

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: P1012531

Luminaire Tested: S123RDIP-B340D805UB30-4F0-XX-W2A-A1

Issue Date: 5/7/2025

**Test Information**

Test Method: LM-79-2019  
Report Number: P1012531  
REPORT IS A COMBINATION OF REPORTS P993296 AND P1007351  
Test Lab: INNOVATION CENTER  
Issue Date: 5/7/2025  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: NEO-RAY  
Catalog Number: S123RDIP-B340D805UB30-4F0-XX-W2A-A1  
Description: Define 3 Regressed Direct/Indirect Pendant with 3000K BioUP LEDs {m-DER=0.589}  
{m-EER=0.647}  
Light Source: -  
Ballast/Driver: -

**Summary**

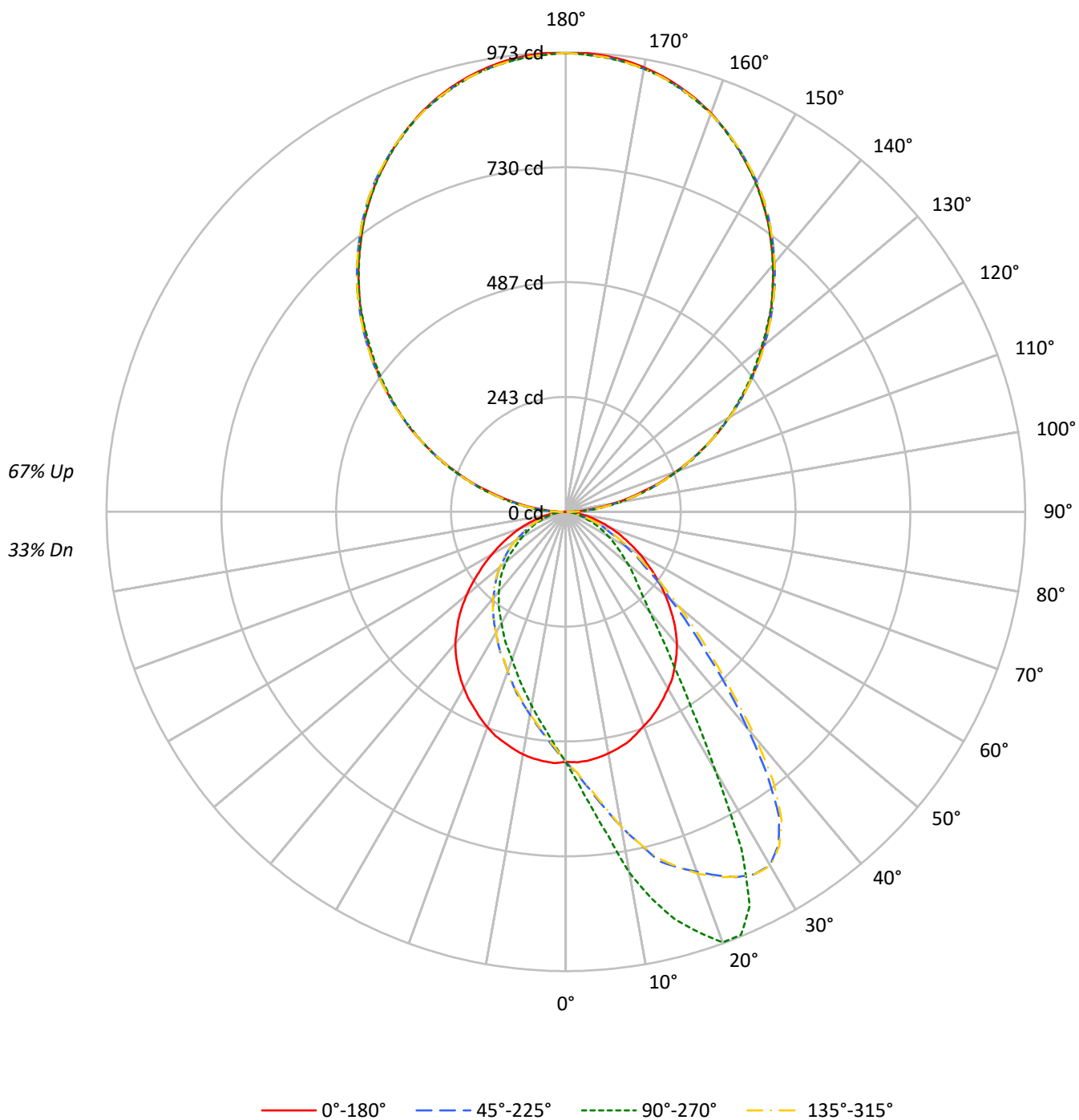
Lumens per Lamp: N/A  
Luminaire Lumens: 4014.0 lumens  
Efficiency: N/A  
Efficacy: 117.7 lumens/watt  
Spacing Criteria (0/90/45): 1.22 / 1.2 / 1.34  
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 4' x H: 0.1')  
CIE Type: Semi-Indirect

