.8 | 379.8 | 378.8 | 378.3 | 377.8 |

TEST NUMBER: P1012437

CATALOG NUMBER: S123RDIP-B340D1195UB27-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (continued):**

|        | 100°   | 105°   | 110°   | 112.5° | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 438.6  | 438.6  | 438.6  | 438.6  | 438.0  | 436.7  | 435.4  | 434.2  | 432.9  | 432.9  | 432.9  |
| 115°   | 491.0  | 491.2  | 491.5  | 491.6  | 491.5  | 491.2  | 491.0  | 490.7  | 490.5  | 491.0  | 491.5  |
| 117.5° | 545.0  | 545.7  | 546.5  | 546.9  | 546.9  | 546.9  | 546.9  | 546.9  | 546.9  | 547.4  | 547.9  |
| 120°   | 600.8  | 601.3  | 601.8  | 602.1  | 602.2  | 602.5  | 602.8  | 603.0  | 603.3  | 604.6  | 605.8  |
| 122.5° | 655.5  | 656.2  | 657.0  | 657.4  | 657.8  | 658.5  | 659.3  | 660.0  | 660.8  | 661.3  | 661.8  |
| 125°   | 710.1  | 711.1  | 712.2  | 712.7  | 713.2  | 714.2  | 715.3  | 716.3  | 717.3  | 717.8  | 718.3  |
| 127.5° | 764.2  | 765.3  | 766.3  | 766.8  | 767.6  | 769.1  | 770.6  | 772.2  | 773.7  | 774.2  | 774.7  |
| 130°   | 818.7  | 820.5  | 822.3  | 823.2  | 823.7  | 824.7  | 825.8  | 826.8  | 827.8  | 828.6  | 829.3  |
| 132.5° | 872.9  | 874.2  | 875.5  | 876.1  | 876.7  | 878.0  | 879.3  | 880.6  | 881.9  | 882.4  | 882.9  |
| 135°   | 928.9  | 929.4  | 929.9  | 930.2  | 930.7  | 931.8  | 932.8  | 933.9  | 934.9  | 935.1  | 935.4  |
| 137.5° | 980.2  | 980.9  | 981.7  | 982.1  | 982.7  | 984.0  | 985.3  | 986.5  | 987.8  | 987.0  | 986.3  |
| 140°   | 1031.7 | 1033.5 | 1035.3 | 1036.2 | 1036.3 | 1036.6 | 1036.8 | 1037.1 | 1037.3 | 1037.1 | 1036.8 |
| 142.5° | 1081.3 | 1082.6 | 1083.9 | 1084.5 | 1084.6 | 1084.9 | 1085.2 | 1085.4 | 1085.7 | 1085.2 | 1084.7 |
| 145°   | 1129.1 | 1130.2 | 1131.2 | 1131.7 | 1131.8 | 1132.1 | 1132.4 | 1132.6 | 1132.9 | 1132.1 | 1131.3 |
| 147.5° | 1174.0 | 1175.5 | 1177.0 | 1177.8 | 1177.8 | 1177.8 | 1177.8 | 1177.8 | 1177.8 | 1177.0 | 1176.2 |
| 150°   | 1215.4 | 1216.9 | 1218.4 | 1219.2 | 1219.2 | 1219.2 | 1219.2 | 1219.2 | 1219.2 | 1218.7 | 1218.2 |
| 152.5° | 1255.2 | 1256.5 | 1257.8 | 1258.4 | 1258.1 | 1257.6 | 1257.1 | 1256.6 | 1256.1 | 1255.8 | 1255.6 |
| 155°   | 1291.9 | 1293.7 | 1295.5 | 1296.4 | 1295.9 | 1294.9 | 1293.8 | 1292.8 | 1291.8 | 1291.5 | 1291.3 |
| 157.5° | 1324.8 | 1326.3 | 1327.8 | 1328.6 | 1328.1 | 1327.1 | 1326.0 | 1325.0 | 1324.0 | 1323.7 | 1323.5 |
| 160°   | 1355.9 | 1357.0 | 1358.0 | 1358.5 | 1357.9 | 1356.6 | 1355.3 | 1354.1 | 1352.8 | 1352.8 | 1352.8 |
| 162.5° | 1381.7 | 1383.5 | 1385.3 | 1386.2 | 1385.6 | 1384.3 | 1383.0 | 1381.7 | 1380.4 | 1380.1 | 1379.9 |
| 165°   | 1404.7 | 1406.5 | 1408.3 | 1409.2 | 1408.4 | 1406.9 | 1405.4 | 1403.8 | 1402.3 | 1402.3 | 1402.3 |
| 167.5° | 1424.9 | 1426.5 | 1428.0 | 1428.8 | 1428.0 | 1426.5 | 1424.9 | 1423.4 | 1421.8 | 1421.6 | 1421.3 |
| 170°   | 1440.4 | 1442.2 | 1444.0 | 1444.9 | 1444.0 | 1442.2 | 1440.4 | 1438.6 | 1436.8 | 1436.8 | 1436.8 |
| 172.5° | 1451.9 | 1453.7 | 1455.5 | 1456.4 | 1455.6 | 1454.1 | 1452.6 | 1451.0 | 1449.5 | 1449.5 | 1449.5 |
| 175°   | 1460.0 | 1461.7 | 1463.5 | 1464.4 | 1463.6 | 1462.1 | 1460.6 | 1459.0 | 1457.5 | 1457.5 | 1457.5 |
| 177.5° | 1464.6 | 1466.4 | 1468.2 | 1469.1 | 1468.3 | 1466.8 | 1465.2 | 1463.7 | 1462.1 | 1462.1 | 1462.1 |
| 180°   | 1465.6 | 1465.6 | 1465.6 | 1465.6 | 1465.6 | 1465.6 | 1465.6 | 1465.6 | 1465.6 | 1465.6 | 1465.6 |

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**CANDELA DISTRIBUTION (continued):**

