

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: P999609

Luminaire Tested: SA2XXRDIP-B290D725UB35-4F0-XX-W2A-A4

Issue Date: 5/7/2025

**Test Information**

Test Method: LM-79-2019  
Report Number: P999609  
REPORT IS A COMBINATION OF REPORTS P988162 AND P1007351  
Test Lab: INNOVATION CENTER  
Issue Date: 5/7/2025  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: NEO-RAY  
Catalog Number: SA2XXRDIP-B290D725UB35-4F0-XX-W2A-A4  
Description: Define 2 Regressed Direct/Indirect Pendant with 3500K BioUP LEDs {m-DER=0.721}  
{m-EER=0.792}  
Light Source: -  
Ballast/Driver: -

**Summary**

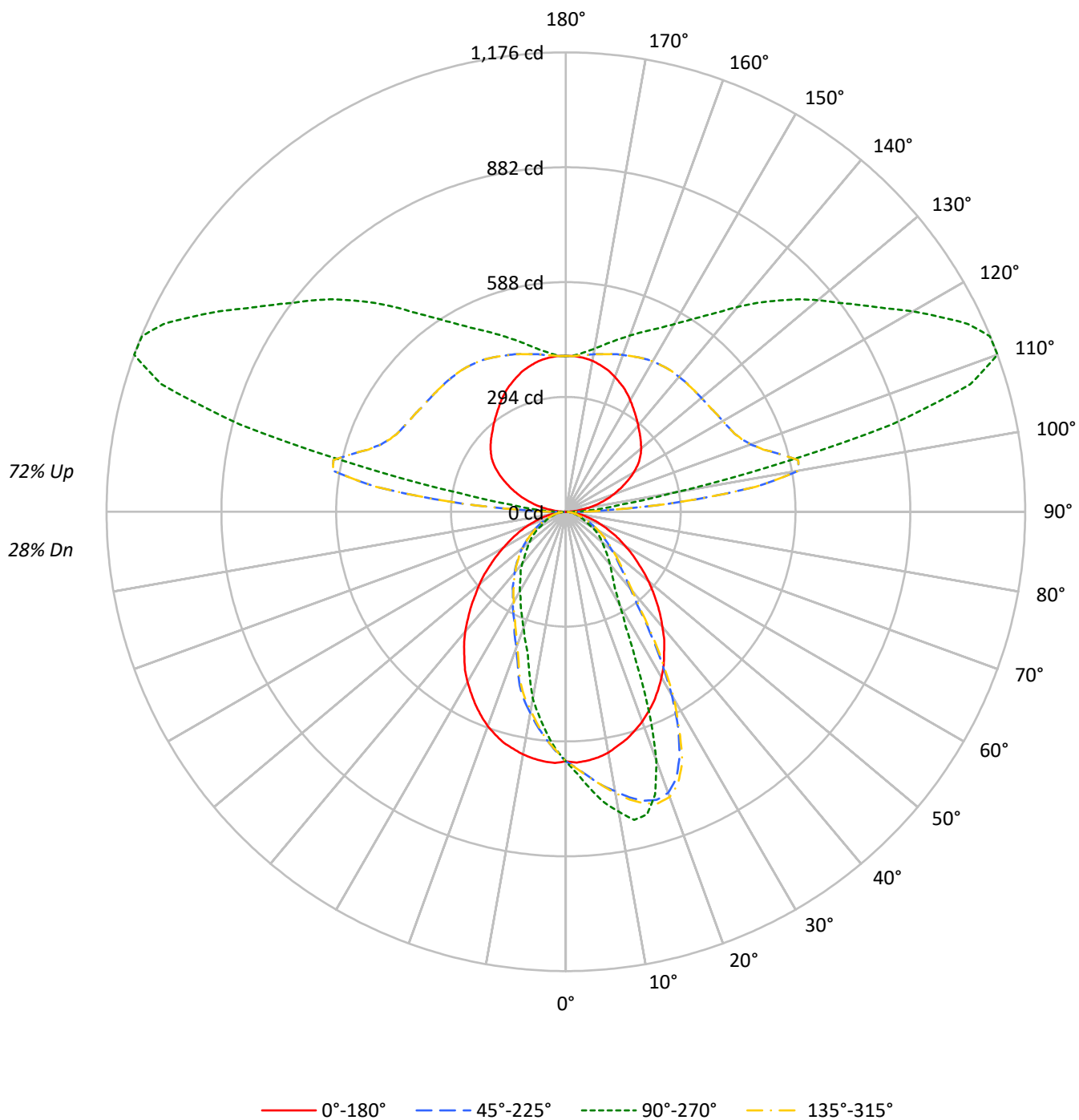
Lumens per Lamp: N/A  
Luminaire Lumens: 3883.0 lumens  
Efficiency: N/A  
Efficacy: 113.9 lumens/watt  
Spacing Criteria (0/90/45): 1.16 / 0.85 / 1.01  
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 4' x H: 0.1')  
CIE Type: Semi-Indirect

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: P999609

CATALOG NUMBER: SA2XXRDIP-B290D725UB35-4F0-XX-W2A-A4

### Luminous Intensity Polar Plot



TEST NUMBER: P999609

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

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 165°

Vertical Angle: 45°

Luminance: 9250 cd/sqm

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 60.6   | 1.6       |
| 10°-20°   | 169.1  | 4.4       |
| 20°-30°   | 217.7  | 5.6       |
| 30°-40°   | 206.5  | 5.3       |
| 40°-50°   | 177.0  | 4.6       |
| 50°-60°   | 134.8  | 3.5       |
| 60°-70°   | 85.0   | 2.2       |
| 70°-80°   | 42.4   | 1.1       |
| 80°-90°   | 13.5   | 0.3       |
| 90°-100°  | 155.4  | 4.0       |
| 100°-110° | 547.3  | 14.1      |
| 110°-120° | 574.8  | 14.8      |
| 120°-130° | 472.9  | 12.2      |
| 130°-140° | 379.9  | 9.8       |
| 140°-150° | 287.0  | 7.4       |
| 150°-160° | 201.7  | 5.2       |
| 160°-170° | 118.8  | 3.1       |
| 170°-180° | 38.6   | 1.0       |
| 0°-30°    | 447.4  | 11.5      |
| 0°-40°    | 653.9  | 16.8      |
| 0°-60°    | 965.7  | 24.9      |
| 0°-90°    | 1106.6 | 28.5      |
| 90°-120°  | 1277.5 | 32.9      |
| 90°-150°  | 2417.3 | 62.3      |
| 90°-180°  | 2776.0 | 71.5      |
| 0°-180°   | 3883.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°  | 90°  | 180° | 270° | 360° | Flux |
|------|-----|------|------|------|------|------|
| 0°   | 639 | 639  | 639  | 639  | 639  |      |
| 5°   | 639 | 711  | 642  | 568  | 639  | 61   |
| 15°  | 602 | 802  | 613  | 376  | 602  | 169  |
| 25°  | 534 | 428  | 546  | 273  | 534  | 245  |
| 35°  | 439 | 211  | 453  | 201  | 439  | 274  |
| 45°  | 329 | 146  | 343  | 143  | 329  | 254  |
| 55°  | 222 | 102  | 234  | 100  | 222  | 200  |
| 65°  | 134 | 53   | 142  | 60   | 134  | 133  |
| 75°  | 63  | 28   | 69   | 32   | 63   | 68   |
| 85°  | 14  | 8    | 15   | 8    | 14   | 16   |
| 90°  | 1   | 25   | 1    | 25   | 1    | 3    |
| 95°  | 27  | 87   | 27   | 87   | 27   | 28   |
| 105° | 94  | 864  | 94   | 864  | 94   | 99   |
| 115° | 165 | 1137 | 165  | 1137 | 165  | 163  |
| 125° | 230 | 922  | 230  | 922  | 230  | 204  |
| 135° | 270 | 764  | 270  | 764  | 270  | 208  |
| 145° | 308 | 610  | 308  | 610  | 308  | 193  |
| 155° | 350 | 513  | 350  | 513  | 350  | 161  |
| 165° | 382 | 450  | 382  | 450  | 382  | 108  |
| 175° | 398 | 406  | 398  | 406  | 398  | 38   |
| 180° | 399 | 399  | 399  | 399  | 399  |      |

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**CANDELA DISTRIBUTION (FULL):**

|        | 0°    | 5°    | 10°   | 15°   | 20°   | 22.5° | 25°   | 30°   | 35°   | 40°   | 45°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 638.8 | 638.8 | 638.8 | 638.8 | 638.8 | 638.8 | 638.8 | 638.8 | 638.8 | 638.8 | 638.8 |
| 2.5°   | 642.8 | 645.5 | 646.8 | 648.6 | 652.6 | 655.3 | 659.3 | 660.2 | 659.7 | 661.5 | 656.6 |
| 5°     | 639.3 | 645.1 | 650.4 | 654.8 | 661.9 | 666.4 | 671.3 | 677.0 | 678.4 | 685.0 | 681.0 |
| 7.5°   | 634.4 | 642.8 | 650.4 | 659.3 | 669.9 | 675.7 | 683.2 | 692.1 | 696.1 | 704.1 | 706.3 |
| 10°    | 626.4 | 638.4 | 651.3 | 660.6 | 675.2 | 685.5 | 692.6 | 706.8 | 716.1 | 728.1 | 726.3 |
| 12.5°  | 613.5 | 629.1 | 646.4 | 661.9 | 681.0 | 687.7 | 701.0 | 715.6 | 727.6 | 738.7 | 748.5 |
| 15°    | 602.4 | 620.2 | 639.3 | 658.4 | 680.1 | 692.6 | 705.9 | 725.0 | 737.8 | 757.4 | 765.8 |
| 17.5°  | 587.3 | 610.0 | 632.6 | 653.9 | 679.7 | 693.9 | 710.3 | 729.0 | 748.1 | 766.7 | 773.4 |
| 20°    | 571.8 | 596.2 | 620.6 | 649.5 | 678.8 | 692.6 | 709.4 | 732.5 | 751.2 | 765.8 | 765.8 |
| 22.5°  | 553.2 | 582.9 | 610.9 | 638.4 | 670.4 | 690.3 | 707.7 | 734.7 | 748.1 | 751.2 | 739.2 |
| 25°    | 534.5 | 564.3 | 594.9 | 629.1 | 665.5 | 683.2 | 702.8 | 728.1 | 732.5 | 720.1 | 689.0 |
| 27.5°  | 512.3 | 545.6 | 580.2 | 617.1 | 655.3 | 677.5 | 695.2 | 712.1 | 703.7 | 670.4 | 622.0 |
| 30°    | 489.7 | 525.6 | 564.7 | 599.8 | 645.9 | 666.4 | 681.5 | 686.3 | 659.7 | 605.5 | 542.9 |
| 32.5°  | 466.1 | 501.2 | 542.5 | 584.7 | 631.3 | 650.8 | 660.6 | 647.7 | 598.9 | 530.5 | 454.2 |
| 35°    | 438.6 | 478.1 | 521.2 | 565.1 | 611.3 | 626.0 | 631.7 | 600.2 | 537.6 | 449.3 | 373.4 |
| 37.5°  | 413.8 | 453.3 | 499.4 | 544.3 | 589.1 | 597.1 | 591.3 | 542.1 | 462.6 | 375.1 | 301.0 |
| 40°    | 384.5 | 426.6 | 471.9 | 522.1 | 558.9 | 561.2 | 546.9 | 483.0 | 384.5 | 302.3 | 256.6 |
| 42.5°  | 357.4 | 400.0 | 445.3 | 496.3 | 524.3 | 516.8 | 497.7 | 413.8 | 321.0 | 260.6 | 223.8 |
| 45°    | 329.4 | 369.8 | 418.6 | 463.9 | 483.9 | 466.1 | 437.3 | 348.1 | 269.5 | 224.2 | 195.8 |
| 47.5°  | 302.3 | 340.1 | 388.5 | 432.0 | 435.5 | 415.5 | 381.4 | 291.7 | 233.5 | 197.1 | 174.0 |
| 50°    | 275.7 | 313.4 | 358.7 | 394.7 | 391.1 | 363.6 | 325.0 | 253.5 | 202.9 | 174.0 | 154.9 |
| 52.5°  | 249.1 | 283.2 | 327.2 | 355.6 | 340.5 | 313.9 | 275.7 | 214.9 | 177.1 | 151.8 | 137.2 |
| 55°    | 222.4 | 254.4 | 292.1 | 315.6 | 291.7 | 261.0 | 234.0 | 184.2 | 153.6 | 133.2 | 122.1 |
| 57.5°  | 200.2 | 225.5 | 260.2 | 274.4 | 245.5 | 221.5 | 198.0 | 158.5 | 133.2 | 118.5 | 105.7 |
| 60°    | 175.8 | 198.9 | 227.3 | 235.7 | 206.0 | 186.5 | 166.5 | 134.1 | 114.1 | 101.2 | 92.8  |
| 62.5°  | 154.9 | 174.0 | 195.8 | 195.8 | 169.6 | 154.9 | 139.8 | 112.3 | 95.9  | 85.7  | 81.7  |
| 65°    | 134.5 | 148.3 | 163.8 | 162.0 | 139.8 | 127.0 | 115.0 | 92.8  | 80.4  | 73.3  | 69.3  |
| 67.5°  | 114.5 | 125.2 | 135.4 | 129.2 | 113.2 | 102.1 | 91.0  | 75.0  | 66.6  | 61.7  | 56.4  |
| 70°    | 96.3  | 104.8 | 110.1 | 104.3 | 88.3  | 79.0  | 71.0  | 60.4  | 53.7  | 47.5  | 44.4  |
| 72.5°  | 80.8  | 84.4  | 86.1  | 79.0  | 65.7  | 60.4  | 54.6  | 47.1  | 41.3  | 38.2  | 37.3  |
| 75°    | 63.0  | 66.1  | 64.8  | 59.5  | 48.4  | 44.4  | 40.0  | 34.6  | 33.3  | 31.5  | 30.6  |
| 77.5°  | 49.3  | 49.3  | 47.1  | 42.2  | 34.6  | 31.5  | 29.7  | 27.1  | 25.7  | 25.3  | 24.4  |
| 80°    | 35.1  | 34.6  | 33.3  | 28.0  | 23.5  | 21.8  | 21.8  | 20.0  | 19.5  | 18.6  | 18.6  |
| 82.5°  | 23.1  | 23.1  | 21.3  | 16.9  | 15.5  | 15.1  | 14.7  | 13.8  | 13.8  | 13.3  | 13.3  |
| 85°    | 13.8  | 12.9  | 10.7  | 9.3   | 8.9   | 8.9   | 8.4   | 8.0   | 8.4   | 8.0   | 8.0   |
| 87.5°  | 6.2   | 4.9   | 3.6   | 3.6   | 3.6   | 3.6   | 3.6   | 3.6   | 3.6   | 3.6   | 3.6   |
| 90°    | 0.8   | 3.1   | 6.1   | 7.7   | 9.2   | 10.4  | 11.5  | 15.3  | 20.7  | 25.3  | 26.1  |
| 92.5°  | 11.5  | 16.1  | 22.2  | 26.1  | 32.2  | 36.4  | 40.6  | 61.3  | 90.5  | 116.5 | 118.1 |
| 95°    | 26.8  | 29.9  | 37.6  | 44.5  | 56.7  | 65.9  | 75.1  | 110.4 | 177.1 | 266.0 | 300.5 |
| 97.5°  | 39.9  | 44.5  | 52.9  | 62.9  | 76.7  | 87.1  | 97.4  | 142.6 | 235.4 | 378.7 | 489.9 |
| 100°   | 59.0  | 61.3  | 68.2  | 80.5  | 95.8  | 106.6 | 117.3 | 157.9 | 251.5 | 417.1 | 605.7 |
| 102.5° | 76.7  | 78.2  | 85.1  | 97.4  | 113.5 | 124.2 | 134.9 | 171.7 | 252.2 | 402.5 | 609.5 |
| 105°   | 93.5  | 96.6  | 102.0 | 113.5 | 130.3 | 141.0 | 151.8 | 187.8 | 256.1 | 382.6 | 568.1 |
| 107.5° | 111.9 | 114.2 | 119.6 | 130.3 | 147.2 | 158.0 | 168.7 | 203.9 | 264.5 | 371.8 | 529.8 |
| 110°   | 130.3 | 133.4 | 138.0 | 148.0 | 164.1 | 175.2 | 186.3 | 220.0 | 275.2 | 368.8 | 503.7 |

