

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: P999615

Luminaire Tested: SA2XXRDIP-B290D725UB40-4F0-XX-W2A-A4

Issue Date: 5/6/2025

**Test Information**

Test Method: LM-79-2019  
Report Number: P999615  
REPORT IS A COMBINATION OF REPORTS P988168 AND P1007351  
Test Lab: INNOVATION CENTER  
Issue Date: 5/6/2025  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: NEO-RAY  
Catalog Number: SA2XXRDIP-B290D725UB40-4F0-XX-W2A-A4  
Description: Define 2 Regressed Direct/Indirect Pendant with 4000K BioUP LEDs {m-DER=0.865}  
{m-EER=0.951}  
Light Source: -  
Ballast/Driver: -

**Summary**

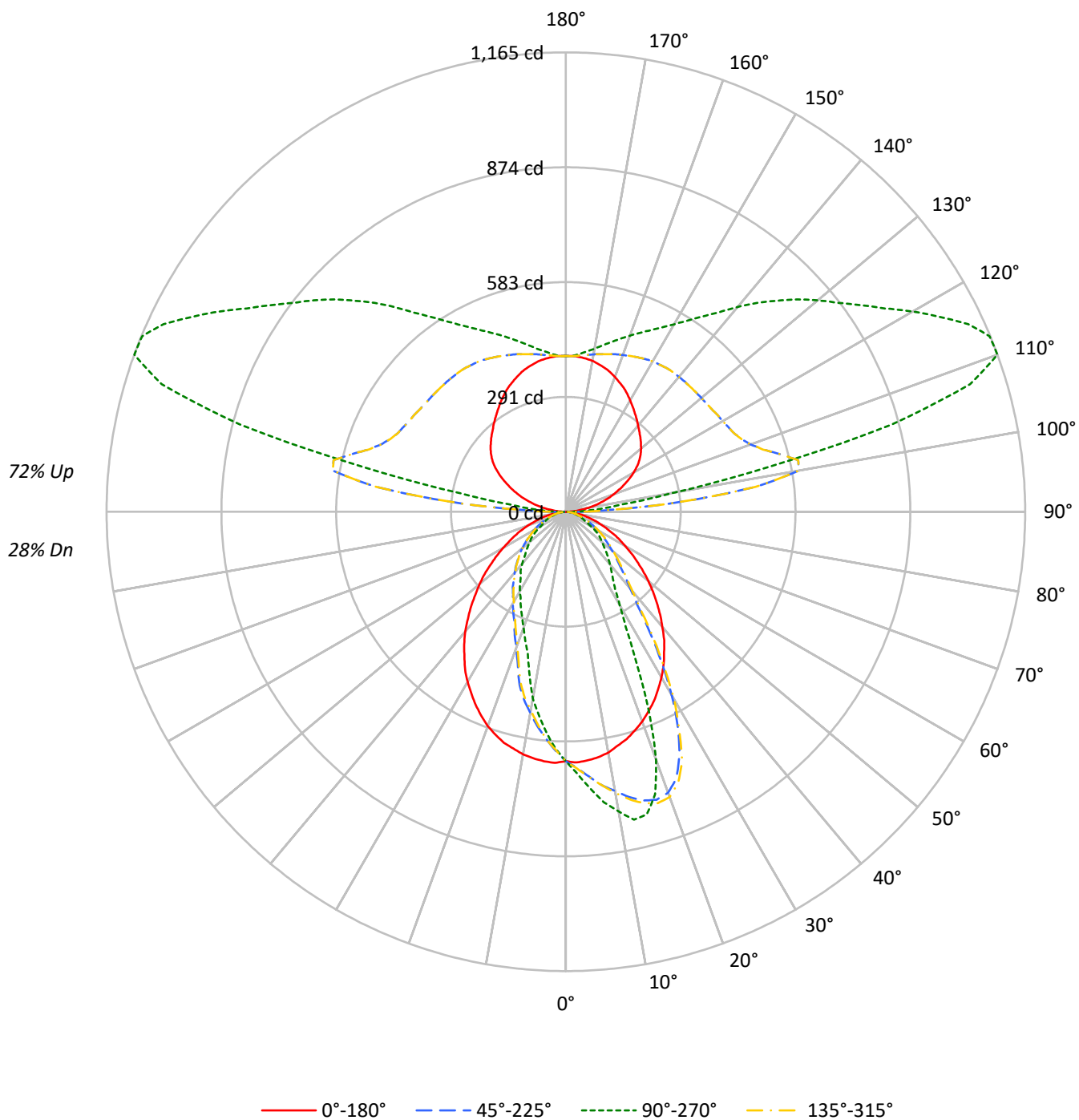
Lumens per Lamp: N/A  
Luminaire Lumens: 3845.0 lumens  
Efficiency: N/A  
Efficacy: 112.8 lumens/watt  
Spacing Criteria (0/90/45): 1.16 / 0.85 / 1.01  
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 4' x H: 0.1')  
CIE Type: Semi-Indirect

Input Watts (W): 34.1  
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: P999615

CATALOG NUMBER: SA2XXRDIP-B290D725UB40-4F0-XX-W2A-A4

### Luminous Intensity Polar Plot



TEST NUMBER: P999615

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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   | 102 | 102 | 102 | 102 | 91 | 91 | 91 | 91 | 71 | 71 | 71 | 53 | 53 | 53 | 36 | 36 | 36 |
| 1   | 93  | 89  | 86  | 83  | 84 | 80 | 77 | 75 | 63 | 61 | 59 | 47 | 46 | 45 | 33 | 32 | 31 |
| 2   | 85  | 79  | 73  | 68  | 76 | 71 | 66 | 62 | 56 | 53 | 50 | 42 | 40 | 38 | 29 | 28 | 27 |
| 3   | 78  | 69  | 63  | 57  | 70 | 63 | 57 | 52 | 50 | 46 | 42 | 38 | 35 | 33 | 26 | 25 | 24 |
| 4   | 72  | 62  | 54  | 49  | 64 | 56 | 49 | 45 | 44 | 40 | 36 | 34 | 31 | 29 | 24 | 22 | 21 |
| 5   | 66  | 55  | 48  | 42  | 59 | 50 | 43 | 38 | 40 | 35 | 32 | 31 | 27 | 25 | 22 | 20 | 18 |
| 6   | 61  | 49  | 42  | 36  | 54 | 45 | 38 | 34 | 36 | 31 | 28 | 28 | 25 | 22 | 20 | 18 | 17 |
| 7   | 56  | 45  | 37  | 32  | 50 | 41 | 34 | 30 | 33 | 28 | 25 | 25 | 22 | 20 | 18 | 16 | 15 |
| 8   | 52  | 41  | 33  | 28  | 47 | 37 | 31 | 26 | 30 | 25 | 22 | 23 | 20 | 18 | 17 | 15 | 13 |
| 9   | 49  | 37  | 30  | 25  | 44 | 34 | 28 | 23 | 27 | 23 | 20 | 21 | 18 | 16 | 16 | 14 | 12 |
| 10  | 45  | 34  | 27  | 23  | 41 | 31 | 25 | 21 | 25 | 21 | 18 | 20 | 17 | 14 | 15 | 13 | 11 |

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

|     | 0°    | 90°   | 180°  | 270°  |
|-----|-------|-------|-------|-------|
| 0°  | 10012 | 10012 | 10012 | 10012 |
| 5°  | 10035 | 10634 | 10070 | 8496  |
| 10° | 9925  | 11240 | 9995  | 7015  |
| 15° | 9709  | 11243 | 9873  | 5270  |
| 20° | 9450  | 9293  | 9655  | 4348  |
| 25° | 9136  | 5807  | 9333  | 3699  |
| 30° | 8735  | 3718  | 8973  | 3185  |
| 35° | 8248  | 2858  | 8514  | 2725  |
| 40° | 7703  | 2402  | 8033  | 2384  |
| 45° | 7122  | 2044  | 7421  | 2001  |
| 50° | 6526  | 1737  | 6832  | 1731  |
| 55° | 5867  | 1510  | 6185  | 1489  |
| 60° | 5283  | 1151  | 5562  | 1137  |
| 65° | 4735  | 866   | 5016  | 982   |
| 70° | 4131  | 692   | 4452  | 801   |
| 75° | 3491  | 530   | 3810  | 605   |
| 80° | 2770  | 359   | 2986  | 397   |
| 85° | 1921  | 186   | 2105  | 198   |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 165°

Vertical Angle: 45°

Luminance: 9159 cd/sqm

TEST NUMBER: P999615

CATALOG NUMBER: SA2XXRDIP-B290D725UB40-4F0-XX-W2A-A4

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 60.0   | 1.6       |
| 10°-20°   | 167.5  | 4.4       |
| 20°-30°   | 215.5  | 5.6       |
| 30°-40°   | 204.5  | 5.3       |
| 40°-50°   | 175.2  | 4.6       |
| 50°-60°   | 133.4  | 3.5       |
| 60°-70°   | 84.2   | 2.2       |
| 70°-80°   | 42.0   | 1.1       |
| 80°-90°   | 13.3   | 0.3       |
| 90°-100°  | 153.9  | 4.0       |
| 100°-110° | 542.0  | 14.1      |
| 110°-120° | 569.2  | 14.8      |
| 120°-130° | 468.3  | 12.2      |
| 130°-140° | 376.2  | 9.8       |
| 140°-150° | 284.2  | 7.4       |
| 150°-160° | 199.8  | 5.2       |
| 160°-170° | 117.6  | 3.1       |
| 170°-180° | 38.3   | 1.0       |
| 0°-30°    | 443.0  | 11.5      |
| 0°-40°    | 647.4  | 16.8      |
| 0°-60°    | 956.1  | 24.9      |
| 0°-90°    | 1095.5 | 28.5      |
| 90°-120°  | 1265.1 | 32.9      |
| 90°-150°  | 2393.8 | 62.3      |
| 90°-180°  | 2749.0 | 71.5      |
| 0°-180°   | 3845.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°  | 90°  | 180° | 270° | 360° | Flux |
|------|-----|------|------|------|------|------|
| 0°   | 632 | 632  | 632  | 632  | 632  |      |
| 5°   | 633 | 704  | 635  | 562  | 633  | 60   |
| 15°  | 596 | 794  | 606  | 372  | 596  | 168  |
| 25°  | 529 | 424  | 541  | 270  | 529  | 243  |
| 35°  | 434 | 209  | 448  | 199  | 434  | 272  |
| 45°  | 326 | 145  | 340  | 142  | 326  | 252  |
| 55°  | 220 | 101  | 232  | 99   | 220  | 198  |
| 65°  | 133 | 52   | 141  | 59   | 133  | 132  |
| 75°  | 62  | 28   | 68   | 32   | 62   | 68   |
| 85°  | 14  | 8    | 15   | 8    | 14   | 15   |
| 90°  | 1   | 25   | 1    | 25   | 1    | 3    |
| 95°  | 27  | 87   | 27   | 87   | 27   | 27   |
| 105° | 93  | 856  | 93   | 856  | 93   | 98   |
| 115° | 163 | 1126 | 163  | 1126 | 163  | 162  |
| 125° | 228 | 913  | 228  | 913  | 228  | 202  |
| 135° | 267 | 757  | 267  | 757  | 267  | 206  |
| 145° | 305 | 604  | 305  | 604  | 305  | 191  |
| 155° | 347 | 508  | 347  | 508  | 347  | 160  |
| 165° | 378 | 446  | 378  | 446  | 378  | 107  |
| 175° | 394 | 402  | 394  | 402  | 394  | 37   |
| 180° | 395 | 395  | 395  | 395  | 395  |      |

TEST NUMBER: P999615

CATALOG NUMBER: SA2XXRDIP-B290D725UB40-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (FULL):**