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: P1012531

CATALOG NUMBER: S123RDIP-B340D805UB30-4F0-XX-W2A-A1

### Luminous Intensity Polar Plot



TEST NUMBER: P1012531

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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   | 103 | 103 | 103 | 103 | 93 | 93 | 93 | 93 | 74 | 74 | 74 | 56 | 56 | 56 | 40 | 40 | 40 |
| 1   | 94  | 90  | 87  | 83  | 85 | 82 | 78 | 76 | 65 | 63 | 61 | 50 | 49 | 48 | 36 | 36 | 35 |
| 2   | 86  | 79  | 73  | 69  | 77 | 72 | 67 | 63 | 58 | 54 | 51 | 44 | 42 | 40 | 32 | 31 | 30 |
| 3   | 79  | 70  | 63  | 58  | 71 | 63 | 58 | 53 | 51 | 47 | 43 | 40 | 37 | 35 | 29 | 27 | 26 |
| 4   | 72  | 62  | 55  | 49  | 65 | 56 | 50 | 45 | 46 | 41 | 37 | 35 | 32 | 30 | 26 | 24 | 23 |
| 5   | 66  | 55  | 48  | 42  | 60 | 50 | 44 | 39 | 41 | 36 | 32 | 32 | 29 | 26 | 24 | 22 | 20 |
| 6   | 61  | 50  | 42  | 36  | 55 | 45 | 39 | 34 | 37 | 32 | 28 | 29 | 26 | 23 | 22 | 19 | 18 |
| 7   | 56  | 45  | 37  | 32  | 51 | 41 | 34 | 30 | 33 | 28 | 25 | 26 | 23 | 20 | 20 | 18 | 16 |
| 8   | 52  | 41  | 33  | 28  | 47 | 37 | 31 | 26 | 30 | 26 | 22 | 24 | 21 | 18 | 18 | 16 | 14 |
| 9   | 49  | 37  | 30  | 25  | 44 | 34 | 28 | 23 | 28 | 23 | 20 | 22 | 19 | 16 | 17 | 15 | 13 |
| 10  | 45  | 34  | 27  | 22  | 41 | 31 | 25 | 21 | 26 | 21 | 18 | 20 | 17 | 15 | 16 | 13 | 12 |

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

|     | 0°   | 90°  | 180° | 270° |
|-----|------|------|------|------|
| 0°  | 5702 | 5702 | 5702 | 5702 |
| 5°  | 5707 | 6567 | 5721 | 4872 |
| 10° | 5655 | 7927 | 5680 | 4255 |
| 15° | 5598 | 8997 | 5598 | 3752 |
| 20° | 5483 | 9704 | 5513 | 3329 |
| 25° | 5399 | 9220 | 5389 | 3037 |
| 30° | 5302 | 6389 | 5289 | 2753 |
| 35° | 5184 | 4101 | 5159 | 2538 |
| 40° | 5037 | 2896 | 5012 | 2324 |
| 45° | 4782 | 2318 | 4775 | 2116 |
| 50° | 4469 | 1939 | 4454 | 1872 |
| 55° | 4117 | 1598 | 4084 | 1587 |
| 60° | 3772 | 1321 | 3735 | 1349 |
| 65° | 3365 | 1057 | 3387 | 1143 |
| 70° | 2992 | 735  | 3072 | 925  |
| 75° | 2537 | 546  | 2640 | 711  |
| 80° | 2020 | 360  | 2193 | 533  |
| 85° | 1441 | 171  | 1566 | 332  |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 30°