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**CANDELA DISTRIBUTION (continued):**

|        | 0°    | 5°    | 10°   | 15°   | 20°   | 22.5° | 25°   | 30°   | 35°   | 40°   | 45°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 147.2 | 150.3 | 155.6 | 164.8 | 180.2 | 191.7 | 203.2 | 235.4 | 286.7 | 369.5 | 486.9 |
| 115°   | 164.8 | 168.7 | 173.3 | 182.5 | 197.8 | 208.2 | 218.5 | 251.5 | 298.2 | 372.6 | 475.4 |
| 117.5° | 183.2 | 186.3 | 190.9 | 199.3 | 213.9 | 224.6 | 235.4 | 266.0 | 310.5 | 377.2 | 469.2 |
| 120°   | 200.1 | 203.2 | 207.8 | 214.7 | 230.0 | 240.8 | 251.5 | 281.4 | 322.8 | 381.8 | 463.9 |
| 122.5° | 216.2 | 218.5 | 223.1 | 230.8 | 246.1 | 257.2 | 268.3 | 295.9 | 333.5 | 387.2 | 460.8 |
| 125°   | 230.0 | 232.3 | 236.9 | 246.1 | 261.4 | 272.2 | 282.9 | 310.5 | 345.0 | 392.5 | 457.0 |
| 127.5° | 241.5 | 244.6 | 250.7 | 260.7 | 275.2 | 286.4 | 297.5 | 324.3 | 355.7 | 397.9 | 454.7 |
| 130°   | 251.5 | 254.5 | 262.2 | 272.9 | 288.3 | 299.0 | 309.7 | 336.6 | 365.7 | 404.0 | 453.1 |
| 132.5° | 260.7 | 264.5 | 272.9 | 284.4 | 300.5 | 311.2 | 322.0 | 347.3 | 375.7 | 410.2 | 452.4 |
| 135°   | 269.9 | 272.9 | 282.1 | 293.6 | 311.3 | 322.0 | 332.7 | 357.3 | 384.1 | 414.8 | 451.6 |
| 137.5° | 278.3 | 282.1 | 291.3 | 303.6 | 321.2 | 331.2 | 341.2 | 365.7 | 391.0 | 419.4 | 451.6 |
| 140°   | 288.3 | 291.3 | 300.5 | 312.8 | 329.7 | 339.6 | 349.6 | 372.6 | 396.4 | 422.5 | 450.8 |
| 142.5° | 298.2 | 300.5 | 309.0 | 321.2 | 337.3 | 346.5 | 355.7 | 378.0 | 401.0 | 424.8 | 450.8 |
| 145°   | 308.2 | 311.3 | 318.9 | 330.4 | 345.8 | 354.2 | 362.6 | 383.3 | 404.8 | 426.3 | 449.3 |
| 147.5° | 318.9 | 321.2 | 328.9 | 339.6 | 352.7 | 360.4 | 368.0 | 387.9 | 407.1 | 427.1 | 447.0 |
| 150°   | 329.7 | 332.0 | 338.1 | 348.1 | 359.6 | 366.5 | 373.4 | 391.0 | 408.6 | 426.3 | 444.7 |
| 152.5° | 340.4 | 341.2 | 347.3 | 355.7 | 366.5 | 372.6 | 378.7 | 394.1 | 409.4 | 424.8 | 440.9 |
| 155°   | 350.4 | 351.1 | 355.7 | 364.2 | 372.6 | 378.4 | 384.1 | 397.1 | 410.2 | 423.2 | 436.3 |
| 157.5° | 358.8 | 359.6 | 363.4 | 371.1 | 378.0 | 383.0 | 387.9 | 399.4 | 410.2 | 420.2 | 431.7 |
| 160°   | 367.2 | 368.0 | 371.1 | 377.2 | 383.3 | 387.6 | 391.8 | 401.0 | 410.2 | 417.9 | 427.1 |
| 162.5° | 375.7 | 374.9 | 378.0 | 382.6 | 387.9 | 391.0 | 394.1 | 401.7 | 409.4 | 415.6 | 423.2 |
| 165°   | 381.8 | 381.0 | 382.6 | 387.2 | 391.0 | 393.3 | 395.6 | 402.5 | 407.9 | 412.5 | 417.9 |
| 167.5° | 387.2 | 386.4 | 387.9 | 391.0 | 394.1 | 395.6 | 397.1 | 402.5 | 407.1 | 409.4 | 413.3 |
| 170°   | 392.5 | 391.0 | 391.8 | 394.1 | 395.6 | 396.8 | 397.9 | 401.7 | 405.6 | 407.1 | 409.4 |
| 172.5° | 395.6 | 394.8 | 394.1 | 396.4 | 397.1 | 397.9 | 398.7 | 401.0 | 403.3 | 404.0 | 404.8 |
| 175°   | 397.9 | 397.1 | 396.4 | 397.9 | 397.9 | 398.3 | 398.7 | 400.2 | 401.7 | 401.0 | 401.7 |
| 177.5° | 399.4 | 397.9 | 397.1 | 398.7 | 398.7 | 398.7 | 398.7 | 399.4 | 401.0 | 399.4 | 398.7 |
| 180°   | 398.7 | 398.7 | 398.7 | 398.7 | 398.7 | 398.7 | 398.7 | 398.7 | 398.7 | 398.7 | 398.7 |

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**CANDELA DISTRIBUTION (continued):**

|        | 50°   | 55°   | 60°    | 65°    | 67.5°  | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    |
|--------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 638.8 | 638.8 | 638.8  | 638.8  | 638.8  | 638.8  | 638.8  | 638.8  | 638.8  | 638.8  | 638.8  |
| 2.5°   | 661.5 | 662.4 | 663.7  | 669.9  | 670.8  | 672.6  | 671.7  | 671.7  | 672.1  | 671.3  | 671.7  |
| 5°     | 689.9 | 691.2 | 697.9  | 705.4  | 707.2  | 705.4  | 707.7  | 710.8  | 710.8  | 710.8  | 709.9  |
| 7.5°   | 716.5 | 721.4 | 729.0  | 740.1  | 742.3  | 744.5  | 748.5  | 745.8  | 746.7  | 750.7  | 749.4  |
| 10°    | 742.3 | 749.4 | 757.8  | 767.1  | 772.0  | 775.1  | 776.9  | 780.9  | 790.2  | 779.6  | 783.6  |
| 12.5°  | 766.7 | 776.9 | 785.8  | 796.0  | 799.6  | 803.5  | 804.9  | 808.4  | 808.4  | 808.0  | 811.1  |
| 15°    | 782.7 | 792.0 | 800.0  | 806.7  | 807.5  | 806.7  | 805.8  | 806.2  | 807.5  | 802.2  | 805.3  |
| 17.5°  | 786.2 | 787.1 | 789.8  | 787.1  | 787.6  | 778.2  | 772.9  | 771.6  | 759.2  | 759.6  | 769.8  |
| 20°    | 768.9 | 753.8 | 749.8  | 735.2  | 726.3  | 702.3  | 701.4  | 694.8  | 668.6  | 676.6  | 674.8  |
| 22.5°  | 721.4 | 695.7 | 661.5  | 644.6  | 636.2  | 610.9  | 591.3  | 577.6  | 568.3  | 558.9  | 554.9  |
| 25°    | 658.8 | 617.1 | 568.7  | 535.4  | 530.5  | 507.0  | 471.0  | 454.2  | 434.2  | 428.0  | 438.6  |
| 27.5°  | 578.0 | 523.9 | 469.3  | 418.2  | 408.9  | 387.6  | 369.4  | 357.4  | 334.3  | 333.0  | 333.8  |
| 30°    | 468.4 | 413.8 | 368.0  | 334.7  | 311.7  | 301.9  | 289.9  | 281.0  | 271.7  | 275.2  | 276.1  |
| 32.5°  | 384.9 | 333.0 | 290.3  | 272.6  | 261.9  | 255.7  | 245.5  | 239.7  | 235.7  | 234.4  | 234.0  |
| 35°    | 305.9 | 271.3 | 252.2  | 234.8  | 228.6  | 224.2  | 216.6  | 214.0  | 210.4  | 210.9  | 210.9  |
| 37.5°  | 261.9 | 233.1 | 218.9  | 210.0  | 204.2  | 202.0  | 197.1  | 194.4  | 192.2  | 191.3  | 192.7  |
| 40°    | 226.0 | 206.0 | 197.1  | 189.1  | 184.2  | 183.4  | 180.7  | 177.6  | 174.9  | 175.4  | 176.7  |
| 42.5°  | 199.8 | 188.2 | 177.6  | 171.4  | 167.8  | 166.5  | 164.3  | 162.0  | 162.0  | 160.7  | 160.3  |
| 45°    | 178.9 | 169.6 | 160.7  | 154.9  | 152.7  | 150.9  | 148.3  | 147.8  | 146.1  | 146.5  | 146.9  |
| 47.5°  | 160.3 | 152.7 | 146.1  | 140.3  | 138.1  | 137.6  | 135.0  | 133.2  | 133.2  | 132.7  | 132.3  |
| 50°    | 143.4 | 135.8 | 130.1  | 127.0  | 123.9  | 123.0  | 122.5  | 122.1  | 121.2  | 121.2  | 121.6  |
| 52.5°  | 129.6 | 122.1 | 117.6  | 115.0  | 113.2  | 112.3  | 112.3  | 111.9  | 111.9  | 111.9  | 111.4  |
| 55°    | 114.5 | 108.3 | 104.8  | 103.9  | 103.0  | 102.6  | 102.1  | 101.2  | 100.8  | 101.7  | 100.8  |
| 57.5°  | 100.3 | 98.1  | 95.0   | 94.1   | 91.9   | 91.9   | 90.6   | 89.7   | 88.8   | 89.7   | 89.7   |
| 60°    | 89.2  | 86.1  | 84.4   | 81.7   | 79.9   | 78.1   | 75.9   | 75.5   | 74.6   | 74.1   | 73.7   |
| 62.5°  | 77.7  | 75.0  | 70.6   | 66.6   | 63.9   | 62.2   | 61.3   | 60.8   | 60.8   | 60.4   | 60.4   |
| 65°    | 64.8  | 58.6  | 56.4   | 55.0   | 54.6   | 54.2   | 53.3   | 52.8   | 53.3   | 52.8   | 53.3   |
| 67.5°  | 50.6  | 49.7  | 48.4   | 47.5   | 47.1   | 46.6   | 46.6   | 46.2   | 46.2   | 46.2   | 46.2   |
| 70°    | 44.0  | 41.7  | 41.3   | 40.4   | 40.4   | 40.0   | 40.0   | 40.0   | 40.0   | 39.5   | 40.4   |
| 72.5°  | 36.4  | 35.1  | 34.6   | 34.2   | 34.2   | 34.2   | 33.7   | 33.7   | 33.7   | 33.3   | 33.7   |
| 75°    | 29.7  | 29.3  | 28.4   | 28.4   | 28.0   | 28.4   | 28.0   | 28.0   | 27.5   | 28.0   | 28.0   |
| 77.5°  | 24.0  | 23.5  | 23.1   | 23.1   | 22.6   | 22.6   | 22.6   | 22.6   | 22.6   | 22.6   | 23.1   |
| 80°    | 18.2  | 17.8  | 17.3   | 17.8   | 17.3   | 17.8   | 17.3   | 17.3   | 17.8   | 17.3   | 17.3   |
| 82.5°  | 13.3  | 12.9  | 12.9   | 12.4   | 12.4   | 12.4   | 12.4   | 12.4   | 12.4   | 12.4   | 12.4   |
| 85°    | 8.0   | 7.5   | 7.5    | 8.0    | 7.5    | 8.0    | 7.5    | 7.5    | 7.5    | 8.0    | 8.0    |
| 87.5°  | 3.6   | 4.0   | 3.6    | 3.6    | 3.6    | 3.6    | 3.6    | 3.6    | 3.6    | 3.6    | 4.0    |
| 90°    | 25.3  | 24.5  | 23.0   | 24.5   | 24.9   | 25.3   | 25.3   | 25.3   | 25.3   | 25.3   | 25.3   |
| 92.5°  | 98.9  | 77.4  | 65.9   | 57.5   | 54.4   | 51.4   | 50.6   | 47.5   | 48.3   | 46.8   | 48.3   |
| 95°    | 263.0 | 200.9 | 154.1  | 121.9  | 113.4  | 105.0  | 95.1   | 88.9   | 86.6   | 87.4   | 86.6   |
| 97.5°  | 493.8 | 410.9 | 328.1  | 250.7  | 227.7  | 204.7  | 174.8  | 159.5  | 151.0  | 146.4  | 151.0  |
| 100°   | 716.1 | 700.0 | 604.9  | 499.9  | 453.5  | 407.1  | 343.5  | 310.5  | 288.3  | 274.5  | 288.3  |
| 102.5° | 798.9 | 889.4 | 886.3  | 816.5  | 766.7  | 716.9  | 646.3  | 584.2  | 555.1  | 535.2  | 555.1  |
| 105°   | 772.1 | 931.5 | 1018.2 | 1028.1 | 1015.4 | 1002.8 | 955.3  | 907.8  | 874.8  | 864.1  | 874.8  |
| 107.5° | 715.3 | 886.3 | 1015.1 | 1090.2 | 1105.6 | 1120.9 | 1120.1 | 1113.2 | 1103.3 | 1085.6 | 1103.3 |
| 110°   | 662.4 | 824.2 | 961.4  | 1059.6 | 1091.0 | 1122.4 | 1155.4 | 1170.0 | 1176.9 | 1176.1 | 1176.9 |