|        | 0°    | 5°    | 10°   | 15°   | 20°   | 22.5° | 25°   | 30°   | 35°   | 40°   | 45°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 632.5 | 632.5 | 632.5 | 632.5 | 632.5 | 632.5 | 632.5 | 632.5 | 632.5 | 632.5 | 632.5 |
| 2.5°   | 636.4 | 639.1 | 640.4 | 642.1 | 646.1 | 648.7 | 652.7 | 653.6 | 653.1 | 654.9 | 650.1 |
| 5°     | 632.9 | 638.6 | 643.9 | 648.3 | 655.3 | 659.7 | 664.6 | 670.3 | 671.6 | 678.2 | 674.2 |
| 7.5°   | 628.1 | 636.4 | 643.9 | 652.7 | 663.2 | 669.0 | 676.4 | 685.2 | 689.2 | 697.1 | 699.3 |
| 10°    | 620.2 | 632.0 | 644.8 | 654.0 | 668.5 | 678.6 | 685.7 | 699.7 | 709.0 | 720.8 | 719.1 |
| 12.5°  | 607.4 | 622.8 | 639.9 | 655.3 | 674.2 | 680.8 | 694.0 | 708.5 | 720.4 | 731.4 | 741.0 |
| 15°    | 596.4 | 614.0 | 632.9 | 651.8 | 673.4 | 685.7 | 698.8 | 717.7 | 730.5 | 749.8 | 758.2 |
| 17.5°  | 581.5 | 603.9 | 626.3 | 647.4 | 672.9 | 687.0 | 703.2 | 721.7 | 740.6 | 759.1 | 765.7 |
| 20°    | 566.1 | 590.3 | 614.5 | 643.0 | 672.0 | 685.7 | 702.4 | 725.2 | 743.7 | 758.2 | 758.2 |
| 22.5°  | 547.6 | 577.1 | 604.8 | 632.0 | 663.7 | 683.5 | 700.6 | 727.4 | 740.6 | 743.7 | 731.8 |
| 25°    | 529.2 | 558.6 | 589.0 | 622.8 | 658.8 | 676.4 | 695.8 | 720.8 | 725.2 | 712.9 | 682.1 |
| 27.5°  | 507.2 | 540.2 | 574.5 | 610.9 | 648.7 | 670.7 | 688.3 | 705.0 | 696.6 | 663.7 | 615.8 |
| 30°    | 484.8 | 520.4 | 559.1 | 593.8 | 639.5 | 659.7 | 674.7 | 679.5 | 653.1 | 599.5 | 537.5 |
| 32.5°  | 461.5 | 496.2 | 537.1 | 578.9 | 625.0 | 644.3 | 654.0 | 641.3 | 592.9 | 525.2 | 449.6 |
| 35°    | 434.3 | 473.4 | 516.0 | 559.5 | 605.2 | 619.7 | 625.4 | 594.2 | 532.3 | 444.8 | 369.6 |
| 37.5°  | 409.6 | 448.8 | 494.5 | 538.9 | 583.3 | 591.2 | 585.4 | 536.7 | 458.0 | 371.4 | 298.0 |
| 40°    | 380.6 | 422.4 | 467.2 | 516.9 | 553.4 | 555.6 | 541.5 | 478.2 | 380.6 | 299.3 | 254.0 |
| 42.5°  | 353.8 | 396.0 | 440.8 | 491.4 | 519.1 | 511.6 | 492.7 | 409.6 | 317.8 | 258.0 | 221.5 |
| 45°    | 326.1 | 366.1 | 414.5 | 459.3 | 479.1 | 461.5 | 432.9 | 344.6 | 266.8 | 222.0 | 193.8 |
| 47.5°  | 299.3 | 336.7 | 384.6 | 427.7 | 431.2 | 411.4 | 377.6 | 288.8 | 231.2 | 195.1 | 172.3 |
| 50°    | 272.9 | 310.3 | 355.1 | 390.7 | 387.2 | 360.0 | 321.7 | 251.0 | 200.9 | 172.3 | 153.4 |
| 52.5°  | 246.6 | 280.4 | 323.9 | 352.1 | 337.1 | 310.7 | 272.9 | 212.7 | 175.4 | 150.3 | 135.8 |
| 55°    | 220.2 | 251.8 | 289.2 | 312.5 | 288.8 | 258.4 | 231.6 | 182.4 | 152.1 | 131.9 | 120.9 |
| 57.5°  | 198.2 | 223.3 | 257.6 | 271.6 | 243.1 | 219.3 | 196.0 | 156.9 | 131.9 | 117.4 | 104.6 |
| 60°    | 174.1 | 196.9 | 225.0 | 233.4 | 203.9 | 184.6 | 164.8 | 132.7 | 113.0 | 100.2 | 91.9  |
| 62.5°  | 153.4 | 172.3 | 193.8 | 193.8 | 167.9 | 153.4 | 138.5 | 111.2 | 94.9  | 84.8  | 80.9  |
| 65°    | 133.2 | 146.8 | 162.2 | 160.4 | 138.5 | 125.7 | 113.8 | 91.9  | 79.6  | 72.5  | 68.6  |
| 67.5°  | 113.4 | 123.9 | 134.1 | 127.9 | 112.1 | 101.1 | 90.1  | 74.3  | 65.9  | 61.1  | 55.8  |
| 70°    | 95.4  | 103.7 | 109.0 | 103.3 | 87.5  | 78.2  | 70.3  | 59.8  | 53.2  | 47.0  | 44.0  |
| 72.5°  | 80.0  | 83.5  | 85.3  | 78.2  | 65.0  | 59.8  | 54.1  | 46.6  | 40.9  | 37.8  | 36.9  |
| 75°    | 62.4  | 65.5  | 64.2  | 58.9  | 47.9  | 44.0  | 39.6  | 34.3  | 33.0  | 31.2  | 30.3  |
| 77.5°  | 48.8  | 48.8  | 46.6  | 41.8  | 34.3  | 31.2  | 29.4  | 26.8  | 25.5  | 25.1  | 24.2  |
| 80°    | 34.7  | 34.3  | 33.0  | 27.7  | 23.3  | 21.5  | 21.5  | 19.8  | 19.3  | 18.5  | 18.5  |
| 82.5°  | 22.9  | 22.9  | 21.1  | 16.7  | 15.4  | 14.9  | 14.5  | 13.6  | 13.6  | 13.2  | 13.2  |
| 85°    | 13.6  | 12.7  | 10.5  | 9.2   | 8.8   | 8.8   | 8.4   | 7.9   | 8.4   | 7.9   | 7.9   |
| 87.5°  | 6.2   | 4.8   | 3.5   | 3.5   | 3.5   | 3.5   | 3.5   | 3.5   | 3.5   | 3.5   | 3.5   |
| 90°    | 0.8   | 3.0   | 6.1   | 7.6   | 9.1   | 10.2  | 11.4  | 15.2  | 20.5  | 25.1  | 25.8  |
| 92.5°  | 11.4  | 15.9  | 22.0  | 25.8  | 31.9  | 36.0  | 40.2  | 60.7  | 89.6  | 115.4 | 116.9 |
| 95°    | 26.6  | 29.6  | 37.2  | 44.0  | 56.2  | 65.3  | 74.4  | 109.3 | 175.4 | 263.5 | 297.6 |
| 97.5°  | 39.5  | 44.0  | 52.4  | 62.3  | 75.9  | 86.2  | 96.4  | 141.2 | 233.1 | 375.1 | 485.2 |
| 100°   | 58.5  | 60.7  | 67.6  | 79.7  | 94.9  | 105.6 | 116.2 | 156.4 | 249.0 | 413.0 | 599.8 |
| 102.5° | 75.9  | 77.4  | 84.3  | 96.4  | 112.4 | 123.0 | 133.6 | 170.1 | 249.8 | 398.6 | 603.6 |
| 105°   | 92.6  | 95.7  | 101.0 | 112.4 | 129.1 | 139.7 | 150.3 | 186.0 | 253.6 | 378.9 | 562.6 |
| 107.5° | 110.9 | 113.1 | 118.4 | 129.1 | 145.8 | 156.4 | 167.0 | 202.0 | 261.9 | 368.2 | 524.6 |
| 110°   | 129.1 | 132.1 | 136.7 | 146.5 | 162.5 | 173.5 | 184.5 | 217.9 | 272.6 | 365.2 | 498.8 |

TEST NUMBER: P999615

CATALOG NUMBER: SA2XXRDIP-B290D725UB40-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 0°    | 5°    | 10°   | 15°   | 20°   | 22.5° | 25°   | 30°   | 35°   | 40°   | 45°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 145.8 | 148.8 | 154.1 | 163.2 | 178.4 | 189.8 | 201.2 | 233.1 | 284.0 | 366.0 | 482.1 |
| 115°   | 163.2 | 167.0 | 171.6 | 180.7 | 195.9 | 206.2 | 216.4 | 249.0 | 295.3 | 369.0 | 470.7 |
| 117.5° | 181.5 | 184.5 | 189.1 | 197.4 | 211.8 | 222.4 | 233.1 | 263.5 | 307.5 | 373.6 | 464.7 |
| 120°   | 198.2 | 201.2 | 205.8 | 212.6 | 227.8 | 238.4 | 249.0 | 278.6 | 319.6 | 378.1 | 459.3 |
| 122.5° | 214.1 | 216.4 | 220.9 | 228.5 | 243.7 | 254.7 | 265.7 | 293.1 | 330.3 | 383.4 | 456.3 |
| 125°   | 227.8 | 230.1 | 234.6 | 243.7 | 258.9 | 269.5 | 280.2 | 307.5 | 341.7 | 388.7 | 452.5 |
| 127.5° | 239.2 | 242.2 | 248.3 | 258.1 | 272.6 | 283.6 | 294.6 | 321.2 | 352.3 | 394.1 | 450.2 |
| 130°   | 249.0 | 252.1 | 259.7 | 270.3 | 285.5 | 296.1 | 306.7 | 333.3 | 362.2 | 400.1 | 448.7 |
| 132.5° | 258.1 | 261.9 | 270.3 | 281.7 | 297.6 | 308.2 | 318.9 | 343.9 | 372.0 | 406.2 | 448.0 |
| 135°   | 267.3 | 270.3 | 279.4 | 290.8 | 308.3 | 318.9 | 329.5 | 353.8 | 380.4 | 410.8 | 447.2 |
| 137.5° | 275.6 | 279.4 | 288.5 | 300.7 | 318.1 | 328.0 | 337.9 | 362.2 | 387.2 | 415.3 | 447.2 |
| 140°   | 285.5 | 288.5 | 297.6 | 309.8 | 326.5 | 336.4 | 346.2 | 369.0 | 392.5 | 418.3 | 446.4 |
| 142.5° | 295.3 | 297.6 | 306.0 | 318.1 | 334.1 | 343.2 | 352.3 | 374.3 | 397.1 | 420.6 | 446.4 |
| 145°   | 305.2 | 308.3 | 315.8 | 327.2 | 342.4 | 350.8 | 359.1 | 379.6 | 400.9 | 422.1 | 444.9 |
| 147.5° | 315.8 | 318.1 | 325.7 | 336.3 | 349.3 | 356.8 | 364.4 | 384.2 | 403.2 | 422.9 | 442.6 |
| 150°   | 326.5 | 328.8 | 334.8 | 344.7 | 356.1 | 363.0 | 369.8 | 387.2 | 404.7 | 422.1 | 440.4 |
| 152.5° | 337.1 | 337.9 | 343.9 | 352.3 | 362.9 | 369.0 | 375.1 | 390.3 | 405.4 | 420.6 | 436.6 |
| 155°   | 347.0 | 347.7 | 352.3 | 360.6 | 369.0 | 374.7 | 380.4 | 393.3 | 406.2 | 419.1 | 432.0 |
| 157.5° | 355.3 | 356.1 | 359.9 | 367.5 | 374.3 | 379.2 | 384.2 | 395.6 | 406.2 | 416.1 | 427.5 |
| 160°   | 363.7 | 364.4 | 367.5 | 373.6 | 379.6 | 383.8 | 388.0 | 397.1 | 406.2 | 413.8 | 422.9 |
| 162.5° | 372.0 | 371.3 | 374.3 | 378.9 | 384.2 | 387.2 | 390.3 | 397.8 | 405.4 | 411.5 | 419.1 |
| 165°   | 378.1 | 377.3 | 378.9 | 383.4 | 387.2 | 389.5 | 391.8 | 398.6 | 403.9 | 408.5 | 413.8 |
| 167.5° | 383.4 | 382.7 | 384.2 | 387.2 | 390.3 | 391.8 | 393.3 | 398.6 | 403.2 | 405.4 | 409.2 |
| 170°   | 388.7 | 387.2 | 388.0 | 390.3 | 391.8 | 393.0 | 394.1 | 397.8 | 401.6 | 403.2 | 405.4 |
| 172.5° | 391.8 | 391.0 | 390.3 | 392.5 | 393.3 | 394.0 | 394.8 | 397.1 | 399.4 | 400.1 | 400.9 |
| 175°   | 394.1 | 393.3 | 392.5 | 394.1 | 394.1 | 394.5 | 394.8 | 396.3 | 397.8 | 397.1 | 397.8 |
| 177.5° | 395.6 | 394.1 | 393.3 | 394.8 | 394.8 | 394.8 | 394.8 | 395.6 | 397.1 | 395.6 | 394.8 |
| 180°   | 394.8 | 394.8 | 394.8 | 394.8 | 394.8 | 394.8 | 394.8 | 394.8 | 394.8 | 394.8 | 394.8 |