|        | 150°  | 155°  | 157.5° | 160°  | 165°  | 170°  | 175°  | 180°  | 185°  | 190°  | 195°  |
|--------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 525.3 | 525.3 | 525.3  | 525.3 | 525.3 | 525.3 | 525.3 | 525.3 | 525.3 | 525.3 | 525.3 |
| 2.5°   | 543.7 | 541.5 | 539.2  | 539.2 | 534.3 | 529.8 | 527.5 | 528.4 | 525.7 | 522.1 | 518.5 |
| 5°     | 567.6 | 558.6 | 556.8  | 551.8 | 545.1 | 535.6 | 530.7 | 526.2 | 520.8 | 513.6 | 506.9 |
| 7.5°   | 589.6 | 577.9 | 571.6  | 566.7 | 553.6 | 540.6 | 529.8 | 522.6 | 513.1 | 502.4 | 494.3 |
| 10°    | 618.4 | 596.8 | 590.1  | 578.8 | 560.4 | 541.9 | 529.3 | 517.6 | 504.6 | 492.0 | 481.2 |
| 12.5°  | 641.3 | 616.6 | 604.0  | 592.7 | 568.9 | 545.5 | 524.4 | 510.0 | 494.3 | 480.3 | 466.4 |
| 15°    | 667.4 | 639.5 | 617.5  | 604.0 | 573.9 | 545.5 | 521.7 | 501.5 | 483.9 | 466.8 | 454.7 |
| 17.5°  | 680.0 | 644.9 | 635.0  | 615.7 | 572.1 | 543.7 | 514.5 | 492.9 | 471.8 | 452.0 | 437.6 |
| 20°    | 699.8 | 658.9 | 634.1  | 621.1 | 582.4 | 540.6 | 506.4 | 481.7 | 459.6 | 438.5 | 423.2 |
| 22.5°  | 701.1 | 656.6 | 640.4  | 615.7 | 568.0 | 531.1 | 499.2 | 469.1 | 443.4 | 423.6 | 407.9 |
| 25°    | 698.0 | 652.6 | 630.1  | 610.3 | 570.7 | 525.7 | 484.8 | 455.1 | 429.9 | 407.0 | 388.6 |
| 27.5°  | 696.6 | 640.9 | 619.7  | 599.9 | 555.4 | 510.0 | 476.3 | 442.5 | 413.8 | 393.5 | 374.6 |
| 30°    | 694.8 | 628.3 | 602.6  | 579.7 | 538.8 | 497.9 | 457.4 | 428.1 | 400.7 | 375.1 | 356.2 |
| 32.5°  | 683.1 | 611.2 | 585.1  | 560.8 | 516.7 | 475.8 | 443.9 | 412.9 | 383.2 | 359.3 | 342.2 |
| 35°    | 679.5 | 595.4 | 561.3  | 535.2 | 492.0 | 455.6 | 421.9 | 396.2 | 368.3 | 344.5 | 324.3 |
| 37.5°  | 669.2 | 579.3 | 542.4  | 509.1 | 464.1 | 429.5 | 404.8 | 379.1 | 352.1 | 326.5 | 310.3 |
| 40°    | 651.2 | 560.4 | 518.5  | 484.4 | 438.0 | 403.0 | 380.0 | 361.1 | 334.6 | 311.7 | 291.9 |
| 42.5°  | 624.7 | 541.0 | 496.1  | 460.1 | 408.8 | 376.0 | 357.1 | 339.1 | 316.6 | 292.8 | 276.6 |
| 45°    | 594.1 | 515.4 | 473.6  | 433.5 | 381.4 | 349.4 | 329.7 | 318.9 | 298.2 | 277.9 | 259.0 |
| 47.5°  | 552.3 | 488.9 | 447.5  | 406.1 | 353.0 | 322.0 | 306.3 | 295.5 | 281.1 | 259.0 | 243.8 |
| 50°    | 499.7 | 454.7 | 415.6  | 378.7 | 325.2 | 295.5 | 279.7 | 271.6 | 259.5 | 243.8 | 228.9 |
| 52.5°  | 441.2 | 415.1 | 382.7  | 348.5 | 296.8 | 268.9 | 254.5 | 248.3 | 239.3 | 224.4 | 211.8 |
| 55°    | 382.3 | 371.0 | 349.0  | 315.3 | 267.1 | 244.2 | 231.6 | 223.5 | 216.8 | 206.0 | 195.2 |
| 57.5°  | 329.7 | 324.3 | 309.0  | 282.9 | 242.4 | 218.6 | 207.8 | 202.4 | 197.0 | 188.9 | 178.1 |
| 60°    | 275.2 | 281.1 | 265.3  | 252.3 | 215.4 | 194.7 | 185.3 | 179.4 | 176.7 | 169.5 | 162.8 |
| 62.5°  | 228.0 | 233.4 | 224.4  | 214.5 | 188.4 | 170.0 | 164.2 | 158.8 | 157.0 | 150.7 | 143.9 |
| 65°    | 185.3 | 192.0 | 185.3  | 179.9 | 164.2 | 148.9 | 141.7 | 139.0 | 137.2 | 133.1 | 127.7 |
| 67.5°  | 147.5 | 154.3 | 151.1  | 144.4 | 139.4 | 126.8 | 122.8 | 120.1 | 119.2 | 116.0 | 111.5 |
| 70°    | 111.1 | 120.5 | 121.4  | 117.4 | 112.9 | 107.0 | 104.3 | 103.4 | 101.2 | 98.5  | 95.8  |
| 72.5°  | 80.1  | 90.8  | 91.3   | 91.3  | 88.6  | 88.6  | 85.9  | 84.6  | 84.6  | 81.9  | 78.7  |
| 75°    | 58.9  | 66.1  | 67.0   | 67.9  | 69.3  | 70.6  | 68.8  | 68.8  | 68.4  | 65.7  | 64.3  |
| 77.5°  | 39.1  | 45.4  | 47.7   | 50.8  | 52.6  | 52.6  | 53.5  | 54.4  | 53.5  | 52.2  | 51.3  |
| 80°    | 25.2  | 29.7  | 32.4   | 34.2  | 36.9  | 38.2  | 39.6  | 40.0  | 39.1  | 38.7  | 37.3  |
| 82.5°  | 16.6  | 18.0  | 19.3   | 21.6  | 24.7  | 27.0  | 27.0  | 26.5  | 27.4  | 27.0  | 26.5  |
| 85°    | 9.4   | 10.3  | 10.8   | 11.2  | 13.0  | 15.3  | 15.7  | 16.2  | 17.1  | 16.2  | 15.3  |
| 87.5°  | 3.6   | 4.0   | 4.0    | 4.0   | 4.9   | 5.4   | 6.7   | 8.5   | 8.1   | 7.2   | 7.2   |
| 90°    | 17.7  | 14.4  | 12.7   | 11.4  | 8.9   | 6.3   | 3.8   | 1.2   | 3.8   | 6.3   | 8.9   |
| 92.5°  | 43.7  | 42.2  | 41.4   | 40.6  | 39.1  | 37.6  | 36.0  | 34.5  | 36.0  | 37.6  | 39.1  |
| 95°    | 79.1  | 77.0  | 76.0   | 75.1  | 73.3  | 71.5  | 69.7  | 67.9  | 69.7  | 71.5  | 73.3  |
| 97.5°  | 119.7 | 118.2 | 117.4  | 116.8 | 115.5 | 114.2 | 113.0 | 111.7 | 113.0 | 114.2 | 115.5 |
| 100°   | 165.4 | 164.1 | 163.5  | 162.7 | 161.2 | 159.7 | 158.1 | 156.6 | 158.1 | 159.7 | 161.2 |
| 102.5° | 214.5 | 212.7 | 211.8  | 211.4 | 210.7 | 209.9 | 209.2 | 208.4 | 209.2 | 209.9 | 210.7 |
| 105°   | 264.8 | 262.5 | 261.3  | 261.0 | 260.5 | 260.0 | 259.5 | 259.0 | 259.5 | 260.0 | 260.5 |
| 107.5° | 321.6 | 320.6 | 320.1  | 320.0 | 319.7 | 319.4 | 319.2 | 318.9 | 319.2 | 319.4 | 319.7 |
| 110°   | 377.3 | 376.8 | 376.5  | 376.2 | 375.7 | 375.2 | 374.7 | 374.2 | 374.7 | 375.2 | 375.7 |

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**CANDELA DISTRIBUTION (continued):**

|        | 150°   | 155°   | 157.5° | 160°   | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 432.9  | 432.9  | 432.9  | 432.8  | 432.5  | 432.2  | 432.0  | 431.7  | 432.0  | 432.2  | 432.5  |
| 115°   | 492.0  | 492.5  | 492.8  | 492.4  | 491.6  | 490.9  | 490.1  | 489.3  | 490.1  | 490.9  | 491.6  |
| 117.5° | 548.4  | 548.9  | 549.2  | 549.1  | 548.8  | 548.5  | 548.3  | 548.0  | 548.3  | 548.5  | 548.8  |
| 120°   | 607.1  | 608.4  | 609.0  | 608.2  | 606.7  | 605.2  | 603.6  | 602.1  | 603.6  | 605.2  | 606.7  |
| 122.5° | 662.3  | 662.8  | 663.1  | 662.6  | 661.6  | 660.5  | 659.5  | 658.5  | 659.5  | 660.5  | 661.6  |
| 125°   | 718.8  | 719.3  | 719.6  | 719.2  | 718.4  | 717.7  | 716.9  | 716.1  | 716.9  | 717.7  | 718.4  |
| 127.5° | 775.2  | 775.7  | 776.0  | 775.2  | 773.7  | 772.2  | 770.6  | 769.1  | 770.6  | 772.2  | 773.7  |
| 130°   | 830.1  | 830.8  | 831.2  | 830.2  | 828.1  | 826.1  | 824.0  | 822.0  | 824.0  | 826.1  | 828.1  |
| 132.5° | 883.4  | 883.9  | 884.2  | 883.2  | 881.1  | 879.1  | 877.0  | 875.0  | 877.0  | 879.1  | 881.1  |
| 135°   | 935.6  | 935.9  | 936.0  | 935.2  | 933.7  | 932.2  | 930.6  | 929.1  | 930.6  | 932.2  | 933.7  |
| 137.5° | 985.5  | 984.8  | 984.4  | 983.8  | 982.5  | 981.2  | 979.9  | 978.6  | 979.9  | 981.2  | 982.5  |
| 140°   | 1036.6 | 1036.3 | 1036.2 | 1035.6 | 1034.3 | 1033.0 | 1031.7 | 1030.4 | 1031.7 | 1033.0 | 1034.3 |
| 142.5° | 1084.2 | 1083.7 | 1083.4 | 1082.8 | 1081.5 | 1080.2 | 1078.9 | 1077.6 | 1078.9 | 1080.2 | 1081.5 |
| 145°   | 1130.6 | 1129.8 | 1129.4 | 1129.1 | 1128.6 | 1128.1 | 1127.6 | 1127.1 | 1127.6 | 1128.1 | 1128.6 |
| 147.5° | 1175.5 | 1174.7 | 1174.3 | 1173.8 | 1172.8 | 1171.7 | 1170.7 | 1169.7 | 1170.7 | 1171.7 | 1172.8 |
| 150°   | 1217.7 | 1217.2 | 1216.9 | 1216.6 | 1216.1 | 1215.6 | 1215.1 | 1214.6 | 1215.1 | 1215.6 | 1216.1 |
| 152.5° | 1255.3 | 1255.0 | 1254.9 | 1254.5 | 1253.8 | 1253.0 | 1252.3 | 1251.5 | 1252.3 | 1253.0 | 1253.8 |
| 155°   | 1291.0 | 1290.7 | 1290.6 | 1290.6 | 1290.6 | 1290.6 | 1290.6 | 1290.6 | 1290.6 | 1290.6 | 1290.6 |
| 157.5° | 1323.2 | 1322.9 | 1322.8 | 1322.9 | 1323.2 | 1323.5 | 1323.7 | 1324.0 | 1323.7 | 1323.5 | 1323.2 |
| 160°   | 1352.8 | 1352.8 | 1352.8 | 1353.1 | 1353.6 | 1354.1 | 1354.6 | 1355.1 | 1354.6 | 1354.1 | 1353.6 |
| 162.5° | 1379.6 | 1379.3 | 1379.2 | 1379.6 | 1380.4 | 1381.1 | 1381.9 | 1382.7 | 1381.9 | 1381.1 | 1380.4 |
| 165°   | 1402.3 | 1402.3 | 1402.3 | 1402.7 | 1403.4 | 1404.2 | 1404.9 | 1405.7 | 1404.9 | 1404.2 | 1403.4 |
| 167.5° | 1421.1 | 1420.8 | 1420.7 | 1421.2 | 1422.2 | 1423.3 | 1424.3 | 1425.3 | 1424.3 | 1423.3 | 1422.2 |
| 170°   | 1436.8 | 1436.8 | 1436.8 | 1437.3 | 1438.3 | 1439.4 | 1440.4 | 1441.4 | 1440.4 | 1439.4 | 1438.3 |
| 172.5° | 1449.5 | 1449.5 | 1449.5 | 1450.0 | 1451.0 | 1452.1 | 1453.1 | 1454.1 | 1453.1 | 1452.1 | 1451.0 |
| 175°   | 1457.5 | 1457.5 | 1457.5 | 1458.0 | 1459.0 | 1460.1 | 1461.1 | 1462.1 | 1461.1 | 1460.1 | 1459.0 |
| 177.5° | 1462.1 | 1462.1 | 1462.1 | 1462.6 | 1463.6 | 1464.7 | 1465.7 | 1466.7 | 1465.7 | 1464.7 | 1463.6 |
| 180°   | 1465.6 | 1465.6 | 1465.6 | 1465.6 | 1465.6 | 1465.6 | 1465.6 | 1465.6 | 1465.6 | 1465.6 | 1465.6 |

