

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: P999574

Luminaire Tested: SA2XXRDIP-B290D530UB40-4F0-XX-W2A-A1

Issue Date: 5/6/2025

**Test Information**

Test Method: LM-79-2019  
Report Number: P999574  
REPORT IS A COMBINATION OF REPORTS P988127 AND P1007351  
Test Lab: INNOVATION CENTER  
Issue Date: 5/6/2025  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: NEO-RAY  
Catalog Number: SA2XXRDIP-B290D530UB40-4F0-XX-W2A-A1  
Description: Define 2 Regressed Direct/Indirect Pendant with 4000K BioUP LEDs {m-DER=0.865}  
{m-EER=0.951}  
Light Source: -  
Ballast/Driver: -

**Summary**

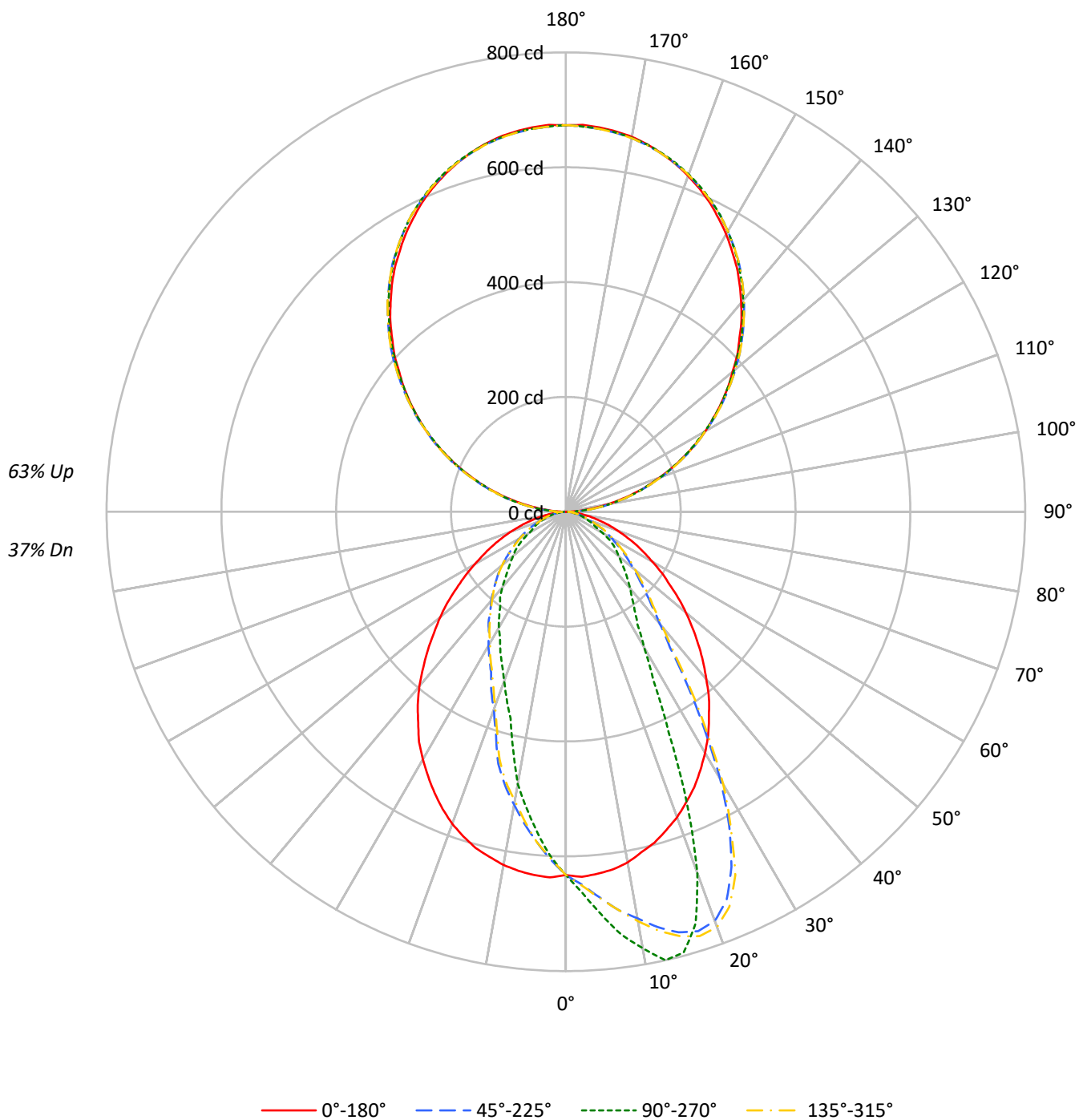
Lumens per Lamp: N/A  
Luminaire Lumens: 2977.0 lumens  
Efficiency: N/A  
Efficacy: 104.8 lumens/watt  
Spacing Criteria (0/90/45): 1.16 / 0.85 / 1.01  
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 4' x H: 0.1')  
CIE Type: Semi-Indirect

Input Watts (W): 28.4  
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: P999574

CATALOG NUMBER: SA2XXRDIP-B290D530UB40-4F0-XX-W2A-A1

### Luminous Intensity Polar Plot



TEST NUMBER: P999574

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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   | 104 | 104 | 104 | 104 | 94 | 94 | 94 | 94 | 76 | 76 | 76 | 59 | 59 | 59 | 44 | 44 | 44 |
| 1   | 95  | 91  | 88  | 84  | 86 | 83 | 80 | 77 | 67 | 65 | 63 | 53 | 52 | 50 | 40 | 39 | 38 |
| 2   | 87  | 80  | 75  | 70  | 79 | 73 | 68 | 64 | 60 | 56 | 53 | 47 | 45 | 43 | 36 | 34 | 33 |
| 3   | 80  | 71  | 64  | 59  | 72 | 65 | 59 | 54 | 53 | 49 | 46 | 42 | 39 | 37 | 32 | 30 | 29 |
| 4   | 73  | 63  | 56  | 50  | 67 | 58 | 52 | 47 | 48 | 43 | 39 | 38 | 35 | 32 | 29 | 27 | 25 |
| 5   | 68  | 57  | 49  | 44  | 61 | 52 | 45 | 40 | 43 | 38 | 34 | 34 | 31 | 28 | 27 | 24 | 23 |
| 6   | 62  | 51  | 44  | 38  | 57 | 47 | 40 | 35 | 39 | 34 | 30 | 31 | 28 | 25 | 24 | 22 | 20 |
| 7   | 58  | 46  | 39  | 34  | 53 | 43 | 36 | 31 | 35 | 31 | 27 | 29 | 25 | 23 | 22 | 20 | 18 |
| 8   | 54  | 42  | 35  | 30  | 49 | 39 | 32 | 28 | 32 | 28 | 24 | 26 | 23 | 20 | 21 | 18 | 17 |
| 9   | 50  | 39  | 32  | 27  | 46 | 36 | 29 | 25 | 30 | 25 | 22 | 24 | 21 | 18 | 19 | 17 | 15 |
| 10  | 47  | 35  | 29  | 24  | 43 | 33 | 27 | 23 | 28 | 23 | 20 | 23 | 19 | 17 | 18 | 16 | 14 |