TEST NUMBER: P999615

CATALOG NUMBER: SA2XXRDIP-B290D725UB40-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 50°   | 55°   | 60°    | 65°    | 67.5°  | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    |
|--------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 632.5 | 632.5 | 632.5  | 632.5  | 632.5  | 632.5  | 632.5  | 632.5  | 632.5  | 632.5  | 632.5  |
| 2.5°   | 654.9 | 655.8 | 657.1  | 663.2  | 664.1  | 665.9  | 665.0  | 665.0  | 665.4  | 664.6  | 665.0  |
| 5°     | 683.0 | 684.3 | 690.9  | 698.4  | 700.2  | 698.4  | 700.6  | 703.7  | 703.7  | 703.7  | 702.8  |
| 7.5°   | 709.4 | 714.2 | 721.7  | 732.7  | 734.9  | 737.1  | 741.0  | 738.4  | 739.3  | 743.2  | 741.9  |
| 10°    | 734.9 | 741.9 | 750.3  | 759.5  | 764.3  | 767.4  | 769.2  | 773.1  | 782.4  | 771.8  | 775.8  |
| 12.5°  | 759.1 | 769.2 | 778.0  | 788.1  | 791.6  | 795.5  | 796.9  | 800.4  | 800.4  | 799.9  | 803.0  |
| 15°    | 774.9 | 784.1 | 792.0  | 798.6  | 799.5  | 798.6  | 797.7  | 798.2  | 799.5  | 794.2  | 797.3  |
| 17.5°  | 778.4 | 779.3 | 781.9  | 779.3  | 779.7  | 770.5  | 765.2  | 763.9  | 751.6  | 752.0  | 762.1  |
| 20°    | 761.3 | 746.3 | 742.4  | 727.9  | 719.1  | 695.3  | 694.5  | 687.9  | 661.9  | 669.8  | 668.1  |
| 22.5°  | 714.2 | 688.7 | 654.9  | 638.2  | 629.8  | 604.8  | 585.4  | 571.8  | 562.6  | 553.4  | 549.4  |
| 25°    | 652.3 | 610.9 | 563.0  | 530.1  | 525.2  | 501.9  | 466.3  | 449.6  | 429.9  | 423.7  | 434.3  |
| 27.5°  | 572.3 | 518.6 | 464.6  | 414.0  | 404.8  | 383.7  | 365.7  | 353.8  | 331.0  | 329.6  | 330.5  |
| 30°    | 463.7 | 409.6 | 364.4  | 331.4  | 308.5  | 298.9  | 287.0  | 278.2  | 269.0  | 272.5  | 273.4  |
| 32.5°  | 381.1 | 329.6 | 287.4  | 269.9  | 259.3  | 253.2  | 243.1  | 237.3  | 233.4  | 232.1  | 231.6  |
| 35°    | 302.8 | 268.6 | 249.7  | 232.5  | 226.4  | 222.0  | 214.5  | 211.9  | 208.3  | 208.8  | 208.8  |
| 37.5°  | 259.3 | 230.8 | 216.7  | 207.9  | 202.2  | 200.0  | 195.1  | 192.5  | 190.3  | 189.4  | 190.8  |
| 40°    | 223.7 | 203.9 | 195.1  | 187.2  | 182.4  | 181.5  | 178.9  | 175.8  | 173.2  | 173.6  | 174.9  |
| 42.5°  | 197.8 | 186.4 | 175.8  | 169.7  | 166.1  | 164.8  | 162.6  | 160.4  | 160.4  | 159.1  | 158.7  |
| 45°    | 177.1 | 167.9 | 159.1  | 153.4  | 151.2  | 149.4  | 146.8  | 146.4  | 144.6  | 145.0  | 145.5  |
| 47.5°  | 158.7 | 151.2 | 144.6  | 138.9  | 136.7  | 136.3  | 133.6  | 131.9  | 131.9  | 131.4  | 131.0  |
| 50°    | 142.0 | 134.5 | 128.8  | 125.7  | 122.6  | 121.7  | 121.3  | 120.9  | 120.0  | 120.0  | 120.4  |
| 52.5°  | 128.3 | 120.9 | 116.5  | 113.8  | 112.1  | 111.2  | 111.2  | 110.8  | 110.8  | 110.8  | 110.3  |
| 55°    | 113.4 | 107.2 | 103.7  | 102.8  | 102.0  | 101.5  | 101.1  | 100.2  | 99.8   | 100.7  | 99.8   |
| 57.5°  | 99.3  | 97.1  | 94.1   | 93.2   | 91.0   | 91.0   | 89.7   | 88.8   | 87.9   | 88.8   | 88.8   |
| 60°    | 88.3  | 85.3  | 83.5   | 80.9   | 79.1   | 77.4   | 75.2   | 74.7   | 73.8   | 73.4   | 73.0   |
| 62.5°  | 76.9  | 74.3  | 69.9   | 65.9   | 63.3   | 61.5   | 60.7   | 60.2   | 60.2   | 59.8   | 59.8   |
| 65°    | 64.2  | 58.0  | 55.8   | 54.5   | 54.1   | 53.6   | 52.7   | 52.3   | 52.7   | 52.3   | 52.7   |
| 67.5°  | 50.1  | 49.2  | 47.9   | 47.0   | 46.6   | 46.2   | 46.2   | 45.7   | 45.7   | 45.7   | 45.7   |
| 70°    | 43.5  | 41.3  | 40.9   | 40.0   | 40.0   | 39.6   | 39.6   | 39.6   | 39.6   | 39.1   | 40.0   |
| 72.5°  | 36.0  | 34.7  | 34.3   | 33.8   | 33.8   | 33.8   | 33.4   | 33.4   | 33.4   | 33.0   | 33.4   |
| 75°    | 29.4  | 29.0  | 28.1   | 28.1   | 27.7   | 28.1   | 27.7   | 27.7   | 27.3   | 27.7   | 27.7   |
| 77.5°  | 23.7  | 23.3  | 22.9   | 22.9   | 22.4   | 22.4   | 22.4   | 22.4   | 22.4   | 22.4   | 22.9   |
| 80°    | 18.0  | 17.6  | 17.1   | 17.6   | 17.1   | 17.6   | 17.1   | 17.1   | 17.6   | 17.1   | 17.1   |
| 82.5°  | 13.2  | 12.7  | 12.7   | 12.3   | 12.3   | 12.3   | 12.3   | 12.3   | 12.3   | 12.3   | 12.3   |
| 85°    | 7.9   | 7.5   | 7.5    | 7.9    | 7.5    | 7.9    | 7.5    | 7.5    | 7.5    | 7.9    | 7.9    |
| 87.5°  | 3.5   | 4.0   | 3.5    | 3.5    | 3.5    | 3.5    | 3.5    | 3.5    | 3.5    | 3.5    | 4.0    |
| 90°    | 25.1  | 24.3  | 22.8   | 24.3   | 24.7   | 25.1   | 25.1   | 25.1   | 25.1   | 25.1   | 25.1   |
| 92.5°  | 97.9  | 76.7  | 65.3   | 56.9   | 53.9   | 50.9   | 50.1   | 47.1   | 47.8   | 46.3   | 47.8   |
| 95°    | 260.4 | 198.9 | 152.6  | 120.7  | 112.4  | 104.0  | 94.1   | 88.1   | 85.8   | 86.6   | 85.8   |
| 97.5°  | 489.0 | 407.0 | 325.0  | 248.3  | 225.5  | 202.7  | 173.1  | 157.9  | 149.6  | 145.0  | 149.6  |
| 100°   | 709.1 | 693.2 | 599.0  | 495.0  | 449.1  | 403.2  | 340.1  | 307.5  | 285.5  | 271.8  | 285.5  |
| 102.5° | 791.1 | 880.7 | 877.7  | 808.6  | 759.2  | 709.9  | 640.0  | 578.5  | 549.7  | 530.0  | 549.7  |
| 105°   | 764.6 | 922.5 | 1008.3 | 1018.2 | 1005.6 | 993.1  | 946.0  | 899.0  | 866.3  | 855.7  | 866.3  |
| 107.5° | 708.4 | 877.7 | 1005.2 | 1079.7 | 1094.8 | 1110.0 | 1109.3 | 1102.4 | 1092.6 | 1075.1 | 1092.6 |
| 110°   | 656.0 | 816.2 | 952.1  | 1049.3 | 1080.4 | 1111.5 | 1144.2 | 1158.6 | 1165.4 | 1164.7 | 1165.4 |

TEST NUMBER: P999615

CATALOG NUMBER: SA2XXRDIP-B290D725UB40-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 50°   | 55°   | 60°   | 65°   | 67.5°  | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    |
|--------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 619.5 | 760.0 | 889.1 | 994.6 | 1031.4 | 1068.3 | 1116.9 | 1143.4 | 1157.9 | 1163.2 | 1157.9 |
| 115°   | 590.7 | 716.0 | 832.9 | 932.4 | 971.5  | 1010.6 | 1064.5 | 1099.4 | 1119.1 | 1126.0 | 1119.1 |
| 117.5° | 571.0 | 679.5 | 784.3 | 876.9 | 914.1  | 951.3  | 1006.8 | 1044.0 | 1064.5 | 1069.8 | 1064.5 |
| 120°   | 555.8 | 653.7 | 747.9 | 828.3 | 862.8  | 897.4  | 950.6  | 986.3  | 1008.3 | 1015.9 | 1008.3 |
| 122.5° | 542.9 | 633.2 | 717.5 | 792.7 | 823.0  | 853.4  | 899.7  | 934.6  | 953.6  | 959.7  | 953.6  |
| 125°   | 530.7 | 613.5 | 691.7 | 758.5 | 787.0  | 815.4  | 859.5  | 888.3  | 907.3  | 913.4  | 907.3  |
| 127.5° | 519.3 | 593.7 | 665.9 | 729.6 | 756.2  | 782.8  | 821.5  | 848.8  | 865.5  | 870.1  | 865.5  |
| 130°   | 507.9 | 574.8 | 640.0 | 700.0 | 725.0  | 750.1  | 787.3  | 813.2  | 828.3  | 834.4  | 828.3  |
| 132.5° | 498.8 | 556.5 | 615.8 | 669.7 | 692.8  | 716.0  | 752.4  | 778.2  | 791.9  | 797.2  | 791.9  |
| 135°   | 490.5 | 539.8 | 589.9 | 640.0 | 661.3  | 682.6  | 715.2  | 740.3  | 753.9  | 757.0  | 753.9  |
| 137.5° | 484.4 | 526.2 | 569.4 | 610.4 | 629.4  | 648.4  | 679.5  | 701.5  | 713.7  | 718.2  | 713.7  |
| 140°   | 479.1 | 513.3 | 549.7 | 584.6 | 601.3  | 618.0  | 642.3  | 662.1  | 673.5  | 678.0  | 673.5  |
| 142.5° | 473.8 | 502.6 | 532.2 | 561.1 | 574.4  | 587.7  | 610.4  | 627.9  | 637.8  | 637.8  | 637.8  |
| 145°   | 469.2 | 492.8 | 517.8 | 541.3 | 552.3  | 563.4  | 581.6  | 594.5  | 602.1  | 604.4  | 602.1  |
| 147.5° | 464.7 | 485.2 | 505.7 | 524.6 | 533.0  | 541.3  | 557.3  | 567.9  | 573.2  | 574.8  | 573.2  |
| 150°   | 458.6 | 476.8 | 493.5 | 509.5 | 516.3  | 523.1  | 534.5  | 543.6  | 548.2  | 548.9  | 548.2  |
| 152.5° | 453.3 | 468.5 | 483.6 | 496.5 | 502.2  | 507.9  | 516.3  | 523.9  | 526.9  | 526.9  | 526.9  |
| 155°   | 446.4 | 460.9 | 473.0 | 484.4 | 488.6  | 492.8  | 501.1  | 506.4  | 509.5  | 507.9  | 509.5  |
| 157.5° | 440.4 | 451.8 | 462.4 | 472.3 | 475.7  | 479.1  | 485.2  | 489.7  | 491.2  | 491.2  | 491.2  |
| 160°   | 433.5 | 443.4 | 451.8 | 460.1 | 462.8  | 465.4  | 470.7  | 474.5  | 475.3  | 475.3  | 475.3  |
| 162.5° | 427.5 | 435.0 | 441.9 | 448.7 | 450.6  | 452.5  | 457.8  | 460.1  | 460.9  | 460.1  | 460.9  |
| 165°   | 420.6 | 426.7 | 432.0 | 437.3 | 438.8  | 440.4  | 443.4  | 446.4  | 446.4  | 445.7  | 446.4  |
| 167.5° | 413.8 | 418.3 | 422.9 | 426.7 | 428.2  | 429.7  | 431.3  | 432.8  | 432.8  | 432.0  | 432.8  |
| 170°   | 408.5 | 412.3 | 414.5 | 417.6 | 418.4  | 419.1  | 419.9  | 422.1  | 421.4  | 419.9  | 421.4  |
| 172.5° | 403.2 | 405.4 | 407.0 | 409.2 | 409.6  | 410.0  | 410.8  | 411.5  | 410.8  | 410.0  | 410.8  |
| 175°   | 398.6 | 400.9 | 401.6 | 402.4 | 402.8  | 403.2  | 403.2  | 403.9  | 403.2  | 401.6  | 403.2  |
| 177.5° | 395.6 | 397.1 | 397.1 | 397.8 | 397.8  | 397.8  | 397.8  | 397.8  | 397.1  | 395.6  | 397.1  |
| 180°   | 394.8 | 394.8 | 394.8 | 394.8 | 394.8  | 394.8  | 394.8  | 394.8  | 394.8  | 394.8  | 394.8  |