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**CANDELA DISTRIBUTION (continued):**

|        | 200°  | 202.5° | 205°  | 210°  | 215°  | 220°  | 225°  | 230°  | 235°  | 240°  | 245°  |
|--------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 525.3 | 525.3  | 525.3 | 525.3 | 525.3 | 525.3 | 525.3 | 525.3 | 525.3 | 525.3 | 525.3 |
| 2.5°   | 518.5 | 516.3  | 515.4 | 513.1 | 507.7 | 504.2 | 500.1 | 497.4 | 497.9 | 495.6 | 497.0 |
| 5°     | 502.4 | 501.9  | 498.8 | 494.3 | 486.6 | 482.6 | 475.4 | 471.8 | 470.0 | 470.4 | 467.7 |
| 7.5°   | 488.9 | 484.8  | 482.6 | 475.4 | 468.2 | 459.6 | 453.8 | 450.6 | 447.9 | 445.2 | 443.4 |
| 10°    | 473.6 | 470.0  | 466.4 | 458.7 | 448.8 | 440.7 | 432.6 | 429.5 | 425.4 | 423.6 | 422.3 |
| 12.5°  | 457.4 | 455.1  | 450.6 | 441.6 | 430.4 | 422.8 | 413.3 | 411.5 | 406.1 | 402.5 | 401.6 |
| 15°    | 442.5 | 441.2  | 433.1 | 422.8 | 411.5 | 403.9 | 395.8 | 390.4 | 381.4 | 383.2 | 380.0 |
| 17.5°  | 426.8 | 421.0  | 416.0 | 402.1 | 396.7 | 385.0 | 375.5 | 372.8 | 366.5 | 362.5 | 358.4 |
| 20°    | 409.3 | 405.7  | 399.4 | 390.4 | 377.3 | 363.8 | 356.6 | 352.1 | 348.5 | 342.2 | 340.4 |
| 22.5°  | 392.6 | 388.1  | 382.7 | 371.0 | 359.8 | 348.5 | 338.6 | 334.6 | 330.1 | 325.6 | 322.9 |
| 25°    | 379.6 | 372.8  | 367.0 | 352.6 | 341.3 | 331.9 | 325.6 | 318.9 | 312.6 | 309.9 | 309.0 |
| 27.5°  | 359.3 | 355.3  | 349.4 | 336.0 | 325.6 | 315.3 | 309.4 | 304.9 | 298.2 | 295.0 | 292.3 |
| 30°    | 346.3 | 338.2  | 331.5 | 320.7 | 310.3 | 299.1 | 293.7 | 288.3 | 284.2 | 280.2 | 277.0 |
| 32.5°  | 328.8 | 322.5  | 317.1 | 306.3 | 295.9 | 285.6 | 279.7 | 271.6 | 269.4 | 266.2 | 262.6 |
| 35°    | 311.7 | 307.6  | 301.8 | 290.1 | 278.8 | 271.6 | 265.3 | 257.7 | 255.0 | 252.8 | 249.6 |
| 37.5°  | 295.5 | 289.6  | 285.6 | 274.3 | 264.4 | 255.9 | 251.0 | 244.7 | 242.9 | 240.2 | 237.9 |
| 40°    | 281.5 | 275.7  | 271.6 | 260.4 | 250.1 | 241.1 | 237.9 | 231.6 | 228.9 | 225.8 | 224.4 |
| 42.5°  | 265.8 | 260.8  | 255.4 | 247.4 | 236.6 | 227.6 | 221.3 | 217.7 | 214.1 | 212.7 | 210.0 |
| 45°    | 249.2 | 244.7  | 240.6 | 231.6 | 220.4 | 214.1 | 208.7 | 203.7 | 201.0 | 198.8 | 197.0 |
| 47.5°  | 234.8 | 230.7  | 225.3 | 215.4 | 206.4 | 200.6 | 195.2 | 190.2 | 187.5 | 184.8 | 182.6 |
| 50°    | 218.1 | 215.9  | 210.0 | 200.6 | 192.0 | 185.3 | 180.3 | 175.8 | 174.0 | 170.9 | 167.3 |
| 52.5°  | 203.3 | 199.2  | 194.3 | 186.6 | 179.0 | 170.9 | 164.2 | 161.5 | 158.3 | 156.5 | 153.4 |
| 55°    | 185.7 | 183.0  | 177.6 | 170.9 | 162.8 | 156.1 | 151.1 | 147.5 | 143.5 | 141.7 | 137.6 |
| 57.5°  | 170.9 | 166.0  | 163.3 | 154.7 | 147.1 | 140.3 | 136.7 | 133.1 | 128.6 | 125.9 | 124.1 |
| 60°    | 154.7 | 150.2  | 146.2 | 139.0 | 133.6 | 126.4 | 121.0 | 117.8 | 114.7 | 111.1 | 109.3 |
| 62.5°  | 139.0 | 135.4  | 130.4 | 124.6 | 117.8 | 112.0 | 107.9 | 103.4 | 101.6 | 98.0  | 96.7  |
| 65°    | 121.9 | 119.2  | 115.1 | 108.4 | 103.0 | 98.0  | 94.0  | 90.4  | 88.6  | 87.2  | 86.3  |
| 67.5°  | 106.6 | 103.0  | 100.3 | 94.4  | 88.6  | 84.6  | 82.3  | 80.1  | 77.8  | 76.5  | 75.1  |
| 70°    | 90.8  | 88.1   | 85.4  | 80.1  | 76.0  | 72.4  | 70.6  | 68.8  | 67.5  | 66.1  | 64.8  |
| 72.5°  | 74.7  | 73.3   | 70.6  | 67.0  | 63.9  | 61.2  | 59.8  | 57.6  | 56.2  | 54.0  | 53.1  |
| 75°    | 61.6  | 59.4   | 58.0  | 54.9  | 52.2  | 49.9  | 48.1  | 45.4  | 43.6  | 42.7  | 42.3  |
| 77.5°  | 48.6  | 47.7   | 45.9  | 43.2  | 41.8  | 39.6  | 36.9  | 36.0  | 35.1  | 35.1  | 34.6  |
| 80°    | 36.4  | 35.1   | 33.7  | 31.5  | 30.1  | 28.3  | 28.3  | 28.3  | 27.9  | 28.3  | 27.9  |
| 82.5°  | 24.7  | 23.8   | 22.9  | 21.6  | 21.1  | 21.1  | 21.6  | 21.6  | 21.6  | 21.6  | 21.6  |
| 85°    | 14.4  | 14.4   | 14.4  | 14.8  | 14.4  | 14.4  | 14.8  | 15.3  | 14.8  | 14.8  | 14.4  |
| 87.5°  | 6.7   | 6.7    | 7.2   | 7.2   | 7.6   | 7.6   | 7.6   | 7.6   | 7.6   | 7.6   | 8.1   |
| 90°    | 11.4  | 12.7   | 14.4  | 17.7  | 21.0  | 24.3  | 27.6  | 28.6  | 29.6  | 30.7  | 31.7  |
| 92.5°  | 40.6  | 41.4   | 42.2  | 43.7  | 45.3  | 46.8  | 48.4  | 49.2  | 49.9  | 50.7  | 51.4  |
| 95°    | 75.1  | 76.0   | 77.0  | 79.1  | 81.1  | 83.2  | 85.2  | 86.2  | 87.2  | 88.3  | 89.3  |
| 97.5°  | 116.8 | 117.4  | 118.2 | 119.7 | 121.2 | 122.8 | 124.3 | 125.6 | 126.9 | 128.2 | 129.5 |
| 100°   | 162.7 | 163.5  | 164.1 | 165.4 | 166.7 | 167.9 | 169.2 | 170.0 | 170.8 | 171.5 | 172.3 |
| 102.5° | 211.4 | 211.8  | 212.7 | 214.5 | 216.3 | 218.1 | 219.9 | 220.7 | 221.5 | 222.2 | 223.0 |
| 105°   | 261.0 | 261.3  | 262.5 | 264.8 | 267.1 | 269.4 | 271.7 | 271.7 | 271.7 | 271.7 | 271.7 |
| 107.5° | 320.0 | 320.1  | 320.6 | 321.6 | 322.7 | 323.7 | 324.7 | 325.5 | 326.2 | 327.0 | 327.7 |
| 110°   | 376.2 | 376.5  | 376.8 | 377.3 | 377.8 | 378.3 | 378.8 | 379.8 | 380.8 | 381.9 | 382.9 |