Vertical Angle: 45°

Luminance: 7612 cd/sqm

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 52.0   | 1.3       |
| 10°-20°   | 162.8  | 4.1       |
| 20°-30°   | 256.5  | 6.4       |
| 30°-40°   | 266.7  | 6.6       |
| 40°-50°   | 228.2  | 5.7       |
| 50°-60°   | 173.9  | 4.3       |
| 60°-70°   | 111.4  | 2.8       |
| 70°-80°   | 53.4   | 1.3       |
| 80°-90°   | 16.1   | 0.4       |
| 90°-100°  | 62.6   | 1.6       |
| 100°-110° | 189.4  | 4.7       |
| 110°-120° | 322.4  | 8.0       |
| 120°-130° | 424.1  | 10.6      |
| 130°-140° | 476.7  | 11.9      |
| 140°-150° | 468.7  | 11.7      |
| 150°-160° | 394.6  | 9.8       |
| 160°-170° | 262.7  | 6.5       |
| 170°-180° | 92.0   | 2.3       |
| 0°-30°    | 471.3  | 11.7      |
| 0°-40°    | 738.0  | 18.4      |
| 0°-60°    | 1140.1 | 28.4      |
| 0°-90°    | 1321.1 | 32.9      |
| 90°-120°  | 574.3  | 14.3      |
| 90°-150°  | 1943.8 | 48.4      |
| 90°-180°  | 2693.0 | 67.1      |
| 0°-180°   | 4014.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°  | 90° | 180° | 270° | 360° | Flux |
|------|-----|-----|------|------|------|------|
| 0°   | 530 | 530 | 530  | 530  | 530  |      |
| 5°   | 529 | 629 | 531  | 467  | 529  | 50   |
| 15°  | 506 | 894 | 506  | 373  | 506  | 142  |
| 25°  | 460 | 921 | 459  | 303  | 460  | 212  |
| 35°  | 401 | 400 | 400  | 247  | 401  | 251  |
| 45°  | 322 | 213 | 322  | 195  | 322  | 248  |
| 55°  | 227 | 134 | 225  | 133  | 227  | 204  |
| 65°  | 139 | 77  | 140  | 83   | 139  | 139  |
| 75°  | 67  | 33  | 69   | 43   | 67   | 72   |
| 85°  | 15  | 8   | 16   | 15   | 15   | 17   |
| 90°  | 1   | 23  | 1    | 23   | 1    | 4    |
| 95°  | 45  | 60  | 45   | 60   | 45   | 50   |
| 105° | 172 | 182 | 172  | 182  | 172  | 184  |
| 115° | 324 | 325 | 324  | 325  | 324  | 321  |
| 125° | 475 | 470 | 475  | 470  | 475  | 424  |
| 135° | 616 | 615 | 616  | 615  | 616  | 475  |
| 145° | 747 | 747 | 747  | 747  | 747  | 467  |
| 155° | 856 | 854 | 856  | 854  | 856  | 394  |
| 165° | 932 | 929 | 932  | 929  | 932  | 263  |
| 175° | 970 | 966 | 970  | 966  | 970  | 92   |
| 180° | 972 | 972 | 972  | 972  | 972  |      |

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**CANDELA DISTRIBUTION (FULL):**

