

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: P1012546

Luminaire Tested: S123RDIP-B340D805UB50-4F0-XX-W2A-A

Issue Date: 5/6/2025

**Test Information**

Test Method: LM-79-2019  
Report Number: P1012546  
REPORT IS A COMBINATION OF REPORTS P993313 AND P1007351  
Test Lab: INNOVATION CENTER  
Issue Date: 5/6/2025  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: NEO-RAY  
Catalog Number: S123RDIP-B340D805UB50-4F0-XX-W2A-A  
Description: Define 3 Regressed Direct/Indirect Pendant with 5000K BioUP LEDs {m-DER=1.015}  
{m-EER=1.115}  
Light Source: -  
Ballast/Driver: -

**Summary**

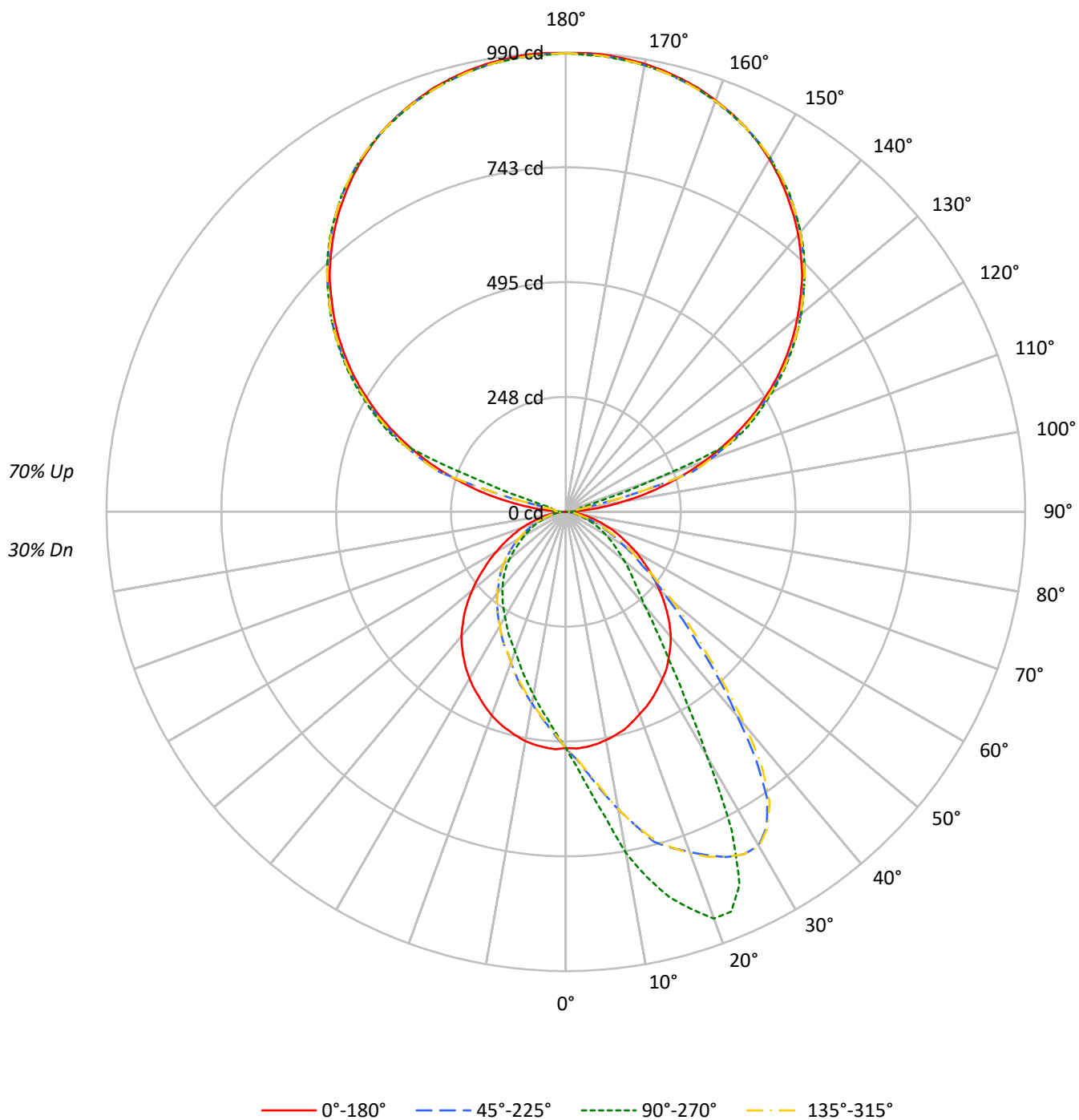
Lumens per Lamp: N/A  
Luminaire Lumens: 4283.0 lumens  
Efficiency: N/A  
Efficacy: 125.6 lumens/watt  
Spacing Criteria (0/90/45): 1.22 / 1.2 / 1.34  
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 4' x H: 0.1')  
CIE Type: Semi-Indirect

Input Watts (W): 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: P1012546

CATALOG NUMBER: S123RDIP-B340D805UB50-4F0-XX-W2A-A

### Luminous Intensity Polar Plot



TEST NUMBER: P1012546

CATALOG NUMBER: S123RDIP-B340D805UB50-4F0-XX-W2A-A

**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 | 92 | 92 | 92 | 92 | 72 | 72 | 72 | 54 | 54 | 54 | 37 | 37 | 37 |
| 1   | 94  | 90  | 86  | 83  | 84 | 80 | 77 | 75 | 64 | 61 | 60 | 48 | 47 | 46 | 34 | 33 | 32 |
| 2   | 85  | 79  | 73  | 68  | 76 | 71 | 66 | 62 | 56 | 53 | 50 | 42 | 40 | 39 | 30 | 29 | 28 |
| 3   | 78  | 69  | 62  | 57  | 70 | 62 | 57 | 52 | 50 | 46 | 42 | 38 | 35 | 33 | 27 | 25 | 24 |
| 4   | 72  | 61  | 54  | 48  | 64 | 55 | 49 | 44 | 44 | 40 | 36 | 34 | 31 | 28 | 24 | 22 | 21 |
| 5   | 66  | 55  | 47  | 41  | 59 | 50 | 43 | 38 | 40 | 35 | 31 | 30 | 27 | 25 | 22 | 20 | 18 |
| 6   | 60  | 49  | 41  | 36  | 54 | 44 | 38 | 33 | 36 | 31 | 27 | 28 | 24 | 22 | 20 | 18 | 16 |
| 7   | 56  | 44  | 37  | 31  | 50 | 40 | 34 | 29 | 32 | 28 | 24 | 25 | 22 | 19 | 18 | 16 | 15 |
| 8   | 52  | 40  | 33  | 28  | 46 | 36 | 30 | 26 | 29 | 25 | 21 | 23 | 20 | 17 | 17 | 15 | 13 |
| 9   | 48  | 37  | 29  | 25  | 43 | 33 | 27 | 23 | 27 | 22 | 19 | 21 | 18 | 15 | 16 | 13 | 12 |
| 10  | 45  | 33  | 27  | 22  | 40 | 30 | 24 | 20 | 25 | 20 | 17 | 19 | 16 | 14 | 14 | 12 | 11 |

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

|     | 0°   | 90°  | 180° | 270° |
|-----|------|------|------|------|
| 0°  | 5481 | 5481 | 5481 | 5481 |
| 5°  | 5486 | 6313 | 5500 | 4683 |
| 10° | 5437 | 7621 | 5461 | 4091 |
| 15° | 5381 | 8649 | 5381 | 3607 |
| 20° | 5270 | 9329 | 5300 | 3200 |
| 25° | 5190 | 8864 | 5180 | 2920 |
| 30° | 5096 | 6141 | 5086 | 2645 |
| 35° | 4982 | 3943 | 4960 | 2439 |
| 40° | 4842 | 2784 | 4818 | 2233 |
| 45° | 4596 | 2228 | 4591 | 2033 |
| 50° | 4296 | 1864 | 4282 | 1800 |
| 55° | 3957 | 1536 | 3926 | 1525 |
| 60° | 3625 | 1269 | 3590 | 1297 |
| 65° | 3234 | 1016 | 3256 | 1100 |
| 70° | 2877 | 706  | 2954 | 889  |
| 75° | 2438 | 524  | 2537 | 684  |
| 80° | 1944 | 347  | 2106 | 512  |
| 85° | 1383 | 164  | 1508 | 319  |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 30°

Vertical Angle: 45°

Luminance: 7318 cd/sqm

TEST NUMBER: P1012546

CATALOG NUMBER: S123RDIP-B340D805UB50-4F0-XX-W2A-A

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 50.0   | 1.2       |
| 10°-20°   | 156.5  | 3.7       |
| 20°-30°   | 246.6  | 5.8       |
| 30°-40°   | 256.4  | 6.0       |
| 40°-50°   | 219.3  | 5.1       |
| 50°-60°   | 167.2  | 3.9       |
| 60°-70°   | 107.1  | 2.5       |
| 70°-80°   | 51.3   | 1.2       |
| 80°-90°   | 15.5   | 0.4       |
| 90°-100°  | 34.9   | 0.8       |
| 100°-110° | 168.5  | 3.9       |
| 110°-120° | 412.9  | 9.6       |
| 120°-130° | 524.2  | 12.2      |
| 130°-140° | 560.0  | 13.1      |
| 140°-150° | 523.6  | 12.2      |
| 150°-160° | 422.4  | 9.9       |
| 160°-170° | 272.6  | 6.4       |
| 170°-180° | 93.9   | 2.2       |
| 0°-30°    | 453.1  | 10.6      |
| 0°-40°    | 709.5  | 16.6      |
| 0°-60°    | 1096.0 | 25.6      |
| 0°-90°    | 1270.0 | 29.7      |
| 90°-120°  | 616.3  | 14.4      |
| 90°-150°  | 2224.1 | 51.9      |
| 90°-180°  | 3013.0 | 70.3      |
| 0°-180°   | 4283.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°  | 90° | 180° | 270° | 360° | Flux |
|------|-----|-----|------|------|------|------|
| 0°   | 509 | 509 | 509  | 509  | 509  |      |
| 5°   | 509 | 605 | 510  | 449  | 509  | 48   |
| 15°  | 486 | 859 | 486  | 358  | 486  | 137  |
| 25°  | 442 | 886 | 441  | 292  | 442  | 204  |
| 35°  | 386 | 384 | 384  | 238  | 386  | 241  |
| 45°  | 310 | 205 | 309  | 187  | 310  | 238  |
| 55°  | 218 | 129 | 217  | 128  | 218  | 196  |
| 65°  | 134 | 74  | 135  | 80   | 134  | 134  |
| 75°  | 64  | 31  | 67   | 41   | 64   | 69   |
| 85°  | 14  | 7   | 16   | 14   | 14   | 16   |
| 90°  | 1   | 22  | 1    | 22   | 1    | 3    |
| 95°  | 45  | 28  | 45   | 28   | 45   | 54   |
| 105° | 219 | 32  | 219  | 32   | 219  | 232  |
| 115° | 410 | 432 | 410  | 432  | 410  | 405  |
| 125° | 579 | 590 | 579  | 590  | 579  | 517  |
| 135° | 720 | 728 | 720  | 728  | 720  | 555  |
| 145° | 831 | 839 | 831  | 839  | 831  | 520  |
| 155° | 916 | 914 | 916  | 914  | 916  | 422  |
| 165° | 966 | 963 | 966  | 963  | 966  | 273  |
| 175° | 988 | 985 | 988  | 985  | 988  | 94   |
| 180° | 988 | 988 | 988  | 988  | 988  |      |

TEST NUMBER: P1012546

CATALOG NUMBER: S123RDIP-B340D805UB50-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (FULL):**