TEST NUMBER: P1012437

CATALOG NUMBER: S123RDIP-B340D1195UB27-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (continued):**

|        | 200°   | 202.5° | 205°   | 210°   | 215°   | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 432.8  | 432.9  | 432.9  | 432.9  | 432.9  | 432.9  | 432.9  | 434.2  | 435.4  | 436.7  | 438.0  |
| 115°   | 492.4  | 492.8  | 492.5  | 492.0  | 491.5  | 491.0  | 490.5  | 490.7  | 491.0  | 491.2  | 491.5  |
| 117.5° | 549.1  | 549.2  | 548.9  | 548.4  | 547.9  | 547.4  | 546.9  | 546.9  | 546.9  | 546.9  | 546.9  |
| 120°   | 608.2  | 609.0  | 608.4  | 607.1  | 605.8  | 604.6  | 603.3  | 603.0  | 602.8  | 602.5  | 602.2  |
| 122.5° | 662.6  | 663.1  | 662.8  | 662.3  | 661.8  | 661.3  | 660.8  | 660.0  | 659.3  | 658.5  | 657.8  |
| 125°   | 719.2  | 719.6  | 719.3  | 718.8  | 718.3  | 717.8  | 717.3  | 716.3  | 715.3  | 714.2  | 713.2  |
| 127.5° | 775.2  | 776.0  | 775.7  | 775.2  | 774.7  | 774.2  | 773.7  | 772.2  | 770.6  | 769.1  | 767.6  |
| 130°   | 830.2  | 831.2  | 830.8  | 830.1  | 829.3  | 828.6  | 827.8  | 826.8  | 825.8  | 824.7  | 823.7  |
| 132.5° | 883.2  | 884.2  | 883.9  | 883.4  | 882.9  | 882.4  | 881.9  | 880.6  | 879.3  | 878.0  | 876.7  |
| 135°   | 935.2  | 936.0  | 935.9  | 935.6  | 935.4  | 935.1  | 934.9  | 933.9  | 932.8  | 931.8  | 930.7  |
| 137.5° | 983.8  | 984.4  | 984.8  | 985.5  | 986.3  | 987.0  | 987.8  | 986.5  | 985.3  | 984.0  | 982.7  |
| 140°   | 1035.6 | 1036.2 | 1036.3 | 1036.6 | 1036.8 | 1037.1 | 1037.3 | 1037.1 | 1036.8 | 1036.6 | 1036.3 |
| 142.5° | 1082.8 | 1083.4 | 1083.7 | 1084.2 | 1084.7 | 1085.2 | 1085.7 | 1085.4 | 1085.2 | 1084.9 | 1084.6 |
| 145°   | 1129.1 | 1129.4 | 1129.8 | 1130.6 | 1131.3 | 1132.1 | 1132.9 | 1132.6 | 1132.4 | 1132.1 | 1131.8 |
| 147.5° | 1173.8 | 1174.3 | 1174.7 | 1175.5 | 1176.2 | 1177.0 | 1177.8 | 1177.8 | 1177.8 | 1177.8 | 1177.8 |
| 150°   | 1216.6 | 1216.9 | 1217.2 | 1217.7 | 1218.2 | 1218.7 | 1219.2 | 1219.2 | 1219.2 | 1219.2 | 1219.2 |
| 152.5° | 1254.5 | 1254.9 | 1255.0 | 1255.3 | 1255.6 | 1255.8 | 1256.1 | 1256.6 | 1257.1 | 1257.6 | 1258.1 |
| 155°   | 1290.6 | 1290.6 | 1290.7 | 1291.0 | 1291.3 | 1291.5 | 1291.8 | 1292.8 | 1293.8 | 1294.9 | 1295.9 |
| 157.5° | 1322.9 | 1322.8 | 1322.9 | 1323.2 | 1323.5 | 1323.7 | 1324.0 | 1325.0 | 1326.0 | 1327.1 | 1328.1 |
| 160°   | 1353.1 | 1352.8 | 1352.8 | 1352.8 | 1352.8 | 1352.8 | 1352.8 | 1354.1 | 1355.3 | 1356.6 | 1357.9 |
| 162.5° | 1379.6 | 1379.2 | 1379.3 | 1379.6 | 1379.9 | 1380.1 | 1380.4 | 1381.7 | 1383.0 | 1384.3 | 1385.6 |
| 165°   | 1402.7 | 1402.3 | 1402.3 | 1402.3 | 1402.3 | 1402.3 | 1402.3 | 1403.8 | 1405.4 | 1406.9 | 1408.4 |
| 167.5° | 1421.2 | 1420.7 | 1420.8 | 1421.1 | 1421.3 | 1421.6 | 1421.8 | 1423.4 | 1424.9 | 1426.5 | 1428.0 |
| 170°   | 1437.3 | 1436.8 | 1436.8 | 1436.8 | 1436.8 | 1436.8 | 1436.8 | 1438.6 | 1440.4 | 1442.2 | 1444.0 |
| 172.5° | 1450.0 | 1449.5 | 1449.5 | 1449.5 | 1449.5 | 1449.5 | 1449.5 | 1451.0 | 1452.6 | 1454.1 | 1455.6 |
| 175°   | 1458.0 | 1457.5 | 1457.5 | 1457.5 | 1457.5 | 1457.5 | 1457.5 | 1459.0 | 1460.6 | 1462.1 | 1463.6 |
| 177.5° | 1462.6 | 1462.1 | 1462.1 | 1462.1 | 1462.1 | 1462.1 | 1462.1 | 1463.7 | 1465.2 | 1466.8 | 1468.3 |
| 180°   | 1465.6 | 1465.6 | 1465.6 | 1465.6 | 1465.6 | 1465.6 | 1465.6 | 1465.6 | 1465.6 | 1465.6 | 1465.6 |