TEST NUMBER: P999609

CATALOG NUMBER: SA2XXRDIP-B290D725UB35-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 50°   | 55°   | 60°   | 65°    | 67.5°  | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    |
|--------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 625.6 | 767.5 | 897.8 | 1004.4 | 1041.6 | 1078.7 | 1127.8 | 1154.6 | 1169.2 | 1174.6 | 1169.2 |
| 115°   | 596.5 | 723.0 | 841.1 | 941.5  | 981.0  | 1020.5 | 1074.9 | 1110.2 | 1130.1 | 1137.0 | 1130.1 |
| 117.5° | 576.6 | 686.2 | 792.0 | 885.5  | 923.1  | 960.7  | 1016.6 | 1054.2 | 1074.9 | 1080.3 | 1074.9 |
| 120°   | 561.2 | 660.1 | 755.2 | 836.5  | 871.4  | 906.2  | 959.9  | 995.9  | 1018.2 | 1025.8 | 1018.2 |
| 122.5° | 548.2 | 639.4 | 724.5 | 800.4  | 831.1  | 861.8  | 908.5  | 943.8  | 963.0  | 969.1  | 963.0  |
| 125°   | 535.9 | 619.5 | 698.5 | 765.9  | 794.6  | 823.4  | 867.9  | 897.0  | 916.2  | 922.3  | 916.2  |
| 127.5° | 524.4 | 599.6 | 672.4 | 736.8  | 763.6  | 790.5  | 829.6  | 857.2  | 874.0  | 878.6  | 874.0  |
| 130°   | 512.9 | 580.4 | 646.3 | 706.9  | 732.2  | 757.5  | 795.1  | 821.1  | 836.5  | 842.6  | 836.5  |
| 132.5° | 503.7 | 562.0 | 621.8 | 676.2  | 699.6  | 723.0  | 759.8  | 785.9  | 799.7  | 805.0  | 799.7  |
| 135°   | 495.3 | 545.1 | 595.7 | 646.3  | 667.8  | 689.3  | 722.2  | 747.5  | 761.3  | 764.4  | 761.3  |
| 137.5° | 489.2 | 531.3 | 575.0 | 616.4  | 635.6  | 654.8  | 686.2  | 708.4  | 720.7  | 725.3  | 720.7  |
| 140°   | 483.8 | 518.3 | 555.1 | 590.4  | 607.2  | 624.1  | 648.6  | 668.6  | 680.1  | 684.7  | 680.1  |
| 142.5° | 478.4 | 507.6 | 537.5 | 566.6  | 580.0  | 593.4  | 616.4  | 634.1  | 644.0  | 644.0  | 644.0  |
| 145°   | 473.8 | 497.6 | 522.9 | 546.7  | 557.8  | 568.9  | 587.3  | 600.3  | 608.0  | 610.3  | 608.0  |
| 147.5° | 469.2 | 489.9 | 510.6 | 529.8  | 538.2  | 546.7  | 562.8  | 573.5  | 578.9  | 580.4  | 578.9  |
| 150°   | 463.1 | 481.5 | 498.4 | 514.5  | 521.4  | 528.3  | 539.8  | 549.0  | 553.6  | 554.3  | 553.6  |
| 152.5° | 457.7 | 473.1 | 488.4 | 501.4  | 507.2  | 512.9  | 521.4  | 529.0  | 532.1  | 532.1  | 532.1  |
| 155°   | 450.8 | 465.4 | 477.7 | 489.2  | 493.4  | 497.6  | 506.0  | 511.4  | 514.5  | 512.9  | 514.5  |
| 157.5° | 444.7 | 456.2 | 466.9 | 476.9  | 480.4  | 483.8  | 489.9  | 494.5  | 496.1  | 496.1  | 496.1  |
| 160°   | 437.8 | 447.8 | 456.2 | 464.6  | 467.3  | 470.0  | 475.4  | 479.2  | 480.0  | 480.0  | 480.0  |
| 162.5° | 431.7 | 439.3 | 446.2 | 453.1  | 455.0  | 457.0  | 462.3  | 464.6  | 465.4  | 464.6  | 465.4  |
| 165°   | 424.8 | 430.9 | 436.3 | 441.6  | 443.2  | 444.7  | 447.8  | 450.8  | 450.8  | 450.1  | 450.8  |
| 167.5° | 417.9 | 422.5 | 427.1 | 430.9  | 432.4  | 434.0  | 435.5  | 437.0  | 437.0  | 436.3  | 437.0  |
| 170°   | 412.5 | 416.3 | 418.6 | 421.7  | 422.4  | 423.2  | 424.0  | 426.3  | 425.5  | 424.0  | 425.5  |
| 172.5° | 407.1 | 409.4 | 410.9 | 413.3  | 413.6  | 414.0  | 414.8  | 415.6  | 414.8  | 414.0  | 414.8  |
| 175°   | 402.5 | 404.8 | 405.6 | 406.3  | 406.7  | 407.1  | 407.1  | 407.9  | 407.1  | 405.6  | 407.1  |
| 177.5° | 399.4 | 401.0 | 401.0 | 401.7  | 401.7  | 401.7  | 401.7  | 401.7  | 401.0  | 399.4  | 401.0  |
| 180°   | 398.7 | 398.7 | 398.7 | 398.7  | 398.7  | 398.7  | 398.7  | 398.7  | 398.7  | 398.7  | 398.7  |

TEST NUMBER: P999609

CATALOG NUMBER: SA2XXRDIP-B290D725UB35-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 100°   | 105°   | 110°   | 112.5° | 115°   | 120°   | 125°  | 130°  | 135°  | 140°  | 145°  |
|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|
| 0°     | 638.8  | 638.8  | 638.8  | 638.8  | 638.8  | 638.8  | 638.8 | 638.8 | 638.8 | 638.8 | 638.8 |
| 2.5°   | 673.5  | 670.4  | 669.5  | 670.4  | 669.5  | 669.9  | 666.8 | 655.3 | 658.4 | 653.5 | 656.2 |
| 5°     | 711.7  | 709.0  | 703.2  | 702.3  | 701.4  | 700.6  | 696.1 | 685.9 | 681.9 | 675.2 | 674.8 |
| 7.5°   | 748.1  | 748.1  | 743.6  | 740.5  | 736.5  | 733.4  | 727.6 | 712.5 | 706.3 | 698.3 | 693.9 |
| 10°    | 784.0  | 772.5  | 777.4  | 774.2  | 764.5  | 762.7  | 752.1 | 743.2 | 731.2 | 723.2 | 716.1 |
| 12.5°  | 809.8  | 806.2  | 801.8  | 799.1  | 796.4  | 790.7  | 783.6 | 760.9 | 754.7 | 738.7 | 730.7 |
| 15°    | 808.9  | 806.7  | 808.0  | 808.0  | 807.1  | 805.8  | 800.0 | 783.6 | 772.9 | 757.4 | 743.6 |
| 17.5°  | 765.4  | 771.1  | 776.9  | 780.9  | 789.8  | 793.8  | 799.1 | 789.3 | 782.7 | 769.4 | 754.7 |
| 20°    | 689.5  | 703.7  | 720.5  | 724.1  | 732.1  | 755.6  | 766.3 | 774.7 | 777.4 | 772.9 | 760.9 |
| 22.5°  | 583.8  | 595.8  | 636.6  | 635.7  | 647.3  | 675.2  | 706.3 | 731.6 | 751.6 | 762.7 | 758.3 |
| 25°    | 457.3  | 474.1  | 495.9  | 512.3  | 550.1  | 591.8  | 630.4 | 670.8 | 705.4 | 736.1 | 743.6 |
| 27.5°  | 345.8  | 368.0  | 385.3  | 407.1  | 426.2  | 475.5  | 525.2 | 588.2 | 628.6 | 686.8 | 717.0 |
| 30°    | 279.7  | 289.9  | 307.2  | 317.4  | 326.7  | 364.5  | 420.9 | 483.0 | 554.0 | 621.1 | 673.0 |
| 32.5°  | 238.8  | 245.9  | 258.8  | 263.3  | 273.0  | 298.3  | 333.8 | 390.7 | 463.9 | 545.2 | 613.5 |
| 35°    | 214.4  | 222.0  | 224.6  | 228.6  | 236.6  | 252.6  | 277.0 | 318.3 | 384.5 | 463.9 | 545.6 |
| 37.5°  | 193.6  | 197.6  | 205.1  | 207.8  | 210.4  | 222.4  | 238.8 | 267.7 | 311.7 | 376.9 | 467.5 |
| 40°    | 178.9  | 181.1  | 185.1  | 187.3  | 189.1  | 197.6  | 212.2 | 231.7 | 264.1 | 313.9 | 397.3 |
| 42.5°  | 163.4  | 166.0  | 168.7  | 171.4  | 173.6  | 180.2  | 189.1 | 207.8 | 229.5 | 267.3 | 327.6 |
| 45°    | 148.3  | 150.1  | 153.2  | 154.9  | 158.0  | 163.4  | 171.4 | 184.2 | 203.8 | 227.7 | 276.6 |
| 47.5°  | 134.5  | 136.7  | 138.1  | 140.3  | 142.5  | 148.3  | 155.8 | 164.3 | 180.2 | 203.8 | 239.3 |
| 50°    | 122.1  | 124.7  | 126.5  | 127.0  | 128.7  | 134.1  | 140.3 | 149.6 | 159.8 | 178.0 | 209.1 |
| 52.5°  | 113.2  | 113.7  | 115.0  | 116.8  | 116.3  | 119.4  | 125.2 | 132.3 | 143.0 | 157.6 | 180.2 |
| 55°    | 103.0  | 104.3  | 105.2  | 105.7  | 105.7  | 108.3  | 111.4 | 118.1 | 126.5 | 138.5 | 157.6 |
| 57.5°  | 90.1   | 91.5   | 94.1   | 95.0   | 96.3   | 97.7   | 99.0  | 103.4 | 110.5 | 122.1 | 137.6 |
| 60°    | 76.8   | 77.7   | 80.4   | 82.1   | 83.0   | 86.6   | 88.3  | 91.9  | 95.9  | 104.3 | 119.0 |
| 62.5°  | 61.7   | 62.6   | 63.9   | 65.7   | 67.5   | 72.8   | 77.2  | 80.8  | 83.9  | 89.7  | 101.7 |
| 65°    | 53.7   | 54.2   | 55.0   | 55.5   | 55.9   | 58.2   | 62.2  | 67.0  | 72.8  | 77.2  | 84.4  |
| 67.5°  | 46.6   | 47.1   | 47.5   | 48.4   | 48.8   | 49.3   | 51.1  | 52.4  | 58.2  | 64.4  | 69.7  |
| 70°    | 40.0   | 40.8   | 41.3   | 41.3   | 41.7   | 42.6   | 43.5  | 45.3  | 47.1  | 50.2  | 56.8  |
| 72.5°  | 33.7   | 34.2   | 35.1   | 35.1   | 35.1   | 36.0   | 36.8  | 37.7  | 38.6  | 40.4  | 43.1  |
| 75°    | 28.0   | 28.9   | 28.9   | 28.9   | 29.3   | 29.3   | 30.2  | 31.1  | 32.0  | 33.3  | 34.2  |
| 77.5°  | 23.1   | 23.1   | 23.1   | 23.1   | 23.5   | 23.5   | 24.0  | 24.9  | 25.3  | 25.7  | 26.6  |
| 80°    | 17.3   | 17.8   | 17.8   | 17.8   | 18.2   | 18.2   | 18.2  | 19.1  | 19.5  | 19.5  | 20.4  |
| 82.5°  | 12.9   | 12.9   | 12.9   | 13.3   | 12.9   | 13.3   | 13.3  | 13.8  | 13.3  | 13.8  | 14.2  |
| 85°    | 8.0    | 8.0    | 8.0    | 8.4    | 8.4    | 8.4    | 8.4   | 8.4   | 8.4   | 8.4   | 8.9   |
| 87.5°  | 4.0    | 4.0    | 4.0    | 4.0    | 4.0    | 4.0    | 4.0   | 4.0   | 4.4   | 4.0   | 4.0   |
| 90°    | 25.3   | 25.3   | 25.3   | 24.9   | 24.5   | 23.0   | 24.5  | 25.3  | 26.1  | 25.3  | 20.7  |
| 92.5°  | 47.5   | 50.6   | 51.4   | 54.4   | 57.5   | 65.9   | 77.4  | 98.9  | 118.1 | 116.5 | 90.5  |
| 95°    | 88.9   | 95.1   | 105.0  | 113.4  | 121.9  | 154.1  | 200.9 | 263.0 | 300.5 | 266.0 | 177.1 |
| 97.5°  | 159.5  | 174.8  | 204.7  | 227.7  | 250.7  | 328.1  | 410.9 | 493.8 | 489.9 | 378.7 | 235.4 |
| 100°   | 310.5  | 343.5  | 407.1  | 453.5  | 499.9  | 604.9  | 700.0 | 716.1 | 605.7 | 417.1 | 251.5 |
| 102.5° | 584.2  | 646.3  | 716.9  | 766.7  | 816.5  | 886.3  | 889.4 | 798.9 | 609.5 | 402.5 | 252.2 |
| 105°   | 907.8  | 955.3  | 1002.8 | 1015.4 | 1028.1 | 1018.2 | 931.5 | 772.1 | 568.1 | 382.6 | 256.1 |
| 107.5° | 1113.2 | 1120.1 | 1120.9 | 1105.6 | 1090.2 | 1015.1 | 886.3 | 715.3 | 529.8 | 371.8 | 264.5 |
| 110°   | 1170.0 | 1155.4 | 1122.4 | 1091.0 | 1059.6 | 961.4  | 824.2 | 662.4 | 503.7 | 368.8 | 275.2 |