**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

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 60.0   | 2.0       |
| 10°-20°   | 167.5  | 5.6       |
| 20°-30°   | 215.5  | 7.2       |
| 30°-40°   | 204.5  | 6.9       |
| 40°-50°   | 175.2  | 5.9       |
| 50°-60°   | 133.4  | 4.5       |
| 60°-70°   | 84.2   | 2.8       |
| 70°-80°   | 42.0   | 1.4       |
| 80°-90°   | 12.7   | 0.4       |
| 90°-100°  | 41.6   | 1.4       |
| 100°-110° | 132.4  | 4.4       |
| 110°-120° | 226.5  | 7.6       |
| 120°-130° | 297.9  | 10.0      |
| 130°-140° | 334.4  | 11.2      |
| 140°-150° | 327.9  | 11.0      |
| 150°-160° | 275.1  | 9.2       |
| 160°-170° | 182.4  | 6.1       |
| 170°-180° | 63.8   | 2.1       |
| 0°-30°    | 443.0  | 14.9      |
| 0°-40°    | 647.4  | 21.7      |
| 0°-60°    | 956.1  | 32.1      |
| 0°-90°    | 1094.9 | 36.8      |
| 90°-120°  | 400.5  | 13.5      |
| 90°-150°  | 1360.8 | 45.7      |
| 90°-180°  | 1882.0 | 63.2      |
| 0°-180°   | 2977.0 | 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   | 19  | 1    | 19   | 1    | 3    |
| 95°  | 30  | 35  | 30   | 35   | 30   | 33   |
| 105° | 122 | 126 | 122  | 126  | 122  | 129  |
| 115° | 227 | 227 | 227  | 227  | 227  | 225  |
| 125° | 331 | 332 | 331  | 332  | 331  | 295  |
| 135° | 428 | 433 | 428  | 433  | 428  | 331  |
| 145° | 519 | 525 | 519  | 525  | 519  | 324  |
| 155° | 594 | 598 | 594  | 598  | 594  | 273  |
| 165° | 646 | 646 | 646  | 646  | 646  | 182  |
| 175° | 672 | 670 | 672  | 670  | 672  | 64   |
| 180° | 673 | 673 | 673  | 673  | 673  |      |

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**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°    | 0.6   | 2.1   | 3.6   | 5.1   | 6.6   | 7.4   | 8.8   | 11.6  | 14.3  | 17.1  | 19.9  |
| 92.5°  | 12.5  | 13.5  | 14.5  | 15.5  | 16.5  | 17.0  | 17.1  | 17.2  | 17.3  | 17.5  | 17.6  |
| 95°    | 29.5  | 30.8  | 32.0  | 33.3  | 34.6  | 35.2  | 35.3  | 35.6  | 35.9  | 36.1  | 36.4  |
| 97.5°  | 49.4  | 50.5  | 51.7  | 52.8  | 53.9  | 54.5  | 54.8  | 55.3  | 55.8  | 56.3  | 56.8  |
| 100°   | 72.1  | 73.1  | 74.1  | 75.2  | 76.2  | 76.7  | 76.9  | 77.3  | 77.6  | 78.0  | 78.4  |
| 102.5° | 96.0  | 96.8  | 97.5  | 98.3  | 99.0  | 99.4  | 99.7  | 100.2 | 100.7 | 101.2 | 101.7 |
| 105°   | 122.1 | 122.5 | 122.9 | 123.2 | 123.6 | 123.8 | 123.9 | 124.2 | 124.5 | 124.7 | 125.0 |
| 107.5° | 148.3 | 148.8 | 149.3 | 149.8 | 150.3 | 150.5 | 150.5 | 150.5 | 150.5 | 150.5 | 150.5 |
| 110°   | 173.3 | 174.1 | 174.8 | 175.6 | 176.3 | 176.7 | 176.7 | 176.7 | 176.7 | 176.7 | 176.7 |

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**CANDELA DISTRIBUTION (continued):**

|        | 0°    | 5°    | 10°   | 15°   | 20°   | 22.5° | 25°   | 30°   | 35°   | 40°   | 45°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 200.5 | 201.3 | 202.0 | 202.8 | 203.5 | 203.9 | 203.8 | 203.7 | 203.6 | 203.5 | 203.4 |
| 115°   | 227.2 | 228.0 | 228.7 | 229.5 | 230.2 | 230.6 | 230.5 | 230.2 | 230.0 | 229.7 | 229.5 |
| 117.5° | 253.9 | 254.9 | 255.9 | 257.0 | 258.0 | 258.5 | 258.2 | 257.5 | 256.9 | 256.2 | 255.6 |
| 120°   | 280.6 | 281.6 | 282.6 | 283.7 | 284.7 | 285.2 | 284.7 | 283.7 | 282.6 | 281.6 | 280.6 |
| 122.5° | 305.1 | 306.3 | 307.6 | 308.8 | 310.1 | 310.7 | 310.4 | 309.8 | 309.1 | 308.5 | 307.9 |
| 125°   | 330.6 | 331.7 | 332.9 | 334.0 | 335.1 | 335.7 | 335.5 | 335.1 | 334.8 | 334.4 | 334.0 |
| 127.5° | 355.6 | 357.0 | 358.4 | 359.8 | 361.2 | 361.9 | 361.6 | 361.1 | 360.6 | 360.1 | 359.6 |
| 130°   | 378.9 | 380.5 | 382.2 | 383.8 | 385.5 | 386.3 | 386.2 | 385.9 | 385.7 | 385.4 | 385.2 |
| 132.5° | 405.0 | 406.3 | 407.5 | 408.8 | 410.1 | 410.7 | 410.8 | 410.9 | 411.0 | 411.2 | 411.3 |
| 135°   | 427.8 | 429.2 | 430.6 | 431.9 | 433.3 | 434.0 | 434.1 | 434.4 | 434.7 | 434.9 | 435.2 |
| 137.5° | 452.8 | 453.9 | 455.1 | 456.2 | 457.3 | 457.9 | 458.0 | 458.3 | 458.5 | 458.8 | 459.0 |
| 140°   | 474.9 | 476.0 | 477.2 | 478.3 | 479.4 | 480.0 | 480.3 | 481.0 | 481.6 | 482.3 | 482.9 |
| 142.5° | 497.6 | 498.8 | 499.9 | 501.1 | 502.2 | 502.8 | 503.0 | 503.4 | 503.7 | 504.1 | 504.5 |
| 145°   | 519.2 | 520.1 | 521.0 | 521.9 | 522.8 | 523.2 | 523.6 | 524.3 | 525.1 | 525.8 | 526.6 |
| 147.5° | 538.5 | 539.7 | 540.8 | 542.0 | 543.1 | 543.7 | 543.9 | 544.4 | 544.9 | 545.4 | 545.9 |
| 150°   | 558.4 | 559.2 | 559.9 | 560.7 | 561.4 | 561.8 | 562.1 | 562.6 | 563.1 | 563.6 | 564.1 |
| 152.5° | 576.0 | 576.8 | 577.5 | 578.3 | 579.0 | 579.4 | 579.7 | 580.4 | 581.0 | 581.7 | 582.3 |
| 155°   | 593.6 | 594.0 | 594.4 | 594.8 | 595.2 | 595.4 | 595.6 | 596.0 | 596.3 | 596.7 | 597.1 |
| 157.5° | 609.0 | 609.2 | 609.5 | 609.7 | 610.0 | 610.1 | 610.2 | 610.5 | 610.8 | 611.0 | 611.3 |
| 160°   | 622.6 | 622.9 | 623.1 | 623.4 | 623.7 | 623.8 | 623.9 | 624.0 | 624.1 | 624.2 | 624.3 |
| 162.5° | 635.1 | 635.1 | 635.1 | 635.1 | 635.1 | 635.1 | 635.2 | 635.3 | 635.4 | 635.6 | 635.7 |
| 165°   | 645.9 | 645.8 | 645.6 | 645.5 | 645.4 | 645.3 | 645.3 | 645.3 | 645.3 | 645.3 | 645.3 |
| 167.5° | 655.6 | 655.2 | 654.8 | 654.5 | 654.1 | 653.9 | 653.9 | 653.9 | 653.9 | 653.9 | 653.9 |
| 170°   | 663.0 | 662.6 | 662.2 | 661.9 | 661.5 | 661.3 | 661.2 | 661.1 | 661.0 | 660.8 | 660.7 |
| 172.5° | 668.1 | 667.7 | 667.3 | 667.0 | 666.6 | 666.4 | 666.3 | 666.2 | 666.1 | 665.9 | 665.8 |
| 175°   | 672.0 | 671.6 | 671.2 | 670.9 | 670.5 | 670.3 | 670.2 | 669.9 | 669.7 | 669.4 | 669.2 |
| 177.5° | 674.3 | 673.9 | 673.5 | 673.2 | 672.8 | 672.6 | 672.5 | 672.2 | 672.0 | 671.7 | 671.5 |
| 180°   | 673.2 | 673.2 | 673.2 | 673.2 | 673.2 | 673.2 | 673.2 | 673.2 | 673.2 | 673.2 | 673.2 |