TEST NUMBER: P1012437

CATALOG NUMBER: S123RDIP-B340D1195UB27-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°  | 255°  | 260°  | 265°  | 270°  | 275°  | 280°  | 285°  | 290°  | 292.5° |
|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 0°     | 525.3  | 525.3 | 525.3 | 525.3 | 525.3 | 525.3 | 525.3 | 525.3 | 525.3 | 525.3 | 525.3  |
| 2.5°   | 496.5  | 497.0 | 495.6 | 492.9 | 492.5 | 493.4 | 496.1 | 495.2 | 492.9 | 497.0 | 493.4  |
| 5°     | 469.1  | 466.8 | 465.9 | 466.8 | 464.1 | 462.8 | 465.5 | 464.1 | 465.5 | 465.9 | 467.3  |
| 7.5°   | 442.5  | 443.0 | 440.3 | 440.7 | 437.1 | 438.0 | 438.0 | 438.0 | 439.4 | 440.3 | 442.1  |
| 10°    | 419.6  | 420.5 | 417.4 | 417.8 | 415.1 | 413.3 | 414.7 | 417.4 | 417.4 | 417.4 | 418.3  |
| 12.5°  | 401.2  | 397.1 | 394.9 | 394.4 | 391.3 | 390.4 | 393.1 | 394.0 | 396.2 | 396.2 | 397.6  |
| 15°    | 378.2  | 377.3 | 375.5 | 375.5 | 367.9 | 369.7 | 370.6 | 373.7 | 378.2 | 374.6 | 375.5  |
| 17.5°  | 357.5  | 355.3 | 353.0 | 352.1 | 351.2 | 348.5 | 352.1 | 351.7 | 354.4 | 354.8 | 356.2  |
| 20°    | 339.1  | 337.3 | 332.8 | 333.3 | 334.2 | 330.1 | 332.4 | 332.4 | 335.1 | 337.8 | 340.9  |
| 22.5°  | 321.1  | 319.3 | 317.1 | 318.0 | 315.3 | 314.4 | 314.4 | 316.6 | 319.8 | 322.0 | 321.6  |
| 25°    | 307.2  | 304.0 | 302.7 | 301.3 | 300.0 | 300.9 | 299.5 | 301.8 | 304.0 | 305.4 | 304.0  |
| 27.5°  | 291.4  | 290.1 | 287.4 | 286.0 | 283.8 | 284.7 | 285.6 | 287.4 | 288.7 | 288.7 | 290.1  |
| 30°    | 276.1  | 274.3 | 273.4 | 272.1 | 272.1 | 270.3 | 270.7 | 272.5 | 273.9 | 275.2 | 277.0  |
| 32.5°  | 261.3  | 259.9 | 258.6 | 258.6 | 257.7 | 257.2 | 256.8 | 259.5 | 259.5 | 262.2 | 262.2  |
| 35°    | 249.2  | 246.9 | 246.9 | 244.7 | 245.6 | 245.1 | 244.2 | 246.0 | 246.5 | 248.3 | 247.8  |
| 37.5°  | 235.7  | 235.7 | 234.8 | 232.5 | 230.7 | 231.2 | 233.4 | 233.4 | 234.8 | 234.3 | 235.7  |
| 40°    | 222.2  | 221.3 | 221.3 | 219.9 | 219.5 | 219.0 | 219.5 | 219.9 | 222.2 | 221.7 | 222.2  |
| 42.5°  | 208.7  | 209.1 | 206.9 | 206.9 | 206.9 | 205.5 | 206.0 | 206.4 | 207.3 | 208.2 | 209.6  |
| 45°    | 195.6  | 194.7 | 194.3 | 193.4 | 192.5 | 192.9 | 192.5 | 194.3 | 193.8 | 194.7 | 196.1  |
| 47.5°  | 181.7  | 180.3 | 179.9 | 178.1 | 178.1 | 179.0 | 178.5 | 179.9 | 180.3 | 181.7 | 180.8  |
| 50°    | 168.2  | 166.4 | 165.1 | 165.5 | 162.8 | 163.7 | 163.7 | 165.1 | 166.4 | 166.9 | 167.8  |
| 52.5°  | 152.5  | 152.0 | 151.6 | 149.3 | 148.9 | 148.4 | 148.9 | 149.3 | 151.1 | 152.5 | 152.9  |
| 55°    | 137.2  | 136.7 | 134.0 | 133.1 | 131.8 | 131.8 | 132.7 | 133.1 | 136.3 | 136.7 | 138.5  |
| 57.5°  | 123.2  | 121.9 | 118.7 | 118.3 | 118.3 | 118.3 | 116.9 | 118.7 | 119.6 | 121.9 | 121.9  |
| 60°    | 107.9  | 107.9 | 105.2 | 105.2 | 105.7 | 105.2 | 105.2 | 105.7 | 105.7 | 107.5 | 108.4  |
| 62.5°  | 95.8   | 95.3  | 95.3  | 94.4  | 94.0  | 94.4  | 94.0  | 94.0  | 94.4  | 95.8  | 97.1   |
| 65°    | 85.0   | 84.6  | 84.1  | 83.7  | 82.8  | 82.8  | 83.2  | 84.1  | 84.1  | 85.0  | 85.4   |
| 67.5°  | 74.7   | 74.7  | 73.8  | 73.8  | 73.3  | 72.9  | 73.3  | 72.9  | 74.7  | 74.7  | 75.1   |
| 70°    | 64.3   | 63.9  | 62.5  | 62.1  | 60.7  | 61.2  | 61.2  | 62.5  | 63.0  | 63.9  | 64.8   |
| 72.5°  | 51.7   | 51.7  | 50.8  | 49.9  | 50.4  | 49.5  | 49.5  | 49.9  | 49.9  | 51.3  | 51.7   |
| 75°    | 42.7   | 41.8  | 41.4  | 41.8  | 41.4  | 42.3  | 41.4  | 41.4  | 42.3  | 42.3  | 42.3   |
| 77.5°  | 35.1   | 35.1  | 34.6  | 34.6  | 35.1  | 34.6  | 35.1  | 35.1  | 35.1  | 34.6  | 35.1   |
| 80°    | 28.8   | 28.3  | 28.3  | 28.3  | 27.9  | 27.9  | 27.9  | 27.9  | 27.9  | 27.9  | 27.9   |
| 82.5°  | 21.6   | 21.6  | 21.1  | 21.6  | 21.6  | 21.1  | 21.6  | 21.1  | 21.1  | 21.6  | 21.6   |
| 85°    | 14.4   | 15.3  | 14.4  | 14.4  | 14.8  | 14.8  | 15.3  | 14.8  | 15.3  | 14.4  | 14.8   |
| 87.5°  | 7.6    | 8.1   | 8.1   | 7.6   | 7.6   | 8.1   | 8.1   | 8.1   | 8.5   | 7.6   | 8.1    |
| 90°    | 32.2   | 32.5  | 33.0  | 33.5  | 34.0  | 34.5  | 34.0  | 33.5  | 33.0  | 32.5  | 32.2   |
| 92.5°  | 51.8   | 51.5  | 51.0  | 50.5  | 50.0  | 49.5  | 50.0  | 50.5  | 51.0  | 51.5  | 51.8   |
| 95°    | 89.8   | 89.8  | 89.8  | 89.8  | 89.8  | 89.8  | 89.8  | 89.8  | 89.8  | 89.8  | 89.8   |
| 97.5°  | 130.1  | 130.0 | 129.7 | 129.4 | 129.2 | 128.9 | 129.2 | 129.4 | 129.7 | 130.0 | 130.1  |
| 100°   | 172.7  | 173.0 | 173.5 | 174.0 | 174.5 | 175.0 | 174.5 | 174.0 | 173.5 | 173.0 | 172.7  |
| 102.5° | 223.4  | 223.3 | 223.0 | 222.7 | 222.5 | 222.2 | 222.5 | 222.7 | 223.0 | 223.3 | 223.4  |
| 105°   | 271.7  | 272.0 | 272.5 | 273.0 | 273.5 | 274.0 | 273.5 | 273.0 | 272.5 | 272.0 | 271.7  |
| 107.5° | 328.1  | 328.0 | 327.7 | 327.5 | 327.2 | 327.0 | 327.2 | 327.5 | 327.7 | 328.0 | 328.1  |
| 110°   | 383.4  | 383.1 | 382.6 | 382.1 | 381.6 | 381.1 | 381.6 | 382.1 | 382.6 | 383.1 | 383.4  |