TEST NUMBER: P999615

CATALOG NUMBER: SA2XXRDIP-B290D725UB40-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 100°   | 105°   | 110°   | 112.5° | 115°   | 120°   | 125°  | 130°  | 135°  | 140°  | 145°  |
|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|
| 0°     | 632.5  | 632.5  | 632.5  | 632.5  | 632.5  | 632.5  | 632.5 | 632.5 | 632.5 | 632.5 | 632.5 |
| 2.5°   | 666.8  | 663.7  | 662.8  | 663.7  | 662.8  | 663.2  | 660.2 | 648.7 | 651.8 | 647.0 | 649.6 |
| 5°     | 704.6  | 701.9  | 696.2  | 695.3  | 694.5  | 693.6  | 689.2 | 679.1 | 675.1 | 668.5 | 668.1 |
| 7.5°   | 740.6  | 740.6  | 736.2  | 733.1  | 729.2  | 726.1  | 720.4 | 705.4 | 699.3 | 691.4 | 687.0 |
| 10°    | 776.2  | 764.8  | 769.6  | 766.5  | 756.9  | 755.1  | 744.6 | 735.8 | 723.9 | 716.0 | 709.0 |
| 12.5°  | 801.7  | 798.2  | 793.8  | 791.1  | 788.5  | 782.8  | 775.8 | 753.3 | 747.2 | 731.4 | 723.5 |
| 15°    | 800.8  | 798.6  | 799.9  | 799.9  | 799.1  | 797.7  | 792.0 | 775.8 | 765.2 | 749.8 | 736.2 |
| 17.5°  | 757.7  | 763.5  | 769.2  | 773.1  | 781.9  | 785.9  | 791.1 | 781.5 | 774.9 | 761.7 | 747.2 |
| 20°    | 682.6  | 696.6  | 713.4  | 716.9  | 724.8  | 748.1  | 758.6 | 767.0 | 769.6 | 765.2 | 753.3 |
| 22.5°  | 578.0  | 589.8  | 630.3  | 629.4  | 640.8  | 668.5  | 699.3 | 724.3 | 744.1 | 755.1 | 750.7 |
| 25°    | 452.7  | 469.4  | 491.0  | 507.2  | 544.6  | 585.9  | 624.1 | 664.1 | 698.4 | 728.7 | 736.2 |
| 27.5°  | 342.4  | 364.4  | 381.5  | 403.0  | 421.9  | 470.7  | 520.0 | 582.4 | 622.4 | 679.9 | 709.8 |
| 30°    | 276.9  | 287.0  | 304.2  | 314.3  | 323.5  | 360.9  | 416.7 | 478.2 | 548.5 | 614.9 | 666.3 |
| 32.5°  | 236.5  | 243.5  | 256.2  | 260.6  | 270.3  | 295.4  | 330.5 | 386.8 | 459.3 | 539.7 | 607.4 |
| 35°    | 212.3  | 219.8  | 222.4  | 226.4  | 234.3  | 250.1  | 274.3 | 315.1 | 380.6 | 459.3 | 540.2 |
| 37.5°  | 191.6  | 195.6  | 203.1  | 205.7  | 208.3  | 220.2  | 236.5 | 265.0 | 308.5 | 373.2 | 462.8 |
| 40°    | 177.1  | 179.3  | 183.3  | 185.5  | 187.2  | 195.6  | 210.1 | 229.4 | 261.5 | 310.7 | 393.4 |
| 42.5°  | 161.7  | 164.4  | 167.0  | 169.7  | 171.9  | 178.4  | 187.2 | 205.7 | 227.2 | 264.6 | 324.4 |
| 45°    | 146.8  | 148.6  | 151.6  | 153.4  | 156.5  | 161.7  | 169.7 | 182.4 | 201.7 | 225.5 | 273.8 |
| 47.5°  | 133.2  | 135.4  | 136.7  | 138.9  | 141.1  | 146.8  | 154.3 | 162.6 | 178.4 | 201.7 | 236.9 |
| 50°    | 120.9  | 123.5  | 125.3  | 125.7  | 127.5  | 132.7  | 138.9 | 148.1 | 158.2 | 176.2 | 207.0 |
| 52.5°  | 112.1  | 112.5  | 113.8  | 115.6  | 115.2  | 118.2  | 123.9 | 131.0 | 141.5 | 156.0 | 178.4 |
| 55°    | 102.0  | 103.3  | 104.2  | 104.6  | 104.6  | 107.2  | 110.3 | 116.9 | 125.3 | 137.1 | 156.0 |
| 57.5°  | 89.2   | 90.5   | 93.2   | 94.1   | 95.4   | 96.7   | 98.0  | 102.4 | 109.4 | 120.9 | 136.3 |
| 60°    | 76.0   | 76.9   | 79.6   | 81.3   | 82.2   | 85.7   | 87.5  | 91.0  | 94.9  | 103.3 | 117.8 |
| 62.5°  | 61.1   | 62.0   | 63.3   | 65.0   | 66.8   | 72.1   | 76.5  | 80.0  | 83.1  | 88.8  | 100.7 |
| 65°    | 53.2   | 53.6   | 54.5   | 54.9   | 55.4   | 57.6   | 61.5  | 66.4  | 72.1  | 76.5  | 83.5  |
| 67.5°  | 46.2   | 46.6   | 47.0   | 47.9   | 48.3   | 48.8   | 50.5  | 51.9  | 57.6  | 63.7  | 69.0  |
| 70°    | 39.6   | 40.4   | 40.9   | 40.9   | 41.3   | 42.2   | 43.1  | 44.8  | 46.6  | 49.7  | 56.3  |
| 72.5°  | 33.4   | 33.8   | 34.7   | 34.7   | 34.7   | 35.6   | 36.5  | 37.4  | 38.2  | 40.0  | 42.6  |
| 75°    | 27.7   | 28.6   | 28.6   | 28.6   | 29.0   | 29.0   | 29.9  | 30.8  | 31.6  | 33.0  | 33.8  |
| 77.5°  | 22.9   | 22.9   | 22.9   | 22.9   | 23.3   | 23.3   | 23.7  | 24.6  | 25.1  | 25.5  | 26.4  |
| 80°    | 17.1   | 17.6   | 17.6   | 17.6   | 18.0   | 18.0   | 18.0  | 18.9  | 19.3  | 19.3  | 20.2  |
| 82.5°  | 12.7   | 12.7   | 12.7   | 13.2   | 12.7   | 13.2   | 13.2  | 13.6  | 13.2  | 13.6  | 14.1  |
| 85°    | 7.9    | 7.9    | 7.9    | 8.4    | 8.4    | 8.4    | 8.4   | 8.4   | 8.4   | 8.4   | 8.8   |
| 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°    | 25.1   | 25.1   | 25.1   | 24.7   | 24.3   | 22.8   | 24.3  | 25.1  | 25.8  | 25.1  | 20.5  |
| 92.5°  | 47.1   | 50.1   | 50.9   | 53.9   | 56.9   | 65.3   | 76.7  | 97.9  | 116.9 | 115.4 | 89.6  |
| 95°    | 88.1   | 94.1   | 104.0  | 112.4  | 120.7  | 152.6  | 198.9 | 260.4 | 297.6 | 263.5 | 175.4 |
| 97.5°  | 157.9  | 173.1  | 202.7  | 225.5  | 248.3  | 325.0  | 407.0 | 489.0 | 485.2 | 375.1 | 233.1 |
| 100°   | 307.5  | 340.1  | 403.2  | 449.1  | 495.0  | 599.0  | 693.2 | 709.1 | 599.8 | 413.0 | 249.0 |
| 102.5° | 578.5  | 640.0  | 709.9  | 759.2  | 808.6  | 877.7  | 880.7 | 791.1 | 603.6 | 398.6 | 249.8 |
| 105°   | 899.0  | 946.0  | 993.1  | 1005.6 | 1018.2 | 1008.3 | 922.5 | 764.6 | 562.6 | 378.9 | 253.6 |
| 107.5° | 1102.4 | 1109.3 | 1110.0 | 1094.8 | 1079.7 | 1005.2 | 877.7 | 708.4 | 524.6 | 368.2 | 261.9 |
| 110°   | 1158.6 | 1144.2 | 1111.5 | 1080.4 | 1049.3 | 952.1  | 816.2 | 656.0 | 498.8 | 365.2 | 272.6 |

TEST NUMBER: P999615

CATALOG NUMBER: SA2XXRDIP-B290D725UB40-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 100°   | 105°   | 110°   | 112.5° | 115°  | 120°  | 125°  | 130°  | 135°  | 140°  | 145°  |
|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 1143.4 | 1116.9 | 1068.3 | 1031.4 | 994.6 | 889.1 | 760.0 | 619.5 | 482.1 | 366.0 | 284.0 |
| 115°   | 1099.4 | 1064.5 | 1010.6 | 971.5  | 932.4 | 832.9 | 716.0 | 590.7 | 470.7 | 369.0 | 295.3 |
| 117.5° | 1044.0 | 1006.8 | 951.3  | 914.1  | 876.9 | 784.3 | 679.5 | 571.0 | 464.7 | 373.6 | 307.5 |
| 120°   | 986.3  | 950.6  | 897.4  | 862.8  | 828.3 | 747.9 | 653.7 | 555.8 | 459.3 | 378.1 | 319.6 |
| 122.5° | 934.6  | 899.7  | 853.4  | 823.0  | 792.7 | 717.5 | 633.2 | 542.9 | 456.3 | 383.4 | 330.3 |
| 125°   | 888.3  | 859.5  | 815.4  | 787.0  | 758.5 | 691.7 | 613.5 | 530.7 | 452.5 | 388.7 | 341.7 |
| 127.5° | 848.8  | 821.5  | 782.8  | 756.2  | 729.6 | 665.9 | 593.7 | 519.3 | 450.2 | 394.1 | 352.3 |
| 130°   | 813.2  | 787.3  | 750.1  | 725.0  | 700.0 | 640.0 | 574.8 | 507.9 | 448.7 | 400.1 | 362.2 |
| 132.5° | 778.2  | 752.4  | 716.0  | 692.8  | 669.7 | 615.8 | 556.5 | 498.8 | 448.0 | 406.2 | 372.0 |
| 135°   | 740.3  | 715.2  | 682.6  | 661.3  | 640.0 | 589.9 | 539.8 | 490.5 | 447.2 | 410.8 | 380.4 |
| 137.5° | 701.5  | 679.5  | 648.4  | 629.4  | 610.4 | 569.4 | 526.2 | 484.4 | 447.2 | 415.3 | 387.2 |
| 140°   | 662.1  | 642.3  | 618.0  | 601.3  | 584.6 | 549.7 | 513.3 | 479.1 | 446.4 | 418.3 | 392.5 |
| 142.5° | 627.9  | 610.4  | 587.7  | 574.4  | 561.1 | 532.2 | 502.6 | 473.8 | 446.4 | 420.6 | 397.1 |
| 145°   | 594.5  | 581.6  | 563.4  | 552.3  | 541.3 | 517.8 | 492.8 | 469.2 | 444.9 | 422.1 | 400.9 |
| 147.5° | 567.9  | 557.3  | 541.3  | 533.0  | 524.6 | 505.7 | 485.2 | 464.7 | 442.6 | 422.9 | 403.2 |
| 150°   | 543.6  | 534.5  | 523.1  | 516.3  | 509.5 | 493.5 | 476.8 | 458.6 | 440.4 | 422.1 | 404.7 |
| 152.5° | 523.9  | 516.3  | 507.9  | 502.2  | 496.5 | 483.6 | 468.5 | 453.3 | 436.6 | 420.6 | 405.4 |
| 155°   | 506.4  | 501.1  | 492.8  | 488.6  | 484.4 | 473.0 | 460.9 | 446.4 | 432.0 | 419.1 | 406.2 |
| 157.5° | 489.7  | 485.2  | 479.1  | 475.7  | 472.3 | 462.4 | 451.8 | 440.4 | 427.5 | 416.1 | 406.2 |
| 160°   | 474.5  | 470.7  | 465.4  | 462.8  | 460.1 | 451.8 | 443.4 | 433.5 | 422.9 | 413.8 | 406.2 |
| 162.5° | 460.1  | 457.8  | 452.5  | 450.6  | 448.7 | 441.9 | 435.0 | 427.5 | 419.1 | 411.5 | 405.4 |
| 165°   | 446.4  | 443.4  | 440.4  | 438.8  | 437.3 | 432.0 | 426.7 | 420.6 | 413.8 | 408.5 | 403.9 |
| 167.5° | 432.8  | 431.3  | 429.7  | 428.2  | 426.7 | 422.9 | 418.3 | 413.8 | 409.2 | 405.4 | 403.2 |
| 170°   | 422.1  | 419.9  | 419.1  | 418.4  | 417.6 | 414.5 | 412.3 | 408.5 | 405.4 | 403.2 | 401.6 |
| 172.5° | 411.5  | 410.8  | 410.0  | 409.6  | 409.2 | 407.0 | 405.4 | 403.2 | 400.9 | 400.1 | 399.4 |
| 175°   | 403.9  | 403.2  | 403.2  | 402.8  | 402.4 | 401.6 | 400.9 | 398.6 | 397.8 | 397.1 | 397.8 |
| 177.5° | 397.8  | 397.8  | 397.8  | 397.8  | 397.8 | 397.1 | 397.1 | 395.6 | 394.8 | 395.6 | 397.1 |
| 180°   | 394.8  | 394.8  | 394.8  | 394.8  | 394.8 | 394.8 | 394.8 | 394.8 | 394.8 | 394.8 | 394.8 |

TEST NUMBER: P999615

CATALOG NUMBER: SA2XXRDIP-B290D725UB40-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 150°  | 155°  | 157.5° | 160°  | 165°  | 170°  | 175°  | 180°  | 185°  | 190°  | 195°  |
|--------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 632.5 | 632.5 | 632.5  | 632.5 | 632.5 | 632.5 | 632.5 | 632.5 | 632.5 | 632.5 | 632.5 |
| 2.5°   | 645.7 | 643.5 | 643.5  | 642.1 | 642.1 | 635.1 | 635.1 | 637.3 | 634.7 | 631.6 | 627.2 |
| 5°     | 662.4 | 657.5 | 656.2  | 654.5 | 648.7 | 639.9 | 636.4 | 635.1 | 629.8 | 623.2 | 615.8 |
| 7.5°   | 678.2 | 670.3 | 666.3  | 662.4 | 654.9 | 642.6 | 635.6 | 630.7 | 622.8 | 612.7 | 603.0 |
| 10°    | 693.6 | 683.5 | 673.4  | 668.5 | 658.0 | 642.6 | 632.5 | 624.6 | 613.1 | 599.5 | 585.9 |
| 12.5°  | 707.6 | 686.5 | 684.8  | 675.1 | 659.7 | 642.1 | 626.8 | 615.3 | 600.8 | 585.0 | 569.2 |
| 15°    | 719.9 | 698.4 | 687.9  | 679.1 | 658.8 | 636.9 | 620.6 | 606.5 | 587.2 | 569.2 | 549.8 |
| 17.5°  | 726.1 | 702.8 | 695.8  | 681.3 | 660.6 | 632.0 | 610.1 | 592.9 | 571.8 | 550.3 | 528.3 |
| 20°    | 732.3 | 705.0 | 693.6  | 683.5 | 655.3 | 622.8 | 598.2 | 578.4 | 555.1 | 529.6 | 505.5 |
| 22.5°  | 735.3 | 705.0 | 691.4  | 677.3 | 650.1 | 612.7 | 583.7 | 560.4 | 533.1 | 507.2 | 478.2 |
| 25°    | 730.1 | 702.4 | 686.1  | 671.6 | 640.8 | 600.4 | 567.0 | 540.6 | 511.6 | 482.2 | 452.7 |
| 27.5°  | 716.9 | 696.2 | 677.3  | 662.4 | 628.1 | 584.6 | 549.4 | 519.5 | 489.6 | 456.7 | 426.8 |
| 30°    | 692.3 | 683.0 | 668.1  | 651.4 | 614.0 | 570.5 | 528.7 | 498.0 | 465.0 | 432.1 | 400.8 |
| 32.5°  | 654.0 | 661.9 | 652.3  | 637.8 | 597.3 | 551.2 | 506.8 | 475.6 | 439.5 | 403.9 | 375.4 |
| 35°    | 607.4 | 635.6 | 630.3  | 620.2 | 579.7 | 530.5 | 486.1 | 448.3 | 412.3 | 376.2 | 347.7 |
| 37.5°  | 556.4 | 599.1 | 603.5  | 597.3 | 559.5 | 509.4 | 460.6 | 423.7 | 386.8 | 350.3 | 321.3 |
| 40°    | 486.6 | 552.0 | 566.1  | 568.7 | 538.4 | 483.9 | 432.9 | 396.9 | 360.4 | 324.8 | 289.6 |
| 42.5°  | 422.4 | 505.0 | 522.6  | 533.6 | 511.6 | 458.9 | 407.4 | 367.4 | 331.4 | 299.3 | 264.2 |
| 45°    | 362.2 | 448.3 | 476.9  | 491.0 | 481.3 | 430.3 | 377.1 | 339.8 | 306.8 | 277.3 | 243.5 |
| 47.5°  | 300.2 | 386.8 | 426.8  | 449.2 | 449.2 | 401.3 | 348.1 | 311.2 | 279.5 | 254.5 | 224.6 |
| 50°    | 258.9 | 331.0 | 372.3  | 401.7 | 409.6 | 371.8 | 321.7 | 285.7 | 255.8 | 228.6 | 205.7 |
| 52.5°  | 220.6 | 285.3 | 319.5  | 350.3 | 373.2 | 340.2 | 292.3 | 259.8 | 230.3 | 204.8 | 186.8 |
| 55°    | 190.8 | 239.1 | 270.3  | 304.2 | 329.6 | 308.1 | 263.7 | 232.1 | 206.6 | 185.5 | 170.1 |
| 57.5°  | 162.2 | 204.4 | 229.9  | 259.8 | 287.0 | 270.7 | 235.1 | 207.9 | 185.5 | 167.0 | 153.4 |
| 60°    | 138.0 | 172.3 | 192.1  | 215.4 | 249.2 | 237.8 | 208.3 | 183.3 | 165.3 | 148.6 | 137.1 |
| 62.5°  | 117.4 | 144.6 | 161.3  | 178.0 | 208.8 | 203.5 | 180.6 | 161.3 | 145.9 | 131.9 | 122.2 |
| 65°    | 96.3  | 118.7 | 131.9  | 146.4 | 171.0 | 173.2 | 154.7 | 141.1 | 127.0 | 114.7 | 105.9 |
| 67.5°  | 77.8  | 95.4  | 107.2  | 119.6 | 139.3 | 145.5 | 132.7 | 121.3 | 109.4 | 99.3  | 91.4  |
| 70°    | 62.9  | 75.2  | 83.9   | 93.6  | 109.9 | 117.4 | 110.8 | 102.8 | 93.2  | 84.8  | 77.8  |
| 72.5°  | 49.7  | 57.6  | 62.9   | 70.3  | 83.5  | 91.0  | 90.5  | 83.5  | 76.5  | 70.8  | 65.0  |
| 75°    | 36.5  | 42.6  | 47.0   | 51.9  | 62.4  | 69.4  | 71.2  | 68.1  | 61.1  | 56.7  | 52.3  |
| 77.5°  | 27.7  | 31.2  | 33.4   | 36.9  | 44.4  | 50.5  | 53.2  | 52.3  | 47.5  | 44.0  | 40.9  |
| 80°    | 21.1  | 22.0  | 22.9   | 24.2  | 30.3  | 36.0  | 37.8  | 37.4  | 34.7  | 33.4  | 29.9  |
| 82.5°  | 14.9  | 15.4  | 15.8   | 16.3  | 18.5  | 23.3  | 25.1  | 25.9  | 23.7  | 22.4  | 19.3  |
| 85°    | 8.8   | 9.2   | 9.2    | 10.1  | 10.5  | 11.9  | 14.9  | 14.9  | 14.5  | 12.7  | 12.3  |
| 87.5°  | 4.4   | 4.4   | 4.0    | 4.0   | 4.4   | 4.8   | 5.7   | 6.6   | 5.7   | 5.3   | 4.8   |
| 90°    | 15.2  | 11.4  | 10.2   | 9.1   | 7.6   | 6.1   | 3.0   | 0.8   | 3.0   | 6.1   | 7.6   |
| 92.5°  | 60.7  | 40.2  | 36.0   | 31.9  | 25.8  | 22.0  | 15.9  | 11.4  | 15.9  | 22.0  | 25.8  |
| 95°    | 109.3 | 74.4  | 65.3   | 56.2  | 44.0  | 37.2  | 29.6  | 26.6  | 29.6  | 37.2  | 44.0  |
| 97.5°  | 141.2 | 96.4  | 86.2   | 75.9  | 62.3  | 52.4  | 44.0  | 39.5  | 44.0  | 52.4  | 62.3  |
| 100°   | 156.4 | 116.2 | 105.6  | 94.9  | 79.7  | 67.6  | 60.7  | 58.5  | 60.7  | 67.6  | 79.7  |
| 102.5° | 170.1 | 133.6 | 123.0  | 112.4 | 96.4  | 84.3  | 77.4  | 75.9  | 77.4  | 84.3  | 96.4  |
| 105°   | 186.0 | 150.3 | 139.7  | 129.1 | 112.4 | 101.0 | 95.7  | 92.6  | 95.7  | 101.0 | 112.4 |
| 107.5° | 202.0 | 167.0 | 156.4  | 145.8 | 129.1 | 118.4 | 113.1 | 110.9 | 113.1 | 118.4 | 129.1 |
| 110°   | 217.9 | 184.5 | 173.5  | 162.5 | 146.5 | 136.7 | 132.1 | 129.1 | 132.1 | 136.7 | 146.5 |