|        | 0°    | 5°    | 10°   | 15°   | 20°   | 22.5° | 25°   | 30°   | 35°   | 40°   | 45°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 529.7 | 529.7 | 529.7 | 529.7 | 529.7 | 529.7 | 529.7 | 529.7 | 529.7 | 529.7 | 529.7 |
| 2.5°   | 531.1 | 534.7 | 537.4 | 539.2 | 543.8 | 546.5 | 548.8 | 552.8 | 552.8 | 553.7 | 555.6 |
| 5°     | 529.3 | 537.0 | 542.4 | 549.7 | 559.2 | 563.7 | 570.1 | 575.5 | 583.2 | 587.3 | 591.4 |
| 7.5°   | 525.2 | 536.1 | 547.4 | 558.3 | 572.3 | 581.4 | 587.8 | 601.8 | 611.8 | 624.0 | 633.6 |
| 10°    | 519.7 | 534.7 | 549.2 | 566.0 | 585.0 | 598.6 | 608.2 | 626.8 | 645.8 | 663.0 | 677.6 |
| 12.5°  | 512.9 | 531.1 | 551.9 | 572.3 | 599.1 | 612.7 | 628.1 | 651.2 | 678.5 | 700.2 | 719.7 |
| 15°    | 505.7 | 526.5 | 550.1 | 575.1 | 608.6 | 627.7 | 649.9 | 678.0 | 708.4 | 739.7 | 766.4 |
| 17.5°  | 494.3 | 520.6 | 546.9 | 583.2 | 622.7 | 634.0 | 653.1 | 691.6 | 729.3 | 757.4 | 790.0 |
| 20°    | 483.0 | 512.5 | 545.6 | 578.2 | 620.9 | 647.2 | 664.9 | 705.7 | 746.0 | 780.0 | 811.3 |
| 22.5°  | 472.6 | 503.4 | 537.9 | 579.1 | 619.0 | 645.4 | 667.6 | 710.2 | 756.9 | 795.0 | 833.6 |
| 25°    | 459.9 | 493.4 | 531.5 | 570.5 | 619.0 | 639.0 | 663.5 | 712.9 | 762.4 | 806.4 | 854.0 |
| 27.5°  | 446.3 | 480.3 | 517.9 | 557.8 | 602.3 | 631.7 | 655.8 | 708.8 | 769.2 | 816.3 | 865.3 |
| 30°    | 432.7 | 467.6 | 503.9 | 539.7 | 589.6 | 617.7 | 645.4 | 703.9 | 772.8 | 826.8 | 864.4 |
| 32.5°  | 419.5 | 449.0 | 484.8 | 519.7 | 569.2 | 600.0 | 631.3 | 698.9 | 774.2 | 819.5 | 837.6 |
| 35°    | 401.4 | 432.2 | 461.2 | 498.4 | 548.3 | 578.7 | 615.4 | 698.4 | 768.3 | 796.4 | 787.3 |
| 37.5°  | 384.6 | 410.4 | 438.1 | 471.2 | 522.5 | 561.9 | 600.0 | 686.6 | 748.8 | 750.6 | 699.3 |
| 40°    | 366.0 | 387.3 | 410.4 | 445.4 | 500.7 | 539.7 | 581.0 | 668.5 | 713.4 | 686.6 | 596.4 |
| 42.5°  | 344.7 | 363.7 | 381.9 | 415.9 | 476.2 | 519.7 | 564.2 | 645.8 | 662.1 | 600.5 | 506.6 |
| 45°    | 322.0 | 337.4 | 354.2 | 390.0 | 450.3 | 493.4 | 537.9 | 610.9 | 594.1 | 507.0 | 417.7 |
| 47.5°  | 298.4 | 311.6 | 327.9 | 360.5 | 422.7 | 466.7 | 508.8 | 561.0 | 518.4 | 424.9 | 350.1 |
| 50°    | 274.8 | 285.3 | 301.1 | 334.7 | 394.6 | 434.5 | 473.5 | 507.5 | 447.6 | 364.6 | 289.3 |
| 52.5°  | 251.7 | 259.9 | 276.2 | 304.8 | 362.8 | 400.9 | 429.0 | 442.2 | 381.4 | 301.1 | 251.2 |
| 55°    | 227.2 | 236.3 | 247.2 | 276.2 | 333.8 | 361.9 | 380.5 | 380.0 | 317.5 | 255.3 | 207.7 |
| 57.5°  | 203.6 | 211.8 | 221.3 | 250.3 | 297.1 | 316.1 | 332.0 | 324.3 | 264.9 | 209.1 | 178.2 |
| 60°    | 182.8 | 187.3 | 197.7 | 222.2 | 257.6 | 273.9 | 283.0 | 269.8 | 216.3 | 176.4 | 147.4 |
| 62.5°  | 160.1 | 164.6 | 173.2 | 196.4 | 218.1 | 226.8 | 234.5 | 217.7 | 178.7 | 143.8 | 126.1 |
| 65°    | 139.2 | 145.1 | 150.6 | 169.2 | 181.0 | 191.4 | 190.5 | 176.4 | 139.7 | 117.0 | 102.5 |
| 67.5°  | 121.1 | 123.4 | 127.9 | 139.2 | 144.7 | 152.4 | 152.8 | 137.0 | 112.5 | 95.2  | 86.6  |
| 70°    | 101.6 | 103.9 | 107.0 | 112.5 | 116.1 | 117.9 | 117.0 | 102.9 | 84.8  | 74.4  | 66.7  |
| 72.5°  | 84.8  | 84.4  | 86.6  | 86.6  | 90.2  | 89.8  | 87.1  | 76.2  | 64.4  | 55.8  | 51.2  |
| 75°    | 66.7  | 67.1  | 67.6  | 66.7  | 65.3  | 63.5  | 61.2  | 53.1  | 45.4  | 41.3  | 37.2  |
| 77.5°  | 52.2  | 51.2  | 51.7  | 48.5  | 46.7  | 44.9  | 41.7  | 37.6  | 31.3  | 30.4  | 28.6  |
| 80°    | 37.2  | 36.7  | 36.3  | 34.9  | 30.8  | 29.0  | 26.8  | 24.5  | 23.1  | 22.2  | 21.8  |
| 82.5°  | 24.9  | 24.9  | 24.0  | 21.3  | 19.0  | 17.7  | 17.2  | 16.3  | 15.0  | 15.0  | 14.5  |
| 85°    | 15.0  | 14.5  | 13.6  | 10.9  | 9.5   | 9.5   | 9.5   | 9.5   | 8.6   | 8.6   | 8.2   |
| 87.5°  | 5.9   | 5.4   | 4.1   | 4.1   | 3.6   | 3.6   | 3.6   | 3.2   | 3.2   | 2.7   | 2.7   |
| 90°    | 0.8   | 2.5   | 4.2   | 5.9   | 7.6   | 8.4   | 9.5   | 11.7  | 13.9  | 16.1  | 18.3  |
| 92.5°  | 22.9  | 23.9  | 24.9  | 26.0  | 27.0  | 27.5  | 28.0  | 29.0  | 30.1  | 31.1  | 32.1  |
| 95°    | 45.0  | 46.2  | 47.4  | 48.6  | 49.8  | 50.4  | 51.1  | 52.4  | 53.8  | 55.1  | 56.5  |
| 97.5°  | 74.1  | 74.9  | 75.8  | 76.6  | 77.5  | 77.9  | 78.4  | 79.4  | 80.5  | 81.5  | 82.5  |
| 100°   | 103.8 | 104.8 | 105.8 | 106.9 | 107.9 | 108.4 | 108.8 | 109.7 | 110.5 | 111.4 | 112.2 |
| 102.5° | 138.2 | 138.7 | 139.2 | 139.7 | 140.2 | 140.5 | 141.1 | 142.3 | 143.4 | 144.6 | 145.8 |
| 105°   | 171.8 | 172.1 | 172.5 | 172.8 | 173.1 | 173.3 | 174.1 | 175.6 | 177.1 | 178.7 | 180.2 |
| 107.5° | 211.5 | 211.7 | 211.8 | 212.0 | 212.1 | 212.2 | 212.5 | 213.2 | 213.9 | 214.6 | 215.3 |
| 110°   | 248.1 | 248.5 | 248.8 | 249.2 | 249.5 | 249.7 | 249.9 | 250.2 | 250.5 | 250.9 | 251.2 |