TEST NUMBER: P999609

CATALOG NUMBER: SA2XXRDIP-B290D725UB35-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 100°   | 105°   | 110°   | 112.5° | 115°   | 120°  | 125°  | 130°  | 135°  | 140°  | 145°  |
|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|
| 112.5° | 1154.6 | 1127.8 | 1078.7 | 1041.6 | 1004.4 | 897.8 | 767.5 | 625.6 | 486.9 | 369.5 | 286.7 |
| 115°   | 1110.2 | 1074.9 | 1020.5 | 981.0  | 941.5  | 841.1 | 723.0 | 596.5 | 475.4 | 372.6 | 298.2 |
| 117.5° | 1054.2 | 1016.6 | 960.7  | 923.1  | 885.5  | 792.0 | 686.2 | 576.6 | 469.2 | 377.2 | 310.5 |
| 120°   | 995.9  | 959.9  | 906.2  | 871.4  | 836.5  | 755.2 | 660.1 | 561.2 | 463.9 | 381.8 | 322.8 |
| 122.5° | 943.8  | 908.5  | 861.8  | 831.1  | 800.4  | 724.5 | 639.4 | 548.2 | 460.8 | 387.2 | 333.5 |
| 125°   | 897.0  | 867.9  | 823.4  | 794.6  | 765.9  | 698.5 | 619.5 | 535.9 | 457.0 | 392.5 | 345.0 |
| 127.5° | 857.2  | 829.6  | 790.5  | 763.6  | 736.8  | 672.4 | 599.6 | 524.4 | 454.7 | 397.9 | 355.7 |
| 130°   | 821.1  | 795.1  | 757.5  | 732.2  | 706.9  | 646.3 | 580.4 | 512.9 | 453.1 | 404.0 | 365.7 |
| 132.5° | 785.9  | 759.8  | 723.0  | 699.6  | 676.2  | 621.8 | 562.0 | 503.7 | 452.4 | 410.2 | 375.7 |
| 135°   | 747.5  | 722.2  | 689.3  | 667.8  | 646.3  | 595.7 | 545.1 | 495.3 | 451.6 | 414.8 | 384.1 |
| 137.5° | 708.4  | 686.2  | 654.8  | 635.6  | 616.4  | 575.0 | 531.3 | 489.2 | 451.6 | 419.4 | 391.0 |
| 140°   | 668.6  | 648.6  | 624.1  | 607.2  | 590.4  | 555.1 | 518.3 | 483.8 | 450.8 | 422.5 | 396.4 |
| 142.5° | 634.1  | 616.4  | 593.4  | 580.0  | 566.6  | 537.5 | 507.6 | 478.4 | 450.8 | 424.8 | 401.0 |
| 145°   | 600.3  | 587.3  | 568.9  | 557.8  | 546.7  | 522.9 | 497.6 | 473.8 | 449.3 | 426.3 | 404.8 |
| 147.5° | 573.5  | 562.8  | 546.7  | 538.2  | 529.8  | 510.6 | 489.9 | 469.2 | 447.0 | 427.1 | 407.1 |
| 150°   | 549.0  | 539.8  | 528.3  | 521.4  | 514.5  | 498.4 | 481.5 | 463.1 | 444.7 | 426.3 | 408.6 |
| 152.5° | 529.0  | 521.4  | 512.9  | 507.2  | 501.4  | 488.4 | 473.1 | 457.7 | 440.9 | 424.8 | 409.4 |
| 155°   | 511.4  | 506.0  | 497.6  | 493.4  | 489.2  | 477.7 | 465.4 | 450.8 | 436.3 | 423.2 | 410.2 |
| 157.5° | 494.5  | 489.9  | 483.8  | 480.4  | 476.9  | 466.9 | 456.2 | 444.7 | 431.7 | 420.2 | 410.2 |
| 160°   | 479.2  | 475.4  | 470.0  | 467.3  | 464.6  | 456.2 | 447.8 | 437.8 | 427.1 | 417.9 | 410.2 |
| 162.5° | 464.6  | 462.3  | 457.0  | 455.0  | 453.1  | 446.2 | 439.3 | 431.7 | 423.2 | 415.6 | 409.4 |
| 165°   | 450.8  | 447.8  | 444.7  | 443.2  | 441.6  | 436.3 | 430.9 | 424.8 | 417.9 | 412.5 | 407.9 |
| 167.5° | 437.0  | 435.5  | 434.0  | 432.4  | 430.9  | 427.1 | 422.5 | 417.9 | 413.3 | 409.4 | 407.1 |
| 170°   | 426.3  | 424.0  | 423.2  | 422.4  | 421.7  | 418.6 | 416.3 | 412.5 | 409.4 | 407.1 | 405.6 |
| 172.5° | 415.6  | 414.8  | 414.0  | 413.6  | 413.3  | 410.9 | 409.4 | 407.1 | 404.8 | 404.0 | 403.3 |
| 175°   | 407.9  | 407.1  | 407.1  | 406.7  | 406.3  | 405.6 | 404.8 | 402.5 | 401.7 | 401.0 | 401.7 |
| 177.5° | 401.7  | 401.7  | 401.7  | 401.7  | 401.7  | 401.0 | 401.0 | 399.4 | 398.7 | 399.4 | 401.0 |
| 180°   | 398.7  | 398.7  | 398.7  | 398.7  | 398.7  | 398.7 | 398.7 | 398.7 | 398.7 | 398.7 | 398.7 |

TEST NUMBER: P999609

CATALOG NUMBER: SA2XXRDIP-B290D725UB35-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 150°  | 155°  | 157.5° | 160°  | 165°  | 170°  | 175°  | 180°  | 185°  | 190°  | 195°  |
|--------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 638.8 | 638.8 | 638.8  | 638.8 | 638.8 | 638.8 | 638.8 | 638.8 | 638.8 | 638.8 | 638.8 |
| 2.5°   | 652.2 | 649.9 | 649.9  | 648.6 | 648.6 | 641.5 | 641.5 | 643.7 | 641.1 | 638.0 | 633.5 |
| 5°     | 669.0 | 664.1 | 662.8  | 661.0 | 655.3 | 646.4 | 642.8 | 641.5 | 636.2 | 629.5 | 622.0 |
| 7.5°   | 685.0 | 677.0 | 673.0  | 669.0 | 661.5 | 649.1 | 642.0 | 637.1 | 629.1 | 618.9 | 609.1 |
| 10°    | 700.6 | 690.3 | 680.1  | 675.2 | 664.6 | 649.1 | 638.8 | 630.9 | 619.3 | 605.5 | 591.8 |
| 12.5°  | 714.8 | 693.4 | 691.7  | 681.9 | 666.4 | 648.6 | 633.1 | 621.5 | 606.9 | 590.9 | 574.9 |
| 15°    | 727.2 | 705.4 | 694.8  | 685.9 | 665.5 | 643.3 | 626.9 | 612.6 | 593.1 | 574.9 | 555.4 |
| 17.5°  | 733.4 | 709.9 | 702.8  | 688.1 | 667.3 | 638.4 | 616.2 | 598.9 | 577.6 | 555.8 | 533.6 |
| 20°    | 739.6 | 712.1 | 700.6  | 690.3 | 661.9 | 629.1 | 604.2 | 584.2 | 560.7 | 535.0 | 510.5 |
| 22.5°  | 742.7 | 712.1 | 698.3  | 684.1 | 656.6 | 618.9 | 589.6 | 566.0 | 538.5 | 512.3 | 483.0 |
| 25°    | 737.4 | 709.4 | 693.0  | 678.4 | 647.3 | 606.4 | 572.7 | 546.1 | 516.8 | 487.0 | 457.3 |
| 27.5°  | 724.1 | 703.2 | 684.1  | 669.0 | 634.4 | 590.5 | 554.9 | 524.7 | 494.6 | 461.3 | 431.1 |
| 30°    | 699.2 | 689.9 | 674.8  | 657.9 | 620.2 | 576.2 | 534.1 | 503.0 | 469.7 | 436.4 | 404.9 |
| 32.5°  | 660.6 | 668.6 | 658.8  | 644.2 | 603.3 | 556.7 | 511.9 | 480.4 | 443.9 | 408.0 | 379.1 |
| 35°    | 613.5 | 642.0 | 636.6  | 626.4 | 585.6 | 535.8 | 491.0 | 452.8 | 416.4 | 380.0 | 351.2 |
| 37.5°  | 562.0 | 605.1 | 609.5  | 603.3 | 565.1 | 514.5 | 465.3 | 428.0 | 390.7 | 353.8 | 324.5 |
| 40°    | 491.5 | 557.6 | 571.8  | 574.5 | 543.8 | 488.8 | 437.3 | 400.9 | 364.0 | 328.1 | 292.6 |
| 42.5°  | 426.6 | 510.1 | 527.9  | 539.0 | 516.8 | 463.5 | 411.5 | 371.1 | 334.7 | 302.3 | 266.8 |
| 45°    | 365.8 | 452.8 | 481.7  | 495.9 | 486.1 | 434.6 | 380.9 | 343.2 | 309.9 | 280.1 | 245.9 |
| 47.5°  | 303.2 | 390.7 | 431.1  | 453.7 | 453.7 | 405.3 | 351.6 | 314.3 | 282.4 | 257.0 | 226.9 |
| 50°    | 261.5 | 334.3 | 376.0  | 405.8 | 413.8 | 375.6 | 325.0 | 288.6 | 258.4 | 230.9 | 207.8 |
| 52.5°  | 222.9 | 288.1 | 322.8  | 353.8 | 376.9 | 343.6 | 295.2 | 262.4 | 232.6 | 206.9 | 188.7 |
| 55°    | 192.7 | 241.5 | 273.0  | 307.2 | 333.0 | 311.2 | 266.4 | 234.4 | 208.7 | 187.3 | 171.8 |
| 57.5°  | 163.8 | 206.4 | 232.2  | 262.4 | 289.9 | 273.5 | 237.5 | 210.0 | 187.3 | 168.7 | 154.9 |
| 60°    | 139.4 | 174.0 | 194.0  | 217.5 | 251.7 | 240.2 | 210.4 | 185.1 | 166.9 | 150.1 | 138.5 |
| 62.5°  | 118.5 | 146.1 | 162.9  | 179.8 | 210.9 | 205.5 | 182.5 | 162.9 | 147.4 | 133.2 | 123.4 |
| 65°    | 97.2  | 119.9 | 133.2  | 147.8 | 172.7 | 174.9 | 156.3 | 142.5 | 128.3 | 115.9 | 107.0 |
| 67.5°  | 78.6  | 96.3  | 108.3  | 120.8 | 140.7 | 146.9 | 134.1 | 122.5 | 110.5 | 100.3 | 92.3  |
| 70°    | 63.5  | 75.9  | 84.8   | 94.6  | 111.0 | 118.5 | 111.9 | 103.9 | 94.1  | 85.7  | 78.6  |
| 72.5°  | 50.2  | 58.2  | 63.5   | 71.0  | 84.4  | 91.9  | 91.5  | 84.4  | 77.2  | 71.5  | 65.7  |
| 75°    | 36.8  | 43.1  | 47.5   | 52.4  | 63.0  | 70.1  | 71.9  | 68.8  | 61.7  | 57.3  | 52.8  |
| 77.5°  | 28.0  | 31.5  | 33.7   | 37.3  | 44.8  | 51.1  | 53.7  | 52.8  | 47.9  | 44.4  | 41.3  |
| 80°    | 21.3  | 22.2  | 23.1   | 24.4  | 30.6  | 36.4  | 38.2  | 37.7  | 35.1  | 33.7  | 30.2  |
| 82.5°  | 15.1  | 15.5  | 16.0   | 16.4  | 18.6  | 23.5  | 25.3  | 26.2  | 24.0  | 22.6  | 19.5  |
| 85°    | 8.9   | 9.3   | 9.3    | 10.2  | 10.7  | 12.0  | 15.1  | 15.1  | 14.7  | 12.9  | 12.4  |
| 87.5°  | 4.4   | 4.4   | 4.0    | 4.0   | 4.4   | 4.9   | 5.8   | 6.7   | 5.8   | 5.3   | 4.9   |
| 90°    | 15.3  | 11.5  | 10.4   | 9.2   | 7.7   | 6.1   | 3.1   | 0.8   | 3.1   | 6.1   | 7.7   |
| 92.5°  | 61.3  | 40.6  | 36.4   | 32.2  | 26.1  | 22.2  | 16.1  | 11.5  | 16.1  | 22.2  | 26.1  |
| 95°    | 110.4 | 75.1  | 65.9   | 56.7  | 44.5  | 37.6  | 29.9  | 26.8  | 29.9  | 37.6  | 44.5  |
| 97.5°  | 142.6 | 97.4  | 87.1   | 76.7  | 62.9  | 52.9  | 44.5  | 39.9  | 44.5  | 52.9  | 62.9  |
| 100°   | 157.9 | 117.3 | 106.6  | 95.8  | 80.5  | 68.2  | 61.3  | 59.0  | 61.3  | 68.2  | 80.5  |
| 102.5° | 171.7 | 134.9 | 124.2  | 113.5 | 97.4  | 85.1  | 78.2  | 76.7  | 78.2  | 85.1  | 97.4  |
| 105°   | 187.8 | 151.8 | 141.0  | 130.3 | 113.5 | 102.0 | 96.6  | 93.5  | 96.6  | 102.0 | 113.5 |
| 107.5° | 203.9 | 168.7 | 158.0  | 147.2 | 130.3 | 119.6 | 114.2 | 111.9 | 114.2 | 119.6 | 130.3 |
| 110°   | 220.0 | 186.3 | 175.2  | 164.1 | 148.0 | 138.0 | 133.4 | 130.3 | 133.4 | 138.0 | 148.0 |