|        | 0°    | 5°    | 10°   | 15°   | 20°   | 22.5° | 25°   | 30°   | 35°   | 40°   | 45°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 509.2 | 509.2 | 509.2 | 509.2 | 509.2 | 509.2 | 509.2 | 509.2 | 509.2 | 509.2 | 509.2 |
| 2.5°   | 510.5 | 514.0 | 516.6 | 518.4 | 522.7 | 525.4 | 527.5 | 531.5 | 531.5 | 532.3 | 534.1 |
| 5°     | 508.8 | 516.2 | 521.4 | 528.4 | 537.6 | 541.9 | 548.0 | 553.3 | 560.7 | 564.6 | 568.5 |
| 7.5°   | 504.9 | 515.3 | 526.2 | 536.7 | 550.2 | 558.9 | 565.0 | 578.5 | 588.1 | 599.9 | 609.1 |
| 10°    | 499.6 | 514.0 | 528.0 | 544.1 | 562.4 | 575.5 | 584.7 | 602.5 | 620.8 | 637.4 | 651.4 |
| 12.5°  | 493.1 | 510.5 | 530.6 | 550.2 | 575.9 | 589.0 | 603.8 | 626.1 | 652.2 | 673.2 | 691.9 |
| 15°    | 486.1 | 506.2 | 528.8 | 552.8 | 585.1 | 603.4 | 624.8 | 651.8 | 681.0 | 711.1 | 736.8 |
| 17.5°  | 475.2 | 500.5 | 525.8 | 560.7 | 598.6 | 609.5 | 627.8 | 664.9 | 701.1 | 728.1 | 759.5 |
| 20°    | 464.3 | 492.7 | 524.5 | 555.9 | 596.9 | 622.1 | 639.1 | 678.4 | 717.2 | 749.9 | 780.0 |
| 22.5°  | 454.3 | 483.9 | 517.1 | 556.7 | 595.1 | 620.4 | 641.8 | 682.7 | 727.7 | 764.3 | 801.3 |
| 25°    | 442.1 | 474.3 | 511.0 | 548.5 | 595.1 | 614.3 | 637.8 | 685.4 | 732.9 | 775.2 | 821.0 |
| 27.5°  | 429.0 | 461.7 | 497.9 | 536.3 | 579.0 | 607.3 | 630.4 | 681.4 | 739.4 | 784.8 | 831.9 |
| 30°    | 415.9 | 449.5 | 484.4 | 518.8 | 566.8 | 593.8 | 620.4 | 676.6 | 742.9 | 794.8 | 831.0 |
| 32.5°  | 403.3 | 431.6 | 466.1 | 499.6 | 547.2 | 576.8 | 606.9 | 671.8 | 744.2 | 787.8 | 805.3 |
| 35°    | 385.8 | 415.5 | 443.4 | 479.1 | 527.1 | 556.3 | 591.6 | 671.4 | 738.6 | 765.6 | 756.9 |
| 37.5°  | 369.7 | 394.6 | 421.2 | 453.0 | 502.2 | 540.2 | 576.8 | 660.1 | 719.8 | 721.5 | 672.3 |
| 40°    | 351.8 | 372.3 | 394.6 | 428.1 | 481.3 | 518.8 | 558.5 | 642.6 | 685.8 | 660.1 | 573.3 |
| 42.5°  | 331.3 | 349.7 | 367.1 | 399.8 | 457.8 | 499.6 | 542.4 | 620.8 | 636.5 | 577.2 | 487.0 |
| 45°    | 309.5 | 324.4 | 340.5 | 374.9 | 432.9 | 474.3 | 517.1 | 587.3 | 571.1 | 487.4 | 401.5 |
| 47.5°  | 286.9 | 299.5 | 315.2 | 346.6 | 406.3 | 448.6 | 489.2 | 539.3 | 498.3 | 408.5 | 336.6 |
| 50°    | 264.2 | 274.2 | 289.5 | 321.8 | 379.3 | 417.7 | 455.2 | 487.9 | 430.3 | 350.5 | 278.2 |
| 52.5°  | 242.0 | 249.8 | 265.5 | 293.0 | 348.8 | 385.4 | 412.4 | 425.1 | 366.7 | 289.5 | 241.5 |
| 55°    | 218.4 | 227.1 | 237.6 | 265.5 | 320.9 | 347.9 | 365.8 | 365.4 | 305.2 | 245.5 | 199.7 |
| 57.5°  | 195.8 | 203.6 | 212.8 | 240.7 | 285.6 | 303.9 | 319.1 | 311.7 | 254.6 | 201.0 | 171.3 |
| 60°    | 175.7 | 180.1 | 190.1 | 213.6 | 247.6 | 263.3 | 272.1 | 259.4 | 208.0 | 169.6 | 141.7 |
| 62.5°  | 153.9 | 158.3 | 166.5 | 188.8 | 209.7 | 218.0 | 225.4 | 209.3 | 171.8 | 138.2 | 121.2 |
| 65°    | 133.8 | 139.5 | 144.7 | 162.6 | 174.0 | 184.0 | 183.1 | 169.6 | 134.3 | 112.5 | 98.5  |
| 67.5°  | 116.4 | 118.6 | 122.9 | 133.8 | 139.1 | 146.5 | 146.9 | 131.7 | 108.1 | 91.6  | 83.3  |
| 70°    | 97.7  | 99.8  | 102.9 | 108.1 | 111.6 | 113.4 | 112.5 | 99.0  | 81.5  | 71.5  | 64.1  |
| 72.5°  | 81.5  | 81.1  | 83.3  | 83.3  | 86.8  | 86.3  | 83.7  | 73.2  | 61.9  | 53.6  | 49.3  |
| 75°    | 64.1  | 64.5  | 65.0  | 64.1  | 62.8  | 61.0  | 58.9  | 51.0  | 43.6  | 39.7  | 35.8  |
| 77.5°  | 50.1  | 49.3  | 49.7  | 46.6  | 44.9  | 43.2  | 40.1  | 36.2  | 30.1  | 29.2  | 27.5  |
| 80°    | 35.8  | 35.3  | 34.9  | 33.6  | 29.6  | 27.9  | 25.7  | 23.5  | 22.2  | 21.4  | 20.9  |
| 82.5°  | 24.0  | 24.0  | 23.1  | 20.5  | 18.3  | 17.0  | 16.6  | 15.7  | 14.4  | 14.4  | 14.0  |
| 85°    | 14.4  | 14.0  | 13.1  | 10.5  | 9.2   | 9.2   | 9.2   | 9.2   | 8.3   | 8.3   | 7.8   |
| 87.5°  | 5.7   | 5.2   | 3.9   | 3.9   | 3.5   | 3.5   | 3.5   | 3.1   | 3.1   | 2.6   | 2.6   |
| 90°    | 0.7   | 2.3   | 4.0   | 5.6   | 7.3   | 8.1   | 9.2   | 11.3  | 13.4  | 15.5  | 17.6  |
| 92.5°  | 16.9  | 15.9  | 14.9  | 14.0  | 13.0  | 12.5  | 13.2  | 14.7  | 16.2  | 17.6  | 19.1  |
| 95°    | 44.8  | 38.1  | 31.4  | 24.7  | 18.0  | 14.7  | 15.6  | 17.4  | 19.2  | 21.0  | 22.8  |
| 97.5°  | 81.5  | 76.9  | 72.3  | 67.8  | 63.2  | 60.9  | 56.7  | 48.4  | 40.1  | 31.8  | 23.5  |
| 100°   | 124.1 | 127.4 | 130.6 | 133.9 | 137.2 | 138.8 | 126.1 | 100.6 | 75.1  | 49.7  | 24.2  |
| 102.5° | 172.6 | 174.7 | 176.8 | 178.9 | 181.0 | 182.1 | 167.9 | 139.5 | 111.1 | 82.7  | 54.3  |
| 105°   | 218.8 | 220.6 | 222.4 | 224.2 | 226.0 | 226.9 | 219.6 | 204.9 | 190.2 | 175.5 | 160.8 |
| 107.5° | 268.0 | 269.5 | 270.9 | 272.4 | 273.9 | 274.6 | 275.8 | 278.3 | 280.7 | 283.2 | 285.6 |
| 110°   | 317.2 | 318.5 | 319.8 | 321.1 | 322.4 | 323.1 | 324.0 | 325.8 | 327.6 | 329.4 | 331.2 |

TEST NUMBER: P1012546

CATALOG NUMBER: S123RDIP-B340D805UB50-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 0°    | 5°    | 10°   | 15°   | 20°   | 22.5° | 25°   | 30°   | 35°   | 40°   | 45°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 364.2 | 365.3 | 366.5 | 367.6 | 368.7 | 369.3 | 370.2 | 372.0 | 373.8 | 375.6 | 377.4 |
| 115°   | 410.5 | 411.5 | 412.5 | 413.4 | 414.4 | 414.9 | 415.6 | 417.1 | 418.6 | 420.0 | 421.5 |
| 117.5° | 456.0 | 457.1 | 458.3 | 459.4 | 460.5 | 461.1 | 461.5 | 462.3 | 463.2 | 464.0 | 464.8 |
| 120°   | 497.8 | 499.3 | 500.7 | 502.2 | 503.7 | 504.4 | 504.7 | 505.2 | 505.7 | 506.2 | 506.7 |
| 122.5° | 540.4 | 541.6 | 542.7 | 543.9 | 545.0 | 545.6 | 545.9 | 546.6 | 547.2 | 547.9 | 548.5 |
| 125°   | 578.6 | 579.9 | 581.2 | 582.5 | 583.8 | 584.5 | 584.8 | 585.5 | 586.1 | 586.8 | 587.4 |
| 127.5° | 616.8 | 618.1 | 619.4 | 620.7 | 622.0 | 622.7 | 623.1 | 623.9 | 624.7 | 625.5 | 626.3 |
| 130°   | 652.0 | 653.3 | 654.6 | 655.9 | 657.2 | 657.9 | 658.2 | 658.9 | 659.5 | 660.2 | 660.8 |
| 132.5° | 685.8 | 687.1 | 688.4 | 689.7 | 691.0 | 691.7 | 691.9 | 692.4 | 692.9 | 693.4 | 693.9 |
| 135°   | 720.3 | 721.3 | 722.3 | 723.2 | 724.2 | 724.7 | 725.0 | 725.7 | 726.4 | 727.0 | 727.7 |
| 137.5° | 749.7 | 751.0 | 752.3 | 753.6 | 754.9 | 755.6 | 755.8 | 756.1 | 756.4 | 756.7 | 757.0 |
| 140°   | 779.1 | 780.1 | 781.1 | 782.0 | 783.0 | 783.5 | 783.7 | 784.2 | 784.7 | 785.2 | 785.7 |
| 142.5° | 806.2 | 807.2 | 808.2 | 809.1 | 810.1 | 810.6 | 810.8 | 811.3 | 811.8 | 812.3 | 812.8 |
| 145°   | 831.2 | 832.3 | 833.5 | 834.6 | 835.7 | 836.3 | 836.5 | 836.8 | 837.1 | 837.5 | 837.8 |
| 147.5° | 855.4 | 856.2 | 857.0 | 857.9 | 858.7 | 859.1 | 859.3 | 859.6 | 859.9 | 860.3 | 860.6 |
| 150°   | 877.5 | 878.0 | 878.5 | 879.0 | 879.5 | 879.7 | 879.9 | 880.2 | 880.5 | 880.8 | 881.1 |
| 152.5° | 897.3 | 897.5 | 897.6 | 897.8 | 897.9 | 898.0 | 898.1 | 898.3 | 898.4 | 898.6 | 898.8 |
| 155°   | 915.6 | 915.3 | 915.0 | 914.7 | 914.4 | 914.2 | 914.3 | 914.4 | 914.6 | 914.7 | 914.9 |
| 157.5° | 930.3 | 930.3 | 930.3 | 930.3 | 930.3 | 930.3 | 930.2 | 930.1 | 929.9 | 929.8 | 929.6 |
| 160°   | 943.5 | 943.3 | 943.2 | 943.0 | 942.9 | 942.8 | 942.7 | 942.6 | 942.4 | 942.3 | 942.1 |
| 162.5° | 956.0 | 955.5 | 955.0 | 954.5 | 954.0 | 953.8 | 953.7 | 953.6 | 953.4 | 953.3 | 953.1 |
| 165°   | 965.6 | 965.1 | 964.6 | 964.1 | 963.6 | 963.4 | 963.3 | 963.1 | 963.0 | 962.8 | 962.6 |
| 167.5° | 973.7 | 973.0 | 972.4 | 971.7 | 971.0 | 970.7 | 970.7 | 970.7 | 970.7 | 970.7 | 970.7 |
| 170°   | 980.3 | 979.6 | 979.0 | 978.3 | 977.6 | 977.3 | 977.3 | 977.3 | 977.3 | 977.3 | 977.3 |
| 172.5° | 984.7 | 983.9 | 983.1 | 982.2 | 981.4 | 981.0 | 981.1 | 981.2 | 981.4 | 981.5 | 981.7 |
| 175°   | 988.3 | 987.5 | 986.7 | 985.9 | 985.1 | 984.7 | 984.8 | 984.9 | 985.1 | 985.2 | 985.4 |
| 177.5° | 989.8 | 989.0 | 988.2 | 987.3 | 986.5 | 986.1 | 986.2 | 986.4 | 986.5 | 986.7 | 986.9 |
| 180°   | 988.3 | 988.3 | 988.3 | 988.3 | 988.3 | 988.3 | 988.3 | 988.3 | 988.3 | 988.3 | 988.3 |