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**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°    | 19.6  | 19.4  | 19.1  | 18.8  | 18.7  | 18.8  | 18.9  | 19.0  | 19.2  | 19.3  | 19.2  |
| 92.5°  | 17.7  | 17.9  | 18.0  | 18.1  | 18.2  | 18.2  | 18.2  | 18.2  | 18.2  | 18.2  | 18.2  |
| 95°    | 36.4  | 36.4  | 36.4  | 36.4  | 36.4  | 36.3  | 36.0  | 35.7  | 35.5  | 35.2  | 35.5  |
| 97.5°  | 56.8  | 56.8  | 56.8  | 56.8  | 56.8  | 56.8  | 56.8  | 56.8  | 56.8  | 56.8  | 56.8  |
| 100°   | 78.4  | 78.4  | 78.4  | 78.4  | 78.4  | 78.3  | 78.2  | 78.1  | 77.9  | 77.8  | 77.9  |
| 102.5° | 101.8 | 102.0 | 102.1 | 102.2 | 102.3 | 102.2 | 102.1 | 102.0 | 101.8 | 101.7 | 101.8 |
| 105°   | 125.2 | 125.5 | 125.7 | 126.0 | 126.1 | 126.1 | 126.1 | 126.1 | 126.1 | 126.1 | 126.1 |
| 107.5° | 150.6 | 150.8 | 150.9 | 151.0 | 151.1 | 150.8 | 150.2 | 149.5 | 148.9 | 148.3 | 148.9 |
| 110°   | 176.7 | 176.7 | 176.7 | 176.7 | 176.7 | 176.5 | 176.1 | 175.8 | 175.4 | 175.0 | 175.4 |

TEST NUMBER: P999574

CATALOG NUMBER: SA2XXRDIP-B290D530UB40-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (continued):**

|        | 50°   | 55°   | 60°   | 65°   | 67.5° | 70°   | 75°   | 80°   | 85°   | 90°   | 95°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 203.0 | 202.6 | 202.3 | 201.9 | 201.7 | 201.6 | 201.3 | 201.0 | 200.8 | 200.5 | 200.8 |
| 115°   | 229.4 | 229.2 | 229.1 | 229.0 | 228.9 | 228.7 | 228.3 | 228.0 | 227.6 | 227.2 | 227.6 |
| 117.5° | 255.2 | 254.8 | 254.5 | 254.1 | 253.9 | 253.7 | 253.3 | 253.0 | 252.6 | 252.2 | 252.6 |
| 120°   | 280.6 | 280.6 | 280.6 | 280.6 | 280.6 | 280.4 | 280.0 | 279.7 | 279.3 | 278.9 | 279.3 |
| 122.5° | 307.5 | 307.1 | 306.8 | 306.4 | 306.2 | 306.1 | 305.8 | 305.6 | 305.3 | 305.1 | 305.3 |
| 125°   | 333.6 | 333.2 | 332.9 | 332.5 | 332.3 | 332.2 | 332.1 | 332.0 | 331.9 | 331.8 | 331.9 |
| 127.5° | 359.1 | 358.6 | 358.1 | 357.6 | 357.3 | 357.1 | 356.7 | 356.4 | 356.0 | 355.6 | 356.0 |
| 130°   | 384.9 | 384.7 | 384.4 | 384.1 | 384.0 | 383.8 | 383.3 | 382.8 | 382.3 | 381.8 | 382.3 |
| 132.5° | 410.7 | 410.1 | 409.4 | 408.8 | 408.5 | 408.3 | 407.9 | 407.5 | 407.1 | 406.7 | 407.1 |
| 135°   | 435.1 | 434.9 | 434.8 | 434.7 | 434.6 | 434.4 | 434.0 | 433.7 | 433.3 | 432.9 | 433.3 |
| 137.5° | 458.9 | 458.7 | 458.6 | 458.5 | 458.4 | 458.2 | 457.7 | 457.2 | 456.7 | 456.2 | 456.7 |
| 140°   | 482.9 | 482.9 | 482.9 | 482.9 | 482.9 | 482.6 | 482.1 | 481.6 | 481.1 | 480.6 | 481.1 |
| 142.5° | 504.6 | 504.7 | 504.8 | 504.9 | 505.0 | 504.8 | 504.3 | 503.8 | 503.3 | 502.8 | 503.3 |
| 145°   | 526.7 | 526.9 | 527.0 | 527.1 | 527.2 | 526.9 | 526.4 | 525.9 | 525.4 | 524.9 | 525.4 |
| 147.5° | 546.2 | 546.4 | 546.7 | 547.0 | 547.1 | 546.8 | 546.3 | 545.8 | 545.3 | 544.8 | 545.3 |
| 150°   | 564.5 | 564.9 | 565.2 | 565.6 | 565.8 | 565.6 | 565.2 | 564.9 | 564.5 | 564.1 | 564.5 |
| 152.5° | 582.8 | 583.3 | 583.8 | 584.3 | 584.6 | 584.3 | 583.8 | 583.3 | 582.8 | 582.3 | 582.8 |
| 155°   | 597.7 | 598.3 | 599.0 | 599.6 | 599.9 | 599.7 | 599.3 | 599.0 | 598.6 | 598.2 | 598.6 |
| 157.5° | 612.2 | 613.0 | 613.9 | 614.8 | 615.2 | 614.9 | 614.3 | 613.6 | 613.0 | 612.4 | 613.0 |
| 160°   | 625.1 | 625.8 | 626.6 | 627.3 | 627.7 | 627.5 | 627.0 | 626.5 | 626.0 | 625.5 | 626.0 |
| 162.5° | 636.6 | 637.5 | 638.4 | 639.3 | 639.7 | 639.4 | 638.7 | 638.1 | 637.4 | 636.8 | 637.4 |
| 165°   | 646.2 | 647.1 | 648.0 | 648.9 | 649.3 | 649.0 | 648.4 | 647.7 | 647.1 | 646.5 | 647.1 |
| 167.5° | 654.8 | 655.6 | 656.5 | 657.4 | 657.8 | 657.5 | 656.9 | 656.2 | 655.6 | 655.0 | 655.6 |
| 170°   | 661.6 | 662.5 | 663.4 | 664.3 | 664.7 | 664.3 | 663.6 | 662.8 | 662.1 | 661.3 | 662.1 |
| 172.5° | 666.7 | 667.6 | 668.5 | 669.4 | 669.8 | 669.4 | 668.7 | 667.9 | 667.2 | 666.4 | 667.2 |
| 175°   | 670.1 | 671.0 | 671.9 | 672.8 | 673.2 | 672.8 | 672.1 | 671.3 | 670.6 | 669.8 | 670.6 |
| 177.5° | 672.3 | 673.0 | 673.8 | 674.5 | 674.9 | 674.5 | 673.8 | 673.0 | 672.3 | 671.5 | 672.3 |
| 180°   | 673.2 | 673.2 | 673.2 | 673.2 | 673.2 | 673.2 | 673.2 | 673.2 | 673.2 | 673.2 | 673.2 |