TEST NUMBER: P999609

CATALOG NUMBER: SA2XXRDIP-B290D725UB35-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 150°  | 155°  | 157.5° | 160°  | 165°  | 170°  | 175°  | 180°  | 185°  | 190°  | 195°  |
|--------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 235.4 | 203.2 | 191.7  | 180.2 | 164.8 | 155.6 | 150.3 | 147.2 | 150.3 | 155.6 | 164.8 |
| 115°   | 251.5 | 218.5 | 208.2  | 197.8 | 182.5 | 173.3 | 168.7 | 164.8 | 168.7 | 173.3 | 182.5 |
| 117.5° | 266.0 | 235.4 | 224.6  | 213.9 | 199.3 | 190.9 | 186.3 | 183.2 | 186.3 | 190.9 | 199.3 |
| 120°   | 281.4 | 251.5 | 240.8  | 230.0 | 214.7 | 207.8 | 203.2 | 200.1 | 203.2 | 207.8 | 214.7 |
| 122.5° | 295.9 | 268.3 | 257.2  | 246.1 | 230.8 | 223.1 | 218.5 | 216.2 | 218.5 | 223.1 | 230.8 |
| 125°   | 310.5 | 282.9 | 272.2  | 261.4 | 246.1 | 236.9 | 232.3 | 230.0 | 232.3 | 236.9 | 246.1 |
| 127.5° | 324.3 | 297.5 | 286.4  | 275.2 | 260.7 | 250.7 | 244.6 | 241.5 | 244.6 | 250.7 | 260.7 |
| 130°   | 336.6 | 309.7 | 299.0  | 288.3 | 272.9 | 262.2 | 254.5 | 251.5 | 254.5 | 262.2 | 272.9 |
| 132.5° | 347.3 | 322.0 | 311.2  | 300.5 | 284.4 | 272.9 | 264.5 | 260.7 | 264.5 | 272.9 | 284.4 |
| 135°   | 357.3 | 332.7 | 322.0  | 311.3 | 293.6 | 282.1 | 272.9 | 269.9 | 272.9 | 282.1 | 293.6 |
| 137.5° | 365.7 | 341.2 | 331.2  | 321.2 | 303.6 | 291.3 | 282.1 | 278.3 | 282.1 | 291.3 | 303.6 |
| 140°   | 372.6 | 349.6 | 339.6  | 329.7 | 312.8 | 300.5 | 291.3 | 288.3 | 291.3 | 300.5 | 312.8 |
| 142.5° | 378.0 | 355.7 | 346.5  | 337.3 | 321.2 | 309.0 | 300.5 | 298.2 | 300.5 | 309.0 | 321.2 |
| 145°   | 383.3 | 362.6 | 354.2  | 345.8 | 330.4 | 318.9 | 311.3 | 308.2 | 311.3 | 318.9 | 330.4 |
| 147.5° | 387.9 | 368.0 | 360.4  | 352.7 | 339.6 | 328.9 | 321.2 | 318.9 | 321.2 | 328.9 | 339.6 |
| 150°   | 391.0 | 373.4 | 366.5  | 359.6 | 348.1 | 338.1 | 332.0 | 329.7 | 332.0 | 338.1 | 348.1 |
| 152.5° | 394.1 | 378.7 | 372.6  | 366.5 | 355.7 | 347.3 | 341.2 | 340.4 | 341.2 | 347.3 | 355.7 |
| 155°   | 397.1 | 384.1 | 378.4  | 372.6 | 364.2 | 355.7 | 351.1 | 350.4 | 351.1 | 355.7 | 364.2 |
| 157.5° | 399.4 | 387.9 | 383.0  | 378.0 | 371.1 | 363.4 | 359.6 | 358.8 | 359.6 | 363.4 | 371.1 |
| 160°   | 401.0 | 391.8 | 387.6  | 383.3 | 377.2 | 371.1 | 368.0 | 367.2 | 368.0 | 371.1 | 377.2 |
| 162.5° | 401.7 | 394.1 | 391.0  | 387.9 | 382.6 | 378.0 | 374.9 | 375.7 | 374.9 | 378.0 | 382.6 |
| 165°   | 402.5 | 395.6 | 393.3  | 391.0 | 387.2 | 382.6 | 381.0 | 381.8 | 381.0 | 382.6 | 387.2 |
| 167.5° | 402.5 | 397.1 | 395.6  | 394.1 | 391.0 | 387.9 | 386.4 | 387.2 | 386.4 | 387.9 | 391.0 |
| 170°   | 401.7 | 397.9 | 396.8  | 395.6 | 394.1 | 391.8 | 391.0 | 392.5 | 391.0 | 391.8 | 394.1 |
| 172.5° | 401.0 | 398.7 | 397.9  | 397.1 | 396.4 | 394.1 | 394.8 | 395.6 | 394.8 | 394.1 | 396.4 |
| 175°   | 400.2 | 398.7 | 398.3  | 397.9 | 397.9 | 396.4 | 397.1 | 397.9 | 397.1 | 396.4 | 397.9 |
| 177.5° | 399.4 | 398.7 | 398.7  | 398.7 | 398.7 | 397.1 | 397.9 | 399.4 | 397.9 | 397.1 | 398.7 |
| 180°   | 398.7 | 398.7 | 398.7  | 398.7 | 398.7 | 398.7 | 398.7 | 398.7 | 398.7 | 398.7 | 398.7 |

TEST NUMBER: P999609

CATALOG NUMBER: SA2XXRDIP-B290D725UB35-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 200°  | 202.5° | 205°  | 210°  | 215°  | 220°  | 225°  | 230°  | 235°  | 240°   | 245°   |
|--------|-------|--------|-------|-------|-------|-------|-------|-------|-------|--------|--------|
| 0°     | 638.8 | 638.8  | 638.8 | 638.8 | 638.8 | 638.8 | 638.8 | 638.8 | 638.8 | 638.8  | 638.8  |
| 2.5°   | 631.7 | 632.2  | 633.5 | 629.5 | 623.3 | 620.6 | 612.6 | 611.3 | 610.0 | 610.0  | 611.3  |
| 5°     | 617.5 | 615.8  | 616.2 | 608.7 | 599.8 | 594.4 | 583.3 | 585.1 | 579.4 | 575.8  | 576.7  |
| 7.5°   | 602.0 | 597.1  | 596.7 | 586.9 | 575.8 | 566.0 | 554.5 | 551.8 | 546.5 | 540.3  | 537.6  |
| 10°    | 582.5 | 578.9  | 572.3 | 561.2 | 546.9 | 539.0 | 523.4 | 514.1 | 512.8 | 503.4  | 499.9  |
| 12.5°  | 562.5 | 556.3  | 549.6 | 534.1 | 518.1 | 505.2 | 493.7 | 483.5 | 476.4 | 468.4  | 463.0  |
| 15°    | 539.4 | 531.9  | 524.3 | 507.9 | 489.2 | 476.4 | 459.0 | 443.9 | 423.1 | 406.7  | 397.3  |
| 17.5°  | 514.1 | 505.7  | 495.4 | 477.2 | 459.0 | 441.3 | 409.3 | 391.6 | 376.9 | 367.1  | 361.4  |
| 20°    | 487.9 | 478.6  | 468.4 | 450.2 | 418.6 | 387.6 | 369.8 | 356.0 | 347.2 | 337.4  | 330.3  |
| 22.5°  | 460.4 | 450.6  | 439.5 | 411.1 | 377.8 | 356.0 | 342.3 | 329.4 | 316.5 | 311.2  | 307.7  |
| 25°    | 434.6 | 425.7  | 411.5 | 372.9 | 346.7 | 326.7 | 311.2 | 302.8 | 296.1 | 289.0  | 282.4  |
| 27.5°  | 408.0 | 391.6  | 371.6 | 339.2 | 322.8 | 302.3 | 291.2 | 285.0 | 273.5 | 268.6  | 265.5  |
| 30°    | 376.0 | 357.8  | 338.7 | 315.6 | 296.6 | 282.4 | 272.1 | 261.9 | 255.3 | 250.4  | 245.1  |
| 32.5°  | 343.6 | 326.3  | 314.3 | 290.3 | 276.1 | 261.5 | 251.7 | 245.5 | 235.7 | 232.6  | 230.4  |
| 35°    | 315.6 | 301.0  | 290.3 | 270.8 | 257.5 | 244.2 | 237.1 | 227.7 | 221.5 | 215.8  | 212.2  |
| 37.5°  | 288.1 | 280.1  | 269.0 | 252.6 | 238.4 | 227.7 | 218.0 | 214.9 | 206.4 | 203.3  | 199.8  |
| 40°    | 269.0 | 257.0  | 247.7 | 233.5 | 221.5 | 210.0 | 203.8 | 196.7 | 190.9 | 186.0  | 184.7  |
| 42.5°  | 245.9 | 237.1  | 231.7 | 216.2 | 203.8 | 197.1 | 189.6 | 181.6 | 177.1 | 173.1  | 168.3  |
| 45°    | 228.6 | 220.6  | 213.1 | 200.7 | 189.6 | 181.1 | 174.5 | 169.1 | 161.6 | 159.8  | 152.3  |
| 47.5°  | 210.4 | 202.4  | 196.7 | 184.2 | 174.0 | 166.0 | 161.2 | 154.1 | 147.8 | 143.8  | 140.3  |
| 50°    | 192.2 | 185.6  | 180.2 | 169.6 | 160.7 | 152.3 | 145.6 | 138.5 | 135.8 | 129.2  | 127.0  |
| 52.5°  | 174.9 | 170.5  | 164.7 | 154.5 | 145.6 | 138.5 | 131.4 | 125.6 | 121.6 | 118.1  | 115.4  |
| 55°    | 160.3 | 153.2  | 150.5 | 139.4 | 131.9 | 124.3 | 118.1 | 114.5 | 109.7 | 107.4  | 105.2  |
| 57.5°  | 143.8 | 139.8  | 135.4 | 127.0 | 118.5 | 111.4 | 107.0 | 101.7 | 99.0  | 96.3   | 94.6   |
| 60°    | 129.6 | 123.9  | 120.3 | 113.2 | 105.7 | 99.0  | 95.0  | 91.0  | 87.5  | 85.2   | 81.7   |
| 62.5°  | 113.2 | 108.8  | 106.5 | 99.0  | 92.8  | 86.6  | 83.0  | 79.0  | 76.4  | 72.4   | 67.9   |
| 65°    | 99.0  | 95.4   | 92.8  | 86.6  | 80.8  | 75.0  | 71.5  | 66.6  | 63.0  | 60.8   | 60.4   |
| 67.5°  | 86.6  | 83.9   | 79.9  | 74.1  | 68.4  | 63.9  | 59.9  | 55.9  | 55.5  | 54.6   | 54.6   |
| 70°    | 72.8  | 70.1   | 67.9  | 61.7  | 56.8  | 51.9  | 51.1  | 49.7  | 48.4  | 47.9   | 47.1   |
| 72.5°  | 60.8  | 58.6   | 55.9  | 50.6  | 45.7  | 44.4  | 43.5  | 42.6  | 41.3  | 40.8   | 40.4   |
| 75°    | 49.3  | 46.2   | 44.4  | 39.5  | 38.2  | 37.3  | 36.4  | 35.1  | 34.2  | 33.7   | 32.9   |
| 77.5°  | 37.7  | 34.6   | 34.6  | 32.0  | 31.1  | 29.7  | 28.9  | 28.0  | 27.5  | 26.6   | 26.6   |
| 80°    | 26.6  | 26.6   | 25.7  | 24.4  | 23.1  | 22.6  | 21.3  | 20.9  | 20.4  | 20.9   | 20.0   |
| 82.5°  | 19.5  | 17.8   | 17.8  | 16.9  | 16.0  | 15.5  | 14.7  | 14.7  | 14.2  | 14.2   | 14.2   |
| 85°    | 11.1  | 11.1   | 10.7  | 9.8   | 9.3   | 9.3   | 8.9   | 8.9   | 8.4   | 8.4    | 8.0    |
| 87.5°  | 4.4   | 4.0    | 4.4   | 4.0   | 4.0   | 3.6   | 3.6   | 3.6   | 3.1   | 3.6    | 3.1    |
| 90°    | 9.2   | 10.4   | 11.5  | 15.3  | 20.7  | 25.3  | 26.1  | 25.3  | 24.5  | 23.0   | 24.5   |
| 92.5°  | 32.2  | 36.4   | 40.6  | 61.3  | 90.5  | 116.5 | 118.1 | 98.9  | 77.4  | 65.9   | 57.5   |
| 95°    | 56.7  | 65.9   | 75.1  | 110.4 | 177.1 | 266.0 | 300.5 | 263.0 | 200.9 | 154.1  | 121.9  |
| 97.5°  | 76.7  | 87.1   | 97.4  | 142.6 | 235.4 | 378.7 | 489.9 | 493.8 | 410.9 | 328.1  | 250.7  |
| 100°   | 95.8  | 106.6  | 117.3 | 157.9 | 251.5 | 417.1 | 605.7 | 716.1 | 700.0 | 604.9  | 499.9  |
| 102.5° | 113.5 | 124.2  | 134.9 | 171.7 | 252.2 | 402.5 | 609.5 | 798.9 | 889.4 | 886.3  | 816.5  |
| 105°   | 130.3 | 141.0  | 151.8 | 187.8 | 256.1 | 382.6 | 568.1 | 772.1 | 931.5 | 1018.2 | 1028.1 |
| 107.5° | 147.2 | 158.0  | 168.7 | 203.9 | 264.5 | 371.8 | 529.8 | 715.3 | 886.3 | 1015.1 | 1090.2 |
| 110°   | 164.1 | 175.2  | 186.3 | 220.0 | 275.2 | 368.8 | 503.7 | 662.4 | 824.2 | 961.4  | 1059.6 |