TEST NUMBER: P999615

CATALOG NUMBER: SA2XXRDIP-B290D725UB40-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 150°  | 155°  | 157.5° | 160°  | 165°  | 170°  | 175°  | 180°  | 185°  | 190°  | 195°  |
|--------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 233.1 | 201.2 | 189.8  | 178.4 | 163.2 | 154.1 | 148.8 | 145.8 | 148.8 | 154.1 | 163.2 |
| 115°   | 249.0 | 216.4 | 206.2  | 195.9 | 180.7 | 171.6 | 167.0 | 163.2 | 167.0 | 171.6 | 180.7 |
| 117.5° | 263.5 | 233.1 | 222.4  | 211.8 | 197.4 | 189.1 | 184.5 | 181.5 | 184.5 | 189.1 | 197.4 |
| 120°   | 278.6 | 249.0 | 238.4  | 227.8 | 212.6 | 205.8 | 201.2 | 198.2 | 201.2 | 205.8 | 212.6 |
| 122.5° | 293.1 | 265.7 | 254.7  | 243.7 | 228.5 | 220.9 | 216.4 | 214.1 | 216.4 | 220.9 | 228.5 |
| 125°   | 307.5 | 280.2 | 269.5  | 258.9 | 243.7 | 234.6 | 230.1 | 227.8 | 230.1 | 234.6 | 243.7 |
| 127.5° | 321.2 | 294.6 | 283.6  | 272.6 | 258.1 | 248.3 | 242.2 | 239.2 | 242.2 | 248.3 | 258.1 |
| 130°   | 333.3 | 306.7 | 296.1  | 285.5 | 270.3 | 259.7 | 252.1 | 249.0 | 252.1 | 259.7 | 270.3 |
| 132.5° | 343.9 | 318.9 | 308.2  | 297.6 | 281.7 | 270.3 | 261.9 | 258.1 | 261.9 | 270.3 | 281.7 |
| 135°   | 353.8 | 329.5 | 318.9  | 308.3 | 290.8 | 279.4 | 270.3 | 267.3 | 270.3 | 279.4 | 290.8 |
| 137.5° | 362.2 | 337.9 | 328.0  | 318.1 | 300.7 | 288.5 | 279.4 | 275.6 | 279.4 | 288.5 | 300.7 |
| 140°   | 369.0 | 346.2 | 336.4  | 326.5 | 309.8 | 297.6 | 288.5 | 285.5 | 288.5 | 297.6 | 309.8 |
| 142.5° | 374.3 | 352.3 | 343.2  | 334.1 | 318.1 | 306.0 | 297.6 | 295.3 | 297.6 | 306.0 | 318.1 |
| 145°   | 379.6 | 359.1 | 350.8  | 342.4 | 327.2 | 315.8 | 308.3 | 305.2 | 308.3 | 315.8 | 327.2 |
| 147.5° | 384.2 | 364.4 | 356.8  | 349.3 | 336.3 | 325.7 | 318.1 | 315.8 | 318.1 | 325.7 | 336.3 |
| 150°   | 387.2 | 369.8 | 363.0  | 356.1 | 344.7 | 334.8 | 328.8 | 326.5 | 328.8 | 334.8 | 344.7 |
| 152.5° | 390.3 | 375.1 | 369.0  | 362.9 | 352.3 | 343.9 | 337.9 | 337.1 | 337.9 | 343.9 | 352.3 |
| 155°   | 393.3 | 380.4 | 374.7  | 369.0 | 360.6 | 352.3 | 347.7 | 347.0 | 347.7 | 352.3 | 360.6 |
| 157.5° | 395.6 | 384.2 | 379.2  | 374.3 | 367.5 | 359.9 | 356.1 | 355.3 | 356.1 | 359.9 | 367.5 |
| 160°   | 397.1 | 388.0 | 383.8  | 379.6 | 373.6 | 367.5 | 364.4 | 363.7 | 364.4 | 367.5 | 373.6 |
| 162.5° | 397.8 | 390.3 | 387.2  | 384.2 | 378.9 | 374.3 | 371.3 | 372.0 | 371.3 | 374.3 | 378.9 |
| 165°   | 398.6 | 391.8 | 389.5  | 387.2 | 383.4 | 378.9 | 377.3 | 378.1 | 377.3 | 378.9 | 383.4 |
| 167.5° | 398.6 | 393.3 | 391.8  | 390.3 | 387.2 | 384.2 | 382.7 | 383.4 | 382.7 | 384.2 | 387.2 |
| 170°   | 397.8 | 394.1 | 393.0  | 391.8 | 390.3 | 388.0 | 387.2 | 388.7 | 387.2 | 388.0 | 390.3 |
| 172.5° | 397.1 | 394.8 | 394.0  | 393.3 | 392.5 | 390.3 | 391.0 | 391.8 | 391.0 | 390.3 | 392.5 |
| 175°   | 396.3 | 394.8 | 394.5  | 394.1 | 394.1 | 392.5 | 393.3 | 394.1 | 393.3 | 392.5 | 394.1 |
| 177.5° | 395.6 | 394.8 | 394.8  | 394.8 | 394.8 | 393.3 | 394.1 | 395.6 | 394.1 | 393.3 | 394.8 |
| 180°   | 394.8 | 394.8 | 394.8  | 394.8 | 394.8 | 394.8 | 394.8 | 394.8 | 394.8 | 394.8 | 394.8 |

TEST NUMBER: P999615

CATALOG NUMBER: SA2XXRDIP-B290D725UB40-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 200°  | 202.5° | 205°  | 210°  | 215°  | 220°  | 225°  | 230°  | 235°  | 240°   | 245°   |
|--------|-------|--------|-------|-------|-------|-------|-------|-------|-------|--------|--------|
| 0°     | 632.5 | 632.5  | 632.5 | 632.5 | 632.5 | 632.5 | 632.5 | 632.5 | 632.5 | 632.5  | 632.5  |
| 2.5°   | 625.4 | 625.9  | 627.2 | 623.2 | 617.1 | 614.5 | 606.5 | 605.2 | 603.9 | 603.9  | 605.2  |
| 5°     | 611.4 | 609.6  | 610.1 | 602.6 | 593.8 | 588.5 | 577.5 | 579.3 | 573.6 | 570.1  | 570.9  |
| 7.5°   | 596.0 | 591.2  | 590.7 | 581.1 | 570.1 | 560.4 | 549.0 | 546.3 | 541.1 | 534.9  | 532.3  |
| 10°    | 576.7 | 573.1  | 566.5 | 555.6 | 541.5 | 533.6 | 518.2 | 509.0 | 507.7 | 498.4  | 494.9  |
| 12.5°  | 556.9 | 550.7  | 544.1 | 528.7 | 512.9 | 500.2 | 488.8 | 478.6 | 471.6 | 463.7  | 458.4  |
| 15°    | 534.0 | 526.6  | 519.1 | 502.8 | 484.4 | 471.6 | 454.5 | 439.5 | 418.9 | 402.6  | 393.4  |
| 17.5°  | 509.0 | 500.6  | 490.5 | 472.5 | 454.5 | 436.9 | 405.2 | 387.7 | 373.2 | 363.5  | 357.8  |
| 20°    | 483.0 | 473.8  | 463.7 | 445.7 | 414.5 | 383.7 | 366.1 | 352.5 | 343.7 | 334.0  | 327.0  |
| 22.5°  | 455.8 | 446.1  | 435.1 | 407.0 | 374.0 | 352.5 | 338.9 | 326.1 | 313.4 | 308.1  | 304.6  |
| 25°    | 430.3 | 421.5  | 407.4 | 369.2 | 343.3 | 323.5 | 308.1 | 299.8 | 293.2 | 286.1  | 279.5  |
| 27.5°  | 403.9 | 387.7  | 367.9 | 335.8 | 319.5 | 299.3 | 288.3 | 282.2 | 270.7 | 265.9  | 262.8  |
| 30°    | 372.3 | 354.3  | 335.4 | 312.5 | 293.6 | 279.5 | 269.4 | 259.3 | 252.7 | 247.9  | 242.6  |
| 32.5°  | 340.2 | 323.1  | 311.2 | 287.4 | 273.4 | 258.9 | 249.2 | 243.1 | 233.4 | 230.3  | 228.1  |
| 35°    | 312.5 | 298.0  | 287.4 | 268.1 | 254.9 | 241.7 | 234.7 | 225.5 | 219.3 | 213.6  | 210.1  |
| 37.5°  | 285.3 | 277.3  | 266.4 | 250.1 | 236.0 | 225.5 | 215.8 | 212.7 | 204.4 | 201.3  | 197.8  |
| 40°    | 266.4 | 254.5  | 245.3 | 231.2 | 219.3 | 207.9 | 201.7 | 194.7 | 189.0 | 184.2  | 182.8  |
| 42.5°  | 243.5 | 234.7  | 229.4 | 214.0 | 201.7 | 195.1 | 187.7 | 179.8 | 175.4 | 171.4  | 166.6  |
| 45°    | 226.4 | 218.4  | 211.0 | 198.7 | 187.7 | 179.3 | 172.7 | 167.5 | 160.0 | 158.2  | 150.8  |
| 47.5°  | 208.3 | 200.4  | 194.7 | 182.4 | 172.3 | 164.4 | 159.5 | 152.5 | 146.4 | 142.4  | 138.9  |
| 50°    | 190.3 | 183.7  | 178.4 | 167.9 | 159.1 | 150.8 | 144.2 | 137.1 | 134.5 | 127.9  | 125.7  |
| 52.5°  | 173.2 | 168.8  | 163.1 | 153.0 | 144.2 | 137.1 | 130.1 | 124.4 | 120.4 | 116.9  | 114.3  |
| 55°    | 158.7 | 151.6  | 149.0 | 138.0 | 130.5 | 123.1 | 116.9 | 113.4 | 108.6 | 106.4  | 104.2  |
| 57.5°  | 142.4 | 138.5  | 134.1 | 125.7 | 117.4 | 110.3 | 105.9 | 100.7 | 98.0  | 95.4   | 93.6   |
| 60°    | 128.3 | 122.6  | 119.1 | 112.1 | 104.6 | 98.0  | 94.1  | 90.1  | 86.6  | 84.4   | 80.9   |
| 62.5°  | 112.1 | 107.7  | 105.5 | 98.0  | 91.9  | 85.7  | 82.2  | 78.2  | 75.6  | 71.6   | 67.2   |
| 65°    | 98.0  | 94.5   | 91.9  | 85.7  | 80.0  | 74.3  | 70.8  | 65.9  | 62.4  | 60.2   | 59.8   |
| 67.5°  | 85.7  | 83.1   | 79.1  | 73.4  | 67.7  | 63.3  | 59.3  | 55.4  | 54.9  | 54.1   | 54.1   |
| 70°    | 72.1  | 69.4   | 67.2  | 61.1  | 56.3  | 51.4  | 50.5  | 49.2  | 47.9  | 47.5   | 46.6   |
| 72.5°  | 60.2  | 58.0   | 55.4  | 50.1  | 45.3  | 44.0  | 43.1  | 42.2  | 40.9  | 40.4   | 40.0   |
| 75°    | 48.8  | 45.7   | 44.0  | 39.1  | 37.8  | 36.9  | 36.0  | 34.7  | 33.8  | 33.4   | 32.5   |
| 77.5°  | 37.4  | 34.3   | 34.3  | 31.6  | 30.8  | 29.4  | 28.6  | 27.7  | 27.3  | 26.4   | 26.4   |
| 80°    | 26.4  | 26.4   | 25.5  | 24.2  | 22.9  | 22.4  | 21.1  | 20.7  | 20.2  | 20.7   | 19.8   |
| 82.5°  | 19.3  | 17.6   | 17.6  | 16.7  | 15.8  | 15.4  | 14.5  | 14.5  | 14.1  | 14.1   | 14.1   |
| 85°    | 11.0  | 11.0   | 10.5  | 9.7   | 9.2   | 9.2   | 8.8   | 8.8   | 8.4   | 8.4    | 7.9    |
| 87.5°  | 4.4   | 4.0    | 4.4   | 4.0   | 4.0   | 3.5   | 3.5   | 3.5   | 3.1   | 3.5    | 3.1    |
| 90°    | 9.1   | 10.2   | 11.4  | 15.2  | 20.5  | 25.1  | 25.8  | 25.1  | 24.3  | 22.8   | 24.3   |
| 92.5°  | 31.9  | 36.0   | 40.2  | 60.7  | 89.6  | 115.4 | 116.9 | 97.9  | 76.7  | 65.3   | 56.9   |
| 95°    | 56.2  | 65.3   | 74.4  | 109.3 | 175.4 | 263.5 | 297.6 | 260.4 | 198.9 | 152.6  | 120.7  |
| 97.5°  | 75.9  | 86.2   | 96.4  | 141.2 | 233.1 | 375.1 | 485.2 | 489.0 | 407.0 | 325.0  | 248.3  |
| 100°   | 94.9  | 105.6  | 116.2 | 156.4 | 249.0 | 413.0 | 599.8 | 709.1 | 693.2 | 599.0  | 495.0  |
| 102.5° | 112.4 | 123.0  | 133.6 | 170.1 | 249.8 | 398.6 | 603.6 | 791.1 | 880.7 | 877.7  | 808.6  |
| 105°   | 129.1 | 139.7  | 150.3 | 186.0 | 253.6 | 378.9 | 562.6 | 764.6 | 922.5 | 1008.3 | 1018.2 |
| 107.5° | 145.8 | 156.4  | 167.0 | 202.0 | 261.9 | 368.2 | 524.6 | 708.4 | 877.7 | 1005.2 | 1079.7 |
| 110°   | 162.5 | 173.5  | 184.5 | 217.9 | 272.6 | 365.2 | 498.8 | 656.0 | 816.2 | 952.1  | 1049.3 |