TEST NUMBER: P999574

CATALOG NUMBER: SA2XXRDIP-B290D530UB40-4F0-XX-W2A-A1

**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°    | 19.0  | 18.9  | 18.8  | 18.7   | 18.8  | 19.1  | 19.4  | 19.6  | 19.9  | 17.1  | 14.3  |
| 92.5°  | 18.2  | 18.2  | 18.2  | 18.2   | 18.1  | 18.0  | 17.9  | 17.7  | 17.6  | 17.5  | 17.3  |
| 95°    | 35.7  | 36.0  | 36.3  | 36.4   | 36.4  | 36.4  | 36.4  | 36.4  | 36.4  | 36.1  | 35.9  |
| 97.5°  | 56.8  | 56.8  | 56.8  | 56.8   | 56.8  | 56.8  | 56.8  | 56.8  | 56.8  | 56.3  | 55.8  |
| 100°   | 78.1  | 78.2  | 78.3  | 78.4   | 78.4  | 78.4  | 78.4  | 78.4  | 78.4  | 78.0  | 77.6  |
| 102.5° | 102.0 | 102.1 | 102.2 | 102.3  | 102.2 | 102.1 | 102.0 | 101.8 | 101.7 | 101.2 | 100.7 |
| 105°   | 126.1 | 126.1 | 126.1 | 126.1  | 126.0 | 125.7 | 125.5 | 125.2 | 125.0 | 124.7 | 124.5 |
| 107.5° | 149.5 | 150.2 | 150.8 | 151.1  | 151.0 | 150.9 | 150.8 | 150.6 | 150.5 | 150.5 | 150.5 |
| 110°   | 175.8 | 176.1 | 176.5 | 176.7  | 176.7 | 176.7 | 176.7 | 176.7 | 176.7 | 176.7 | 176.7 |

TEST NUMBER: P999574

CATALOG NUMBER: SA2XXRDIP-B290D530UB40-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (continued):**

|        | 100°  | 105°  | 110°  | 112.5° | 115°  | 120°  | 125°  | 130°  | 135°  | 140°  | 145°  |
|--------|-------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 201.0 | 201.3 | 201.6 | 201.7  | 201.9 | 202.3 | 202.6 | 203.0 | 203.4 | 203.5 | 203.6 |
| 115°   | 228.0 | 228.3 | 228.7 | 228.9  | 229.0 | 229.1 | 229.2 | 229.4 | 229.5 | 229.7 | 230.0 |
| 117.5° | 253.0 | 253.3 | 253.7 | 253.9  | 254.1 | 254.5 | 254.8 | 255.2 | 255.6 | 256.2 | 256.9 |
| 120°   | 279.7 | 280.0 | 280.4 | 280.6  | 280.6 | 280.6 | 280.6 | 280.6 | 280.6 | 281.6 | 282.6 |
| 122.5° | 305.6 | 305.8 | 306.1 | 306.2  | 306.4 | 306.8 | 307.1 | 307.5 | 307.9 | 308.5 | 309.1 |
| 125°   | 332.0 | 332.1 | 332.2 | 332.3  | 332.5 | 332.9 | 333.2 | 333.6 | 334.0 | 334.4 | 334.8 |
| 127.5° | 356.4 | 356.7 | 357.1 | 357.3  | 357.6 | 358.1 | 358.6 | 359.1 | 359.6 | 360.1 | 360.6 |
| 130°   | 382.8 | 383.3 | 383.8 | 384.0  | 384.1 | 384.4 | 384.7 | 384.9 | 385.2 | 385.4 | 385.7 |
| 132.5° | 407.5 | 407.9 | 408.3 | 408.5  | 408.8 | 409.4 | 410.1 | 410.7 | 411.3 | 411.2 | 411.0 |
| 135°   | 433.7 | 434.0 | 434.4 | 434.6  | 434.7 | 434.8 | 434.9 | 435.1 | 435.2 | 434.9 | 434.7 |
| 137.5° | 457.2 | 457.7 | 458.2 | 458.4  | 458.5 | 458.6 | 458.7 | 458.9 | 459.0 | 458.8 | 458.5 |
| 140°   | 481.6 | 482.1 | 482.6 | 482.9  | 482.9 | 482.9 | 482.9 | 482.9 | 482.9 | 482.3 | 481.6 |
| 142.5° | 503.8 | 504.3 | 504.8 | 505.0  | 504.9 | 504.8 | 504.7 | 504.6 | 504.5 | 504.1 | 503.7 |
| 145°   | 525.9 | 526.4 | 526.9 | 527.2  | 527.1 | 527.0 | 526.9 | 526.7 | 526.6 | 525.8 | 525.1 |
| 147.5° | 545.8 | 546.3 | 546.8 | 547.1  | 547.0 | 546.7 | 546.4 | 546.2 | 545.9 | 545.4 | 544.9 |
| 150°   | 564.9 | 565.2 | 565.6 | 565.8  | 565.6 | 565.2 | 564.9 | 564.5 | 564.1 | 563.6 | 563.1 |
| 152.5° | 583.3 | 583.8 | 584.3 | 584.6  | 584.3 | 583.8 | 583.3 | 582.8 | 582.3 | 581.7 | 581.0 |
| 155°   | 599.0 | 599.3 | 599.7 | 599.9  | 599.6 | 599.0 | 598.3 | 597.7 | 597.1 | 596.7 | 596.3 |
| 157.5° | 613.6 | 614.3 | 614.9 | 615.2  | 614.8 | 613.9 | 613.0 | 612.2 | 611.3 | 611.0 | 610.8 |
| 160°   | 626.5 | 627.0 | 627.5 | 627.7  | 627.3 | 626.6 | 625.8 | 625.1 | 624.3 | 624.2 | 624.1 |
| 162.5° | 638.1 | 638.7 | 639.4 | 639.7  | 639.3 | 638.4 | 637.5 | 636.6 | 635.7 | 635.6 | 635.4 |
| 165°   | 647.7 | 648.4 | 649.0 | 649.3  | 648.9 | 648.0 | 647.1 | 646.2 | 645.3 | 645.3 | 645.3 |
| 167.5° | 656.2 | 656.9 | 657.5 | 657.8  | 657.4 | 656.5 | 655.6 | 654.8 | 653.9 | 653.9 | 653.9 |
| 170°   | 662.8 | 663.6 | 664.3 | 664.7  | 664.3 | 663.4 | 662.5 | 661.6 | 660.7 | 660.8 | 661.0 |
| 172.5° | 667.9 | 668.7 | 669.4 | 669.8  | 669.4 | 668.5 | 667.6 | 666.7 | 665.8 | 665.9 | 666.1 |
| 175°   | 671.3 | 672.1 | 672.8 | 673.2  | 672.8 | 671.9 | 671.0 | 670.1 | 669.2 | 669.4 | 669.7 |
| 177.5° | 673.0 | 673.8 | 674.5 | 674.9  | 674.5 | 673.8 | 673.0 | 672.3 | 671.5 | 671.7 | 672.0 |
| 180°   | 673.2 | 673.2 | 673.2 | 673.2  | 673.2 | 673.2 | 673.2 | 673.2 | 673.2 | 673.2 | 673.2 |