TEST NUMBER: P1012546

CATALOG NUMBER: S123RDIP-B340D805UB50-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 50°   | 55°   | 60°   | 65°   | 67.5° | 70°   | 75°   | 80°   | 85°   | 90°   | 95°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 509.2 | 509.2 | 509.2 | 509.2 | 509.2 | 509.2 | 509.2 | 509.2 | 509.2 | 509.2 | 509.2 |
| 2.5°   | 537.6 | 537.6 | 541.5 | 545.4 | 543.2 | 544.5 | 549.3 | 547.6 | 551.1 | 550.6 | 552.0 |
| 5°     | 578.1 | 582.9 | 586.8 | 595.1 | 596.4 | 595.1 | 603.4 | 605.6 | 609.5 | 604.7 | 606.9 |
| 7.5°   | 623.9 | 633.9 | 643.5 | 655.7 | 659.6 | 660.5 | 664.9 | 671.0 | 676.2 | 666.6 | 671.4 |
| 10°    | 668.4 | 683.6 | 703.2 | 714.1 | 723.7 | 727.2 | 730.7 | 734.6 | 740.7 | 746.4 | 742.0 |
| 12.5°  | 716.3 | 738.6 | 757.3 | 776.9 | 788.7 | 787.4 | 797.4 | 800.0 | 804.8 | 806.1 | 807.9 |
| 15°    | 755.6 | 786.9 | 798.7 | 827.9 | 830.5 | 839.3 | 850.6 | 860.6 | 861.9 | 859.3 | 859.3 |
| 17.5°  | 793.0 | 820.1 | 841.0 | 864.6 | 869.3 | 876.8 | 891.1 | 895.9 | 897.7 | 897.2 | 897.2 |
| 20°    | 823.6 | 841.4 | 876.8 | 896.4 | 904.2 | 913.8 | 923.8 | 929.9 | 931.3 | 933.0 | 930.4 |
| 22.5°  | 843.6 | 870.7 | 899.4 | 915.6 | 922.1 | 925.6 | 932.1 | 933.9 | 931.7 | 932.1 | 932.6 |
| 25°    | 859.3 | 885.9 | 903.4 | 907.7 | 907.3 | 902.9 | 898.1 | 889.8 | 889.0 | 885.5 | 878.5 |
| 27.5°  | 863.7 | 873.7 | 871.5 | 853.7 | 835.8 | 834.0 | 805.3 | 789.6 | 771.7 | 774.3 | 764.3 |
| 30°    | 840.1 | 827.1 | 796.1 | 750.8 | 732.0 | 701.5 | 669.2 | 635.7 | 622.6 | 608.2 | 634.8 |
| 32.5°  | 782.6 | 735.9 | 681.0 | 622.1 | 590.8 | 563.7 | 529.3 | 504.9 | 490.9 | 479.1 | 501.8 |
| 35°    | 695.8 | 623.0 | 550.2 | 494.4 | 468.7 | 444.3 | 412.0 | 399.8 | 382.4 | 384.1 | 386.3 |
| 37.5°  | 584.2 | 504.0 | 449.1 | 394.1 | 377.1 | 367.1 | 343.6 | 324.8 | 318.7 | 317.0 | 317.0 |
| 40°    | 479.6 | 413.7 | 364.9 | 321.8 | 308.7 | 300.4 | 281.6 | 272.9 | 266.4 | 264.6 | 266.8 |
| 42.5°  | 396.7 | 340.5 | 302.6 | 273.8 | 264.6 | 254.2 | 246.3 | 235.4 | 234.1 | 231.1 | 235.0 |
| 45°    | 333.1 | 284.3 | 255.9 | 235.0 | 227.1 | 223.2 | 214.5 | 208.0 | 205.3 | 204.9 | 208.0 |
| 47.5°  | 282.5 | 244.6 | 219.7 | 206.7 | 200.6 | 196.6 | 189.2 | 186.6 | 184.0 | 184.9 | 183.5 |
| 50°    | 237.2 | 208.8 | 192.7 | 180.9 | 177.0 | 173.1 | 168.3 | 165.7 | 164.4 | 164.4 | 163.9 |
| 52.5°  | 203.6 | 180.1 | 169.6 | 158.7 | 157.0 | 154.8 | 149.5 | 147.8 | 145.6 | 145.2 | 146.9 |
| 55°    | 174.4 | 158.3 | 147.8 | 141.3 | 139.5 | 135.2 | 133.0 | 130.8 | 129.5 | 128.6 | 129.1 |
| 57.5°  | 149.1 | 136.9 | 129.9 | 124.3 | 121.2 | 119.5 | 115.5 | 115.1 | 114.2 | 114.2 | 113.8 |
| 60°    | 128.2 | 119.5 | 111.2 | 107.7 | 105.5 | 103.3 | 102.9 | 100.3 | 99.0  | 99.8  | 99.4  |
| 62.5°  | 108.6 | 101.6 | 96.8  | 92.9  | 91.6  | 89.8  | 88.5  | 87.6  | 86.3  | 86.8  | 86.8  |
| 65°    | 90.7  | 85.0  | 81.5  | 78.0  | 77.6  | 75.9  | 75.4  | 74.6  | 74.6  | 74.1  | 75.0  |
| 67.5°  | 74.6  | 70.6  | 67.6  | 65.4  | 64.1  | 64.5  | 62.8  | 61.5  | 61.5  | 61.0  | 62.3  |
| 70°    | 59.3  | 57.1  | 54.1  | 51.4  | 49.7  | 49.7  | 47.5  | 47.1  | 47.1  | 47.1  | 46.6  |
| 72.5°  | 45.8  | 41.9  | 40.5  | 39.7  | 39.7  | 39.7  | 38.8  | 38.8  | 38.4  | 38.8  | 38.4  |
| 75°    | 34.0  | 33.6  | 32.7  | 32.3  | 32.3  | 31.8  | 31.4  | 31.4  | 31.4  | 31.4  | 31.4  |
| 77.5°  | 26.6  | 26.6  | 25.7  | 25.3  | 25.3  | 25.3  | 24.9  | 24.9  | 24.4  | 24.4  | 24.4  |
| 80°    | 19.6  | 19.6  | 18.7  | 18.7  | 18.7  | 18.3  | 18.3  | 18.3  | 18.7  | 18.3  | 18.3  |
| 82.5°  | 13.5  | 13.5  | 13.1  | 13.5  | 13.1  | 12.6  | 12.6  | 12.6  | 12.2  | 12.6  | 12.6  |
| 85°    | 7.8   | 7.8   | 7.4   | 7.0   | 7.4   | 7.4   | 7.0   | 7.4   | 7.0   | 7.4   | 7.0   |
| 87.5°  | 3.1   | 2.6   | 2.6   | 2.6   | 2.2   | 2.6   | 2.2   | 2.2   | 2.6   | 2.2   | 2.6   |
| 90°    | 18.3  | 18.9  | 19.6  | 20.3  | 20.6  | 20.8  | 21.1  | 21.4  | 21.7  | 22.0  | 21.7  |
| 92.5°  | 20.2  | 21.4  | 22.5  | 23.6  | 24.2  | 24.3  | 24.5  | 24.6  | 24.8  | 25.0  | 24.8  |
| 95°    | 23.9  | 25.1  | 26.2  | 27.3  | 27.9  | 27.9  | 27.9  | 27.9  | 27.9  | 27.9  | 27.9  |
| 97.5°  | 24.8  | 26.1  | 27.4  | 28.7  | 29.4  | 29.5  | 29.6  | 29.8  | 29.9  | 30.1  | 29.9  |
| 100°   | 25.5  | 26.8  | 28.1  | 29.4  | 30.1  | 30.2  | 30.3  | 30.5  | 30.6  | 30.8  | 30.6  |
| 102.5° | 48.9  | 43.5  | 38.2  | 32.8  | 30.1  | 30.3  | 30.6  | 30.9  | 31.3  | 31.6  | 31.3  |
| 105°   | 131.9 | 103.0 | 74.1  | 45.2  | 30.8  | 31.0  | 31.3  | 31.6  | 32.0  | 32.3  | 32.0  |
| 107.5° | 260.5 | 235.4 | 210.3 | 185.2 | 172.6 | 161.9 | 140.5 | 119.2 | 97.8  | 76.4  | 97.8  |
| 110°   | 325.8 | 320.4 | 315.0 | 309.6 | 306.9 | 295.2 | 271.9 | 248.6 | 225.2 | 201.9 | 225.2 |

TEST NUMBER: P1012546

CATALOG NUMBER: S123RDIP-B340D805UB50-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 50°   | 55°   | 60°   | 65°   | 67.5° | 70°   | 75°   | 80°   | 85°   | 90°   | 95°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 378.9 | 380.3 | 381.8 | 383.3 | 384.0 | 383.8 | 383.5 | 383.2 | 382.9 | 382.6 | 382.9 |
| 115°   | 423.1 | 424.7 | 426.4 | 428.0 | 428.8 | 429.1 | 429.8 | 430.5 | 431.1 | 431.8 | 431.1 |
| 117.5° | 466.1 | 467.4 | 468.7 | 470.0 | 470.7 | 470.8 | 470.9 | 471.1 | 471.2 | 471.4 | 471.2 |
| 120°   | 508.0 | 509.3 | 510.6 | 511.9 | 512.5 | 512.5 | 512.5 | 512.5 | 512.5 | 512.5 | 512.5 |
| 122.5° | 549.3 | 550.1 | 551.0 | 551.8 | 552.2 | 552.3 | 552.4 | 552.6 | 552.7 | 552.9 | 552.7 |
| 125°   | 587.7 | 588.1 | 588.4 | 588.7 | 588.9 | 589.1 | 589.4 | 589.7 | 590.1 | 590.4 | 590.1 |
| 127.5° | 626.8 | 627.3 | 627.8 | 628.3 | 628.5 | 628.3 | 628.0 | 627.7 | 627.4 | 627.1 | 627.4 |
| 130°   | 661.5 | 662.1 | 662.8 | 663.5 | 663.8 | 663.6 | 663.3 | 663.0 | 662.6 | 662.3 | 662.6 |
| 132.5° | 694.5 | 695.2 | 695.8 | 696.5 | 696.8 | 696.6 | 696.1 | 695.6 | 695.1 | 694.6 | 695.1 |
| 135°   | 728.2 | 728.7 | 729.2 | 729.7 | 729.9 | 729.7 | 729.2 | 728.7 | 728.2 | 727.7 | 728.2 |
| 137.5° | 757.8 | 758.6 | 759.5 | 760.3 | 760.7 | 760.5 | 760.2 | 759.9 | 759.5 | 759.2 | 759.5 |
| 140°   | 786.3 | 787.0 | 787.6 | 788.3 | 788.6 | 788.4 | 788.1 | 787.8 | 787.4 | 787.1 | 787.4 |
| 142.5° | 813.3 | 813.8 | 814.3 | 814.8 | 815.0 | 814.8 | 814.3 | 813.8 | 813.3 | 812.8 | 813.3 |
| 145°   | 838.1 | 838.5 | 838.8 | 839.1 | 839.3 | 839.3 | 839.3 | 839.3 | 839.3 | 839.3 | 839.3 |
| 147.5° | 860.9 | 861.2 | 861.5 | 861.8 | 862.0 | 861.6 | 860.8 | 860.0 | 859.2 | 858.4 | 859.2 |
| 150°   | 881.4 | 881.8 | 882.1 | 882.4 | 882.6 | 882.4 | 881.9 | 881.4 | 880.9 | 880.4 | 880.9 |
| 152.5° | 899.4 | 900.1 | 900.7 | 901.4 | 901.7 | 901.3 | 900.5 | 899.6 | 898.8 | 898.0 | 898.8 |
| 155°   | 915.7 | 916.5 | 917.4 | 918.2 | 918.6 | 918.1 | 917.1 | 916.2 | 915.2 | 914.2 | 915.2 |
| 157.5° | 930.6 | 931.6 | 932.5 | 933.5 | 934.0 | 933.3 | 932.0 | 930.7 | 929.4 | 928.1 | 929.4 |
| 160°   | 943.1 | 944.1 | 945.0 | 946.0 | 946.5 | 945.9 | 944.8 | 943.6 | 942.5 | 941.3 | 942.5 |
| 162.5° | 954.2 | 955.4 | 956.5 | 957.6 | 958.2 | 957.7 | 956.7 | 955.8 | 954.8 | 953.8 | 954.8 |
| 165°   | 963.9 | 965.2 | 966.5 | 967.8 | 968.5 | 967.9 | 966.8 | 965.7 | 964.5 | 963.4 | 964.5 |
| 167.5° | 972.0 | 973.3 | 974.6 | 975.9 | 976.6 | 975.9 | 974.6 | 973.3 | 972.0 | 970.7 | 972.0 |
| 170°   | 978.6 | 979.9 | 981.2 | 982.5 | 983.2 | 982.5 | 981.2 | 979.9 | 978.6 | 977.3 | 978.6 |
| 172.5° | 983.0 | 984.3 | 985.6 | 986.9 | 987.6 | 986.9 | 985.4 | 983.9 | 982.5 | 981.0 | 982.5 |
| 175°   | 986.5 | 987.7 | 988.8 | 989.9 | 990.5 | 989.9 | 988.6 | 987.3 | 986.0 | 984.7 | 986.0 |
| 177.5° | 988.2 | 989.5 | 990.8 | 992.1 | 992.7 | 991.9 | 990.3 | 988.6 | 987.0 | 985.4 | 987.0 |
| 180°   | 988.3 | 988.3 | 988.3 | 988.3 | 988.3 | 988.3 | 988.3 | 988.3 | 988.3 | 988.3 | 988.3 |