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**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°   | 255°   | 260°   | 265°   | 270°   | 275°   | 280°   | 285°   | 290°   | 292.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 438.6  | 438.6  | 438.6  | 438.6  | 438.6  | 438.6  | 438.6  | 438.6  | 438.6  | 438.6  | 438.6  |
| 115°   | 491.6  | 491.5  | 491.2  | 491.0  | 490.7  | 490.5  | 490.7  | 491.0  | 491.2  | 491.5  | 491.6  |
| 117.5° | 546.9  | 546.5  | 545.7  | 545.0  | 544.2  | 543.4  | 544.2  | 545.0  | 545.7  | 546.5  | 546.9  |
| 120°   | 602.1  | 601.8  | 601.3  | 600.8  | 600.3  | 599.8  | 600.3  | 600.8  | 601.3  | 601.8  | 602.1  |
| 122.5° | 657.4  | 657.0  | 656.2  | 655.5  | 654.7  | 653.9  | 654.7  | 655.5  | 656.2  | 657.0  | 657.4  |
| 125°   | 712.7  | 712.2  | 711.1  | 710.1  | 709.0  | 708.0  | 709.0  | 710.1  | 711.1  | 712.2  | 712.7  |
| 127.5° | 766.8  | 766.3  | 765.3  | 764.2  | 763.2  | 762.2  | 763.2  | 764.2  | 765.3  | 766.3  | 766.8  |
| 130°   | 823.2  | 822.3  | 820.5  | 818.7  | 816.9  | 815.1  | 816.9  | 818.7  | 820.5  | 822.3  | 823.2  |
| 132.5° | 876.1  | 875.5  | 874.2  | 872.9  | 871.7  | 870.4  | 871.7  | 872.9  | 874.2  | 875.5  | 876.1  |
| 135°   | 930.2  | 929.9  | 929.4  | 928.9  | 928.4  | 927.9  | 928.4  | 928.9  | 929.4  | 929.9  | 930.2  |
| 137.5° | 982.1  | 981.7  | 980.9  | 980.2  | 979.4  | 978.6  | 979.4  | 980.2  | 980.9  | 981.7  | 982.1  |
| 140°   | 1036.2 | 1035.3 | 1033.5 | 1031.7 | 1029.9 | 1028.1 | 1029.9 | 1031.7 | 1033.5 | 1035.3 | 1036.2 |
| 142.5° | 1084.5 | 1083.9 | 1082.6 | 1081.3 | 1080.1 | 1078.8 | 1080.1 | 1081.3 | 1082.6 | 1083.9 | 1084.5 |
| 145°   | 1131.7 | 1131.2 | 1130.2 | 1129.1 | 1128.1 | 1127.1 | 1128.1 | 1129.1 | 1130.2 | 1131.2 | 1131.7 |
| 147.5° | 1177.8 | 1177.0 | 1175.5 | 1174.0 | 1172.4 | 1170.9 | 1172.4 | 1174.0 | 1175.5 | 1177.0 | 1177.8 |
| 150°   | 1219.2 | 1218.4 | 1216.9 | 1215.4 | 1213.8 | 1212.3 | 1213.8 | 1215.4 | 1216.9 | 1218.4 | 1219.2 |
| 152.5° | 1258.4 | 1257.8 | 1256.5 | 1255.2 | 1253.9 | 1252.6 | 1253.9 | 1255.2 | 1256.5 | 1257.8 | 1258.4 |
| 155°   | 1296.4 | 1295.5 | 1293.7 | 1291.9 | 1290.1 | 1288.3 | 1290.1 | 1291.9 | 1293.7 | 1295.5 | 1296.4 |
| 157.5° | 1328.6 | 1327.8 | 1326.3 | 1324.8 | 1323.2 | 1321.7 | 1323.2 | 1324.8 | 1326.3 | 1327.8 | 1328.6 |
| 160°   | 1358.5 | 1358.0 | 1357.0 | 1355.9 | 1354.9 | 1353.9 | 1354.9 | 1355.9 | 1357.0 | 1358.0 | 1358.5 |
| 162.5° | 1386.2 | 1385.3 | 1383.5 | 1381.7 | 1379.9 | 1378.1 | 1379.9 | 1381.7 | 1383.5 | 1385.3 | 1386.2 |
| 165°   | 1409.2 | 1408.3 | 1406.5 | 1404.7 | 1402.9 | 1401.1 | 1402.9 | 1404.7 | 1406.5 | 1408.3 | 1409.2 |
| 167.5° | 1428.8 | 1428.0 | 1426.5 | 1424.9 | 1423.4 | 1421.8 | 1423.4 | 1424.9 | 1426.5 | 1428.0 | 1428.8 |
| 170°   | 1444.9 | 1444.0 | 1442.2 | 1440.4 | 1438.6 | 1436.8 | 1438.6 | 1440.4 | 1442.2 | 1444.0 | 1444.9 |
| 172.5° | 1456.4 | 1455.5 | 1453.7 | 1451.9 | 1450.1 | 1448.3 | 1450.1 | 1451.9 | 1453.7 | 1455.5 | 1456.4 |
| 175°   | 1464.4 | 1463.5 | 1461.7 | 1460.0 | 1458.2 | 1456.4 | 1458.2 | 1460.0 | 1461.7 | 1463.5 | 1464.4 |
| 177.5° | 1469.1 | 1468.2 | 1466.4 | 1464.6 | 1462.8 | 1461.0 | 1462.8 | 1464.6 | 1466.4 | 1468.2 | 1469.1 |
| 180°   | 1465.6 | 1465.6 | 1465.6 | 1465.6 | 1465.6 | 1465.6 | 1465.6 | 1465.6 | 1465.6 | 1465.6 | 1465.6 |

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**CANDELA DISTRIBUTION (continued):**