TEST NUMBER: P999609

CATALOG NUMBER: SA2XXRDIP-B290D725UB35-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 200°  | 202.5° | 205°  | 210°  | 215°  | 220°  | 225°  | 230°  | 235°  | 240°  | 245°   |
|--------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 112.5° | 180.2 | 191.7  | 203.2 | 235.4 | 286.7 | 369.5 | 486.9 | 625.6 | 767.5 | 897.8 | 1004.4 |
| 115°   | 197.8 | 208.2  | 218.5 | 251.5 | 298.2 | 372.6 | 475.4 | 596.5 | 723.0 | 841.1 | 941.5  |
| 117.5° | 213.9 | 224.6  | 235.4 | 266.0 | 310.5 | 377.2 | 469.2 | 576.6 | 686.2 | 792.0 | 885.5  |
| 120°   | 230.0 | 240.8  | 251.5 | 281.4 | 322.8 | 381.8 | 463.9 | 561.2 | 660.1 | 755.2 | 836.5  |
| 122.5° | 246.1 | 257.2  | 268.3 | 295.9 | 333.5 | 387.2 | 460.8 | 548.2 | 639.4 | 724.5 | 800.4  |
| 125°   | 261.4 | 272.2  | 282.9 | 310.5 | 345.0 | 392.5 | 457.0 | 535.9 | 619.5 | 698.5 | 765.9  |
| 127.5° | 275.2 | 286.4  | 297.5 | 324.3 | 355.7 | 397.9 | 454.7 | 524.4 | 599.6 | 672.4 | 736.8  |
| 130°   | 288.3 | 299.0  | 309.7 | 336.6 | 365.7 | 404.0 | 453.1 | 512.9 | 580.4 | 646.3 | 706.9  |
| 132.5° | 300.5 | 311.2  | 322.0 | 347.3 | 375.7 | 410.2 | 452.4 | 503.7 | 562.0 | 621.8 | 676.2  |
| 135°   | 311.3 | 322.0  | 332.7 | 357.3 | 384.1 | 414.8 | 451.6 | 495.3 | 545.1 | 595.7 | 646.3  |
| 137.5° | 321.2 | 331.2  | 341.2 | 365.7 | 391.0 | 419.4 | 451.6 | 489.2 | 531.3 | 575.0 | 616.4  |
| 140°   | 329.7 | 339.6  | 349.6 | 372.6 | 396.4 | 422.5 | 450.8 | 483.8 | 518.3 | 555.1 | 590.4  |
| 142.5° | 337.3 | 346.5  | 355.7 | 378.0 | 401.0 | 424.8 | 450.8 | 478.4 | 507.6 | 537.5 | 566.6  |
| 145°   | 345.8 | 354.2  | 362.6 | 383.3 | 404.8 | 426.3 | 449.3 | 473.8 | 497.6 | 522.9 | 546.7  |
| 147.5° | 352.7 | 360.4  | 368.0 | 387.9 | 407.1 | 427.1 | 447.0 | 469.2 | 489.9 | 510.6 | 529.8  |
| 150°   | 359.6 | 366.5  | 373.4 | 391.0 | 408.6 | 426.3 | 444.7 | 463.1 | 481.5 | 498.4 | 514.5  |
| 152.5° | 366.5 | 372.6  | 378.7 | 394.1 | 409.4 | 424.8 | 440.9 | 457.7 | 473.1 | 488.4 | 501.4  |
| 155°   | 372.6 | 378.4  | 384.1 | 397.1 | 410.2 | 423.2 | 436.3 | 450.8 | 465.4 | 477.7 | 489.2  |
| 157.5° | 378.0 | 383.0  | 387.9 | 399.4 | 410.2 | 420.2 | 431.7 | 444.7 | 456.2 | 466.9 | 476.9  |
| 160°   | 383.3 | 387.6  | 391.8 | 401.0 | 410.2 | 417.9 | 427.1 | 437.8 | 447.8 | 456.2 | 464.6  |
| 162.5° | 387.9 | 391.0  | 394.1 | 401.7 | 409.4 | 415.6 | 423.2 | 431.7 | 439.3 | 446.2 | 453.1  |
| 165°   | 391.0 | 393.3  | 395.6 | 402.5 | 407.9 | 412.5 | 417.9 | 424.8 | 430.9 | 436.3 | 441.6  |
| 167.5° | 394.1 | 395.6  | 397.1 | 402.5 | 407.1 | 409.4 | 413.3 | 417.9 | 422.5 | 427.1 | 430.9  |
| 170°   | 395.6 | 396.8  | 397.9 | 401.7 | 405.6 | 407.1 | 409.4 | 412.5 | 416.3 | 418.6 | 421.7  |
| 172.5° | 397.1 | 397.9  | 398.7 | 401.0 | 403.3 | 404.0 | 404.8 | 407.1 | 409.4 | 410.9 | 413.3  |
| 175°   | 397.9 | 398.3  | 398.7 | 400.2 | 401.7 | 401.0 | 401.7 | 402.5 | 404.8 | 405.6 | 406.3  |
| 177.5° | 398.7 | 398.7  | 398.7 | 399.4 | 401.0 | 399.4 | 398.7 | 399.4 | 401.0 | 401.0 | 401.7  |
| 180°   | 398.7 | 398.7  | 398.7 | 398.7 | 398.7 | 398.7 | 398.7 | 398.7 | 398.7 | 398.7 | 398.7  |

TEST NUMBER: P999609

CATALOG NUMBER: SA2XXRDIP-B290D725UB35-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°   | 255°   | 260°   | 265°   | 270°   | 275°   | 280°   | 285°   | 290°   | 292.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 638.8  | 638.8  | 638.8  | 638.8  | 638.8  | 638.8  | 638.8  | 638.8  | 638.8  | 638.8  | 638.8  |
| 2.5°   | 611.3  | 610.4  | 607.8  | 608.7  | 607.3  | 607.3  | 606.4  | 606.4  | 606.4  | 608.7  | 607.3  |
| 5°     | 578.0  | 574.9  | 571.8  | 570.5  | 569.1  | 567.8  | 567.8  | 567.4  | 571.4  | 570.5  | 574.0  |
| 7.5°   | 536.7  | 535.8  | 529.6  | 529.6  | 527.4  | 526.5  | 528.7  | 529.2  | 529.6  | 530.5  | 532.7  |
| 10°    | 499.9  | 497.7  | 488.8  | 489.7  | 488.3  | 486.6  | 487.9  | 487.0  | 490.1  | 491.0  | 490.1  |
| 12.5°  | 456.4  | 452.4  | 442.6  | 437.7  | 432.4  | 428.4  | 433.3  | 429.7  | 442.2  | 445.7  | 455.5  |
| 15°    | 398.7  | 391.1  | 384.5  | 384.5  | 379.6  | 376.0  | 378.2  | 382.2  | 384.9  | 388.9  | 390.7  |
| 17.5°  | 360.0  | 356.9  | 351.6  | 348.5  | 347.2  | 345.8  | 345.8  | 347.6  | 353.4  | 352.9  | 356.5  |
| 20°    | 327.2  | 325.4  | 322.8  | 318.8  | 317.4  | 316.5  | 316.5  | 316.5  | 320.5  | 324.1  | 326.3  |
| 22.5°  | 304.5  | 303.2  | 301.4  | 296.1  | 293.5  | 292.6  | 294.8  | 296.1  | 299.2  | 301.9  | 304.1  |
| 25°    | 281.9  | 278.8  | 275.7  | 273.9  | 272.6  | 272.6  | 273.5  | 273.9  | 275.2  | 276.6  | 279.2  |
| 27.5°  | 263.3  | 261.0  | 256.6  | 251.7  | 251.7  | 250.4  | 251.3  | 252.2  | 255.3  | 259.7  | 261.9  |
| 30°    | 242.4  | 242.0  | 240.2  | 238.4  | 236.6  | 235.7  | 237.5  | 238.8  | 239.3  | 241.5  | 241.5  |
| 32.5°  | 227.3  | 224.2  | 221.1  | 219.3  | 218.4  | 218.0  | 218.4  | 220.2  | 220.2  | 222.9  | 226.0  |
| 35°    | 212.2  | 210.4  | 207.3  | 204.2  | 203.3  | 201.1  | 202.9  | 204.7  | 207.8  | 209.1  | 210.4  |
| 37.5°  | 195.8  | 193.6  | 192.2  | 191.3  | 189.6  | 190.0  | 188.7  | 191.3  | 194.0  | 193.6  | 194.4  |
| 40°    | 183.4  | 179.4  | 175.4  | 174.9  | 174.5  | 174.0  | 174.0  | 174.5  | 176.2  | 178.0  | 180.7  |
| 42.5°  | 167.4  | 166.0  | 162.5  | 158.9  | 158.0  | 157.2  | 156.3  | 158.0  | 161.6  | 164.7  | 166.0  |
| 45°    | 150.9  | 149.2  | 148.3  | 145.6  | 143.8  | 143.4  | 142.5  | 144.7  | 147.8  | 149.2  | 150.1  |
| 47.5°  | 135.8  | 135.4  | 132.7  | 133.2  | 131.9  | 132.3  | 131.9  | 133.2  | 133.2  | 134.5  | 135.4  |
| 50°    | 125.6  | 124.3  | 123.0  | 122.1  | 120.8  | 120.8  | 120.3  | 120.8  | 122.5  | 124.3  | 123.9  |
| 52.5°  | 115.4  | 113.2  | 112.8  | 112.3  | 111.4  | 112.3  | 111.0  | 111.4  | 113.2  | 114.1  | 113.7  |
| 55°    | 103.4  | 103.0  | 102.1  | 101.2  | 100.8  | 100.3  | 100.3  | 100.3  | 102.1  | 103.4  | 103.9  |
| 57.5°  | 94.1   | 91.9   | 90.1   | 90.1   | 88.3   | 87.9   | 88.8   | 89.2   | 90.6   | 91.5   | 92.3   |
| 60°    | 81.2   | 80.4   | 77.7   | 76.4   | 73.7   | 73.3   | 73.3   | 75.0   | 77.2   | 80.4   | 81.2   |
| 62.5°  | 67.5   | 66.1   | 65.7   | 65.7   | 65.7   | 65.7   | 65.7   | 65.7   | 65.7   | 66.1   | 66.1   |
| 65°    | 59.9   | 60.4   | 59.9   | 59.5   | 59.9   | 59.9   | 59.5   | 59.5   | 59.5   | 59.9   | 60.4   |
| 67.5°  | 53.7   | 53.3   | 53.7   | 53.3   | 52.8   | 52.8   | 52.4   | 52.8   | 53.3   | 53.7   | 53.7   |
| 70°    | 46.6   | 46.6   | 46.2   | 46.6   | 46.2   | 45.7   | 45.3   | 45.3   | 46.2   | 46.6   | 46.6   |
| 72.5°  | 40.0   | 40.0   | 39.5   | 39.5   | 38.6   | 38.6   | 39.1   | 38.6   | 38.6   | 40.0   | 40.0   |
| 75°    | 33.3   | 32.9   | 32.4   | 32.4   | 32.0   | 32.0   | 32.0   | 31.5   | 32.4   | 32.4   | 32.9   |
| 77.5°  | 26.2   | 26.2   | 26.2   | 25.7   | 25.7   | 25.3   | 25.3   | 25.7   | 25.7   | 25.7   | 26.2   |
| 80°    | 20.0   | 20.0   | 20.0   | 19.5   | 19.1   | 19.1   | 19.1   | 19.1   | 19.1   | 19.5   | 19.1   |
| 82.5°  | 13.8   | 13.8   | 13.8   | 13.8   | 13.8   | 13.3   | 13.3   | 13.3   | 13.8   | 13.8   | 13.3   |
| 85°    | 8.4    | 8.0    | 8.4    | 8.4    | 8.0    | 8.4    | 8.0    | 8.0    | 7.5    | 7.5    | 8.0    |
| 87.5°  | 3.6    | 3.1    | 2.7    | 2.7    | 3.1    | 2.7    | 2.7    | 2.7    | 3.1    | 2.7    | 2.7    |
| 90°    | 24.9   | 25.3   | 25.3   | 25.3   | 25.3   | 25.3   | 25.3   | 25.3   | 25.3   | 25.3   | 24.9   |
| 92.5°  | 54.4   | 51.4   | 50.6   | 47.5   | 48.3   | 46.8   | 48.3   | 47.5   | 50.6   | 51.4   | 54.4   |
| 95°    | 113.4  | 105.0  | 95.1   | 88.9   | 86.6   | 87.4   | 86.6   | 88.9   | 95.1   | 105.0  | 113.4  |
| 97.5°  | 227.7  | 204.7  | 174.8  | 159.5  | 151.0  | 146.4  | 151.0  | 159.5  | 174.8  | 204.7  | 227.7  |
| 100°   | 453.5  | 407.1  | 343.5  | 310.5  | 288.3  | 274.5  | 288.3  | 310.5  | 343.5  | 407.1  | 453.5  |
| 102.5° | 766.7  | 716.9  | 646.3  | 584.2  | 555.1  | 535.2  | 555.1  | 584.2  | 646.3  | 716.9  | 766.7  |
| 105°   | 1015.4 | 1002.8 | 955.3  | 907.8  | 874.8  | 864.1  | 874.8  | 907.8  | 955.3  | 1002.8 | 1015.4 |
| 107.5° | 1105.6 | 1120.9 | 1120.1 | 1113.2 | 1103.3 | 1085.6 | 1103.3 | 1113.2 | 1120.1 | 1120.9 | 1105.6 |
| 110°   | 1091.0 | 1122.4 | 1155.4 | 1170.0 | 1176.9 | 1176.1 | 1176.9 | 1170.0 | 1155.4 | 1122.4 | 1091.0 |