TEST NUMBER: P999574

CATALOG NUMBER: SA2XXRDIP-B290D530UB40-4F0-XX-W2A-A1

**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°    | 11.6  | 8.8   | 7.4    | 6.6   | 5.1   | 3.6   | 2.1   | 0.6   | 2.1   | 3.6   | 5.1   |
| 92.5°  | 17.2  | 17.1  | 17.0   | 16.5  | 15.5  | 14.5  | 13.5  | 12.5  | 13.5  | 14.5  | 15.5  |
| 95°    | 35.6  | 35.3  | 35.2   | 34.6  | 33.3  | 32.0  | 30.8  | 29.5  | 30.8  | 32.0  | 33.3  |
| 97.5°  | 55.3  | 54.8  | 54.5   | 53.9  | 52.8  | 51.7  | 50.5  | 49.4  | 50.5  | 51.7  | 52.8  |
| 100°   | 77.3  | 76.9  | 76.7   | 76.2  | 75.2  | 74.1  | 73.1  | 72.1  | 73.1  | 74.1  | 75.2  |
| 102.5° | 100.2 | 99.7  | 99.4   | 99.0  | 98.3  | 97.5  | 96.8  | 96.0  | 96.8  | 97.5  | 98.3  |
| 105°   | 124.2 | 123.9 | 123.8  | 123.6 | 123.2 | 122.9 | 122.5 | 122.1 | 122.5 | 122.9 | 123.2 |
| 107.5° | 150.5 | 150.5 | 150.5  | 150.3 | 149.8 | 149.3 | 148.8 | 148.3 | 148.8 | 149.3 | 149.8 |
| 110°   | 176.7 | 176.7 | 176.7  | 176.3 | 175.6 | 174.8 | 174.1 | 173.3 | 174.1 | 174.8 | 175.6 |

TEST NUMBER: P999574

CATALOG NUMBER: SA2XXRDIP-B290D530UB40-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (continued):**

|        | 150°  | 155°  | 157.5° | 160°  | 165°  | 170°  | 175°  | 180°  | 185°  | 190°  | 195°  |
|--------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 203.7 | 203.8 | 203.9  | 203.5 | 202.8 | 202.0 | 201.3 | 200.5 | 201.3 | 202.0 | 202.8 |
| 115°   | 230.2 | 230.5 | 230.6  | 230.2 | 229.5 | 228.7 | 228.0 | 227.2 | 228.0 | 228.7 | 229.5 |
| 117.5° | 257.5 | 258.2 | 258.5  | 258.0 | 257.0 | 255.9 | 254.9 | 253.9 | 254.9 | 255.9 | 257.0 |
| 120°   | 283.7 | 284.7 | 285.2  | 284.7 | 283.7 | 282.6 | 281.6 | 280.6 | 281.6 | 282.6 | 283.7 |
| 122.5° | 309.8 | 310.4 | 310.7  | 310.1 | 308.8 | 307.6 | 306.3 | 305.1 | 306.3 | 307.6 | 308.8 |
| 125°   | 335.1 | 335.5 | 335.7  | 335.1 | 334.0 | 332.9 | 331.7 | 330.6 | 331.7 | 332.9 | 334.0 |
| 127.5° | 361.1 | 361.6 | 361.9  | 361.2 | 359.8 | 358.4 | 357.0 | 355.6 | 357.0 | 358.4 | 359.8 |
| 130°   | 385.9 | 386.2 | 386.3  | 385.5 | 383.8 | 382.2 | 380.5 | 378.9 | 380.5 | 382.2 | 383.8 |
| 132.5° | 410.9 | 410.8 | 410.7  | 410.1 | 408.8 | 407.5 | 406.3 | 405.0 | 406.3 | 407.5 | 408.8 |
| 135°   | 434.4 | 434.1 | 434.0  | 433.3 | 431.9 | 430.6 | 429.2 | 427.8 | 429.2 | 430.6 | 431.9 |
| 137.5° | 458.3 | 458.0 | 457.9  | 457.3 | 456.2 | 455.1 | 453.9 | 452.8 | 453.9 | 455.1 | 456.2 |
| 140°   | 481.0 | 480.3 | 480.0  | 479.4 | 478.3 | 477.2 | 476.0 | 474.9 | 476.0 | 477.2 | 478.3 |
| 142.5° | 503.4 | 503.0 | 502.8  | 502.2 | 501.1 | 499.9 | 498.8 | 497.6 | 498.8 | 499.9 | 501.1 |
| 145°   | 524.3 | 523.6 | 523.2  | 522.8 | 521.9 | 521.0 | 520.1 | 519.2 | 520.1 | 521.0 | 521.9 |
| 147.5° | 544.4 | 543.9 | 543.7  | 543.1 | 542.0 | 540.8 | 539.7 | 538.5 | 539.7 | 540.8 | 542.0 |
| 150°   | 562.6 | 562.1 | 561.8  | 561.4 | 560.7 | 559.9 | 559.2 | 558.4 | 559.2 | 559.9 | 560.7 |
| 152.5° | 580.4 | 579.7 | 579.4  | 579.0 | 578.3 | 577.5 | 576.8 | 576.0 | 576.8 | 577.5 | 578.3 |
| 155°   | 596.0 | 595.6 | 595.4  | 595.2 | 594.8 | 594.4 | 594.0 | 593.6 | 594.0 | 594.4 | 594.8 |
| 157.5° | 610.5 | 610.2 | 610.1  | 610.0 | 609.7 | 609.5 | 609.2 | 609.0 | 609.2 | 609.5 | 609.7 |
| 160°   | 624.0 | 623.9 | 623.8  | 623.7 | 623.4 | 623.1 | 622.9 | 622.6 | 622.9 | 623.1 | 623.4 |
| 162.5° | 635.3 | 635.2 | 635.1  | 635.1 | 635.1 | 635.1 | 635.1 | 635.1 | 635.1 | 635.1 | 635.1 |
| 165°   | 645.3 | 645.3 | 645.3  | 645.4 | 645.5 | 645.6 | 645.8 | 645.9 | 645.8 | 645.6 | 645.5 |
| 167.5° | 653.9 | 653.9 | 653.9  | 654.1 | 654.5 | 654.8 | 655.2 | 655.6 | 655.2 | 654.8 | 654.5 |
| 170°   | 661.1 | 661.2 | 661.3  | 661.5 | 661.9 | 662.2 | 662.6 | 663.0 | 662.6 | 662.2 | 661.9 |
| 172.5° | 666.2 | 666.3 | 666.4  | 666.6 | 667.0 | 667.3 | 667.7 | 668.1 | 667.7 | 667.3 | 667.0 |
| 175°   | 669.9 | 670.2 | 670.3  | 670.5 | 670.9 | 671.2 | 671.6 | 672.0 | 671.6 | 671.2 | 670.9 |
| 177.5° | 672.2 | 672.5 | 672.6  | 672.8 | 673.2 | 673.5 | 673.9 | 674.3 | 673.9 | 673.5 | 673.2 |
| 180°   | 673.2 | 673.2 | 673.2  | 673.2 | 673.2 | 673.2 | 673.2 | 673.2 | 673.2 | 673.2 | 673.2 |

TEST NUMBER: P999574

CATALOG NUMBER: SA2XXRDIP-B290D530UB40-4F0-XX-W2A-A1

**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°    | 6.6   | 7.4    | 8.8   | 11.6  | 14.3  | 17.1  | 19.9  | 19.6  | 19.4  | 19.1  | 18.8  |
| 92.5°  | 16.5  | 17.0   | 17.1  | 17.2  | 17.3  | 17.5  | 17.6  | 17.7  | 17.9  | 18.0  | 18.1  |
| 95°    | 34.6  | 35.2   | 35.3  | 35.6  | 35.9  | 36.1  | 36.4  | 36.4  | 36.4  | 36.4  | 36.4  |
| 97.5°  | 53.9  | 54.5   | 54.8  | 55.3  | 55.8  | 56.3  | 56.8  | 56.8  | 56.8  | 56.8  | 56.8  |
| 100°   | 76.2  | 76.7   | 76.9  | 77.3  | 77.6  | 78.0  | 78.4  | 78.4  | 78.4  | 78.4  | 78.4  |
| 102.5° | 99.0  | 99.4   | 99.7  | 100.2 | 100.7 | 101.2 | 101.7 | 101.8 | 102.0 | 102.1 | 102.2 |
| 105°   | 123.6 | 123.8  | 123.9 | 124.2 | 124.5 | 124.7 | 125.0 | 125.2 | 125.5 | 125.7 | 126.0 |
| 107.5° | 150.3 | 150.5  | 150.5 | 150.5 | 150.5 | 150.5 | 150.5 | 150.6 | 150.8 | 150.9 | 151.0 |
| 110°   | 176.3 | 176.7  | 176.7 | 176.7 | 176.7 | 176.7 | 176.7 | 176.7 | 176.7 | 176.7 | 176.7 |