TEST NUMBER: P999615

CATALOG NUMBER: SA2XXRDIP-B290D725UB40-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 200°  | 202.5° | 205°  | 210°  | 215°  | 220°  | 225°  | 230°  | 235°  | 240°  | 245°  |
|--------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 178.4 | 189.8  | 201.2 | 233.1 | 284.0 | 366.0 | 482.1 | 619.5 | 760.0 | 889.1 | 994.6 |
| 115°   | 195.9 | 206.2  | 216.4 | 249.0 | 295.3 | 369.0 | 470.7 | 590.7 | 716.0 | 832.9 | 932.4 |
| 117.5° | 211.8 | 222.4  | 233.1 | 263.5 | 307.5 | 373.6 | 464.7 | 571.0 | 679.5 | 784.3 | 876.9 |
| 120°   | 227.8 | 238.4  | 249.0 | 278.6 | 319.6 | 378.1 | 459.3 | 555.8 | 653.7 | 747.9 | 828.3 |
| 122.5° | 243.7 | 254.7  | 265.7 | 293.1 | 330.3 | 383.4 | 456.3 | 542.9 | 633.2 | 717.5 | 792.7 |
| 125°   | 258.9 | 269.5  | 280.2 | 307.5 | 341.7 | 388.7 | 452.5 | 530.7 | 613.5 | 691.7 | 758.5 |
| 127.5° | 272.6 | 283.6  | 294.6 | 321.2 | 352.3 | 394.1 | 450.2 | 519.3 | 593.7 | 665.9 | 729.6 |
| 130°   | 285.5 | 296.1  | 306.7 | 333.3 | 362.2 | 400.1 | 448.7 | 507.9 | 574.8 | 640.0 | 700.0 |
| 132.5° | 297.6 | 308.2  | 318.9 | 343.9 | 372.0 | 406.2 | 448.0 | 498.8 | 556.5 | 615.8 | 669.7 |
| 135°   | 308.3 | 318.9  | 329.5 | 353.8 | 380.4 | 410.8 | 447.2 | 490.5 | 539.8 | 589.9 | 640.0 |
| 137.5° | 318.1 | 328.0  | 337.9 | 362.2 | 387.2 | 415.3 | 447.2 | 484.4 | 526.2 | 569.4 | 610.4 |
| 140°   | 326.5 | 336.4  | 346.2 | 369.0 | 392.5 | 418.3 | 446.4 | 479.1 | 513.3 | 549.7 | 584.6 |
| 142.5° | 334.1 | 343.2  | 352.3 | 374.3 | 397.1 | 420.6 | 446.4 | 473.8 | 502.6 | 532.2 | 561.1 |
| 145°   | 342.4 | 350.8  | 359.1 | 379.6 | 400.9 | 422.1 | 444.9 | 469.2 | 492.8 | 517.8 | 541.3 |
| 147.5° | 349.3 | 356.8  | 364.4 | 384.2 | 403.2 | 422.9 | 442.6 | 464.7 | 485.2 | 505.7 | 524.6 |
| 150°   | 356.1 | 363.0  | 369.8 | 387.2 | 404.7 | 422.1 | 440.4 | 458.6 | 476.8 | 493.5 | 509.5 |
| 152.5° | 362.9 | 369.0  | 375.1 | 390.3 | 405.4 | 420.6 | 436.6 | 453.3 | 468.5 | 483.6 | 496.5 |
| 155°   | 369.0 | 374.7  | 380.4 | 393.3 | 406.2 | 419.1 | 432.0 | 446.4 | 460.9 | 473.0 | 484.4 |
| 157.5° | 374.3 | 379.2  | 384.2 | 395.6 | 406.2 | 416.1 | 427.5 | 440.4 | 451.8 | 462.4 | 472.3 |
| 160°   | 379.6 | 383.8  | 388.0 | 397.1 | 406.2 | 413.8 | 422.9 | 433.5 | 443.4 | 451.8 | 460.1 |
| 162.5° | 384.2 | 387.2  | 390.3 | 397.8 | 405.4 | 411.5 | 419.1 | 427.5 | 435.0 | 441.9 | 448.7 |
| 165°   | 387.2 | 389.5  | 391.8 | 398.6 | 403.9 | 408.5 | 413.8 | 420.6 | 426.7 | 432.0 | 437.3 |
| 167.5° | 390.3 | 391.8  | 393.3 | 398.6 | 403.2 | 405.4 | 409.2 | 413.8 | 418.3 | 422.9 | 426.7 |
| 170°   | 391.8 | 393.0  | 394.1 | 397.8 | 401.6 | 403.2 | 405.4 | 408.5 | 412.3 | 414.5 | 417.6 |
| 172.5° | 393.3 | 394.0  | 394.8 | 397.1 | 399.4 | 400.1 | 400.9 | 403.2 | 405.4 | 407.0 | 409.2 |
| 175°   | 394.1 | 394.5  | 394.8 | 396.3 | 397.8 | 397.1 | 397.8 | 398.6 | 400.9 | 401.6 | 402.4 |
| 177.5° | 394.8 | 394.8  | 394.8 | 395.6 | 397.1 | 395.6 | 394.8 | 395.6 | 397.1 | 397.1 | 397.8 |
| 180°   | 394.8 | 394.8  | 394.8 | 394.8 | 394.8 | 394.8 | 394.8 | 394.8 | 394.8 | 394.8 | 394.8 |

TEST NUMBER: P999615

CATALOG NUMBER: SA2XXRDIP-B290D725UB40-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°   | 255°   | 260°   | 265°   | 270°   | 275°   | 280°   | 285°   | 290°   | 292.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 632.5  | 632.5  | 632.5  | 632.5  | 632.5  | 632.5  | 632.5  | 632.5  | 632.5  | 632.5  | 632.5  |
| 2.5°   | 605.2  | 604.3  | 601.7  | 602.6  | 601.3  | 601.3  | 600.4  | 600.4  | 600.4  | 602.6  | 601.3  |
| 5°     | 572.3  | 569.2  | 566.1  | 564.8  | 563.5  | 562.2  | 562.2  | 561.7  | 565.7  | 564.8  | 568.3  |
| 7.5°   | 531.4  | 530.5  | 524.4  | 524.4  | 522.2  | 521.3  | 523.5  | 523.9  | 524.4  | 525.2  | 527.4  |
| 10°    | 494.9  | 492.7  | 483.9  | 484.8  | 483.5  | 481.7  | 483.0  | 482.2  | 485.2  | 486.1  | 485.2  |
| 12.5°  | 451.8  | 447.9  | 438.2  | 433.4  | 428.1  | 424.1  | 429.0  | 425.5  | 437.8  | 441.3  | 451.0  |
| 15°    | 394.7  | 387.2  | 380.6  | 380.6  | 375.8  | 372.3  | 374.5  | 378.4  | 381.1  | 385.0  | 386.8  |
| 17.5°  | 356.5  | 353.4  | 348.1  | 345.0  | 343.7  | 342.4  | 342.4  | 344.1  | 349.9  | 349.4  | 352.9  |
| 20°    | 323.9  | 322.2  | 319.5  | 315.6  | 314.3  | 313.4  | 313.4  | 313.4  | 317.3  | 320.9  | 323.1  |
| 22.5°  | 301.5  | 300.2  | 298.4  | 293.2  | 290.5  | 289.6  | 291.8  | 293.2  | 296.2  | 298.9  | 301.1  |
| 25°    | 279.1  | 276.0  | 272.9  | 271.2  | 269.9  | 269.9  | 270.7  | 271.2  | 272.5  | 273.8  | 276.5  |
| 27.5°  | 260.6  | 258.4  | 254.0  | 249.2  | 249.2  | 247.9  | 248.8  | 249.7  | 252.7  | 257.1  | 259.3  |
| 30°    | 240.0  | 239.5  | 237.8  | 236.0  | 234.3  | 233.4  | 235.1  | 236.5  | 236.9  | 239.1  | 239.1  |
| 32.5°  | 225.0  | 222.0  | 218.9  | 217.1  | 216.2  | 215.8  | 216.2  | 218.0  | 218.0  | 220.6  | 223.7  |
| 35°    | 210.1  | 208.3  | 205.3  | 202.2  | 201.3  | 199.1  | 200.9  | 202.6  | 205.7  | 207.0  | 208.3  |
| 37.5°  | 193.8  | 191.6  | 190.3  | 189.4  | 187.7  | 188.1  | 186.8  | 189.4  | 192.1  | 191.6  | 192.5  |
| 40°    | 181.5  | 177.6  | 173.6  | 173.2  | 172.7  | 172.3  | 172.3  | 172.7  | 174.5  | 176.2  | 178.9  |
| 42.5°  | 165.7  | 164.4  | 160.9  | 157.4  | 156.5  | 155.6  | 154.7  | 156.5  | 160.0  | 163.1  | 164.4  |
| 45°    | 149.4  | 147.7  | 146.8  | 144.2  | 142.4  | 142.0  | 141.1  | 143.3  | 146.4  | 147.7  | 148.6  |
| 47.5°  | 134.5  | 134.1  | 131.4  | 131.9  | 130.5  | 131.0  | 130.5  | 131.9  | 131.9  | 133.2  | 134.1  |
| 50°    | 124.4  | 123.1  | 121.7  | 120.9  | 119.6  | 119.6  | 119.1  | 119.6  | 121.3  | 123.1  | 122.6  |
| 52.5°  | 114.3  | 112.1  | 111.6  | 111.2  | 110.3  | 111.2  | 109.9  | 110.3  | 112.1  | 113.0  | 112.5  |
| 55°    | 102.4  | 102.0  | 101.1  | 100.2  | 99.8   | 99.3   | 99.3   | 99.3   | 101.1  | 102.4  | 102.8  |
| 57.5°  | 93.2   | 91.0   | 89.2   | 89.2   | 87.5   | 87.0   | 87.9   | 88.3   | 89.7   | 90.5   | 91.4   |
| 60°    | 80.4   | 79.6   | 76.9   | 75.6   | 73.0   | 72.5   | 72.5   | 74.3   | 76.5   | 79.6   | 80.4   |
| 62.5°  | 66.8   | 65.5   | 65.0   | 65.0   | 65.0   | 65.0   | 65.0   | 65.0   | 65.0   | 65.5   | 65.5   |
| 65°    | 59.3   | 59.8   | 59.3   | 58.9   | 59.3   | 59.3   | 58.9   | 58.9   | 58.9   | 59.3   | 59.8   |
| 67.5°  | 53.2   | 52.7   | 53.2   | 52.7   | 52.3   | 52.3   | 51.9   | 52.3   | 52.7   | 53.2   | 53.2   |
| 70°    | 46.2   | 46.2   | 45.7   | 46.2   | 45.7   | 45.3   | 44.8   | 44.8   | 45.7   | 46.2   | 46.2   |
| 72.5°  | 39.6   | 39.6   | 39.1   | 39.1   | 38.2   | 38.2   | 38.7   | 38.2   | 38.2   | 39.6   | 39.6   |
| 75°    | 33.0   | 32.5   | 32.1   | 32.1   | 31.6   | 31.6   | 31.6   | 31.2   | 32.1   | 32.1   | 32.5   |
| 77.5°  | 25.9   | 25.9   | 25.9   | 25.5   | 25.5   | 25.1   | 25.1   | 25.5   | 25.5   | 25.5   | 25.9   |
| 80°    | 19.8   | 19.8   | 19.8   | 19.3   | 18.9   | 18.9   | 18.9   | 18.9   | 18.9   | 19.3   | 18.9   |
| 82.5°  | 13.6   | 13.6   | 13.6   | 13.6   | 13.6   | 13.2   | 13.2   | 13.2   | 13.6   | 13.6   | 13.2   |
| 85°    | 8.4    | 7.9    | 8.4    | 8.4    | 7.9    | 8.4    | 7.9    | 7.9    | 7.5    | 7.5    | 7.9    |
| 87.5°  | 3.5    | 3.1    | 2.6    | 2.6    | 3.1    | 2.6    | 2.6    | 2.6    | 3.1    | 2.6    | 2.6    |
| 90°    | 24.7   | 25.1   | 25.1   | 25.1   | 25.1   | 25.1   | 25.1   | 25.1   | 25.1   | 25.1   | 24.7   |
| 92.5°  | 53.9   | 50.9   | 50.1   | 47.1   | 47.8   | 46.3   | 47.8   | 47.1   | 50.1   | 50.9   | 53.9   |
| 95°    | 112.4  | 104.0  | 94.1   | 88.1   | 85.8   | 86.6   | 85.8   | 88.1   | 94.1   | 104.0  | 112.4  |
| 97.5°  | 225.5  | 202.7  | 173.1  | 157.9  | 149.6  | 145.0  | 149.6  | 157.9  | 173.1  | 202.7  | 225.5  |
| 100°   | 449.1  | 403.2  | 340.1  | 307.5  | 285.5  | 271.8  | 285.5  | 307.5  | 340.1  | 403.2  | 449.1  |
| 102.5° | 759.2  | 709.9  | 640.0  | 578.5  | 549.7  | 530.0  | 549.7  | 578.5  | 640.0  | 709.9  | 759.2  |
| 105°   | 1005.6 | 993.1  | 946.0  | 899.0  | 866.3  | 855.7  | 866.3  | 899.0  | 946.0  | 993.1  | 1005.6 |
| 107.5° | 1094.8 | 1110.0 | 1109.3 | 1102.4 | 1092.6 | 1075.1 | 1092.6 | 1102.4 | 1109.3 | 1110.0 | 1094.8 |
| 110°   | 1080.4 | 1111.5 | 1144.2 | 1158.6 | 1165.4 | 1164.7 | 1165.4 | 1158.6 | 1144.2 | 1111.5 | 1080.4 |