TEST NUMBER: P999609

CATALOG NUMBER: SA2XXRDIP-B290D725UB35-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°   | 255°   | 260°   | 265°   | 270°   | 275°   | 280°   | 285°   | 290°   | 292.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 1041.6 | 1078.7 | 1127.8 | 1154.6 | 1169.2 | 1174.6 | 1169.2 | 1154.6 | 1127.8 | 1078.7 | 1041.6 |
| 115°   | 981.0  | 1020.5 | 1074.9 | 1110.2 | 1130.1 | 1137.0 | 1130.1 | 1110.2 | 1074.9 | 1020.5 | 981.0  |
| 117.5° | 923.1  | 960.7  | 1016.6 | 1054.2 | 1074.9 | 1080.3 | 1074.9 | 1054.2 | 1016.6 | 960.7  | 923.1  |
| 120°   | 871.4  | 906.2  | 959.9  | 995.9  | 1018.2 | 1025.8 | 1018.2 | 995.9  | 959.9  | 906.2  | 871.4  |
| 122.5° | 831.1  | 861.8  | 908.5  | 943.8  | 963.0  | 969.1  | 963.0  | 943.8  | 908.5  | 861.8  | 831.1  |
| 125°   | 794.6  | 823.4  | 867.9  | 897.0  | 916.2  | 922.3  | 916.2  | 897.0  | 867.9  | 823.4  | 794.6  |
| 127.5° | 763.6  | 790.5  | 829.6  | 857.2  | 874.0  | 878.6  | 874.0  | 857.2  | 829.6  | 790.5  | 763.6  |
| 130°   | 732.2  | 757.5  | 795.1  | 821.1  | 836.5  | 842.6  | 836.5  | 821.1  | 795.1  | 757.5  | 732.2  |
| 132.5° | 699.6  | 723.0  | 759.8  | 785.9  | 799.7  | 805.0  | 799.7  | 785.9  | 759.8  | 723.0  | 699.6  |
| 135°   | 667.8  | 689.3  | 722.2  | 747.5  | 761.3  | 764.4  | 761.3  | 747.5  | 722.2  | 689.3  | 667.8  |
| 137.5° | 635.6  | 654.8  | 686.2  | 708.4  | 720.7  | 725.3  | 720.7  | 708.4  | 686.2  | 654.8  | 635.6  |
| 140°   | 607.2  | 624.1  | 648.6  | 668.6  | 680.1  | 684.7  | 680.1  | 668.6  | 648.6  | 624.1  | 607.2  |
| 142.5° | 580.0  | 593.4  | 616.4  | 634.1  | 644.0  | 644.0  | 644.0  | 634.1  | 616.4  | 593.4  | 580.0  |
| 145°   | 557.8  | 568.9  | 587.3  | 600.3  | 608.0  | 610.3  | 608.0  | 600.3  | 587.3  | 568.9  | 557.8  |
| 147.5° | 538.2  | 546.7  | 562.8  | 573.5  | 578.9  | 580.4  | 578.9  | 573.5  | 562.8  | 546.7  | 538.2  |
| 150°   | 521.4  | 528.3  | 539.8  | 549.0  | 553.6  | 554.3  | 553.6  | 549.0  | 539.8  | 528.3  | 521.4  |
| 152.5° | 507.2  | 512.9  | 521.4  | 529.0  | 532.1  | 532.1  | 532.1  | 529.0  | 521.4  | 512.9  | 507.2  |
| 155°   | 493.4  | 497.6  | 506.0  | 511.4  | 514.5  | 512.9  | 514.5  | 511.4  | 506.0  | 497.6  | 493.4  |
| 157.5° | 480.4  | 483.8  | 489.9  | 494.5  | 496.1  | 496.1  | 496.1  | 494.5  | 489.9  | 483.8  | 480.4  |
| 160°   | 467.3  | 470.0  | 475.4  | 479.2  | 480.0  | 480.0  | 480.0  | 479.2  | 475.4  | 470.0  | 467.3  |
| 162.5° | 455.0  | 457.0  | 462.3  | 464.6  | 465.4  | 464.6  | 465.4  | 464.6  | 462.3  | 457.0  | 455.0  |
| 165°   | 443.2  | 444.7  | 447.8  | 450.8  | 450.8  | 450.1  | 450.8  | 450.8  | 447.8  | 444.7  | 443.2  |
| 167.5° | 432.4  | 434.0  | 435.5  | 437.0  | 437.0  | 436.3  | 437.0  | 437.0  | 435.5  | 434.0  | 432.4  |
| 170°   | 422.4  | 423.2  | 424.0  | 426.3  | 425.5  | 424.0  | 425.5  | 426.3  | 424.0  | 423.2  | 422.4  |
| 172.5° | 413.6  | 414.0  | 414.8  | 415.6  | 414.8  | 414.0  | 414.8  | 415.6  | 414.8  | 414.0  | 413.6  |
| 175°   | 406.7  | 407.1  | 407.1  | 407.9  | 407.1  | 405.6  | 407.1  | 407.9  | 407.1  | 407.1  | 406.7  |
| 177.5° | 401.7  | 401.7  | 401.7  | 401.7  | 401.0  | 399.4  | 401.0  | 401.7  | 401.7  | 401.7  | 401.7  |
| 180°   | 398.7  | 398.7  | 398.7  | 398.7  | 398.7  | 398.7  | 398.7  | 398.7  | 398.7  | 398.7  | 398.7  |

TEST NUMBER: P999609

CATALOG NUMBER: SA2XXRDIP-B290D725UB35-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 295°   | 300°   | 305°  | 310°  | 315°  | 320°  | 325°  | 330°  | 335°  | 337.5° | 340°  |
|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
| 0°     | 638.8  | 638.8  | 638.8 | 638.8 | 638.8 | 638.8 | 638.8 | 638.8 | 638.8 | 638.8  | 638.8 |
| 2.5°   | 608.7  | 610.9  | 610.0 | 605.1 | 610.0 | 611.3 | 614.0 | 616.6 | 618.4 | 621.1  | 623.3 |
| 5°     | 570.5  | 574.9  | 577.6 | 574.9 | 583.8 | 585.1 | 591.3 | 594.9 | 600.2 | 604.7  | 608.2 |
| 7.5°   | 534.5  | 538.1  | 543.4 | 544.3 | 549.6 | 555.8 | 564.7 | 573.6 | 582.0 | 586.5  | 590.5 |
| 10°    | 495.9  | 502.1  | 510.1 | 508.3 | 516.3 | 526.1 | 535.4 | 549.6 | 556.7 | 564.7  | 571.8 |
| 12.5°  | 457.3  | 461.3  | 471.9 | 475.5 | 487.0 | 494.6 | 507.4 | 516.3 | 534.1 | 543.4  | 549.6 |
| 15°    | 389.8  | 406.2  | 419.5 | 435.5 | 450.6 | 464.8 | 476.4 | 492.3 | 507.9 | 515.0  | 525.2 |
| 17.5°  | 359.2  | 366.7  | 374.7 | 382.7 | 402.2 | 427.5 | 447.9 | 465.3 | 478.6 | 487.9  | 499.9 |
| 20°    | 327.2  | 334.7  | 343.6 | 351.2 | 363.2 | 381.4 | 406.7 | 436.4 | 452.4 | 462.2  | 473.7 |
| 22.5°  | 304.5  | 311.7  | 317.4 | 324.1 | 333.4 | 346.7 | 365.8 | 402.7 | 424.0 | 436.0  | 446.2 |
| 25°    | 280.1  | 289.0  | 295.2 | 300.1 | 307.7 | 322.3 | 337.8 | 358.7 | 396.9 | 406.2  | 420.4 |
| 27.5°  | 263.3  | 265.9  | 273.0 | 280.6 | 288.1 | 296.1 | 312.1 | 329.9 | 355.6 | 376.0  | 393.3 |
| 30°    | 243.3  | 249.9  | 256.6 | 259.7 | 266.4 | 277.9 | 287.7 | 306.8 | 326.7 | 342.7  | 363.6 |
| 32.5°  | 228.2  | 232.2  | 236.6 | 244.2 | 250.4 | 258.4 | 268.1 | 284.1 | 301.0 | 311.2  | 327.2 |
| 35°    | 211.3  | 214.0  | 223.3 | 226.4 | 232.6 | 240.6 | 250.4 | 262.8 | 281.0 | 289.0  | 300.6 |
| 37.5°  | 195.3  | 201.6  | 204.2 | 211.3 | 217.1 | 225.1 | 232.2 | 246.4 | 258.4 | 267.7  | 278.4 |
| 40°    | 182.9  | 185.6  | 190.5 | 196.7 | 201.6 | 207.8 | 216.6 | 226.9 | 239.7 | 247.3  | 256.6 |
| 42.5°  | 167.8  | 170.0  | 176.2 | 179.8 | 187.8 | 193.6 | 198.9 | 211.3 | 222.9 | 228.6  | 238.0 |
| 45°    | 151.4  | 156.7  | 160.7 | 167.8 | 172.3 | 179.4 | 186.0 | 194.9 | 205.5 | 212.2  | 217.5 |
| 47.5°  | 137.2  | 142.5  | 146.5 | 153.2 | 160.3 | 163.4 | 170.5 | 179.8 | 189.6 | 194.9  | 202.4 |
| 50°    | 125.6  | 127.4  | 135.0 | 138.1 | 145.6 | 151.8 | 156.7 | 164.7 | 175.4 | 178.5  | 184.7 |
| 52.5°  | 114.5  | 115.9  | 120.8 | 124.7 | 131.4 | 136.7 | 143.0 | 150.5 | 159.4 | 164.3  | 169.1 |
| 55°    | 104.8  | 105.7  | 107.9 | 112.3 | 116.8 | 123.4 | 129.2 | 136.3 | 143.8 | 149.2  | 153.6 |
| 57.5°  | 93.7   | 95.4   | 97.2  | 99.9  | 104.3 | 110.5 | 116.8 | 123.4 | 129.6 | 133.2  | 139.0 |
| 60°    | 80.8   | 83.5   | 86.6  | 89.7  | 92.8  | 97.2  | 104.3 | 110.5 | 116.3 | 119.4  | 123.9 |
| 62.5°  | 67.0   | 72.4   | 75.0  | 78.6  | 81.2  | 85.2  | 90.6  | 97.7  | 101.7 | 105.7  | 109.2 |
| 65°    | 60.4   | 60.8   | 61.3  | 64.8  | 69.7  | 73.7  | 78.6  | 83.9  | 90.1  | 92.8   | 95.4  |
| 67.5°  | 53.7   | 54.2   | 55.0  | 55.5  | 57.3  | 61.7  | 67.0  | 72.8  | 77.7  | 79.5   | 82.1  |
| 70°    | 47.1   | 47.1   | 48.8  | 49.3  | 49.7  | 50.2  | 54.6  | 60.4  | 64.8  | 67.0   | 70.1  |
| 72.5°  | 40.0   | 40.4   | 41.3  | 41.7  | 42.6  | 43.5  | 44.8  | 47.9  | 53.3  | 55.5   | 59.0  |
| 75°    | 32.9   | 33.3   | 33.7  | 34.2  | 35.5  | 36.0  | 37.3  | 39.1  | 41.3  | 44.0   | 46.2  |
| 77.5°  | 26.2   | 26.2   | 26.6  | 27.5  | 28.4  | 28.9  | 30.2  | 31.1  | 32.0  | 33.3   | 35.1  |
| 80°    | 19.5   | 20.0   | 20.0  | 20.9  | 20.9  | 21.3  | 21.8  | 23.1  | 24.0  | 24.9   | 25.7  |
| 82.5°  | 13.3   | 14.2   | 14.2  | 14.2  | 14.7  | 15.1  | 15.5  | 15.5  | 16.4  | 16.9   | 18.2  |
| 85°    | 8.0    | 8.4    | 8.4   | 8.4   | 8.0   | 8.9   | 8.9   | 9.3   | 9.3   | 9.3    | 9.8   |
| 87.5°  | 3.1    | 2.7    | 3.1   | 3.1   | 3.1   | 3.6   | 3.1   | 3.1   | 3.6   | 4.0    | 4.0   |
| 90°    | 24.5   | 23.0   | 24.5  | 25.3  | 26.1  | 25.3  | 20.7  | 15.3  | 11.5  | 10.4   | 9.2   |
| 92.5°  | 57.5   | 65.9   | 77.4  | 98.9  | 118.1 | 116.5 | 90.5  | 61.3  | 40.6  | 36.4   | 32.2  |
| 95°    | 121.9  | 154.1  | 200.9 | 263.0 | 300.5 | 266.0 | 177.1 | 110.4 | 75.1  | 65.9   | 56.7  |
| 97.5°  | 250.7  | 328.1  | 410.9 | 493.8 | 489.9 | 378.7 | 235.4 | 142.6 | 97.4  | 87.1   | 76.7  |
| 100°   | 499.9  | 604.9  | 700.0 | 716.1 | 605.7 | 417.1 | 251.5 | 157.9 | 117.3 | 106.6  | 95.8  |
| 102.5° | 816.5  | 886.3  | 889.4 | 798.9 | 609.5 | 402.5 | 252.2 | 171.7 | 134.9 | 124.2  | 113.5 |
| 105°   | 1028.1 | 1018.2 | 931.5 | 772.1 | 568.1 | 382.6 | 256.1 | 187.8 | 151.8 | 141.0  | 130.3 |
| 107.5° | 1090.2 | 1015.1 | 886.3 | 715.3 | 529.8 | 371.8 | 264.5 | 203.9 | 168.7 | 158.0  | 147.2 |
| 110°   | 1059.6 | 961.4  | 824.2 | 662.4 | 503.7 | 368.8 | 275.2 | 220.0 | 186.3 | 175.2  | 164.1 |