TEST NUMBER: P999574

CATALOG NUMBER: SA2XXRDIP-B290D530UB40-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (continued):**

|        | 200°  | 202.5° | 205°  | 210°  | 215°  | 220°  | 225°  | 230°  | 235°  | 240°  | 245°  |
|--------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 203.5 | 203.9  | 203.8 | 203.7 | 203.6 | 203.5 | 203.4 | 203.0 | 202.6 | 202.3 | 201.9 |
| 115°   | 230.2 | 230.6  | 230.5 | 230.2 | 230.0 | 229.7 | 229.5 | 229.4 | 229.2 | 229.1 | 229.0 |
| 117.5° | 258.0 | 258.5  | 258.2 | 257.5 | 256.9 | 256.2 | 255.6 | 255.2 | 254.8 | 254.5 | 254.1 |
| 120°   | 284.7 | 285.2  | 284.7 | 283.7 | 282.6 | 281.6 | 280.6 | 280.6 | 280.6 | 280.6 | 280.6 |
| 122.5° | 310.1 | 310.7  | 310.4 | 309.8 | 309.1 | 308.5 | 307.9 | 307.5 | 307.1 | 306.8 | 306.4 |
| 125°   | 335.1 | 335.7  | 335.5 | 335.1 | 334.8 | 334.4 | 334.0 | 333.6 | 333.2 | 332.9 | 332.5 |
| 127.5° | 361.2 | 361.9  | 361.6 | 361.1 | 360.6 | 360.1 | 359.6 | 359.1 | 358.6 | 358.1 | 357.6 |
| 130°   | 385.5 | 386.3  | 386.2 | 385.9 | 385.7 | 385.4 | 385.2 | 384.9 | 384.7 | 384.4 | 384.1 |
| 132.5° | 410.1 | 410.7  | 410.8 | 410.9 | 411.0 | 411.2 | 411.3 | 410.7 | 410.1 | 409.4 | 408.8 |
| 135°   | 433.3 | 434.0  | 434.1 | 434.4 | 434.7 | 434.9 | 435.2 | 435.1 | 434.9 | 434.8 | 434.7 |
| 137.5° | 457.3 | 457.9  | 458.0 | 458.3 | 458.5 | 458.8 | 459.0 | 458.9 | 458.7 | 458.6 | 458.5 |
| 140°   | 479.4 | 480.0  | 480.3 | 481.0 | 481.6 | 482.3 | 482.9 | 482.9 | 482.9 | 482.9 | 482.9 |
| 142.5° | 502.2 | 502.8  | 503.0 | 503.4 | 503.7 | 504.1 | 504.5 | 504.6 | 504.7 | 504.8 | 504.9 |
| 145°   | 522.8 | 523.2  | 523.6 | 524.3 | 525.1 | 525.8 | 526.6 | 526.7 | 526.9 | 527.0 | 527.1 |
| 147.5° | 543.1 | 543.7  | 543.9 | 544.4 | 544.9 | 545.4 | 545.9 | 546.2 | 546.4 | 546.7 | 547.0 |
| 150°   | 561.4 | 561.8  | 562.1 | 562.6 | 563.1 | 563.6 | 564.1 | 564.5 | 564.9 | 565.2 | 565.6 |
| 152.5° | 579.0 | 579.4  | 579.7 | 580.4 | 581.0 | 581.7 | 582.3 | 582.8 | 583.3 | 583.8 | 584.3 |
| 155°   | 595.2 | 595.4  | 595.6 | 596.0 | 596.3 | 596.7 | 597.1 | 597.7 | 598.3 | 599.0 | 599.6 |
| 157.5° | 610.0 | 610.1  | 610.2 | 610.5 | 610.8 | 611.0 | 611.3 | 612.2 | 613.0 | 613.9 | 614.8 |
| 160°   | 623.7 | 623.8  | 623.9 | 624.0 | 624.1 | 624.2 | 624.3 | 625.1 | 625.8 | 626.6 | 627.3 |
| 162.5° | 635.1 | 635.1  | 635.2 | 635.3 | 635.4 | 635.6 | 635.7 | 636.6 | 637.5 | 638.4 | 639.3 |
| 165°   | 645.4 | 645.3  | 645.3 | 645.3 | 645.3 | 645.3 | 645.3 | 646.2 | 647.1 | 648.0 | 648.9 |
| 167.5° | 654.1 | 653.9  | 653.9 | 653.9 | 653.9 | 653.9 | 653.9 | 654.8 | 655.6 | 656.5 | 657.4 |
| 170°   | 661.5 | 661.3  | 661.2 | 661.1 | 661.0 | 660.8 | 660.7 | 661.6 | 662.5 | 663.4 | 664.3 |
| 172.5° | 666.6 | 666.4  | 666.3 | 666.2 | 666.1 | 665.9 | 665.8 | 666.7 | 667.6 | 668.5 | 669.4 |
| 175°   | 670.5 | 670.3  | 670.2 | 669.9 | 669.7 | 669.4 | 669.2 | 670.1 | 671.0 | 671.9 | 672.8 |
| 177.5° | 672.8 | 672.6  | 672.5 | 672.2 | 672.0 | 671.7 | 671.5 | 672.3 | 673.0 | 673.8 | 674.5 |
| 180°   | 673.2 | 673.2  | 673.2 | 673.2 | 673.2 | 673.2 | 673.2 | 673.2 | 673.2 | 673.2 | 673.2 |

TEST NUMBER: P999574

CATALOG NUMBER: SA2XXRDIP-B290D530UB40-4F0-XX-W2A-A1

**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°    | 18.7   | 18.8  | 18.9  | 19.0  | 19.2  | 19.3  | 19.2  | 19.0  | 18.9  | 18.8  | 18.7   |
| 92.5°  | 18.2   | 18.2  | 18.2  | 18.2  | 18.2  | 18.2  | 18.2  | 18.2  | 18.2  | 18.2  | 18.2   |
| 95°    | 36.4   | 36.3  | 36.0  | 35.7  | 35.5  | 35.2  | 35.5  | 35.7  | 36.0  | 36.3  | 36.4   |
| 97.5°  | 56.8   | 56.8  | 56.8  | 56.8  | 56.8  | 56.8  | 56.8  | 56.8  | 56.8  | 56.8  | 56.8   |
| 100°   | 78.4   | 78.3  | 78.2  | 78.1  | 77.9  | 77.8  | 77.9  | 78.1  | 78.2  | 78.3  | 78.4   |
| 102.5° | 102.3  | 102.2 | 102.1 | 102.0 | 101.8 | 101.7 | 101.8 | 102.0 | 102.1 | 102.2 | 102.3  |
| 105°   | 126.1  | 126.1 | 126.1 | 126.1 | 126.1 | 126.1 | 126.1 | 126.1 | 126.1 | 126.1 | 126.1  |
| 107.5° | 151.1  | 150.8 | 150.2 | 149.5 | 148.9 | 148.3 | 148.9 | 149.5 | 150.2 | 150.8 | 151.1  |
| 110°   | 176.7  | 176.5 | 176.1 | 175.8 | 175.4 | 175.0 | 175.4 | 175.8 | 176.1 | 176.5 | 176.7  |