|        | 295°  | 300°  | 305°  | 310°  | 315°  | 320°  | 325°  | 330°  | 335°  | 337.5° | 340°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
| 0°     | 525.3 | 525.3 | 525.3 | 525.3 | 525.3 | 525.3 | 525.3 | 525.3 | 525.3 | 525.3  | 525.3 |
| 2.5°   | 497.0 | 498.8 | 497.0 | 493.4 | 497.0 | 499.2 | 501.5 | 505.1 | 506.9 | 506.9  | 509.5 |
| 5°     | 468.6 | 472.2 | 470.9 | 470.0 | 473.6 | 475.8 | 479.4 | 483.9 | 488.9 | 492.0  | 495.6 |
| 7.5°   | 443.4 | 445.7 | 447.9 | 447.9 | 451.5 | 456.5 | 461.9 | 467.3 | 473.6 | 478.1  | 480.8 |
| 10°    | 421.4 | 423.2 | 424.5 | 426.3 | 431.7 | 437.1 | 444.3 | 451.1 | 456.5 | 461.4  | 465.9 |
| 12.5°  | 400.3 | 403.0 | 406.1 | 407.5 | 411.5 | 418.3 | 425.0 | 433.1 | 441.6 | 446.6  | 451.1 |
| 15°    | 380.0 | 381.4 | 385.0 | 389.0 | 392.6 | 399.8 | 408.4 | 416.9 | 424.1 | 431.7  | 435.8 |
| 17.5°  | 359.3 | 359.8 | 369.2 | 367.0 | 378.7 | 385.4 | 389.9 | 398.0 | 409.7 | 416.0  | 422.3 |
| 20°    | 339.1 | 343.6 | 347.6 | 349.9 | 356.2 | 363.8 | 376.9 | 383.2 | 392.6 | 398.5  | 403.9 |
| 22.5°  | 323.4 | 330.1 | 330.1 | 335.5 | 338.6 | 345.8 | 355.3 | 367.4 | 377.8 | 381.8  | 389.5 |
| 25°    | 309.4 | 312.6 | 318.0 | 319.8 | 325.6 | 331.9 | 338.2 | 351.2 | 362.5 | 367.9  | 373.3 |
| 27.5°  | 291.4 | 295.5 | 302.7 | 302.7 | 310.3 | 317.1 | 324.7 | 333.3 | 344.5 | 352.1  | 358.0 |
| 30°    | 277.5 | 281.5 | 284.7 | 289.6 | 292.8 | 299.1 | 312.6 | 318.9 | 328.8 | 335.5  | 342.7 |
| 32.5°  | 264.4 | 267.6 | 270.3 | 275.7 | 279.3 | 286.5 | 293.7 | 304.9 | 313.5 | 319.8  | 327.4 |
| 35°    | 250.1 | 253.2 | 256.8 | 260.8 | 266.2 | 273.0 | 279.7 | 289.2 | 297.7 | 303.6  | 309.9 |
| 37.5°  | 236.6 | 238.8 | 244.2 | 246.9 | 251.4 | 257.7 | 266.2 | 276.1 | 283.8 | 288.3  | 294.6 |
| 40°    | 223.5 | 225.3 | 229.4 | 234.3 | 237.5 | 242.4 | 251.4 | 259.9 | 269.4 | 274.8  | 279.7 |
| 42.5°  | 209.6 | 211.8 | 215.4 | 220.4 | 225.3 | 230.7 | 235.7 | 245.6 | 254.1 | 258.6  | 264.0 |
| 45°    | 197.4 | 198.8 | 201.5 | 206.4 | 211.4 | 215.4 | 223.1 | 232.1 | 240.2 | 243.8  | 249.6 |
| 47.5°  | 183.0 | 184.4 | 188.4 | 190.7 | 196.1 | 201.5 | 209.1 | 218.1 | 225.3 | 228.9  | 234.3 |
| 50°    | 168.2 | 169.5 | 172.2 | 177.2 | 180.8 | 186.6 | 193.4 | 201.0 | 210.0 | 215.0  | 218.1 |
| 52.5°  | 153.8 | 156.5 | 158.8 | 162.8 | 167.3 | 173.1 | 179.4 | 186.6 | 194.3 | 199.2  | 202.8 |
| 55°    | 139.4 | 141.7 | 144.4 | 146.6 | 152.0 | 157.4 | 164.6 | 171.3 | 178.1 | 182.6  | 186.6 |
| 57.5°  | 123.2 | 126.4 | 129.1 | 133.6 | 137.6 | 142.1 | 150.2 | 155.6 | 163.7 | 166.9  | 170.4 |
| 60°    | 109.3 | 112.4 | 114.7 | 118.3 | 121.9 | 127.7 | 133.1 | 139.9 | 146.6 | 150.7  | 155.2 |
| 62.5°  | 97.6  | 98.9  | 100.3 | 103.9 | 107.5 | 112.9 | 118.3 | 125.0 | 132.2 | 134.5  | 138.1 |
| 65°    | 85.9  | 87.2  | 89.5  | 92.6  | 95.3  | 98.5  | 104.3 | 109.7 | 116.5 | 120.1  | 121.4 |
| 67.5°  | 76.0  | 77.4  | 77.8  | 80.1  | 82.3  | 85.9  | 89.0  | 94.4  | 100.7 | 103.0  | 105.7 |
| 70°    | 64.8  | 67.0  | 67.5  | 69.3  | 70.2  | 72.4  | 76.0  | 80.1  | 85.0  | 89.0   | 91.3  |
| 72.5°  | 51.7  | 54.9  | 55.8  | 58.5  | 59.8  | 62.1  | 64.8  | 67.9  | 71.1  | 72.9   | 74.7  |
| 75°    | 42.3  | 43.2  | 43.6  | 45.9  | 48.1  | 51.3  | 52.6  | 54.4  | 57.1  | 59.4   | 61.2  |
| 77.5°  | 35.1  | 35.5  | 36.0  | 36.0  | 36.4  | 38.2  | 40.9  | 43.2  | 45.0  | 45.9   | 47.2  |
| 80°    | 28.3  | 27.9  | 27.9  | 28.3  | 28.3  | 28.3  | 29.2  | 32.4  | 33.3  | 35.5   | 35.1  |
| 82.5°  | 22.0  | 21.1  | 21.6  | 21.1  | 21.1  | 21.1  | 21.1  | 21.6  | 21.6  | 22.9   | 23.8  |
| 85°    | 14.4  | 14.8  | 14.4  | 14.4  | 13.9  | 14.4  | 13.9  | 13.9  | 13.5  | 13.5   | 13.0  |
| 87.5°  | 7.6   | 8.1   | 7.6   | 7.6   | 7.2   | 7.6   | 7.2   | 7.2   | 6.7   | 6.7    | 5.8   |
| 90°    | 31.7  | 30.7  | 29.6  | 28.6  | 27.6  | 24.3  | 21.0  | 17.7  | 14.4  | 12.7   | 11.4  |
| 92.5°  | 51.4  | 50.7  | 49.9  | 49.2  | 48.4  | 46.8  | 45.3  | 43.7  | 42.2  | 41.4   | 40.6  |
| 95°    | 89.3  | 88.3  | 87.2  | 86.2  | 85.2  | 83.2  | 81.1  | 79.1  | 77.0  | 76.0   | 75.1  |
| 97.5°  | 129.5 | 128.2 | 126.9 | 125.6 | 124.3 | 122.8 | 121.2 | 119.7 | 118.2 | 117.4  | 116.8 |
| 100°   | 172.3 | 171.5 | 170.8 | 170.0 | 169.2 | 167.9 | 166.7 | 165.4 | 164.1 | 163.5  | 162.7 |
| 102.5° | 223.0 | 222.2 | 221.5 | 220.7 | 219.9 | 218.1 | 216.3 | 214.5 | 212.7 | 211.8  | 211.4 |
| 105°   | 271.7 | 271.7 | 271.7 | 271.7 | 271.7 | 269.4 | 267.1 | 264.8 | 262.5 | 261.3  | 261.0 |
| 107.5° | 327.7 | 327.0 | 326.2 | 325.5 | 324.7 | 323.7 | 322.7 | 321.6 | 320.6 | 320.1  | 320.0 |
| 110°   | 382.9 | 381.9 | 380.8 | 379.8 | 378.8 | 378.3 | 377.8 | 377.3 | 376.8 | 376.5  | 376.2 |

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**CANDELA DISTRIBUTION (continued):**

|        | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   | 330°   | 335°   | 337.5° | 340°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 438.0  | 436.7  | 435.4  | 434.2  | 432.9  | 432.9  | 432.9  | 432.9  | 432.9  | 432.9  | 432.8  |
| 115°   | 491.5  | 491.2  | 491.0  | 490.7  | 490.5  | 491.0  | 491.5  | 492.0  | 492.5  | 492.8  | 492.4  |
| 117.5° | 546.9  | 546.9  | 546.9  | 546.9  | 546.9  | 547.4  | 547.9  | 548.4  | 548.9  | 549.2  | 549.1  |
| 120°   | 602.2  | 602.5  | 602.8  | 603.0  | 603.3  | 604.6  | 605.8  | 607.1  | 608.4  | 609.0  | 608.2  |
| 122.5° | 657.8  | 658.5  | 659.3  | 660.0  | 660.8  | 661.3  | 661.8  | 662.3  | 662.8  | 663.1  | 662.6  |
| 125°   | 713.2  | 714.2  | 715.3  | 716.3  | 717.3  | 717.8  | 718.3  | 718.8  | 719.3  | 719.6  | 719.2  |
| 127.5° | 767.6  | 769.1  | 770.6  | 772.2  | 773.7  | 774.2  | 774.7  | 775.2  | 775.7  | 776.0  | 775.2  |
| 130°   | 823.7  | 824.7  | 825.8  | 826.8  | 827.8  | 828.6  | 829.3  | 830.1  | 830.8  | 831.2  | 830.2  |
| 132.5° | 876.7  | 878.0  | 879.3  | 880.6  | 881.9  | 882.4  | 882.9  | 883.4  | 883.9  | 884.2  | 883.2  |
| 135°   | 930.7  | 931.8  | 932.8  | 933.9  | 934.9  | 935.1  | 935.4  | 935.6  | 935.9  | 936.0  | 935.2  |
| 137.5° | 982.7  | 984.0  | 985.3  | 986.5  | 987.8  | 987.0  | 986.3  | 985.5  | 984.8  | 984.4  | 983.8  |
| 140°   | 1036.3 | 1036.6 | 1036.8 | 1037.1 | 1037.3 | 1037.1 | 1036.8 | 1036.6 | 1036.3 | 1036.2 | 1035.6 |
| 142.5° | 1084.6 | 1084.9 | 1085.2 | 1085.4 | 1085.7 | 1085.2 | 1084.7 | 1084.2 | 1083.7 | 1083.4 | 1082.8 |
| 145°   | 1131.8 | 1132.1 | 1132.4 | 1132.6 | 1132.9 | 1132.1 | 1131.3 | 1130.6 | 1129.8 | 1129.4 | 1129.1 |
| 147.5° | 1177.8 | 1177.8 | 1177.8 | 1177.8 | 1177.8 | 1177.0 | 1176.2 | 1175.5 | 1174.7 | 1174.3 | 1173.8 |
| 150°   | 1219.2 | 1219.2 | 1219.2 | 1219.2 | 1219.2 | 1218.7 | 1218.2 | 1217.7 | 1217.2 | 1216.9 | 1216.6 |
| 152.5° | 1258.1 | 1257.6 | 1257.1 | 1256.6 | 1256.1 | 1255.8 | 1255.6 | 1255.3 | 1255.0 | 1254.9 | 1254.5 |
| 155°   | 1295.9 | 1294.9 | 1293.8 | 1292.8 | 1291.8 | 1291.5 | 1291.3 | 1291.0 | 1290.7 | 1290.6 | 1290.6 |
| 157.5° | 1328.1 | 1327.1 | 1326.0 | 1325.0 | 1324.0 | 1323.7 | 1323.5 | 1323.2 | 1322.9 | 1322.8 | 1322.9 |
| 160°   | 1357.9 | 1356.6 | 1355.3 | 1354.1 | 1352.8 | 1352.8 | 1352.8 | 1352.8 | 1352.8 | 1352.8 | 1353.1 |
| 162.5° | 1385.6 | 1384.3 | 1383.0 | 1381.7 | 1380.4 | 1380.1 | 1379.9 | 1379.6 | 1379.3 | 1379.2 | 1379.6 |
| 165°   | 1408.4 | 1406.9 | 1405.4 | 1403.8 | 1402.3 | 1402.3 | 1402.3 | 1402.3 | 1402.3 | 1402.3 | 1402.7 |
| 167.5° | 1428.0 | 1426.5 | 1424.9 | 1423.4 | 1421.8 | 1421.6 | 1421.3 | 1421.1 | 1420.8 | 1420.7 | 1421.2 |
| 170°   | 1444.0 | 1442.2 | 1440.4 | 1438.6 | 1436.8 | 1436.8 | 1436.8 | 1436.8 | 1436.8 | 1436.8 | 1437.3 |
| 172.5° | 1455.6 | 1454.1 | 1452.6 | 1451.0 | 1449.5 | 1449.5 | 1449.5 | 1449.5 | 1449.5 | 1449.5 | 1450.0 |
| 175°   | 1463.6 | 1462.1 | 1460.6 | 1459.0 | 1457.5 | 1457.5 | 1457.5 | 1457.5 | 1457.5 | 1457.5 | 1458.0 |
| 177.5° | 1468.3 | 1466.8 | 1465.2 | 1463.7 | 1462.1 | 1462.1 | 1462.1 | 1462.1 | 1462.1 | 1462.1 | 1462.6 |
| 180°   | 1465.6 | 1465.6 | 1465.6 | 1465.6 | 1465.6 | 1465.6 | 1465.6 | 1465.6 | 1465.6 | 1465.6 | 1465.6 |