TEST NUMBER: P1012546

CATALOG NUMBER: S123RDIP-B340D805UB50-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 100°  | 105°  | 110°  | 112.5° | 115°  | 120°  | 125°  | 130°  | 135°  | 140°  | 145°  |
|--------|-------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 509.2 | 509.2 | 509.2 | 509.2  | 509.2 | 509.2 | 509.2 | 509.2 | 509.2 | 509.2 | 509.2 |
| 2.5°   | 549.8 | 547.2 | 545.4 | 544.1  | 542.8 | 546.7 | 541.5 | 535.8 | 531.9 | 529.3 | 528.4 |
| 5°     | 607.3 | 601.7 | 596.9 | 592.9  | 593.8 | 593.8 | 584.7 | 574.6 | 565.9 | 561.1 | 555.9 |
| 7.5°   | 674.0 | 667.9 | 658.3 | 656.2  | 654.4 | 643.5 | 634.4 | 616.0 | 605.1 | 594.2 | 584.7 |
| 10°    | 740.3 | 732.4 | 723.3 | 720.2  | 715.9 | 702.4 | 688.4 | 664.9 | 651.4 | 631.3 | 618.7 |
| 12.5°  | 802.2 | 792.6 | 783.5 | 781.3  | 774.7 | 763.0 | 739.0 | 714.6 | 691.5 | 670.1 | 647.9 |
| 15°    | 854.1 | 851.5 | 837.5 | 828.8  | 814.4 | 798.3 | 793.0 | 759.9 | 730.7 | 708.5 | 668.4 |
| 17.5°  | 897.7 | 885.5 | 872.4 | 866.7  | 861.1 | 842.3 | 823.6 | 789.6 | 758.2 | 725.5 | 699.7 |
| 20°    | 932.6 | 919.0 | 909.9 | 901.6  | 899.0 | 877.6 | 848.0 | 817.9 | 783.5 | 746.8 | 713.3 |
| 22.5°  | 934.3 | 932.6 | 926.5 | 921.7  | 916.4 | 902.5 | 878.9 | 841.4 | 804.8 | 764.7 | 720.7 |
| 25°    | 898.1 | 895.5 | 912.9 | 908.6  | 912.1 | 906.8 | 894.2 | 862.8 | 820.1 | 773.0 | 728.5 |
| 27.5°  | 789.1 | 815.7 | 843.2 | 852.8  | 859.3 | 878.1 | 884.2 | 866.7 | 832.3 | 782.1 | 732.4 |
| 30°    | 640.9 | 676.2 | 720.7 | 744.7  | 763.0 | 797.8 | 843.2 | 848.9 | 832.7 | 792.6 | 731.6 |
| 32.5°  | 503.1 | 535.4 | 571.1 | 599.5  | 623.9 | 695.4 | 756.4 | 800.5 | 808.3 | 787.4 | 733.8 |
| 35°    | 405.5 | 419.4 | 453.4 | 480.5  | 513.6 | 574.6 | 646.6 | 717.6 | 765.6 | 768.2 | 727.2 |
| 37.5°  | 334.4 | 341.8 | 371.5 | 386.7  | 406.3 | 460.0 | 527.1 | 620.0 | 694.5 | 729.8 | 708.9 |
| 40°    | 276.8 | 293.9 | 310.9 | 319.6  | 333.5 | 370.6 | 435.1 | 507.9 | 600.3 | 665.7 | 680.6 |
| 42.5°  | 240.2 | 247.6 | 258.5 | 270.7  | 279.5 | 311.7 | 354.9 | 421.6 | 504.9 | 596.0 | 637.0 |
| 45°    | 211.9 | 214.5 | 225.8 | 233.7  | 242.8 | 265.5 | 296.0 | 351.8 | 425.1 | 514.9 | 584.7 |
| 47.5°  | 188.3 | 193.6 | 199.7 | 204.5  | 210.6 | 228.0 | 254.2 | 294.7 | 359.2 | 439.5 | 514.5 |
| 50°    | 167.4 | 170.5 | 178.3 | 180.5  | 184.9 | 197.1 | 217.1 | 248.1 | 301.3 | 365.4 | 443.0 |
| 52.5°  | 147.8 | 153.5 | 156.5 | 159.6  | 163.5 | 173.5 | 186.6 | 211.9 | 252.0 | 312.2 | 378.0 |
| 55°    | 132.5 | 134.3 | 138.6 | 141.3  | 144.3 | 151.3 | 162.6 | 181.4 | 212.8 | 260.7 | 323.1 |
| 57.5°  | 117.7 | 117.7 | 122.1 | 124.3  | 127.3 | 132.5 | 142.6 | 157.0 | 179.6 | 215.4 | 272.5 |
| 60°    | 102.0 | 102.5 | 105.9 | 108.6  | 109.4 | 114.7 | 122.9 | 134.3 | 151.7 | 177.9 | 224.5 |
| 62.5°  | 88.1  | 90.2  | 92.0  | 92.9   | 95.9  | 99.0  | 105.9 | 113.8 | 126.0 | 149.1 | 182.2 |
| 65°    | 76.3  | 76.7  | 78.0  | 78.9   | 80.2  | 83.7  | 88.9  | 94.2  | 104.6 | 121.6 | 148.7 |
| 67.5°  | 62.8  | 64.5  | 66.3  | 66.3   | 67.6  | 69.3  | 74.6  | 78.9  | 86.8  | 96.8  | 115.1 |
| 70°    | 47.1  | 48.0  | 50.6  | 51.9   | 53.6  | 56.7  | 59.3  | 61.9  | 68.0  | 75.4  | 89.4  |
| 72.5°  | 39.2  | 39.2  | 40.1  | 40.5   | 40.5  | 42.7  | 46.6  | 49.3  | 52.3  | 57.5  | 67.1  |
| 75°    | 31.4  | 31.4  | 32.7  | 32.3   | 33.1  | 34.0  | 34.4  | 36.2  | 37.9  | 41.9  | 47.5  |
| 77.5°  | 24.9  | 25.3  | 25.3  | 25.7   | 25.7  | 26.2  | 26.6  | 27.5  | 28.3  | 30.5  | 33.1  |
| 80°    | 18.3  | 18.7  | 18.7  | 19.2   | 19.2  | 19.6  | 20.1  | 20.5  | 21.4  | 22.2  | 23.5  |
| 82.5°  | 12.6  | 13.1  | 13.1  | 13.5   | 13.1  | 13.5  | 14.0  | 14.0  | 14.4  | 15.3  | 15.7  |
| 85°    | 7.4   | 7.4   | 7.8   | 7.4    | 7.4   | 7.4   | 7.8   | 7.8   | 8.3   | 9.6   | 9.6   |
| 87.5°  | 2.2   | 2.6   | 2.2   | 2.6    | 2.6   | 2.6   | 2.6   | 3.1   | 3.1   | 3.5   | 3.9   |
| 90°    | 21.4  | 21.1  | 20.8  | 20.6   | 20.3  | 19.6  | 18.9  | 18.3  | 17.6  | 15.5  | 13.4  |
| 92.5°  | 24.6  | 24.5  | 24.3  | 24.2   | 23.6  | 22.5  | 21.4  | 20.2  | 19.1  | 17.6  | 16.2  |
| 95°    | 27.9  | 27.9  | 27.9  | 27.9   | 27.3  | 26.2  | 25.1  | 23.9  | 22.8  | 21.0  | 19.2  |
| 97.5°  | 29.8  | 29.6  | 29.5  | 29.4   | 28.7  | 27.4  | 26.1  | 24.8  | 23.5  | 31.8  | 40.1  |
| 100°   | 30.5  | 30.3  | 30.2  | 30.1   | 29.4  | 28.1  | 26.8  | 25.5  | 24.2  | 49.7  | 75.1  |
| 102.5° | 30.9  | 30.6  | 30.3  | 30.1   | 32.8  | 38.2  | 43.5  | 48.9  | 54.3  | 82.7  | 111.1 |
| 105°   | 31.6  | 31.3  | 31.0  | 30.8   | 45.2  | 74.1  | 103.0 | 131.9 | 160.8 | 175.5 | 190.2 |
| 107.5° | 119.2 | 140.5 | 161.9 | 172.6  | 185.2 | 210.3 | 235.4 | 260.5 | 285.6 | 283.2 | 280.7 |
| 110°   | 248.6 | 271.9 | 295.2 | 306.9  | 309.6 | 315.0 | 320.4 | 325.8 | 331.2 | 329.4 | 327.6 |

TEST NUMBER: P1012546

CATALOG NUMBER: S123RDIP-B340D805UB50-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 100°  | 105°  | 110°  | 112.5° | 115°  | 120°  | 125°  | 130°  | 135°  | 140°  | 145°  |
|--------|-------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 383.2 | 383.5 | 383.8 | 384.0  | 383.3 | 381.8 | 380.3 | 378.9 | 377.4 | 375.6 | 373.8 |
| 115°   | 430.5 | 429.8 | 429.1 | 428.8  | 428.0 | 426.4 | 424.7 | 423.1 | 421.5 | 420.0 | 418.6 |
| 117.5° | 471.1 | 470.9 | 470.8 | 470.7  | 470.0 | 468.7 | 467.4 | 466.1 | 464.8 | 464.0 | 463.2 |
| 120°   | 512.5 | 512.5 | 512.5 | 512.5  | 511.9 | 510.6 | 509.3 | 508.0 | 506.7 | 506.2 | 505.7 |
| 122.5° | 552.6 | 552.4 | 552.3 | 552.2  | 551.8 | 551.0 | 550.1 | 549.3 | 548.5 | 547.9 | 547.2 |
| 125°   | 589.7 | 589.4 | 589.1 | 588.9  | 588.7 | 588.4 | 588.1 | 587.7 | 587.4 | 586.8 | 586.1 |
| 127.5° | 627.7 | 628.0 | 628.3 | 628.5  | 628.3 | 627.8 | 627.3 | 626.8 | 626.3 | 625.5 | 624.7 |
| 130°   | 663.0 | 663.3 | 663.6 | 663.8  | 663.5 | 662.8 | 662.1 | 661.5 | 660.8 | 660.2 | 659.5 |
| 132.5° | 695.6 | 696.1 | 696.6 | 696.8  | 696.5 | 695.8 | 695.2 | 694.5 | 693.9 | 693.4 | 692.9 |
| 135°   | 728.7 | 729.2 | 729.7 | 729.9  | 729.7 | 729.2 | 728.7 | 728.2 | 727.7 | 727.0 | 726.4 |
| 137.5° | 759.9 | 760.2 | 760.5 | 760.7  | 760.3 | 759.5 | 758.6 | 757.8 | 757.0 | 756.7 | 756.4 |
| 140°   | 787.8 | 788.1 | 788.4 | 788.6  | 788.3 | 787.6 | 787.0 | 786.3 | 785.7 | 785.2 | 784.7 |
| 142.5° | 813.8 | 814.3 | 814.8 | 815.0  | 814.8 | 814.3 | 813.8 | 813.3 | 812.8 | 812.3 | 811.8 |
| 145°   | 839.3 | 839.3 | 839.3 | 839.3  | 839.1 | 838.8 | 838.5 | 838.1 | 837.8 | 837.5 | 837.1 |
| 147.5° | 860.0 | 860.8 | 861.6 | 862.0  | 861.8 | 861.5 | 861.2 | 860.9 | 860.6 | 860.3 | 859.9 |
| 150°   | 881.4 | 881.9 | 882.4 | 882.6  | 882.4 | 882.1 | 881.8 | 881.4 | 881.1 | 880.8 | 880.5 |
| 152.5° | 899.6 | 900.5 | 901.3 | 901.7  | 901.4 | 900.7 | 900.1 | 899.4 | 898.8 | 898.6 | 898.4 |
| 155°   | 916.2 | 917.1 | 918.1 | 918.6  | 918.2 | 917.4 | 916.5 | 915.7 | 914.9 | 914.7 | 914.6 |
| 157.5° | 930.7 | 932.0 | 933.3 | 934.0  | 933.5 | 932.5 | 931.6 | 930.6 | 929.6 | 929.8 | 929.9 |
| 160°   | 943.6 | 944.8 | 945.9 | 946.5  | 946.0 | 945.0 | 944.1 | 943.1 | 942.1 | 942.3 | 942.4 |
| 162.5° | 955.8 | 956.7 | 957.7 | 958.2  | 957.6 | 956.5 | 955.4 | 954.2 | 953.1 | 953.3 | 953.4 |
| 165°   | 965.7 | 966.8 | 967.9 | 968.5  | 967.8 | 966.5 | 965.2 | 963.9 | 962.6 | 962.8 | 963.0 |
| 167.5° | 973.3 | 974.6 | 975.9 | 976.6  | 975.9 | 974.6 | 973.3 | 972.0 | 970.7 | 970.7 | 970.7 |
| 170°   | 979.9 | 981.2 | 982.5 | 983.2  | 982.5 | 981.2 | 979.9 | 978.6 | 977.3 | 977.3 | 977.3 |
| 172.5° | 983.9 | 985.4 | 986.9 | 987.6  | 986.9 | 985.6 | 984.3 | 983.0 | 981.7 | 981.5 | 981.4 |
| 175°   | 987.3 | 988.6 | 989.9 | 990.5  | 989.9 | 988.8 | 987.7 | 986.5 | 985.4 | 985.2 | 985.1 |
| 177.5° | 988.6 | 990.3 | 991.9 | 992.7  | 992.1 | 990.8 | 989.5 | 988.2 | 986.9 | 986.7 | 986.5 |
| 180°   | 988.3 | 988.3 | 988.3 | 988.3  | 988.3 | 988.3 | 988.3 | 988.3 | 988.3 | 988.3 | 988.3 |