TEST NUMBER: P999609

CATALOG NUMBER: SA2XXRDIP-B290D725UB35-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 295°   | 300°  | 305°  | 310°  | 315°  | 320°  | 325°  | 330°  | 335°  | 337.5° | 340°  |
|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
| 112.5° | 1004.4 | 897.8 | 767.5 | 625.6 | 486.9 | 369.5 | 286.7 | 235.4 | 203.2 | 191.7  | 180.2 |
| 115°   | 941.5  | 841.1 | 723.0 | 596.5 | 475.4 | 372.6 | 298.2 | 251.5 | 218.5 | 208.2  | 197.8 |
| 117.5° | 885.5  | 792.0 | 686.2 | 576.6 | 469.2 | 377.2 | 310.5 | 266.0 | 235.4 | 224.6  | 213.9 |
| 120°   | 836.5  | 755.2 | 660.1 | 561.2 | 463.9 | 381.8 | 322.8 | 281.4 | 251.5 | 240.8  | 230.0 |
| 122.5° | 800.4  | 724.5 | 639.4 | 548.2 | 460.8 | 387.2 | 333.5 | 295.9 | 268.3 | 257.2  | 246.1 |
| 125°   | 765.9  | 698.5 | 619.5 | 535.9 | 457.0 | 392.5 | 345.0 | 310.5 | 282.9 | 272.2  | 261.4 |
| 127.5° | 736.8  | 672.4 | 599.6 | 524.4 | 454.7 | 397.9 | 355.7 | 324.3 | 297.5 | 286.4  | 275.2 |
| 130°   | 706.9  | 646.3 | 580.4 | 512.9 | 453.1 | 404.0 | 365.7 | 336.6 | 309.7 | 299.0  | 288.3 |
| 132.5° | 676.2  | 621.8 | 562.0 | 503.7 | 452.4 | 410.2 | 375.7 | 347.3 | 322.0 | 311.2  | 300.5 |
| 135°   | 646.3  | 595.7 | 545.1 | 495.3 | 451.6 | 414.8 | 384.1 | 357.3 | 332.7 | 322.0  | 311.3 |
| 137.5° | 616.4  | 575.0 | 531.3 | 489.2 | 451.6 | 419.4 | 391.0 | 365.7 | 341.2 | 331.2  | 321.2 |
| 140°   | 590.4  | 555.1 | 518.3 | 483.8 | 450.8 | 422.5 | 396.4 | 372.6 | 349.6 | 339.6  | 329.7 |
| 142.5° | 566.6  | 537.5 | 507.6 | 478.4 | 450.8 | 424.8 | 401.0 | 378.0 | 355.7 | 346.5  | 337.3 |
| 145°   | 546.7  | 522.9 | 497.6 | 473.8 | 449.3 | 426.3 | 404.8 | 383.3 | 362.6 | 354.2  | 345.8 |
| 147.5° | 529.8  | 510.6 | 489.9 | 469.2 | 447.0 | 427.1 | 407.1 | 387.9 | 368.0 | 360.4  | 352.7 |
| 150°   | 514.5  | 498.4 | 481.5 | 463.1 | 444.7 | 426.3 | 408.6 | 391.0 | 373.4 | 366.5  | 359.6 |
| 152.5° | 501.4  | 488.4 | 473.1 | 457.7 | 440.9 | 424.8 | 409.4 | 394.1 | 378.7 | 372.6  | 366.5 |
| 155°   | 489.2  | 477.7 | 465.4 | 450.8 | 436.3 | 423.2 | 410.2 | 397.1 | 384.1 | 378.4  | 372.6 |
| 157.5° | 476.9  | 466.9 | 456.2 | 444.7 | 431.7 | 420.2 | 410.2 | 399.4 | 387.9 | 383.0  | 378.0 |
| 160°   | 464.6  | 456.2 | 447.8 | 437.8 | 427.1 | 417.9 | 410.2 | 401.0 | 391.8 | 387.6  | 383.3 |
| 162.5° | 453.1  | 446.2 | 439.3 | 431.7 | 423.2 | 415.6 | 409.4 | 401.7 | 394.1 | 391.0  | 387.9 |
| 165°   | 441.6  | 436.3 | 430.9 | 424.8 | 417.9 | 412.5 | 407.9 | 402.5 | 395.6 | 393.3  | 391.0 |
| 167.5° | 430.9  | 427.1 | 422.5 | 417.9 | 413.3 | 409.4 | 407.1 | 402.5 | 397.1 | 395.6  | 394.1 |
| 170°   | 421.7  | 418.6 | 416.3 | 412.5 | 409.4 | 407.1 | 405.6 | 401.7 | 397.9 | 396.8  | 395.6 |
| 172.5° | 413.3  | 410.9 | 409.4 | 407.1 | 404.8 | 404.0 | 403.3 | 401.0 | 398.7 | 397.9  | 397.1 |
| 175°   | 406.3  | 405.6 | 404.8 | 402.5 | 401.7 | 401.0 | 401.7 | 400.2 | 398.7 | 398.3  | 397.9 |
| 177.5° | 401.7  | 401.0 | 401.0 | 399.4 | 398.7 | 399.4 | 401.0 | 399.4 | 398.7 | 398.7  | 398.7 |
| 180°   | 398.7  | 398.7 | 398.7 | 398.7 | 398.7 | 398.7 | 398.7 | 398.7 | 398.7 | 398.7  | 398.7 |

TEST NUMBER: P999609

CATALOG NUMBER: SA2XXRDIP-B290D725UB35-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 345°  | 350°  | 355°  | 360°  |
|--------|-------|-------|-------|-------|
| 0°     | 638.8 | 638.8 | 638.8 | 638.8 |
| 2.5°   | 627.3 | 626.0 | 634.0 | 642.8 |
| 5°     | 614.4 | 616.6 | 626.9 | 639.3 |
| 7.5°   | 601.1 | 606.0 | 618.0 | 634.4 |
| 10°    | 582.5 | 591.3 | 609.5 | 626.4 |
| 12.5°  | 564.3 | 576.2 | 593.6 | 613.5 |
| 15°    | 543.8 | 557.2 | 578.5 | 602.4 |
| 17.5°  | 521.2 | 536.3 | 561.2 | 587.3 |
| 20°    | 497.2 | 517.2 | 543.4 | 571.8 |
| 22.5°  | 470.6 | 494.6 | 521.6 | 553.2 |
| 25°    | 444.8 | 471.0 | 498.1 | 534.5 |
| 27.5°  | 419.5 | 445.3 | 475.5 | 512.3 |
| 30°    | 394.2 | 417.8 | 450.2 | 489.7 |
| 32.5°  | 367.1 | 391.6 | 425.7 | 466.1 |
| 35°    | 342.3 | 366.7 | 398.7 | 438.6 |
| 37.5°  | 315.6 | 341.8 | 372.5 | 413.8 |
| 40°    | 284.6 | 315.2 | 344.9 | 384.5 |
| 42.5°  | 258.8 | 291.2 | 320.1 | 357.4 |
| 45°    | 238.4 | 269.0 | 293.0 | 329.4 |
| 47.5°  | 219.3 | 244.2 | 268.6 | 302.3 |
| 50°    | 201.1 | 220.2 | 245.5 | 275.7 |
| 52.5°  | 182.5 | 198.9 | 220.6 | 249.1 |
| 55°    | 165.6 | 181.1 | 200.7 | 222.4 |
| 57.5°  | 150.1 | 161.2 | 180.7 | 200.2 |
| 60°    | 132.7 | 144.3 | 159.4 | 175.8 |
| 62.5°  | 118.1 | 127.0 | 141.2 | 154.9 |
| 65°    | 102.6 | 111.0 | 121.6 | 134.5 |
| 67.5°  | 88.3  | 95.9  | 104.3 | 114.5 |
| 70°    | 75.5  | 81.2  | 87.5  | 96.3  |
| 72.5°  | 61.7  | 67.9  | 73.7  | 80.8  |
| 75°    | 50.6  | 53.3  | 58.2  | 63.0  |
| 77.5°  | 39.1  | 42.6  | 45.3  | 49.3  |
| 80°    | 28.0  | 31.1  | 32.0  | 35.1  |
| 82.5°  | 18.6  | 20.4  | 22.2  | 23.1  |
| 85°    | 10.7  | 11.5  | 13.3  | 13.8  |
| 87.5°  | 4.0   | 4.4   | 5.3   | 6.2   |
| 90°    | 7.7   | 6.1   | 3.1   | 0.8   |
| 92.5°  | 26.1  | 22.2  | 16.1  | 11.5  |
| 95°    | 44.5  | 37.6  | 29.9  | 26.8  |
| 97.5°  | 62.9  | 52.9  | 44.5  | 39.9  |
| 100°   | 80.5  | 68.2  | 61.3  | 59.0  |
| 102.5° | 97.4  | 85.1  | 78.2  | 76.7  |
| 105°   | 113.5 | 102.0 | 96.6  | 93.5  |
| 107.5° | 130.3 | 119.6 | 114.2 | 111.9 |
| 110°   | 148.0 | 138.0 | 133.4 | 130.3 |

TEST NUMBER: P999609

CATALOG NUMBER: SA2XXRDIP-B290D725UB35-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 345°  | 350°  | 355°  | 360°  |
|--------|-------|-------|-------|-------|
| 112.5° | 164.8 | 155.6 | 150.3 | 147.2 |
| 115°   | 182.5 | 173.3 | 168.7 | 164.8 |
| 117.5° | 199.3 | 190.9 | 186.3 | 183.2 |
| 120°   | 214.7 | 207.8 | 203.2 | 200.1 |
| 122.5° | 230.8 | 223.1 | 218.5 | 216.2 |
| 125°   | 246.1 | 236.9 | 232.3 | 230.0 |
| 127.5° | 260.7 | 250.7 | 244.6 | 241.5 |
| 130°   | 272.9 | 262.2 | 254.5 | 251.5 |
| 132.5° | 284.4 | 272.9 | 264.5 | 260.7 |
| 135°   | 293.6 | 282.1 | 272.9 | 269.9 |
| 137.5° | 303.6 | 291.3 | 282.1 | 278.3 |
| 140°   | 312.8 | 300.5 | 291.3 | 288.3 |
| 142.5° | 321.2 | 309.0 | 300.5 | 298.2 |
| 145°   | 330.4 | 318.9 | 311.3 | 308.2 |
| 147.5° | 339.6 | 328.9 | 321.2 | 318.9 |
| 150°   | 348.1 | 338.1 | 332.0 | 329.7 |
| 152.5° | 355.7 | 347.3 | 341.2 | 340.4 |
| 155°   | 364.2 | 355.7 | 351.1 | 350.4 |
| 157.5° | 371.1 | 363.4 | 359.6 | 358.8 |
| 160°   | 377.2 | 371.1 | 368.0 | 367.2 |
| 162.5° | 382.6 | 378.0 | 374.9 | 375.7 |
| 165°   | 387.2 | 382.6 | 381.0 | 381.8 |
| 167.5° | 391.0 | 387.9 | 386.4 | 387.2 |
| 170°   | 394.1 | 391.8 | 391.0 | 392.5 |
| 172.5° | 396.4 | 394.1 | 394.8 | 395.6 |
| 175°   | 397.9 | 396.4 | 397.1 | 397.9 |
| 177.5° | 398.7 | 397.1 | 397.9 | 399.4 |
| 180°   | 398.7 | 398.7 | 398.7 | 398.7 |

(END OF REPORT)