TEST NUMBER: P999615

CATALOG NUMBER: SA2XXRDIP-B290D725UB40-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°   | 255°   | 260°   | 265°   | 270°   | 275°   | 280°   | 285°   | 290°   | 292.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 1031.4 | 1068.3 | 1116.9 | 1143.4 | 1157.9 | 1163.2 | 1157.9 | 1143.4 | 1116.9 | 1068.3 | 1031.4 |
| 115°   | 971.5  | 1010.6 | 1064.5 | 1099.4 | 1119.1 | 1126.0 | 1119.1 | 1099.4 | 1064.5 | 1010.6 | 971.5  |
| 117.5° | 914.1  | 951.3  | 1006.8 | 1044.0 | 1064.5 | 1069.8 | 1064.5 | 1044.0 | 1006.8 | 951.3  | 914.1  |
| 120°   | 862.8  | 897.4  | 950.6  | 986.3  | 1008.3 | 1015.9 | 1008.3 | 986.3  | 950.6  | 897.4  | 862.8  |
| 122.5° | 823.0  | 853.4  | 899.7  | 934.6  | 953.6  | 959.7  | 953.6  | 934.6  | 899.7  | 853.4  | 823.0  |
| 125°   | 787.0  | 815.4  | 859.5  | 888.3  | 907.3  | 913.4  | 907.3  | 888.3  | 859.5  | 815.4  | 787.0  |
| 127.5° | 756.2  | 782.8  | 821.5  | 848.8  | 865.5  | 870.1  | 865.5  | 848.8  | 821.5  | 782.8  | 756.2  |
| 130°   | 725.0  | 750.1  | 787.3  | 813.2  | 828.3  | 834.4  | 828.3  | 813.2  | 787.3  | 750.1  | 725.0  |
| 132.5° | 692.8  | 716.0  | 752.4  | 778.2  | 791.9  | 797.2  | 791.9  | 778.2  | 752.4  | 716.0  | 692.8  |
| 135°   | 661.3  | 682.6  | 715.2  | 740.3  | 753.9  | 757.0  | 753.9  | 740.3  | 715.2  | 682.6  | 661.3  |
| 137.5° | 629.4  | 648.4  | 679.5  | 701.5  | 713.7  | 718.2  | 713.7  | 701.5  | 679.5  | 648.4  | 629.4  |
| 140°   | 601.3  | 618.0  | 642.3  | 662.1  | 673.5  | 678.0  | 673.5  | 662.1  | 642.3  | 618.0  | 601.3  |
| 142.5° | 574.4  | 587.7  | 610.4  | 627.9  | 637.8  | 637.8  | 637.8  | 627.9  | 610.4  | 587.7  | 574.4  |
| 145°   | 552.3  | 563.4  | 581.6  | 594.5  | 602.1  | 604.4  | 602.1  | 594.5  | 581.6  | 563.4  | 552.3  |
| 147.5° | 533.0  | 541.3  | 557.3  | 567.9  | 573.2  | 574.8  | 573.2  | 567.9  | 557.3  | 541.3  | 533.0  |
| 150°   | 516.3  | 523.1  | 534.5  | 543.6  | 548.2  | 548.9  | 548.2  | 543.6  | 534.5  | 523.1  | 516.3  |
| 152.5° | 502.2  | 507.9  | 516.3  | 523.9  | 526.9  | 526.9  | 526.9  | 523.9  | 516.3  | 507.9  | 502.2  |
| 155°   | 488.6  | 492.8  | 501.1  | 506.4  | 509.5  | 507.9  | 509.5  | 506.4  | 501.1  | 492.8  | 488.6  |
| 157.5° | 475.7  | 479.1  | 485.2  | 489.7  | 491.2  | 491.2  | 491.2  | 489.7  | 485.2  | 479.1  | 475.7  |
| 160°   | 462.8  | 465.4  | 470.7  | 474.5  | 475.3  | 475.3  | 475.3  | 474.5  | 470.7  | 465.4  | 462.8  |
| 162.5° | 450.6  | 452.5  | 457.8  | 460.1  | 460.9  | 460.1  | 460.9  | 460.1  | 457.8  | 452.5  | 450.6  |
| 165°   | 438.8  | 440.4  | 443.4  | 446.4  | 446.4  | 445.7  | 446.4  | 446.4  | 443.4  | 440.4  | 438.8  |
| 167.5° | 428.2  | 429.7  | 431.3  | 432.8  | 432.8  | 432.0  | 432.8  | 432.8  | 431.3  | 429.7  | 428.2  |
| 170°   | 418.4  | 419.1  | 419.9  | 422.1  | 421.4  | 419.9  | 421.4  | 422.1  | 419.9  | 419.1  | 418.4  |
| 172.5° | 409.6  | 410.0  | 410.8  | 411.5  | 410.8  | 410.0  | 410.8  | 411.5  | 410.8  | 410.0  | 409.6  |
| 175°   | 402.8  | 403.2  | 403.2  | 403.9  | 403.2  | 401.6  | 403.2  | 403.9  | 403.2  | 403.2  | 402.8  |
| 177.5° | 397.8  | 397.8  | 397.8  | 397.8  | 397.1  | 395.6  | 397.1  | 397.8  | 397.8  | 397.8  | 397.8  |
| 180°   | 394.8  | 394.8  | 394.8  | 394.8  | 394.8  | 394.8  | 394.8  | 394.8  | 394.8  | 394.8  | 394.8  |

TEST NUMBER: P999615

CATALOG NUMBER: SA2XXRDIP-B290D725UB40-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 295°   | 300°   | 305°  | 310°  | 315°  | 320°  | 325°  | 330°  | 335°  | 337.5° | 340°  |
|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
| 0°     | 632.5  | 632.5  | 632.5 | 632.5 | 632.5 | 632.5 | 632.5 | 632.5 | 632.5 | 632.5  | 632.5 |
| 2.5°   | 602.6  | 604.8  | 603.9 | 599.1 | 603.9 | 605.2 | 607.9 | 610.5 | 612.3 | 614.9  | 617.1 |
| 5°     | 564.8  | 569.2  | 571.8 | 569.2 | 578.0 | 579.3 | 585.4 | 589.0 | 594.2 | 598.6  | 602.2 |
| 7.5°   | 529.2  | 532.7  | 538.0 | 538.9 | 544.1 | 550.3 | 559.1 | 567.9 | 576.2 | 580.6  | 584.6 |
| 10°    | 491.0  | 497.1  | 505.0 | 503.3 | 511.2 | 520.8 | 530.1 | 544.1 | 551.2 | 559.1  | 566.1 |
| 12.5°  | 452.7  | 456.7  | 467.2 | 470.7 | 482.2 | 489.6 | 502.4 | 511.2 | 528.7 | 538.0  | 544.1 |
| 15°    | 385.9  | 402.2  | 415.4 | 431.2 | 446.1 | 460.2 | 471.6 | 487.4 | 502.8 | 509.9  | 520.0 |
| 17.5°  | 355.6  | 363.0  | 371.0 | 378.9 | 398.2 | 423.3 | 443.5 | 460.6 | 473.8 | 483.0  | 494.9 |
| 20°    | 323.9  | 331.4  | 340.2 | 347.7 | 359.5 | 377.6 | 402.6 | 432.1 | 447.9 | 457.5  | 469.0 |
| 22.5°  | 301.5  | 308.5  | 314.3 | 320.9 | 330.1 | 343.3 | 362.2 | 398.6 | 419.7 | 431.6  | 441.7 |
| 25°    | 277.3  | 286.1  | 292.3 | 297.1 | 304.6 | 319.1 | 334.5 | 355.1 | 392.9 | 402.2  | 416.2 |
| 27.5°  | 260.6  | 263.3  | 270.3 | 277.8 | 285.3 | 293.2 | 309.0 | 326.6 | 352.1 | 372.3  | 389.4 |
| 30°    | 240.9  | 247.5  | 254.0 | 257.1 | 263.7 | 275.1 | 284.8 | 303.7 | 323.5 | 339.3  | 360.0 |
| 32.5°  | 225.9  | 229.9  | 234.3 | 241.7 | 247.9 | 255.8 | 265.5 | 281.3 | 298.0 | 308.1  | 323.9 |
| 35°    | 209.2  | 211.9  | 221.1 | 224.2 | 230.3 | 238.2 | 247.9 | 260.2 | 278.2 | 286.1  | 297.6 |
| 37.5°  | 193.4  | 199.5  | 202.2 | 209.2 | 214.9 | 222.8 | 229.9 | 243.9 | 255.8 | 265.0  | 275.6 |
| 40°    | 181.1  | 183.7  | 188.6 | 194.7 | 199.5 | 205.7 | 214.5 | 224.6 | 237.3 | 244.8  | 254.0 |
| 42.5°  | 166.1  | 168.3  | 174.5 | 178.0 | 185.9 | 191.6 | 196.9 | 209.2 | 220.6 | 226.4  | 235.6 |
| 45°    | 149.9  | 155.2  | 159.1 | 166.1 | 170.5 | 177.6 | 184.2 | 193.0 | 203.5 | 210.1  | 215.4 |
| 47.5°  | 135.8  | 141.1  | 145.0 | 151.6 | 158.7 | 161.7 | 168.8 | 178.0 | 187.7 | 193.0  | 200.4 |
| 50°    | 124.4  | 126.1  | 133.6 | 136.7 | 144.2 | 150.3 | 155.2 | 163.1 | 173.6 | 176.7  | 182.8 |
| 52.5°  | 113.4  | 114.7  | 119.6 | 123.5 | 130.1 | 135.4 | 141.5 | 149.0 | 157.8 | 162.6  | 167.5 |
| 55°    | 103.7  | 104.6  | 106.8 | 111.2 | 115.6 | 122.2 | 127.9 | 134.9 | 142.4 | 147.7  | 152.1 |
| 57.5°  | 92.7   | 94.5   | 96.3  | 98.9  | 103.3 | 109.4 | 115.6 | 122.2 | 128.3 | 131.9  | 137.6 |
| 60°    | 80.0   | 82.6   | 85.7  | 88.8  | 91.9  | 96.3  | 103.3 | 109.4 | 115.2 | 118.2  | 122.6 |
| 62.5°  | 66.4   | 71.6   | 74.3  | 77.8  | 80.4  | 84.4  | 89.7  | 96.7  | 100.7 | 104.6  | 108.1 |
| 65°    | 59.8   | 60.2   | 60.7  | 64.2  | 69.0  | 73.0  | 77.8  | 83.1  | 89.2  | 91.9   | 94.5  |
| 67.5°  | 53.2   | 53.6   | 54.5  | 54.9  | 56.7  | 61.1  | 66.4  | 72.1  | 76.9  | 78.7   | 81.3  |
| 70°    | 46.6   | 46.6   | 48.3  | 48.8  | 49.2  | 49.7  | 54.1  | 59.8  | 64.2  | 66.4   | 69.4  |
| 72.5°  | 39.6   | 40.0   | 40.9  | 41.3  | 42.2  | 43.1  | 44.4  | 47.5  | 52.7  | 54.9   | 58.5  |
| 75°    | 32.5   | 33.0   | 33.4  | 33.8  | 35.2  | 35.6  | 36.9  | 38.7  | 40.9  | 43.5   | 45.7  |
| 77.5°  | 25.9   | 25.9   | 26.4  | 27.3  | 28.1  | 28.6  | 29.9  | 30.8  | 31.6  | 33.0   | 34.7  |
| 80°    | 19.3   | 19.8   | 19.8  | 20.7  | 20.7  | 21.1  | 21.5  | 22.9  | 23.7  | 24.6   | 25.5  |
| 82.5°  | 13.2   | 14.1   | 14.1  | 14.1  | 14.5  | 14.9  | 15.4  | 15.4  | 16.3  | 16.7   | 18.0  |
| 85°    | 7.9    | 8.4    | 8.4   | 8.4   | 7.9   | 8.8   | 8.8   | 9.2   | 9.2   | 9.2    | 9.7   |
| 87.5°  | 3.1    | 2.6    | 3.1   | 3.1   | 3.1   | 3.5   | 3.1   | 3.1   | 3.5   | 4.0    | 4.0   |
| 90°    | 24.3   | 22.8   | 24.3  | 25.1  | 25.8  | 25.1  | 20.5  | 15.2  | 11.4  | 10.2   | 9.1   |
| 92.5°  | 56.9   | 65.3   | 76.7  | 97.9  | 116.9 | 115.4 | 89.6  | 60.7  | 40.2  | 36.0   | 31.9  |
| 95°    | 120.7  | 152.6  | 198.9 | 260.4 | 297.6 | 263.5 | 175.4 | 109.3 | 74.4  | 65.3   | 56.2  |
| 97.5°  | 248.3  | 325.0  | 407.0 | 489.0 | 485.2 | 375.1 | 233.1 | 141.2 | 96.4  | 86.2   | 75.9  |
| 100°   | 495.0  | 599.0  | 693.2 | 709.1 | 599.8 | 413.0 | 249.0 | 156.4 | 116.2 | 105.6  | 94.9  |
| 102.5° | 808.6  | 877.7  | 880.7 | 791.1 | 603.6 | 398.6 | 249.8 | 170.1 | 133.6 | 123.0  | 112.4 |
| 105°   | 1018.2 | 1008.3 | 922.5 | 764.6 | 562.6 | 378.9 | 253.6 | 186.0 | 150.3 | 139.7  | 129.1 |
| 107.5° | 1079.7 | 1005.2 | 877.7 | 708.4 | 524.6 | 368.2 | 261.9 | 202.0 | 167.0 | 156.4  | 145.8 |
| 110°   | 1049.3 | 952.1  | 816.2 | 656.0 | 498.8 | 365.2 | 272.6 | 217.9 | 184.5 | 173.5  | 162.5 |