TEST NUMBER: P999574

CATALOG NUMBER: SA2XXRDIP-B290D530UB40-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°  | 255°  | 260°  | 265°  | 270°  | 275°  | 280°  | 285°  | 290°  | 292.5° |
|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 112.5° | 201.7  | 201.6 | 201.3 | 201.0 | 200.8 | 200.5 | 200.8 | 201.0 | 201.3 | 201.6 | 201.7  |
| 115°   | 228.9  | 228.7 | 228.3 | 228.0 | 227.6 | 227.2 | 227.6 | 228.0 | 228.3 | 228.7 | 228.9  |
| 117.5° | 253.9  | 253.7 | 253.3 | 253.0 | 252.6 | 252.2 | 252.6 | 253.0 | 253.3 | 253.7 | 253.9  |
| 120°   | 280.6  | 280.4 | 280.0 | 279.7 | 279.3 | 278.9 | 279.3 | 279.7 | 280.0 | 280.4 | 280.6  |
| 122.5° | 306.2  | 306.1 | 305.8 | 305.6 | 305.3 | 305.1 | 305.3 | 305.6 | 305.8 | 306.1 | 306.2  |
| 125°   | 332.3  | 332.2 | 332.1 | 332.0 | 331.9 | 331.8 | 331.9 | 332.0 | 332.1 | 332.2 | 332.3  |
| 127.5° | 357.3  | 357.1 | 356.7 | 356.4 | 356.0 | 355.6 | 356.0 | 356.4 | 356.7 | 357.1 | 357.3  |
| 130°   | 384.0  | 383.8 | 383.3 | 382.8 | 382.3 | 381.8 | 382.3 | 382.8 | 383.3 | 383.8 | 384.0  |
| 132.5° | 408.5  | 408.3 | 407.9 | 407.5 | 407.1 | 406.7 | 407.1 | 407.5 | 407.9 | 408.3 | 408.5  |
| 135°   | 434.6  | 434.4 | 434.0 | 433.7 | 433.3 | 432.9 | 433.3 | 433.7 | 434.0 | 434.4 | 434.6  |
| 137.5° | 458.4  | 458.2 | 457.7 | 457.2 | 456.7 | 456.2 | 456.7 | 457.2 | 457.7 | 458.2 | 458.4  |
| 140°   | 482.9  | 482.6 | 482.1 | 481.6 | 481.1 | 480.6 | 481.1 | 481.6 | 482.1 | 482.6 | 482.9  |
| 142.5° | 505.0  | 504.8 | 504.3 | 503.8 | 503.3 | 502.8 | 503.3 | 503.8 | 504.3 | 504.8 | 505.0  |
| 145°   | 527.2  | 526.9 | 526.4 | 525.9 | 525.4 | 524.9 | 525.4 | 525.9 | 526.4 | 526.9 | 527.2  |
| 147.5° | 547.1  | 546.8 | 546.3 | 545.8 | 545.3 | 544.8 | 545.3 | 545.8 | 546.3 | 546.8 | 547.1  |
| 150°   | 565.8  | 565.6 | 565.2 | 564.9 | 564.5 | 564.1 | 564.5 | 564.9 | 565.2 | 565.6 | 565.8  |
| 152.5° | 584.6  | 584.3 | 583.8 | 583.3 | 582.8 | 582.3 | 582.8 | 583.3 | 583.8 | 584.3 | 584.6  |
| 155°   | 599.9  | 599.7 | 599.3 | 599.0 | 598.6 | 598.2 | 598.6 | 599.0 | 599.3 | 599.7 | 599.9  |
| 157.5° | 615.2  | 614.9 | 614.3 | 613.6 | 613.0 | 612.4 | 613.0 | 613.6 | 614.3 | 614.9 | 615.2  |
| 160°   | 627.7  | 627.5 | 627.0 | 626.5 | 626.0 | 625.5 | 626.0 | 626.5 | 627.0 | 627.5 | 627.7  |
| 162.5° | 639.7  | 639.4 | 638.7 | 638.1 | 637.4 | 636.8 | 637.4 | 638.1 | 638.7 | 639.4 | 639.7  |
| 165°   | 649.3  | 649.0 | 648.4 | 647.7 | 647.1 | 646.5 | 647.1 | 647.7 | 648.4 | 649.0 | 649.3  |
| 167.5° | 657.8  | 657.5 | 656.9 | 656.2 | 655.6 | 655.0 | 655.6 | 656.2 | 656.9 | 657.5 | 657.8  |
| 170°   | 664.7  | 664.3 | 663.6 | 662.8 | 662.1 | 661.3 | 662.1 | 662.8 | 663.6 | 664.3 | 664.7  |
| 172.5° | 669.8  | 669.4 | 668.7 | 667.9 | 667.2 | 666.4 | 667.2 | 667.9 | 668.7 | 669.4 | 669.8  |
| 175°   | 673.2  | 672.8 | 672.1 | 671.3 | 670.6 | 669.8 | 670.6 | 671.3 | 672.1 | 672.8 | 673.2  |
| 177.5° | 674.9  | 674.5 | 673.8 | 673.0 | 672.3 | 671.5 | 672.3 | 673.0 | 673.8 | 674.5 | 674.9  |
| 180°   | 673.2  | 673.2 | 673.2 | 673.2 | 673.2 | 673.2 | 673.2 | 673.2 | 673.2 | 673.2 | 673.2  |

TEST NUMBER: P999574

CATALOG NUMBER: SA2XXRDIP-B290D530UB40-4F0-XX-W2A-A1

**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°    | 18.8  | 19.1  | 19.4  | 19.6  | 19.9  | 17.1  | 14.3  | 11.6  | 8.8   | 7.4    | 6.6   |
| 92.5°  | 18.1  | 18.0  | 17.9  | 17.7  | 17.6  | 17.5  | 17.3  | 17.2  | 17.1  | 17.0   | 16.5  |
| 95°    | 36.4  | 36.4  | 36.4  | 36.4  | 36.4  | 36.1  | 35.9  | 35.6  | 35.3  | 35.2   | 34.6  |
| 97.5°  | 56.8  | 56.8  | 56.8  | 56.8  | 56.8  | 56.3  | 55.8  | 55.3  | 54.8  | 54.5   | 53.9  |
| 100°   | 78.4  | 78.4  | 78.4  | 78.4  | 78.4  | 78.0  | 77.6  | 77.3  | 76.9  | 76.7   | 76.2  |
| 102.5° | 102.2 | 102.1 | 102.0 | 101.8 | 101.7 | 101.2 | 100.7 | 100.2 | 99.7  | 99.4   | 99.0  |
| 105°   | 126.0 | 125.7 | 125.5 | 125.2 | 125.0 | 124.7 | 124.5 | 124.2 | 123.9 | 123.8  | 123.6 |
| 107.5° | 151.0 | 150.9 | 150.8 | 150.6 | 150.5 | 150.5 | 150.5 | 150.5 | 150.5 | 150.5  | 150.3 |
| 110°   | 176.7 | 176.7 | 176.7 | 176.7 | 176.7 | 176.7 | 176.7 | 176.7 | 176.7 | 176.7  | 176.3 |