TEST NUMBER: P1012546

CATALOG NUMBER: S123RDIP-B340D805UB50-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 150°  | 155°  | 157.5° | 160°  | 165°  | 170°  | 175°  | 180°  | 185°  | 190°  | 195°  |
|--------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 509.2 | 509.2 | 509.2  | 509.2 | 509.2 | 509.2 | 509.2 | 509.2 | 509.2 | 509.2 | 509.2 |
| 2.5°   | 527.1 | 524.9 | 522.7  | 522.7 | 517.9 | 513.6 | 511.4 | 512.3 | 509.7 | 506.2 | 502.7 |
| 5°     | 550.2 | 541.5 | 539.7  | 534.9 | 528.4 | 519.3 | 514.5 | 510.1 | 504.9 | 497.9 | 491.4 |
| 7.5°   | 571.6 | 560.2 | 554.1  | 549.3 | 536.7 | 524.0 | 513.6 | 506.6 | 497.5 | 487.0 | 479.1 |
| 10°    | 599.5 | 578.5 | 572.0  | 561.1 | 543.2 | 525.4 | 513.1 | 501.8 | 489.2 | 477.0 | 466.5 |
| 12.5°  | 621.7 | 597.7 | 585.5  | 574.6 | 551.5 | 528.8 | 508.4 | 494.4 | 479.1 | 465.6 | 452.1 |
| 15°    | 647.0 | 620.0 | 598.6  | 585.5 | 556.3 | 528.8 | 505.7 | 486.1 | 469.1 | 452.5 | 440.8 |
| 17.5°  | 659.2 | 625.2 | 615.6  | 596.9 | 554.6 | 527.1 | 498.8 | 477.8 | 457.3 | 438.2 | 424.2 |
| 20°    | 678.4 | 638.7 | 614.7  | 602.1 | 564.6 | 524.0 | 490.9 | 466.9 | 445.6 | 425.1 | 410.3 |
| 22.5°  | 679.7 | 636.5 | 620.8  | 596.9 | 550.6 | 514.9 | 483.9 | 454.7 | 429.9 | 410.7 | 395.4 |
| 25°    | 676.6 | 632.6 | 610.8  | 591.6 | 553.3 | 509.7 | 470.0 | 441.2 | 416.8 | 394.6 | 376.7 |
| 27.5°  | 675.3 | 621.3 | 600.8  | 581.6 | 538.4 | 494.4 | 461.7 | 429.0 | 401.1 | 381.5 | 363.2 |
| 30°    | 673.6 | 609.1 | 584.2  | 562.0 | 522.3 | 482.6 | 443.4 | 415.1 | 388.5 | 363.6 | 345.3 |
| 32.5°  | 662.3 | 592.5 | 567.2  | 543.7 | 500.9 | 461.3 | 430.3 | 400.2 | 371.5 | 348.3 | 331.8 |
| 35°    | 658.8 | 577.2 | 544.1  | 518.8 | 477.0 | 441.6 | 409.0 | 384.1 | 357.1 | 334.0 | 314.3 |
| 37.5°  | 648.7 | 561.5 | 525.8  | 493.5 | 449.9 | 416.4 | 392.4 | 367.5 | 341.4 | 316.5 | 300.8 |
| 40°    | 631.3 | 543.2 | 502.7  | 469.6 | 424.6 | 390.6 | 368.4 | 350.1 | 324.4 | 302.1 | 283.0 |
| 42.5°  | 605.6 | 524.5 | 480.9  | 446.0 | 396.3 | 364.5 | 346.2 | 328.7 | 306.9 | 283.8 | 268.1 |
| 45°    | 575.9 | 499.6 | 459.1  | 420.3 | 369.7 | 338.8 | 319.6 | 309.1 | 289.1 | 269.4 | 251.1 |
| 47.5°  | 535.4 | 473.9 | 433.8  | 393.7 | 342.2 | 312.2 | 296.9 | 286.4 | 272.5 | 251.1 | 236.3 |
| 50°    | 484.4 | 440.8 | 402.8  | 367.1 | 315.2 | 286.4 | 271.2 | 263.3 | 251.6 | 236.3 | 221.9 |
| 52.5°  | 427.7 | 402.4 | 371.0  | 337.9 | 287.7 | 260.7 | 246.8 | 240.7 | 231.9 | 217.6 | 205.3 |
| 55°    | 370.6 | 359.7 | 338.3  | 305.6 | 259.0 | 236.7 | 224.5 | 216.7 | 210.1 | 199.7 | 189.2 |
| 57.5°  | 319.6 | 314.3 | 299.5  | 274.2 | 235.0 | 211.9 | 201.4 | 196.2 | 191.0 | 183.1 | 172.6 |
| 60°    | 266.8 | 272.5 | 257.2  | 244.6 | 208.8 | 188.8 | 179.6 | 174.0 | 171.3 | 164.4 | 157.8 |
| 62.5°  | 221.0 | 226.3 | 217.6  | 208.0 | 182.7 | 164.8 | 159.1 | 153.9 | 152.2 | 146.1 | 139.5 |
| 65°    | 179.6 | 186.2 | 179.6  | 174.4 | 159.1 | 144.3 | 137.3 | 134.7 | 133.0 | 129.1 | 123.8 |
| 67.5°  | 143.0 | 149.5 | 146.5  | 139.9 | 135.2 | 122.9 | 119.0 | 116.4 | 115.5 | 112.5 | 108.1 |
| 70°    | 107.7 | 116.8 | 117.7  | 113.8 | 109.4 | 103.8 | 101.1 | 100.3 | 98.1  | 95.5  | 92.9  |
| 72.5°  | 77.6  | 88.1  | 88.5   | 88.5  | 85.9  | 85.9  | 83.3  | 82.0  | 82.0  | 79.3  | 76.3  |
| 75°    | 57.1  | 64.1  | 65.0   | 65.8  | 67.1  | 68.4  | 66.7  | 66.7  | 66.3  | 63.7  | 62.3  |
| 77.5°  | 37.9  | 44.0  | 46.2   | 49.3  | 51.0  | 51.0  | 51.9  | 52.8  | 51.9  | 50.6  | 49.7  |
| 80°    | 24.4  | 28.8  | 31.4   | 33.1  | 35.8  | 37.1  | 38.4  | 38.8  | 37.9  | 37.5  | 36.2  |
| 82.5°  | 16.1  | 17.4  | 18.7   | 20.9  | 24.0  | 26.2  | 26.2  | 25.7  | 26.6  | 26.2  | 25.7  |
| 85°    | 9.2   | 10.0  | 10.5   | 10.9  | 12.6  | 14.8  | 15.3  | 15.7  | 16.6  | 15.7  | 14.8  |
| 87.5°  | 3.5   | 3.9   | 3.9    | 3.9   | 4.8   | 5.2   | 6.5   | 8.3   | 7.8   | 7.0   | 7.0   |
| 90°    | 11.3  | 9.2   | 8.1    | 7.3   | 5.6   | 4.0   | 2.3   | 0.7   | 2.3   | 4.0   | 5.6   |
| 92.5°  | 14.7  | 13.2  | 12.5   | 13.0  | 14.0  | 14.9  | 15.9  | 16.9  | 15.9  | 14.9  | 14.0  |
| 95°    | 17.4  | 15.6  | 14.7   | 18.0  | 24.7  | 31.4  | 38.1  | 44.8  | 38.1  | 31.4  | 24.7  |
| 97.5°  | 48.4  | 56.7  | 60.9   | 63.2  | 67.8  | 72.3  | 76.9  | 81.5  | 76.9  | 72.3  | 67.8  |
| 100°   | 100.6 | 126.1 | 138.8  | 137.2 | 133.9 | 130.6 | 127.4 | 124.1 | 127.4 | 130.6 | 133.9 |
| 102.5° | 139.5 | 167.9 | 182.1  | 181.0 | 178.9 | 176.8 | 174.7 | 172.6 | 174.7 | 176.8 | 178.9 |
| 105°   | 204.9 | 219.6 | 226.9  | 226.0 | 224.2 | 222.4 | 220.6 | 218.8 | 220.6 | 222.4 | 224.2 |
| 107.5° | 278.3 | 275.8 | 274.6  | 273.9 | 272.4 | 270.9 | 269.5 | 268.0 | 269.5 | 270.9 | 272.4 |
| 110°   | 325.8 | 324.0 | 323.1  | 322.4 | 321.1 | 319.8 | 318.5 | 317.2 | 318.5 | 319.8 | 321.1 |

TEST NUMBER: P1012546

CATALOG NUMBER: S123RDIP-B340D805UB50-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 150°  | 155°  | 157.5° | 160°  | 165°  | 170°  | 175°  | 180°  | 185°  | 190°  | 195°  |
|--------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 372.0 | 370.2 | 369.3  | 368.7 | 367.6 | 366.5 | 365.3 | 364.2 | 365.3 | 366.5 | 367.6 |
| 115°   | 417.1 | 415.6 | 414.9  | 414.4 | 413.4 | 412.5 | 411.5 | 410.5 | 411.5 | 412.5 | 413.4 |
| 117.5° | 462.3 | 461.5 | 461.1  | 460.5 | 459.4 | 458.3 | 457.1 | 456.0 | 457.1 | 458.3 | 459.4 |
| 120°   | 505.2 | 504.7 | 504.4  | 503.7 | 502.2 | 500.7 | 499.3 | 497.8 | 499.3 | 500.7 | 502.2 |
| 122.5° | 546.6 | 545.9 | 545.6  | 545.0 | 543.9 | 542.7 | 541.6 | 540.4 | 541.6 | 542.7 | 543.9 |
| 125°   | 585.5 | 584.8 | 584.5  | 583.8 | 582.5 | 581.2 | 579.9 | 578.6 | 579.9 | 581.2 | 582.5 |
| 127.5° | 623.9 | 623.1 | 622.7  | 622.0 | 620.7 | 619.4 | 618.1 | 616.8 | 618.1 | 619.4 | 620.7 |
| 130°   | 658.9 | 658.2 | 657.9  | 657.2 | 655.9 | 654.6 | 653.3 | 652.0 | 653.3 | 654.6 | 655.9 |
| 132.5° | 692.4 | 691.9 | 691.7  | 691.0 | 689.7 | 688.4 | 687.1 | 685.8 | 687.1 | 688.4 | 689.7 |
| 135°   | 725.7 | 725.0 | 724.7  | 724.2 | 723.2 | 722.3 | 721.3 | 720.3 | 721.3 | 722.3 | 723.2 |
| 137.5° | 756.1 | 755.8 | 755.6  | 754.9 | 753.6 | 752.3 | 751.0 | 749.7 | 751.0 | 752.3 | 753.6 |
| 140°   | 784.2 | 783.7 | 783.5  | 783.0 | 782.0 | 781.1 | 780.1 | 779.1 | 780.1 | 781.1 | 782.0 |
| 142.5° | 811.3 | 810.8 | 810.6  | 810.1 | 809.1 | 808.2 | 807.2 | 806.2 | 807.2 | 808.2 | 809.1 |
| 145°   | 836.8 | 836.5 | 836.3  | 835.7 | 834.6 | 833.5 | 832.3 | 831.2 | 832.3 | 833.5 | 834.6 |
| 147.5° | 859.6 | 859.3 | 859.1  | 858.7 | 857.9 | 857.0 | 856.2 | 855.4 | 856.2 | 857.0 | 857.9 |
| 150°   | 880.2 | 879.9 | 879.7  | 879.5 | 879.0 | 878.5 | 878.0 | 877.5 | 878.0 | 878.5 | 879.0 |
| 152.5° | 898.3 | 898.1 | 898.0  | 897.9 | 897.8 | 897.6 | 897.5 | 897.3 | 897.5 | 897.6 | 897.8 |
| 155°   | 914.4 | 914.3 | 914.2  | 914.4 | 914.7 | 915.0 | 915.3 | 915.6 | 915.3 | 915.0 | 914.7 |
| 157.5° | 930.1 | 930.2 | 930.3  | 930.3 | 930.3 | 930.3 | 930.3 | 930.3 | 930.3 | 930.3 | 930.3 |
| 160°   | 942.6 | 942.7 | 942.8  | 942.9 | 943.0 | 943.2 | 943.3 | 943.5 | 943.3 | 943.2 | 943.0 |
| 162.5° | 953.6 | 953.7 | 953.8  | 954.0 | 954.5 | 955.0 | 955.5 | 956.0 | 955.5 | 955.0 | 954.5 |
| 165°   | 963.1 | 963.3 | 963.4  | 963.6 | 964.1 | 964.6 | 965.1 | 965.6 | 965.1 | 964.6 | 964.1 |
| 167.5° | 970.7 | 970.7 | 970.7  | 971.0 | 971.7 | 972.4 | 973.0 | 973.7 | 973.0 | 972.4 | 971.7 |
| 170°   | 977.3 | 977.3 | 977.3  | 977.6 | 978.3 | 979.0 | 979.6 | 980.3 | 979.6 | 979.0 | 978.3 |
| 172.5° | 981.2 | 981.1 | 981.0  | 981.4 | 982.2 | 983.1 | 983.9 | 984.7 | 983.9 | 983.1 | 982.2 |
| 175°   | 984.9 | 984.8 | 984.7  | 985.1 | 985.9 | 986.7 | 987.5 | 988.3 | 987.5 | 986.7 | 985.9 |
| 177.5° | 986.4 | 986.2 | 986.1  | 986.5 | 987.3 | 988.2 | 989.0 | 989.8 | 989.0 | 988.2 | 987.3 |
| 180°   | 988.3 | 988.3 | 988.3  | 988.3 | 988.3 | 988.3 | 988.3 | 988.3 | 988.3 | 988.3 | 988.3 |

TEST NUMBER: P1012546

CATALOG NUMBER: S123RDIP-B340D805UB50-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 200°  | 202.5° | 205°  | 210°  | 215°  | 220°  | 225°  | 230°  | 235°  | 240°  | 245°  |
|--------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 509.2 | 509.2  | 509.2 | 509.2 | 509.2 | 509.2 | 509.2 | 509.2 | 509.2 | 509.2 | 509.2 |
| 2.5°   | 502.7 | 500.5  | 499.6 | 497.5 | 492.2 | 488.7 | 484.8 | 482.2 | 482.6 | 480.5 | 481.8 |
| 5°     | 487.0 | 486.6  | 483.5 | 479.1 | 471.7 | 467.8 | 460.8 | 457.3 | 455.6 | 456.0 | 453.4 |
| 7.5°   | 473.9 | 470.0  | 467.8 | 460.8 | 453.9 | 445.6 | 439.9 | 436.9 | 434.2 | 431.6 | 429.9 |
| 10°    | 459.1 | 455.6  | 452.1 | 444.7 | 435.1 | 427.3 | 419.4 | 416.4 | 412.4 | 410.7 | 409.4 |
| 12.5°  | 443.4 | 441.2  | 436.9 | 428.1 | 417.2 | 409.8 | 400.7 | 398.9 | 393.7 | 390.2 | 389.3 |
| 15°    | 429.0 | 427.7  | 419.8 | 409.8 | 398.9 | 391.5 | 383.7 | 378.4 | 369.7 | 371.5 | 368.4 |
| 17.5°  | 413.7 | 408.1  | 403.3 | 389.8 | 384.5 | 373.2 | 364.0 | 361.4 | 355.3 | 351.4 | 347.5 |
| 20°    | 396.7 | 393.3  | 387.2 | 378.4 | 365.8 | 352.7 | 345.7 | 341.4 | 337.9 | 331.8 | 330.0 |
| 22.5°  | 380.6 | 376.3  | 371.0 | 359.7 | 348.8 | 337.9 | 328.3 | 324.4 | 320.0 | 315.7 | 313.0 |
| 25°    | 368.0 | 361.4  | 355.8 | 341.8 | 330.9 | 321.8 | 315.7 | 309.1 | 303.0 | 300.4 | 299.5 |
| 27.5°  | 348.3 | 344.4  | 338.8 | 325.7 | 315.7 | 305.6 | 300.0 | 295.6 | 289.1 | 286.0 | 283.4 |
| 30°    | 335.7 | 327.9  | 321.3 | 310.9 | 300.8 | 289.9 | 284.7 | 279.5 | 275.5 | 271.6 | 268.6 |
| 32.5°  | 318.7 | 312.6  | 307.4 | 296.9 | 286.9 | 276.8 | 271.2 | 263.3 | 261.2 | 258.1 | 254.6 |
| 35°    | 302.1 | 298.2  | 292.5 | 281.2 | 270.3 | 263.3 | 257.2 | 249.8 | 247.2 | 245.0 | 242.0 |
| 37.5°  | 286.4 | 280.8  | 276.8 | 265.9 | 256.4 | 248.1 | 243.3 | 237.2 | 235.4 | 232.8 | 230.6 |
| 40°    | 272.9 | 267.3  | 263.3 | 252.4 | 242.4 | 233.7 | 230.6 | 224.5 | 221.9 | 218.9 | 217.6 |
| 42.5°  | 257.7 | 252.9  | 247.6 | 239.8 | 229.3 | 220.6 | 214.5 | 211.0 | 207.5 | 206.2 | 203.6 |
| 45°    | 241.5 | 237.2  | 233.2 | 224.5 | 213.6 | 207.5 | 202.3 | 197.5 | 194.9 | 192.7 | 191.0 |
| 47.5°  | 227.6 | 223.7  | 218.4 | 208.8 | 200.1 | 194.4 | 189.2 | 184.4 | 181.8 | 179.2 | 177.0 |
| 50°    | 211.5 | 209.3  | 203.6 | 194.4 | 186.2 | 179.6 | 174.8 | 170.5 | 168.7 | 165.7 | 162.2 |
| 52.5°  | 197.1 | 193.1  | 188.3 | 180.9 | 173.5 | 165.7 | 159.1 | 156.5 | 153.5 | 151.7 | 148.7 |
| 55°    | 180.1 | 177.4  | 172.2 | 165.7 | 157.8 | 151.3 | 146.5 | 143.0 | 139.1 | 137.3 | 133.4 |
| 57.5°  | 165.7 | 160.9  | 158.3 | 150.0 | 142.6 | 136.0 | 132.5 | 129.1 | 124.7 | 122.1 | 120.3 |
| 60°    | 150.0 | 145.6  | 141.7 | 134.7 | 129.5 | 122.5 | 117.3 | 114.2 | 111.2 | 107.7 | 105.9 |
| 62.5°  | 134.7 | 131.2  | 126.4 | 120.8 | 114.2 | 108.6 | 104.6 | 100.3 | 98.5  | 95.0  | 93.7  |
| 65°    | 118.2 | 115.5  | 111.6 | 105.1 | 99.8  | 95.0  | 91.1  | 87.6  | 85.9  | 84.6  | 83.7  |
| 67.5°  | 103.3 | 99.8   | 97.2  | 91.6  | 85.9  | 82.0  | 79.8  | 77.6  | 75.4  | 74.1  | 72.8  |
| 70°    | 88.1  | 85.5   | 82.8  | 77.6  | 73.7  | 70.2  | 68.4  | 66.7  | 65.4  | 64.1  | 62.8  |
| 72.5°  | 72.4  | 71.1   | 68.4  | 65.0  | 61.9  | 59.3  | 58.0  | 55.8  | 54.5  | 52.3  | 51.4  |
| 75°    | 59.7  | 57.5   | 56.2  | 53.2  | 50.6  | 48.4  | 46.6  | 44.0  | 42.3  | 41.4  | 41.0  |
| 77.5°  | 47.1  | 46.2   | 44.5  | 41.9  | 40.5  | 38.4  | 35.8  | 34.9  | 34.0  | 34.0  | 33.6  |
| 80°    | 35.3  | 34.0   | 32.7  | 30.5  | 29.2  | 27.5  | 27.5  | 27.5  | 27.0  | 27.5  | 27.0  |
| 82.5°  | 24.0  | 23.1   | 22.2  | 20.9  | 20.5  | 20.5  | 20.9  | 20.9  | 20.9  | 20.9  | 20.9  |
| 85°    | 14.0  | 14.0   | 14.0  | 14.4  | 14.0  | 14.0  | 14.4  | 14.8  | 14.4  | 14.4  | 14.0  |
| 87.5°  | 6.5   | 6.5    | 7.0   | 7.0   | 7.4   | 7.4   | 7.4   | 7.4   | 7.4   | 7.4   | 7.8   |
| 90°    | 7.3   | 8.1    | 9.2   | 11.3  | 13.4  | 15.5  | 17.6  | 18.3  | 18.9  | 19.6  | 20.3  |
| 92.5°  | 13.0  | 12.5   | 13.2  | 14.7  | 16.2  | 17.6  | 19.1  | 20.2  | 21.4  | 22.5  | 23.6  |
| 95°    | 18.0  | 14.7   | 15.6  | 17.4  | 19.2  | 21.0  | 22.8  | 23.9  | 25.1  | 26.2  | 27.3  |
| 97.5°  | 63.2  | 60.9   | 56.7  | 48.4  | 40.1  | 31.8  | 23.5  | 24.8  | 26.1  | 27.4  | 28.7  |
| 100°   | 137.2 | 138.8  | 126.1 | 100.6 | 75.1  | 49.7  | 24.2  | 25.5  | 26.8  | 28.1  | 29.4  |
| 102.5° | 181.0 | 182.1  | 167.9 | 139.5 | 111.1 | 82.7  | 54.3  | 48.9  | 43.5  | 38.2  | 32.8  |
| 105°   | 226.0 | 226.9  | 219.6 | 204.9 | 190.2 | 175.5 | 160.8 | 131.9 | 103.0 | 74.1  | 45.2  |
| 107.5° | 273.9 | 274.6  | 275.8 | 278.3 | 280.7 | 283.2 | 285.6 | 260.5 | 235.4 | 210.3 | 185.2 |
| 110°   | 322.4 | 323.1  | 324.0 | 325.8 | 327.6 | 329.4 | 331.2 | 325.8 | 320.4 | 315.0 | 309.6 |