TEST NUMBER: P999615

CATALOG NUMBER: SA2XXRDIP-B290D725UB40-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 295°  | 300°  | 305°  | 310°  | 315°  | 320°  | 325°  | 330°  | 335°  | 337.5° | 340°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
| 112.5° | 994.6 | 889.1 | 760.0 | 619.5 | 482.1 | 366.0 | 284.0 | 233.1 | 201.2 | 189.8  | 178.4 |
| 115°   | 932.4 | 832.9 | 716.0 | 590.7 | 470.7 | 369.0 | 295.3 | 249.0 | 216.4 | 206.2  | 195.9 |
| 117.5° | 876.9 | 784.3 | 679.5 | 571.0 | 464.7 | 373.6 | 307.5 | 263.5 | 233.1 | 222.4  | 211.8 |
| 120°   | 828.3 | 747.9 | 653.7 | 555.8 | 459.3 | 378.1 | 319.6 | 278.6 | 249.0 | 238.4  | 227.8 |
| 122.5° | 792.7 | 717.5 | 633.2 | 542.9 | 456.3 | 383.4 | 330.3 | 293.1 | 265.7 | 254.7  | 243.7 |
| 125°   | 758.5 | 691.7 | 613.5 | 530.7 | 452.5 | 388.7 | 341.7 | 307.5 | 280.2 | 269.5  | 258.9 |
| 127.5° | 729.6 | 665.9 | 593.7 | 519.3 | 450.2 | 394.1 | 352.3 | 321.2 | 294.6 | 283.6  | 272.6 |
| 130°   | 700.0 | 640.0 | 574.8 | 507.9 | 448.7 | 400.1 | 362.2 | 333.3 | 306.7 | 296.1  | 285.5 |
| 132.5° | 669.7 | 615.8 | 556.5 | 498.8 | 448.0 | 406.2 | 372.0 | 343.9 | 318.9 | 308.2  | 297.6 |
| 135°   | 640.0 | 589.9 | 539.8 | 490.5 | 447.2 | 410.8 | 380.4 | 353.8 | 329.5 | 318.9  | 308.3 |
| 137.5° | 610.4 | 569.4 | 526.2 | 484.4 | 447.2 | 415.3 | 387.2 | 362.2 | 337.9 | 328.0  | 318.1 |
| 140°   | 584.6 | 549.7 | 513.3 | 479.1 | 446.4 | 418.3 | 392.5 | 369.0 | 346.2 | 336.4  | 326.5 |
| 142.5° | 561.1 | 532.2 | 502.6 | 473.8 | 446.4 | 420.6 | 397.1 | 374.3 | 352.3 | 343.2  | 334.1 |
| 145°   | 541.3 | 517.8 | 492.8 | 469.2 | 444.9 | 422.1 | 400.9 | 379.6 | 359.1 | 350.8  | 342.4 |
| 147.5° | 524.6 | 505.7 | 485.2 | 464.7 | 442.6 | 422.9 | 403.2 | 384.2 | 364.4 | 356.8  | 349.3 |
| 150°   | 509.5 | 493.5 | 476.8 | 458.6 | 440.4 | 422.1 | 404.7 | 387.2 | 369.8 | 363.0  | 356.1 |
| 152.5° | 496.5 | 483.6 | 468.5 | 453.3 | 436.6 | 420.6 | 405.4 | 390.3 | 375.1 | 369.0  | 362.9 |
| 155°   | 484.4 | 473.0 | 460.9 | 446.4 | 432.0 | 419.1 | 406.2 | 393.3 | 380.4 | 374.7  | 369.0 |
| 157.5° | 472.3 | 462.4 | 451.8 | 440.4 | 427.5 | 416.1 | 406.2 | 395.6 | 384.2 | 379.2  | 374.3 |
| 160°   | 460.1 | 451.8 | 443.4 | 433.5 | 422.9 | 413.8 | 406.2 | 397.1 | 388.0 | 383.8  | 379.6 |
| 162.5° | 448.7 | 441.9 | 435.0 | 427.5 | 419.1 | 411.5 | 405.4 | 397.8 | 390.3 | 387.2  | 384.2 |
| 165°   | 437.3 | 432.0 | 426.7 | 420.6 | 413.8 | 408.5 | 403.9 | 398.6 | 391.8 | 389.5  | 387.2 |
| 167.5° | 426.7 | 422.9 | 418.3 | 413.8 | 409.2 | 405.4 | 403.2 | 398.6 | 393.3 | 391.8  | 390.3 |
| 170°   | 417.6 | 414.5 | 412.3 | 408.5 | 405.4 | 403.2 | 401.6 | 397.8 | 394.1 | 393.0  | 391.8 |
| 172.5° | 409.2 | 407.0 | 405.4 | 403.2 | 400.9 | 400.1 | 399.4 | 397.1 | 394.8 | 394.0  | 393.3 |
| 175°   | 402.4 | 401.6 | 400.9 | 398.6 | 397.8 | 397.1 | 397.8 | 396.3 | 394.8 | 394.5  | 394.1 |
| 177.5° | 397.8 | 397.1 | 397.1 | 395.6 | 394.8 | 395.6 | 397.1 | 395.6 | 394.8 | 394.8  | 394.8 |
| 180°   | 394.8 | 394.8 | 394.8 | 394.8 | 394.8 | 394.8 | 394.8 | 394.8 | 394.8 | 394.8  | 394.8 |

TEST NUMBER: P999615

CATALOG NUMBER: SA2XXRDIP-B290D725UB40-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 345°  | 350°  | 355°  | 360°  |
|--------|-------|-------|-------|-------|
| 0°     | 632.5 | 632.5 | 632.5 | 632.5 |
| 2.5°   | 621.1 | 619.7 | 627.6 | 636.4 |
| 5°     | 608.3 | 610.5 | 620.6 | 632.9 |
| 7.5°   | 595.1 | 600.0 | 611.8 | 628.1 |
| 10°    | 576.7 | 585.4 | 603.5 | 620.2 |
| 12.5°  | 558.6 | 570.5 | 587.6 | 607.4 |
| 15°    | 538.4 | 551.6 | 572.7 | 596.4 |
| 17.5°  | 516.0 | 530.9 | 555.6 | 581.5 |
| 20°    | 492.3 | 512.0 | 538.0 | 566.1 |
| 22.5°  | 465.9 | 489.6 | 516.4 | 547.6 |
| 25°    | 440.4 | 466.3 | 493.1 | 529.2 |
| 27.5°  | 415.4 | 440.8 | 470.7 | 507.2 |
| 30°    | 390.3 | 413.6 | 445.7 | 484.8 |
| 32.5°  | 363.5 | 387.7 | 421.5 | 461.5 |
| 35°    | 338.9 | 363.0 | 394.7 | 434.3 |
| 37.5°  | 312.5 | 338.4 | 368.8 | 409.6 |
| 40°    | 281.7 | 312.1 | 341.5 | 380.6 |
| 42.5°  | 256.2 | 288.3 | 316.9 | 353.8 |
| 45°    | 236.0 | 266.4 | 290.1 | 326.1 |
| 47.5°  | 217.1 | 241.7 | 265.9 | 299.3 |
| 50°    | 199.1 | 218.0 | 243.1 | 272.9 |
| 52.5°  | 180.6 | 196.9 | 218.4 | 246.6 |
| 55°    | 163.9 | 179.3 | 198.7 | 220.2 |
| 57.5°  | 148.6 | 159.5 | 178.9 | 198.2 |
| 60°    | 131.4 | 142.8 | 157.8 | 174.1 |
| 62.5°  | 116.9 | 125.7 | 139.8 | 153.4 |
| 65°    | 101.5 | 109.9 | 120.4 | 133.2 |
| 67.5°  | 87.5  | 94.9  | 103.3 | 113.4 |
| 70°    | 74.7  | 80.4  | 86.6  | 95.4  |
| 72.5°  | 61.1  | 67.2  | 73.0  | 80.0  |
| 75°    | 50.1  | 52.7  | 57.6  | 62.4  |
| 77.5°  | 38.7  | 42.2  | 44.8  | 48.8  |
| 80°    | 27.7  | 30.8  | 31.6  | 34.7  |
| 82.5°  | 18.5  | 20.2  | 22.0  | 22.9  |
| 85°    | 10.5  | 11.4  | 13.2  | 13.6  |
| 87.5°  | 4.0   | 4.4   | 5.3   | 6.2   |
| 90°    | 7.6   | 6.1   | 3.0   | 0.8   |
| 92.5°  | 25.8  | 22.0  | 15.9  | 11.4  |
| 95°    | 44.0  | 37.2  | 29.6  | 26.6  |
| 97.5°  | 62.3  | 52.4  | 44.0  | 39.5  |
| 100°   | 79.7  | 67.6  | 60.7  | 58.5  |
| 102.5° | 96.4  | 84.3  | 77.4  | 75.9  |
| 105°   | 112.4 | 101.0 | 95.7  | 92.6  |
| 107.5° | 129.1 | 118.4 | 113.1 | 110.9 |
| 110°   | 146.5 | 136.7 | 132.1 | 129.1 |

TEST NUMBER: P999615

CATALOG NUMBER: SA2XXRDIP-B290D725UB40-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 345°  | 350°  | 355°  | 360°  |
|--------|-------|-------|-------|-------|
| 112.5° | 163.2 | 154.1 | 148.8 | 145.8 |
| 115°   | 180.7 | 171.6 | 167.0 | 163.2 |
| 117.5° | 197.4 | 189.1 | 184.5 | 181.5 |
| 120°   | 212.6 | 205.8 | 201.2 | 198.2 |
| 122.5° | 228.5 | 220.9 | 216.4 | 214.1 |
| 125°   | 243.7 | 234.6 | 230.1 | 227.8 |
| 127.5° | 258.1 | 248.3 | 242.2 | 239.2 |
| 130°   | 270.3 | 259.7 | 252.1 | 249.0 |
| 132.5° | 281.7 | 270.3 | 261.9 | 258.1 |
| 135°   | 290.8 | 279.4 | 270.3 | 267.3 |
| 137.5° | 300.7 | 288.5 | 279.4 | 275.6 |
| 140°   | 309.8 | 297.6 | 288.5 | 285.5 |
| 142.5° | 318.1 | 306.0 | 297.6 | 295.3 |
| 145°   | 327.2 | 315.8 | 308.3 | 305.2 |
| 147.5° | 336.3 | 325.7 | 318.1 | 315.8 |
| 150°   | 344.7 | 334.8 | 328.8 | 326.5 |
| 152.5° | 352.3 | 343.9 | 337.9 | 337.1 |
| 155°   | 360.6 | 352.3 | 347.7 | 347.0 |
| 157.5° | 367.5 | 359.9 | 356.1 | 355.3 |
| 160°   | 373.6 | 367.5 | 364.4 | 363.7 |
| 162.5° | 378.9 | 374.3 | 371.3 | 372.0 |
| 165°   | 383.4 | 378.9 | 377.3 | 378.1 |
| 167.5° | 387.2 | 384.2 | 382.7 | 383.4 |
| 170°   | 390.3 | 388.0 | 387.2 | 388.7 |
| 172.5° | 392.5 | 390.3 | 391.0 | 391.8 |
| 175°   | 394.1 | 392.5 | 393.3 | 394.1 |
| 177.5° | 394.8 | 393.3 | 394.1 | 395.6 |
| 180°   | 394.8 | 394.8 | 394.8 | 394.8 |

(END OF REPORT)