TEST NUMBER: P999574

CATALOG NUMBER: SA2XXRDIP-B290D530UB40-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (continued):**

|        | 295°  | 300°  | 305°  | 310°  | 315°  | 320°  | 325°  | 330°  | 335°  | 337.5° | 340°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
| 112.5° | 201.9 | 202.3 | 202.6 | 203.0 | 203.4 | 203.5 | 203.6 | 203.7 | 203.8 | 203.9  | 203.5 |
| 115°   | 229.0 | 229.1 | 229.2 | 229.4 | 229.5 | 229.7 | 230.0 | 230.2 | 230.5 | 230.6  | 230.2 |
| 117.5° | 254.1 | 254.5 | 254.8 | 255.2 | 255.6 | 256.2 | 256.9 | 257.5 | 258.2 | 258.5  | 258.0 |
| 120°   | 280.6 | 280.6 | 280.6 | 280.6 | 280.6 | 281.6 | 282.6 | 283.7 | 284.7 | 285.2  | 284.7 |
| 122.5° | 306.4 | 306.8 | 307.1 | 307.5 | 307.9 | 308.5 | 309.1 | 309.8 | 310.4 | 310.7  | 310.1 |
| 125°   | 332.5 | 332.9 | 333.2 | 333.6 | 334.0 | 334.4 | 334.8 | 335.1 | 335.5 | 335.7  | 335.1 |
| 127.5° | 357.6 | 358.1 | 358.6 | 359.1 | 359.6 | 360.1 | 360.6 | 361.1 | 361.6 | 361.9  | 361.2 |
| 130°   | 384.1 | 384.4 | 384.7 | 384.9 | 385.2 | 385.4 | 385.7 | 385.9 | 386.2 | 386.3  | 385.5 |
| 132.5° | 408.8 | 409.4 | 410.1 | 410.7 | 411.3 | 411.2 | 411.0 | 410.9 | 410.8 | 410.7  | 410.1 |
| 135°   | 434.7 | 434.8 | 434.9 | 435.1 | 435.2 | 434.9 | 434.7 | 434.4 | 434.1 | 434.0  | 433.3 |
| 137.5° | 458.5 | 458.6 | 458.7 | 458.9 | 459.0 | 458.8 | 458.5 | 458.3 | 458.0 | 457.9  | 457.3 |
| 140°   | 482.9 | 482.9 | 482.9 | 482.9 | 482.9 | 482.3 | 481.6 | 481.0 | 480.3 | 480.0  | 479.4 |
| 142.5° | 504.9 | 504.8 | 504.7 | 504.6 | 504.5 | 504.1 | 503.7 | 503.4 | 503.0 | 502.8  | 502.2 |
| 145°   | 527.1 | 527.0 | 526.9 | 526.7 | 526.6 | 525.8 | 525.1 | 524.3 | 523.6 | 523.2  | 522.8 |
| 147.5° | 547.0 | 546.7 | 546.4 | 546.2 | 545.9 | 545.4 | 544.9 | 544.4 | 543.9 | 543.7  | 543.1 |
| 150°   | 565.6 | 565.2 | 564.9 | 564.5 | 564.1 | 563.6 | 563.1 | 562.6 | 562.1 | 561.8  | 561.4 |
| 152.5° | 584.3 | 583.8 | 583.3 | 582.8 | 582.3 | 581.7 | 581.0 | 580.4 | 579.7 | 579.4  | 579.0 |
| 155°   | 599.6 | 599.0 | 598.3 | 597.7 | 597.1 | 596.7 | 596.3 | 596.0 | 595.6 | 595.4  | 595.2 |
| 157.5° | 614.8 | 613.9 | 613.0 | 612.2 | 611.3 | 611.0 | 610.8 | 610.5 | 610.2 | 610.1  | 610.0 |
| 160°   | 627.3 | 626.6 | 625.8 | 625.1 | 624.3 | 624.2 | 624.1 | 624.0 | 623.9 | 623.8  | 623.7 |
| 162.5° | 639.3 | 638.4 | 637.5 | 636.6 | 635.7 | 635.6 | 635.4 | 635.3 | 635.2 | 635.1  | 635.1 |
| 165°   | 648.9 | 648.0 | 647.1 | 646.2 | 645.3 | 645.3 | 645.3 | 645.3 | 645.3 | 645.3  | 645.4 |
| 167.5° | 657.4 | 656.5 | 655.6 | 654.8 | 653.9 | 653.9 | 653.9 | 653.9 | 653.9 | 653.9  | 654.1 |
| 170°   | 664.3 | 663.4 | 662.5 | 661.6 | 660.7 | 660.8 | 661.0 | 661.1 | 661.2 | 661.3  | 661.5 |
| 172.5° | 669.4 | 668.5 | 667.6 | 666.7 | 665.8 | 665.9 | 666.1 | 666.2 | 666.3 | 666.4  | 666.6 |
| 175°   | 672.8 | 671.9 | 671.0 | 670.1 | 669.2 | 669.4 | 669.7 | 669.9 | 670.2 | 670.3  | 670.5 |
| 177.5° | 674.5 | 673.8 | 673.0 | 672.3 | 671.5 | 671.7 | 672.0 | 672.2 | 672.5 | 672.6  | 672.8 |
| 180°   | 673.2 | 673.2 | 673.2 | 673.2 | 673.2 | 673.2 | 673.2 | 673.2 | 673.2 | 673.2  | 673.2 |

TEST NUMBER: P999574

CATALOG NUMBER: SA2XXRDIP-B290D530UB40-4F0-XX-W2A-A1

**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°    | 5.1   | 3.6   | 2.1   | 0.6   |
| 92.5°  | 15.5  | 14.5  | 13.5  | 12.5  |
| 95°    | 33.3  | 32.0  | 30.8  | 29.5  |
| 97.5°  | 52.8  | 51.7  | 50.5  | 49.4  |
| 100°   | 75.2  | 74.1  | 73.1  | 72.1  |
| 102.5° | 98.3  | 97.5  | 96.8  | 96.0  |
| 105°   | 123.2 | 122.9 | 122.5 | 122.1 |
| 107.5° | 149.8 | 149.3 | 148.8 | 148.3 |
| 110°   | 175.6 | 174.8 | 174.1 | 173.3 |

TEST NUMBER: P999574

CATALOG NUMBER: SA2XXRDIP-B290D530UB40-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (continued):**

|        | 345°  | 350°  | 355°  | 360°  |
|--------|-------|-------|-------|-------|
| 112.5° | 202.8 | 202.0 | 201.3 | 200.5 |
| 115°   | 229.5 | 228.7 | 228.0 | 227.2 |
| 117.5° | 257.0 | 255.9 | 254.9 | 253.9 |
| 120°   | 283.7 | 282.6 | 281.6 | 280.6 |
| 122.5° | 308.8 | 307.6 | 306.3 | 305.1 |
| 125°   | 334.0 | 332.9 | 331.7 | 330.6 |
| 127.5° | 359.8 | 358.4 | 357.0 | 355.6 |
| 130°   | 383.8 | 382.2 | 380.5 | 378.9 |
| 132.5° | 408.8 | 407.5 | 406.3 | 405.0 |
| 135°   | 431.9 | 430.6 | 429.2 | 427.8 |
| 137.5° | 456.2 | 455.1 | 453.9 | 452.8 |
| 140°   | 478.3 | 477.2 | 476.0 | 474.9 |
| 142.5° | 501.1 | 499.9 | 498.8 | 497.6 |
| 145°   | 521.9 | 521.0 | 520.1 | 519.2 |
| 147.5° | 542.0 | 540.8 | 539.7 | 538.5 |
| 150°   | 560.7 | 559.9 | 559.2 | 558.4 |
| 152.5° | 578.3 | 577.5 | 576.8 | 576.0 |
| 155°   | 594.8 | 594.4 | 594.0 | 593.6 |
| 157.5° | 609.7 | 609.5 | 609.2 | 609.0 |
| 160°   | 623.4 | 623.1 | 622.9 | 622.6 |
| 162.5° | 635.1 | 635.1 | 635.1 | 635.1 |
| 165°   | 645.5 | 645.6 | 645.8 | 645.9 |
| 167.5° | 654.5 | 654.8 | 655.2 | 655.6 |
| 170°   | 661.9 | 662.2 | 662.6 | 663.0 |
| 172.5° | 667.0 | 667.3 | 667.7 | 668.1 |
| 175°   | 670.9 | 671.2 | 671.6 | 672.0 |
| 177.5° | 673.2 | 673.5 | 673.9 | 674.3 |
| 180°   | 673.2 | 673.2 | 673.2 | 673.2 |

(END OF REPORT)