TEST NUMBER: P1012546

CATALOG NUMBER: S123RDIP-B340D805UB50-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 200°  | 202.5° | 205°  | 210°  | 215°  | 220°  | 225°  | 230°  | 235°  | 240°  | 245°  |
|--------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 368.7 | 369.3  | 370.2 | 372.0 | 373.8 | 375.6 | 377.4 | 378.9 | 380.3 | 381.8 | 383.3 |
| 115°   | 414.4 | 414.9  | 415.6 | 417.1 | 418.6 | 420.0 | 421.5 | 423.1 | 424.7 | 426.4 | 428.0 |
| 117.5° | 460.5 | 461.1  | 461.5 | 462.3 | 463.2 | 464.0 | 464.8 | 466.1 | 467.4 | 468.7 | 470.0 |
| 120°   | 503.7 | 504.4  | 504.7 | 505.2 | 505.7 | 506.2 | 506.7 | 508.0 | 509.3 | 510.6 | 511.9 |
| 122.5° | 545.0 | 545.6  | 545.9 | 546.6 | 547.2 | 547.9 | 548.5 | 549.3 | 550.1 | 551.0 | 551.8 |
| 125°   | 583.8 | 584.5  | 584.8 | 585.5 | 586.1 | 586.8 | 587.4 | 587.7 | 588.1 | 588.4 | 588.7 |
| 127.5° | 622.0 | 622.7  | 623.1 | 623.9 | 624.7 | 625.5 | 626.3 | 626.8 | 627.3 | 627.8 | 628.3 |
| 130°   | 657.2 | 657.9  | 658.2 | 658.9 | 659.5 | 660.2 | 660.8 | 661.5 | 662.1 | 662.8 | 663.5 |
| 132.5° | 691.0 | 691.7  | 691.9 | 692.4 | 692.9 | 693.4 | 693.9 | 694.5 | 695.2 | 695.8 | 696.5 |
| 135°   | 724.2 | 724.7  | 725.0 | 725.7 | 726.4 | 727.0 | 727.7 | 728.2 | 728.7 | 729.2 | 729.7 |
| 137.5° | 754.9 | 755.6  | 755.8 | 756.1 | 756.4 | 756.7 | 757.0 | 757.8 | 758.6 | 759.5 | 760.3 |
| 140°   | 783.0 | 783.5  | 783.7 | 784.2 | 784.7 | 785.2 | 785.7 | 786.3 | 787.0 | 787.6 | 788.3 |
| 142.5° | 810.1 | 810.6  | 810.8 | 811.3 | 811.8 | 812.3 | 812.8 | 813.3 | 813.8 | 814.3 | 814.8 |
| 145°   | 835.7 | 836.3  | 836.5 | 836.8 | 837.1 | 837.5 | 837.8 | 838.1 | 838.5 | 838.8 | 839.1 |
| 147.5° | 858.7 | 859.1  | 859.3 | 859.6 | 859.9 | 860.3 | 860.6 | 860.9 | 861.2 | 861.5 | 861.8 |
| 150°   | 879.5 | 879.7  | 879.9 | 880.2 | 880.5 | 880.8 | 881.1 | 881.4 | 881.8 | 882.1 | 882.4 |
| 152.5° | 897.9 | 898.0  | 898.1 | 898.3 | 898.4 | 898.6 | 898.8 | 899.4 | 900.1 | 900.7 | 901.4 |
| 155°   | 914.4 | 914.2  | 914.3 | 914.4 | 914.6 | 914.7 | 914.9 | 915.7 | 916.5 | 917.4 | 918.2 |
| 157.5° | 930.3 | 930.3  | 930.2 | 930.1 | 929.9 | 929.8 | 929.6 | 930.6 | 931.6 | 932.5 | 933.5 |
| 160°   | 942.9 | 942.8  | 942.7 | 942.6 | 942.4 | 942.3 | 942.1 | 943.1 | 944.1 | 945.0 | 946.0 |
| 162.5° | 954.0 | 953.8  | 953.7 | 953.6 | 953.4 | 953.3 | 953.1 | 954.2 | 955.4 | 956.5 | 957.6 |
| 165°   | 963.6 | 963.4  | 963.3 | 963.1 | 963.0 | 962.8 | 962.6 | 963.9 | 965.2 | 966.5 | 967.8 |
| 167.5° | 971.0 | 970.7  | 970.7 | 970.7 | 970.7 | 970.7 | 970.7 | 972.0 | 973.3 | 974.6 | 975.9 |
| 170°   | 977.6 | 977.3  | 977.3 | 977.3 | 977.3 | 977.3 | 977.3 | 978.6 | 979.9 | 981.2 | 982.5 |
| 172.5° | 981.4 | 981.0  | 981.1 | 981.2 | 981.4 | 981.5 | 981.7 | 983.0 | 984.3 | 985.6 | 986.9 |
| 175°   | 985.1 | 984.7  | 984.8 | 984.9 | 985.1 | 985.2 | 985.4 | 986.5 | 987.7 | 988.8 | 989.9 |
| 177.5° | 986.5 | 986.1  | 986.2 | 986.4 | 986.5 | 986.7 | 986.9 | 988.2 | 989.5 | 990.8 | 992.1 |
| 180°   | 988.3 | 988.3  | 988.3 | 988.3 | 988.3 | 988.3 | 988.3 | 988.3 | 988.3 | 988.3 | 988.3 |

TEST NUMBER: P1012546

CATALOG NUMBER: S123RDIP-B340D805UB50-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°  | 255°  | 260°  | 265°  | 270°  | 275°  | 280°  | 285°  | 290°  | 292.5° |
|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 0°     | 509.2  | 509.2 | 509.2 | 509.2 | 509.2 | 509.2 | 509.2 | 509.2 | 509.2 | 509.2 | 509.2  |
| 2.5°   | 481.3  | 481.8 | 480.5 | 477.8 | 477.4 | 478.3 | 480.9 | 480.0 | 477.8 | 481.8 | 478.3  |
| 5°     | 454.7  | 452.5 | 451.7 | 452.5 | 449.9 | 448.6 | 451.2 | 449.9 | 451.2 | 451.7 | 453.0  |
| 7.5°   | 429.0  | 429.4 | 426.8 | 427.3 | 423.8 | 424.6 | 424.6 | 424.6 | 426.0 | 426.8 | 428.6  |
| 10°    | 406.8  | 407.6 | 404.6 | 405.0 | 402.4 | 400.7 | 402.0 | 404.6 | 404.6 | 404.6 | 405.5  |
| 12.5°  | 388.9  | 385.0 | 382.8 | 382.4 | 379.3 | 378.4 | 381.0 | 381.9 | 384.1 | 384.1 | 385.4  |
| 15°    | 366.7  | 365.8 | 364.0 | 364.0 | 356.6 | 358.4 | 359.2 | 362.3 | 366.7 | 363.2 | 364.0  |
| 17.5°  | 346.6  | 344.4 | 342.2 | 341.4 | 340.5 | 337.9 | 341.4 | 340.9 | 343.6 | 344.0 | 345.3  |
| 20°    | 328.7  | 327.0 | 322.6 | 323.1 | 323.9 | 320.0 | 322.2 | 322.2 | 324.8 | 327.4 | 330.5  |
| 22.5°  | 311.3  | 309.5 | 307.4 | 308.2 | 305.6 | 304.8 | 304.8 | 306.9 | 310.0 | 312.2 | 311.7  |
| 25°    | 297.8  | 294.7 | 293.4 | 292.1 | 290.8 | 291.7 | 290.4 | 292.5 | 294.7 | 296.0 | 294.7  |
| 27.5°  | 282.5  | 281.2 | 278.6 | 277.3 | 275.1 | 276.0 | 276.8 | 278.6 | 279.9 | 279.9 | 281.2  |
| 30°    | 267.7  | 265.9 | 265.1 | 263.8 | 263.8 | 262.0 | 262.5 | 264.2 | 265.5 | 266.8 | 268.6  |
| 32.5°  | 253.3  | 252.0 | 250.7 | 250.7 | 249.8 | 249.4 | 248.9 | 251.6 | 251.6 | 254.2 | 254.2  |
| 35°    | 241.5  | 239.4 | 239.4 | 237.2 | 238.0 | 237.6 | 236.7 | 238.5 | 238.9 | 240.7 | 240.2  |
| 37.5°  | 228.5  | 228.5 | 227.6 | 225.4 | 223.7 | 224.1 | 226.3 | 226.3 | 227.6 | 227.1 | 228.5  |
| 40°    | 215.4  | 214.5 | 214.5 | 213.2 | 212.8 | 212.3 | 212.8 | 213.2 | 215.4 | 214.9 | 215.4  |
| 42.5°  | 202.3  | 202.7 | 200.6 | 200.6 | 200.6 | 199.2 | 199.7 | 200.1 | 201.0 | 201.9 | 203.2  |
| 45°    | 189.7  | 188.8 | 188.3 | 187.5 | 186.6 | 187.0 | 186.6 | 188.3 | 187.9 | 188.8 | 190.1  |
| 47.5°  | 176.1  | 174.8 | 174.4 | 172.6 | 172.6 | 173.5 | 173.1 | 174.4 | 174.8 | 176.1 | 175.3  |
| 50°    | 163.1  | 161.3 | 160.0 | 160.4 | 157.8 | 158.7 | 158.7 | 160.0 | 161.3 | 161.7 | 162.6  |
| 52.5°  | 147.8  | 147.4 | 146.9 | 144.7 | 144.3 | 143.9 | 144.3 | 144.7 | 146.5 | 147.8 | 148.2  |
| 55°    | 133.0  | 132.5 | 129.9 | 129.1 | 127.7 | 127.7 | 128.6 | 129.1 | 132.1 | 132.5 | 134.3  |
| 57.5°  | 119.5  | 118.2 | 115.1 | 114.7 | 114.7 | 114.7 | 113.4 | 115.1 | 116.0 | 118.2 | 118.2  |
| 60°    | 104.6  | 104.6 | 102.0 | 102.0 | 102.5 | 102.0 | 102.0 | 102.5 | 102.5 | 104.2 | 105.1  |
| 62.5°  | 92.9   | 92.4  | 92.4  | 91.6  | 91.1  | 91.6  | 91.1  | 91.1  | 91.6  | 92.9  | 94.2   |
| 65°    | 82.4   | 82.0  | 81.5  | 81.1  | 80.2  | 80.2  | 80.7  | 81.5  | 81.5  | 82.4  | 82.8   |
| 67.5°  | 72.4   | 72.4  | 71.5  | 71.5  | 71.1  | 70.6  | 71.1  | 70.6  | 72.4  | 72.4  | 72.8   |
| 70°    | 62.3   | 61.9  | 60.6  | 60.2  | 58.9  | 59.3  | 59.3  | 60.6  | 61.0  | 61.9  | 62.8   |
| 72.5°  | 50.1   | 50.1  | 49.3  | 48.4  | 48.8  | 48.0  | 48.0  | 48.4  | 48.4  | 49.7  | 50.1   |
| 75°    | 41.4   | 40.5  | 40.1  | 40.5  | 40.1  | 41.0  | 40.1  | 40.1  | 41.0  | 41.0  | 41.0   |
| 77.5°  | 34.0   | 34.0  | 33.6  | 33.6  | 34.0  | 33.6  | 34.0  | 34.0  | 34.0  | 33.6  | 34.0   |
| 80°    | 27.9   | 27.5  | 27.5  | 27.5  | 27.0  | 27.0  | 27.0  | 27.0  | 27.0  | 27.0  | 27.0   |
| 82.5°  | 20.9   | 20.9  | 20.5  | 20.9  | 20.9  | 20.5  | 20.9  | 20.5  | 20.5  | 20.9  | 20.9   |
| 85°    | 14.0   | 14.8  | 14.0  | 14.0  | 14.4  | 14.4  | 14.8  | 14.4  | 14.8  | 14.0  | 14.4   |
| 87.5°  | 7.4    | 7.8   | 7.8   | 7.4   | 7.4   | 7.8   | 7.8   | 7.8   | 8.3   | 7.4   | 7.8    |
| 90°    | 20.6   | 20.8  | 21.1  | 21.4  | 21.7  | 22.0  | 21.7  | 21.4  | 21.1  | 20.8  | 20.6   |
| 92.5°  | 24.2   | 24.3  | 24.5  | 24.6  | 24.8  | 25.0  | 24.8  | 24.6  | 24.5  | 24.3  | 24.2   |
| 95°    | 27.9   | 27.9  | 27.9  | 27.9  | 27.9  | 27.9  | 27.9  | 27.9  | 27.9  | 27.9  | 27.9   |
| 97.5°  | 29.4   | 29.5  | 29.6  | 29.8  | 29.9  | 30.1  | 29.9  | 29.8  | 29.6  | 29.5  | 29.4   |
| 100°   | 30.1   | 30.2  | 30.3  | 30.5  | 30.6  | 30.8  | 30.6  | 30.5  | 30.3  | 30.2  | 30.1   |
| 102.5° | 30.1   | 30.3  | 30.6  | 30.9  | 31.3  | 31.6  | 31.3  | 30.9  | 30.6  | 30.3  | 30.1   |
| 105°   | 30.8   | 31.0  | 31.3  | 31.6  | 32.0  | 32.3  | 32.0  | 31.6  | 31.3  | 31.0  | 30.8   |
| 107.5° | 172.6  | 161.9 | 140.5 | 119.2 | 97.8  | 76.4  | 97.8  | 119.2 | 140.5 | 161.9 | 172.6  |
| 110°   | 306.9  | 295.2 | 271.9 | 248.6 | 225.2 | 201.9 | 225.2 | 248.6 | 271.9 | 295.2 | 306.9  |