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**CANDELA DISTRIBUTION (continued):**

|        | 345°  | 350°  | 355°  | 360°  |
|--------|-------|-------|-------|-------|
| 0°     | 525.3 | 525.3 | 525.3 | 525.3 |
| 2.5°   | 511.8 | 514.9 | 521.2 | 526.6 |
| 5°     | 501.0 | 506.0 | 515.4 | 524.8 |
| 7.5°   | 488.0 | 495.6 | 507.7 | 520.8 |
| 10°    | 475.4 | 485.3 | 500.1 | 515.4 |
| 12.5°  | 462.8 | 473.1 | 488.9 | 508.6 |
| 15°    | 447.9 | 458.7 | 477.6 | 501.5 |
| 17.5°  | 434.9 | 449.3 | 466.4 | 490.2 |
| 20°    | 421.0 | 431.7 | 453.8 | 479.0 |
| 22.5°  | 403.4 | 421.4 | 442.1 | 468.6 |
| 25°    | 389.5 | 405.2 | 425.9 | 456.0 |
| 27.5°  | 372.4 | 390.8 | 416.0 | 442.5 |
| 30°    | 358.4 | 373.7 | 397.1 | 429.0 |
| 32.5°  | 342.2 | 360.2 | 384.5 | 416.0 |
| 35°    | 327.9 | 343.1 | 366.1 | 398.0 |
| 37.5°  | 310.8 | 327.4 | 353.0 | 381.4 |
| 40°    | 295.9 | 312.1 | 336.4 | 362.9 |
| 42.5°  | 277.9 | 295.0 | 319.3 | 341.8 |
| 45°    | 263.5 | 279.3 | 298.6 | 319.3 |
| 47.5°  | 246.0 | 262.6 | 281.5 | 295.9 |
| 50°    | 230.3 | 245.6 | 260.4 | 272.5 |
| 52.5°  | 213.2 | 227.1 | 240.6 | 249.6 |
| 55°    | 197.4 | 208.2 | 219.0 | 225.3 |
| 57.5°  | 179.0 | 189.3 | 198.3 | 201.9 |
| 60°    | 162.8 | 171.3 | 177.2 | 181.2 |
| 62.5°  | 145.7 | 152.0 | 156.5 | 158.8 |
| 65°    | 129.1 | 133.6 | 135.8 | 138.1 |
| 67.5°  | 112.0 | 116.0 | 117.4 | 120.1 |
| 70°    | 94.0  | 98.5  | 99.4  | 100.7 |
| 72.5°  | 80.5  | 80.5  | 82.3  | 84.1  |
| 75°    | 64.3  | 65.2  | 66.1  | 66.1  |
| 77.5°  | 50.4  | 50.4  | 51.3  | 51.7  |
| 80°    | 36.9  | 37.3  | 37.3  | 36.9  |
| 82.5°  | 25.2  | 26.1  | 25.2  | 24.7  |
| 85°    | 13.9  | 15.7  | 14.8  | 14.8  |
| 87.5°  | 5.8   | 5.8   | 6.7   | 5.8   |
| 90°    | 8.9   | 6.3   | 3.8   | 1.2   |
| 92.5°  | 39.1  | 37.6  | 36.0  | 34.5  |
| 95°    | 73.3  | 71.5  | 69.7  | 67.9  |
| 97.5°  | 115.5 | 114.2 | 113.0 | 111.7 |
| 100°   | 161.2 | 159.7 | 158.1 | 156.6 |
| 102.5° | 210.7 | 209.9 | 209.2 | 208.4 |
| 105°   | 260.5 | 260.0 | 259.5 | 259.0 |
| 107.5° | 319.7 | 319.4 | 319.2 | 318.9 |
| 110°   | 375.7 | 375.2 | 374.7 | 374.2 |

TEST NUMBER: P1012437

CATALOG NUMBER: S123RDIP-B340D1195UB27-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (continued):**

|        | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|
| 112.5° | 432.5  | 432.2  | 432.0  | 431.7  |
| 115°   | 491.6  | 490.9  | 490.1  | 489.3  |
| 117.5° | 548.8  | 548.5  | 548.3  | 548.0  |
| 120°   | 606.7  | 605.2  | 603.6  | 602.1  |
| 122.5° | 661.6  | 660.5  | 659.5  | 658.5  |
| 125°   | 718.4  | 717.7  | 716.9  | 716.1  |
| 127.5° | 773.7  | 772.2  | 770.6  | 769.1  |
| 130°   | 828.1  | 826.1  | 824.0  | 822.0  |
| 132.5° | 881.1  | 879.1  | 877.0  | 875.0  |
| 135°   | 933.7  | 932.2  | 930.6  | 929.1  |
| 137.5° | 982.5  | 981.2  | 979.9  | 978.6  |
| 140°   | 1034.3 | 1033.0 | 1031.7 | 1030.4 |
| 142.5° | 1081.5 | 1080.2 | 1078.9 | 1077.6 |
| 145°   | 1128.6 | 1128.1 | 1127.6 | 1127.1 |
| 147.5° | 1172.8 | 1171.7 | 1170.7 | 1169.7 |
| 150°   | 1216.1 | 1215.6 | 1215.1 | 1214.6 |
| 152.5° | 1253.8 | 1253.0 | 1252.3 | 1251.5 |
| 155°   | 1290.6 | 1290.6 | 1290.6 | 1290.6 |
| 157.5° | 1323.2 | 1323.5 | 1323.7 | 1324.0 |
| 160°   | 1353.6 | 1354.1 | 1354.6 | 1355.1 |
| 162.5° | 1380.4 | 1381.1 | 1381.9 | 1382.7 |
| 165°   | 1403.4 | 1404.2 | 1404.9 | 1405.7 |
| 167.5° | 1422.2 | 1423.3 | 1424.3 | 1425.3 |
| 170°   | 1438.3 | 1439.4 | 1440.4 | 1441.4 |
| 172.5° | 1451.0 | 1452.1 | 1453.1 | 1454.1 |
| 175°   | 1459.0 | 1460.1 | 1461.1 | 1462.1 |
| 177.5° | 1463.6 | 1464.7 | 1465.7 | 1466.7 |
| 180°   | 1465.6 | 1465.6 | 1465.6 | 1465.6 |

(END OF REPORT)