TEST NUMBER: P1012546

CATALOG NUMBER: S123RDIP-B340D805UB50-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°  | 255°  | 260°  | 265°  | 270°  | 275°  | 280°  | 285°  | 290°  | 292.5° |
|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 112.5° | 384.0  | 383.8 | 383.5 | 383.2 | 382.9 | 382.6 | 382.9 | 383.2 | 383.5 | 383.8 | 384.0  |
| 115°   | 428.8  | 429.1 | 429.8 | 430.5 | 431.1 | 431.8 | 431.1 | 430.5 | 429.8 | 429.1 | 428.8  |
| 117.5° | 470.7  | 470.8 | 470.9 | 471.1 | 471.2 | 471.4 | 471.2 | 471.1 | 470.9 | 470.8 | 470.7  |
| 120°   | 512.5  | 512.5 | 512.5 | 512.5 | 512.5 | 512.5 | 512.5 | 512.5 | 512.5 | 512.5 | 512.5  |
| 122.5° | 552.2  | 552.3 | 552.4 | 552.6 | 552.7 | 552.9 | 552.7 | 552.6 | 552.4 | 552.3 | 552.2  |
| 125°   | 588.9  | 589.1 | 589.4 | 589.7 | 590.1 | 590.4 | 590.1 | 589.7 | 589.4 | 589.1 | 588.9  |
| 127.5° | 628.5  | 628.3 | 628.0 | 627.7 | 627.4 | 627.1 | 627.4 | 627.7 | 628.0 | 628.3 | 628.5  |
| 130°   | 663.8  | 663.6 | 663.3 | 663.0 | 662.6 | 662.3 | 662.6 | 663.0 | 663.3 | 663.6 | 663.8  |
| 132.5° | 696.8  | 696.6 | 696.1 | 695.6 | 695.1 | 694.6 | 695.1 | 695.6 | 696.1 | 696.6 | 696.8  |
| 135°   | 729.9  | 729.7 | 729.2 | 728.7 | 728.2 | 727.7 | 728.2 | 728.7 | 729.2 | 729.7 | 729.9  |
| 137.5° | 760.7  | 760.5 | 760.2 | 759.9 | 759.5 | 759.2 | 759.5 | 759.9 | 760.2 | 760.5 | 760.7  |
| 140°   | 788.6  | 788.4 | 788.1 | 787.8 | 787.4 | 787.1 | 787.4 | 787.8 | 788.1 | 788.4 | 788.6  |
| 142.5° | 815.0  | 814.8 | 814.3 | 813.8 | 813.3 | 812.8 | 813.3 | 813.8 | 814.3 | 814.8 | 815.0  |
| 145°   | 839.3  | 839.3 | 839.3 | 839.3 | 839.3 | 839.3 | 839.3 | 839.3 | 839.3 | 839.3 | 839.3  |
| 147.5° | 862.0  | 861.6 | 860.8 | 860.0 | 859.2 | 858.4 | 859.2 | 860.0 | 860.8 | 861.6 | 862.0  |
| 150°   | 882.6  | 882.4 | 881.9 | 881.4 | 880.9 | 880.4 | 880.9 | 881.4 | 881.9 | 882.4 | 882.6  |
| 152.5° | 901.7  | 901.3 | 900.5 | 899.6 | 898.8 | 898.0 | 898.8 | 899.6 | 900.5 | 901.3 | 901.7  |
| 155°   | 918.6  | 918.1 | 917.1 | 916.2 | 915.2 | 914.2 | 915.2 | 916.2 | 917.1 | 918.1 | 918.6  |
| 157.5° | 934.0  | 933.3 | 932.0 | 930.7 | 929.4 | 928.1 | 929.4 | 930.7 | 932.0 | 933.3 | 934.0  |
| 160°   | 946.5  | 945.9 | 944.8 | 943.6 | 942.5 | 941.3 | 942.5 | 943.6 | 944.8 | 945.9 | 946.5  |
| 162.5° | 958.2  | 957.7 | 956.7 | 955.8 | 954.8 | 953.8 | 954.8 | 955.8 | 956.7 | 957.7 | 958.2  |
| 165°   | 968.5  | 967.9 | 966.8 | 965.7 | 964.5 | 963.4 | 964.5 | 965.7 | 966.8 | 967.9 | 968.5  |
| 167.5° | 976.6  | 975.9 | 974.6 | 973.3 | 972.0 | 970.7 | 972.0 | 973.3 | 974.6 | 975.9 | 976.6  |
| 170°   | 983.2  | 982.5 | 981.2 | 979.9 | 978.6 | 977.3 | 978.6 | 979.9 | 981.2 | 982.5 | 983.2  |
| 172.5° | 987.6  | 986.9 | 985.4 | 983.9 | 982.5 | 981.0 | 982.5 | 983.9 | 985.4 | 986.9 | 987.6  |
| 175°   | 990.5  | 989.9 | 988.6 | 987.3 | 986.0 | 984.7 | 986.0 | 987.3 | 988.6 | 989.9 | 990.5  |
| 177.5° | 992.7  | 991.9 | 990.3 | 988.6 | 987.0 | 985.4 | 987.0 | 988.6 | 990.3 | 991.9 | 992.7  |
| 180°   | 988.3  | 988.3 | 988.3 | 988.3 | 988.3 | 988.3 | 988.3 | 988.3 | 988.3 | 988.3 | 988.3  |

TEST NUMBER: P1012546

CATALOG NUMBER: S123RDIP-B340D805UB50-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 295°  | 300°  | 305°  | 310°  | 315°  | 320°  | 325°  | 330°  | 335°  | 337.5° | 340°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
| 0°     | 509.2 | 509.2 | 509.2 | 509.2 | 509.2 | 509.2 | 509.2 | 509.2 | 509.2 | 509.2  | 509.2 |
| 2.5°   | 481.8 | 483.5 | 481.8 | 478.3 | 481.8 | 483.9 | 486.1 | 489.6 | 491.4 | 491.4  | 494.0 |
| 5°     | 454.3 | 457.8 | 456.5 | 455.6 | 459.1 | 461.3 | 464.8 | 469.1 | 473.9 | 477.0  | 480.5 |
| 7.5°   | 429.9 | 432.1 | 434.2 | 434.2 | 437.7 | 442.5 | 447.8 | 453.0 | 459.1 | 463.4  | 466.1 |
| 10°    | 408.5 | 410.3 | 411.6 | 413.3 | 418.5 | 423.8 | 430.7 | 437.3 | 442.5 | 447.3  | 451.7 |
| 12.5°  | 388.0 | 390.6 | 393.7 | 395.0 | 398.9 | 405.5 | 412.0 | 419.8 | 428.1 | 432.9  | 437.3 |
| 15°    | 368.4 | 369.7 | 373.2 | 377.1 | 380.6 | 387.6 | 395.9 | 404.2 | 411.1 | 418.5  | 422.5 |
| 17.5°  | 348.3 | 348.8 | 357.9 | 355.8 | 367.1 | 373.6 | 378.0 | 385.8 | 397.2 | 403.3  | 409.4 |
| 20°    | 328.7 | 333.1 | 337.0 | 339.2 | 345.3 | 352.7 | 365.4 | 371.5 | 380.6 | 386.3  | 391.5 |
| 22.5°  | 313.5 | 320.0 | 320.0 | 325.2 | 328.3 | 335.3 | 344.4 | 356.2 | 366.2 | 370.1  | 377.6 |
| 25°    | 300.0 | 303.0 | 308.2 | 310.0 | 315.7 | 321.8 | 327.9 | 340.5 | 351.4 | 356.6  | 361.9 |
| 27.5°  | 282.5 | 286.4 | 293.4 | 293.4 | 300.8 | 307.4 | 314.8 | 323.1 | 334.0 | 341.4  | 347.0 |
| 30°    | 269.0 | 272.9 | 276.0 | 280.8 | 283.8 | 289.9 | 303.0 | 309.1 | 318.7 | 325.2  | 332.2 |
| 32.5°  | 256.4 | 259.4 | 262.0 | 267.3 | 270.7 | 277.7 | 284.7 | 295.6 | 303.9 | 310.0  | 317.4 |
| 35°    | 242.4 | 245.5 | 248.9 | 252.9 | 258.1 | 264.6 | 271.2 | 280.3 | 288.6 | 294.3  | 300.4 |
| 37.5°  | 229.3 | 231.5 | 236.7 | 239.4 | 243.7 | 249.8 | 258.1 | 267.7 | 275.1 | 279.5  | 285.6 |
| 40°    | 216.7 | 218.4 | 222.4 | 227.1 | 230.2 | 235.0 | 243.7 | 252.0 | 261.2 | 266.4  | 271.2 |
| 42.5°  | 203.2 | 205.3 | 208.8 | 213.6 | 218.4 | 223.7 | 228.5 | 238.0 | 246.3 | 250.7  | 255.9 |
| 45°    | 191.4 | 192.7 | 195.3 | 200.1 | 204.9 | 208.8 | 216.2 | 225.0 | 232.8 | 236.3  | 242.0 |
| 47.5°  | 177.4 | 178.8 | 182.7 | 184.9 | 190.1 | 195.3 | 202.7 | 211.5 | 218.4 | 221.9  | 227.1 |
| 50°    | 163.1 | 164.4 | 167.0 | 171.8 | 175.3 | 180.9 | 187.5 | 194.9 | 203.6 | 208.4  | 211.5 |
| 52.5°  | 149.1 | 151.7 | 153.9 | 157.8 | 162.2 | 167.9 | 174.0 | 180.9 | 188.3 | 193.1  | 196.6 |
| 55°    | 135.2 | 137.3 | 139.9 | 142.1 | 147.4 | 152.6 | 159.6 | 166.1 | 172.6 | 177.0  | 180.9 |
| 57.5°  | 119.5 | 122.5 | 125.1 | 129.5 | 133.4 | 137.8 | 145.6 | 150.8 | 158.7 | 161.7  | 165.2 |
| 60°    | 105.9 | 109.0 | 111.2 | 114.7 | 118.2 | 123.8 | 129.1 | 135.6 | 142.1 | 146.1  | 150.4 |
| 62.5°  | 94.6  | 95.9  | 97.2  | 100.7 | 104.2 | 109.4 | 114.7 | 121.2 | 128.2 | 130.4  | 133.8 |
| 65°    | 83.3  | 84.6  | 86.8  | 89.8  | 92.4  | 95.5  | 101.1 | 106.4 | 112.9 | 116.4  | 117.7 |
| 67.5°  | 73.7  | 75.0  | 75.4  | 77.6  | 79.8  | 83.3  | 86.3  | 91.6  | 97.7  | 99.8   | 102.5 |
| 70°    | 62.8  | 65.0  | 65.4  | 67.1  | 68.0  | 70.2  | 73.7  | 77.6  | 82.4  | 86.3   | 88.5  |
| 72.5°  | 50.1  | 53.2  | 54.1  | 56.7  | 58.0  | 60.2  | 62.8  | 65.8  | 68.9  | 70.6   | 72.4  |
| 75°    | 41.0  | 41.9  | 42.3  | 44.5  | 46.6  | 49.7  | 51.0  | 52.8  | 55.4  | 57.5   | 59.3  |
| 77.5°  | 34.0  | 34.4  | 34.9  | 34.9  | 35.3  | 37.1  | 39.7  | 41.9  | 43.6  | 44.5   | 45.8  |
| 80°    | 27.5  | 27.0  | 27.0  | 27.5  | 27.5  | 27.5  | 28.3  | 31.4  | 32.3  | 34.4   | 34.0  |
| 82.5°  | 21.4  | 20.5  | 20.9  | 20.5  | 20.5  | 20.5  | 20.5  | 20.9  | 20.9  | 22.2   | 23.1  |
| 85°    | 14.0  | 14.4  | 14.0  | 14.0  | 13.5  | 14.0  | 13.5  | 13.5  | 13.1  | 13.1   | 12.6  |
| 87.5°  | 7.4   | 7.8   | 7.4   | 7.4   | 7.0   | 7.4   | 7.0   | 7.0   | 6.5   | 6.5    | 5.7   |
| 90°    | 20.3  | 19.6  | 18.9  | 18.3  | 17.6  | 15.5  | 13.4  | 11.3  | 9.2   | 8.1    | 7.3   |
| 92.5°  | 23.6  | 22.5  | 21.4  | 20.2  | 19.1  | 17.6  | 16.2  | 14.7  | 13.2  | 12.5   | 13.0  |
| 95°    | 27.3  | 26.2  | 25.1  | 23.9  | 22.8  | 21.0  | 19.2  | 17.4  | 15.6  | 14.7   | 18.0  |
| 97.5°  | 28.7  | 27.4  | 26.1  | 24.8  | 23.5  | 31.8  | 40.1  | 48.4  | 56.7  | 60.9   | 63.2  |
| 100°   | 29.4  | 28.1  | 26.8  | 25.5  | 24.2  | 49.7  | 75.1  | 100.6 | 126.1 | 138.8  | 137.2 |
| 102.5° | 32.8  | 38.2  | 43.5  | 48.9  | 54.3  | 82.7  | 111.1 | 139.5 | 167.9 | 182.1  | 181.0 |
| 105°   | 45.2  | 74.1  | 103.0 | 131.9 | 160.8 | 175.5 | 190.2 | 204.9 | 219.6 | 226.9  | 226.0 |
| 107.5° | 185.2 | 210.3 | 235.4 | 260.5 | 285.6 | 283.2 | 280.7 | 278.3 | 275.8 | 274.6  | 273.9 |
| 110°   | 309.6 | 315.0 | 320.4 | 325.8 | 331.2 | 329.4 | 327.6 | 325.8 | 324.0 | 323.1  | 322.4 |

TEST NUMBER: P1012546

CATALOG NUMBER: S123RDIP-B340D805UB50-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 295°  | 300°  | 305°  | 310°  | 315°  | 320°  | 325°  | 330°  | 335°  | 337.5° | 340°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
| 112.5° | 383.3 | 381.8 | 380.3 | 378.9 | 377.4 | 375.6 | 373.8 | 372.0 | 370.2 | 369.3  | 368.7 |
| 115°   | 428.0 | 426.4 | 424.7 | 423.1 | 421.5 | 420.0 | 418.6 | 417.1 | 415.6 | 414.9  | 414.4 |
| 117.5° | 470.0 | 468.7 | 467.4 | 466.1 | 464.8 | 464.0 | 463.2 | 462.3 | 461.5 | 461.1  | 460.5 |
| 120°   | 511.9 | 510.6 | 509.3 | 508.0 | 506.7 | 506.2 | 505.7 | 505.2 | 504.7 | 504.4  | 503.7 |
| 122.5° | 551.8 | 551.0 | 550.1 | 549.3 | 548.5 | 547.9 | 547.2 | 546.6 | 545.9 | 545.6  | 545.0 |
| 125°   | 588.7 | 588.4 | 588.1 | 587.7 | 587.4 | 586.8 | 586.1 | 585.5 | 584.8 | 584.5  | 583.8 |
| 127.5° | 628.3 | 627.8 | 627.3 | 626.8 | 626.3 | 625.5 | 624.7 | 623.9 | 623.1 | 622.7  | 622.0 |
| 130°   | 663.5 | 662.8 | 662.1 | 661.5 | 660.8 | 660.2 | 659.5 | 658.9 | 658.2 | 657.9  | 657.2 |
| 132.5° | 696.5 | 695.8 | 695.2 | 694.5 | 693.9 | 693.4 | 692.9 | 692.4 | 691.9 | 691.7  | 691.0 |
| 135°   | 729.7 | 729.2 | 728.7 | 728.2 | 727.7 | 727.0 | 726.4 | 725.7 | 725.0 | 724.7  | 724.2 |
| 137.5° | 760.3 | 759.5 | 758.6 | 757.8 | 757.0 | 756.7 | 756.4 | 756.1 | 755.8 | 755.6  | 754.9 |
| 140°   | 788.3 | 787.6 | 787.0 | 786.3 | 785.7 | 785.2 | 784.7 | 784.2 | 783.7 | 783.5  | 783.0 |
| 142.5° | 814.8 | 814.3 | 813.8 | 813.3 | 812.8 | 812.3 | 811.8 | 811.3 | 810.8 | 810.6  | 810.1 |
| 145°   | 839.1 | 838.8 | 838.5 | 838.1 | 837.8 | 837.5 | 837.1 | 836.8 | 836.5 | 836.3  | 835.7 |
| 147.5° | 861.8 | 861.5 | 861.2 | 860.9 | 860.6 | 860.3 | 859.9 | 859.6 | 859.3 | 859.1  | 858.7 |
| 150°   | 882.4 | 882.1 | 881.8 | 881.4 | 881.1 | 880.8 | 880.5 | 880.2 | 879.9 | 879.7  | 879.5 |
| 152.5° | 901.4 | 900.7 | 900.1 | 899.4 | 898.8 | 898.6 | 898.4 | 898.3 | 898.1 | 898.0  | 897.9 |
| 155°   | 918.2 | 917.4 | 916.5 | 915.7 | 914.9 | 914.7 | 914.6 | 914.4 | 914.3 | 914.2  | 914.4 |
| 157.5° | 933.5 | 932.5 | 931.6 | 930.6 | 929.6 | 929.8 | 929.9 | 930.1 | 930.2 | 930.3  | 930.3 |
| 160°   | 946.0 | 945.0 | 944.1 | 943.1 | 942.1 | 942.3 | 942.4 | 942.6 | 942.7 | 942.8  | 942.9 |
| 162.5° | 957.6 | 956.5 | 955.4 | 954.2 | 953.1 | 953.3 | 953.4 | 953.6 | 953.7 | 953.8  | 954.0 |
| 165°   | 967.8 | 966.5 | 965.2 | 963.9 | 962.6 | 962.8 | 963.0 | 963.1 | 963.3 | 963.4  | 963.6 |
| 167.5° | 975.9 | 974.6 | 973.3 | 972.0 | 970.7 | 970.7 | 970.7 | 970.7 | 970.7 | 970.7  | 971.0 |
| 170°   | 982.5 | 981.2 | 979.9 | 978.6 | 977.3 | 977.3 | 977.3 | 977.3 | 977.3 | 977.3  | 977.6 |
| 172.5° | 986.9 | 985.6 | 984.3 | 983.0 | 981.7 | 981.5 | 981.4 | 981.2 | 981.1 | 981.0  | 981.4 |
| 175°   | 989.9 | 988.8 | 987.7 | 986.5 | 985.4 | 985.2 | 985.1 | 984.9 | 984.8 | 984.7  | 985.1 |
| 177.5° | 992.1 | 990.8 | 989.5 | 988.2 | 986.9 | 986.7 | 986.5 | 986.4 | 986.2 | 986.1  | 986.5 |
| 180°   | 988.3 | 988.3 | 988.3 | 988.3 | 988.3 | 988.3 | 988.3 | 988.3 | 988.3 | 988.3  | 988.3 |

TEST NUMBER: P1012546

CATALOG NUMBER: S123RDIP-B340D805UB50-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 345°  | 350°  | 355°  | 360°  |
|--------|-------|-------|-------|-------|
| 0°     | 509.2 | 509.2 | 509.2 | 509.2 |
| 2.5°   | 496.1 | 499.2 | 505.3 | 510.5 |
| 5°     | 485.7 | 490.5 | 499.6 | 508.8 |
| 7.5°   | 473.0 | 480.5 | 492.2 | 504.9 |
| 10°    | 460.8 | 470.4 | 484.8 | 499.6 |
| 12.5°  | 448.6 | 458.7 | 473.9 | 493.1 |
| 15°    | 434.2 | 444.7 | 463.0 | 486.1 |
| 17.5°  | 421.6 | 435.5 | 452.1 | 475.2 |
| 20°    | 408.1 | 418.5 | 439.9 | 464.3 |
| 22.5°  | 391.1 | 408.5 | 428.6 | 454.3 |
| 25°    | 377.6 | 392.8 | 412.9 | 442.1 |
| 27.5°  | 361.0 | 378.9 | 403.3 | 429.0 |
| 30°    | 347.5 | 362.3 | 385.0 | 415.9 |
| 32.5°  | 331.8 | 349.2 | 372.8 | 403.3 |
| 35°    | 317.8 | 332.7 | 354.9 | 385.8 |
| 37.5°  | 301.3 | 317.4 | 342.2 | 369.7 |
| 40°    | 286.9 | 302.6 | 326.1 | 351.8 |
| 42.5°  | 269.4 | 286.0 | 309.5 | 331.3 |
| 45°    | 255.5 | 270.7 | 289.5 | 309.5 |
| 47.5°  | 238.5 | 254.6 | 272.9 | 286.9 |
| 50°    | 223.2 | 238.0 | 252.4 | 264.2 |
| 52.5°  | 206.7 | 220.2 | 233.2 | 242.0 |
| 55°    | 191.4 | 201.9 | 212.3 | 218.4 |
| 57.5°  | 173.5 | 183.5 | 192.3 | 195.8 |
| 60°    | 157.8 | 166.1 | 171.8 | 175.7 |
| 62.5°  | 141.3 | 147.4 | 151.7 | 153.9 |
| 65°    | 125.1 | 129.5 | 131.7 | 133.8 |
| 67.5°  | 108.6 | 112.5 | 113.8 | 116.4 |
| 70°    | 91.1  | 95.5  | 96.4  | 97.7  |
| 72.5°  | 78.0  | 78.0  | 79.8  | 81.5  |
| 75°    | 62.3  | 63.2  | 64.1  | 64.1  |
| 77.5°  | 48.8  | 48.8  | 49.7  | 50.1  |
| 80°    | 35.8  | 36.2  | 36.2  | 35.8  |
| 82.5°  | 24.4  | 25.3  | 24.4  | 24.0  |
| 85°    | 13.5  | 15.3  | 14.4  | 14.4  |
| 87.5°  | 5.7   | 5.7   | 6.5   | 5.7   |
| 90°    | 5.6   | 4.0   | 2.3   | 0.7   |
| 92.5°  | 14.0  | 14.9  | 15.9  | 16.9  |
| 95°    | 24.7  | 31.4  | 38.1  | 44.8  |
| 97.5°  | 67.8  | 72.3  | 76.9  | 81.5  |
| 100°   | 133.9 | 130.6 | 127.4 | 124.1 |
| 102.5° | 178.9 | 176.8 | 174.7 | 172.6 |
| 105°   | 224.2 | 222.4 | 220.6 | 218.8 |
| 107.5° | 272.4 | 270.9 | 269.5 | 268.0 |
| 110°   | 321.1 | 319.8 | 318.5 | 317.2 |

TEST NUMBER: P1012546

CATALOG NUMBER: S123RDIP-B340D805UB50-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 345°  | 350°  | 355°  | 360°  |
|--------|-------|-------|-------|-------|
| 112.5° | 367.6 | 366.5 | 365.3 | 364.2 |
| 115°   | 413.4 | 412.5 | 411.5 | 410.5 |
| 117.5° | 459.4 | 458.3 | 457.1 | 456.0 |
| 120°   | 502.2 | 500.7 | 499.3 | 497.8 |
| 122.5° | 543.9 | 542.7 | 541.6 | 540.4 |
| 125°   | 582.5 | 581.2 | 579.9 | 578.6 |
| 127.5° | 620.7 | 619.4 | 618.1 | 616.8 |
| 130°   | 655.9 | 654.6 | 653.3 | 652.0 |
| 132.5° | 689.7 | 688.4 | 687.1 | 685.8 |
| 135°   | 723.2 | 722.3 | 721.3 | 720.3 |
| 137.5° | 753.6 | 752.3 | 751.0 | 749.7 |
| 140°   | 782.0 | 781.1 | 780.1 | 779.1 |
| 142.5° | 809.1 | 808.2 | 807.2 | 806.2 |
| 145°   | 834.6 | 833.5 | 832.3 | 831.2 |
| 147.5° | 857.9 | 857.0 | 856.2 | 855.4 |
| 150°   | 879.0 | 878.5 | 878.0 | 877.5 |
| 152.5° | 897.8 | 897.6 | 897.5 | 897.3 |
| 155°   | 914.7 | 915.0 | 915.3 | 915.6 |
| 157.5° | 930.3 | 930.3 | 930.3 | 930.3 |
| 160°   | 943.0 | 943.2 | 943.3 | 943.5 |
| 162.5° | 954.5 | 955.0 | 955.5 | 956.0 |
| 165°   | 964.1 | 964.6 | 965.1 | 965.6 |
| 167.5° | 971.7 | 972.4 | 973.0 | 973.7 |
| 170°   | 978.3 | 979.0 | 979.6 | 980.3 |
| 172.5° | 982.2 | 983.1 | 983.9 | 984.7 |
| 175°   | 985.9 | 986.7 | 987.5 | 988.3 |
| 177.5° | 987.3 | 988.2 | 989.0 | 989.8 |
| 180°   | 988.3 | 988.3 | 988.3 | 988.3 |

(END OF REPORT)