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**CANDELA DISTRIBUTION (continued):**

|        | 0°    | 5°    | 10°   | 15°   | 20°   | 22.5° | 25°   | 30°   | 35°   | 40°   | 45°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 286.3 | 286.5 | 286.7 | 286.8 | 287.0 | 287.1 | 287.1 | 287.1 | 287.1 | 287.1 | 287.1 |
| 115°   | 324.5 | 325.0 | 325.5 | 326.0 | 326.5 | 326.8 | 326.6 | 326.3 | 325.9 | 325.6 | 325.2 |
| 117.5° | 363.4 | 363.6 | 363.8 | 363.9 | 364.1 | 364.2 | 364.0 | 363.7 | 363.3 | 363.0 | 362.6 |
| 120°   | 399.3 | 400.3 | 401.3 | 402.4 | 403.4 | 403.9 | 403.5 | 402.6 | 401.8 | 400.9 | 400.1 |
| 122.5° | 436.7 | 437.4 | 438.1 | 438.8 | 439.5 | 439.8 | 439.6 | 439.3 | 438.9 | 438.6 | 438.2 |
| 125°   | 474.9 | 475.4 | 475.9 | 476.4 | 476.9 | 477.2 | 477.0 | 476.7 | 476.3 | 476.0 | 475.6 |
| 127.5° | 510.0 | 511.0 | 512.0 | 513.1 | 514.1 | 514.6 | 514.4 | 514.1 | 513.8 | 513.4 | 513.1 |
| 130°   | 545.1 | 546.5 | 547.8 | 549.2 | 550.5 | 551.2 | 550.9 | 550.4 | 549.9 | 549.4 | 548.9 |
| 132.5° | 580.2 | 581.6 | 582.9 | 584.3 | 585.6 | 586.3 | 586.1 | 585.8 | 585.5 | 585.1 | 584.8 |
| 135°   | 616.1 | 617.1 | 618.1 | 619.2 | 620.2 | 620.7 | 620.6 | 620.4 | 620.3 | 620.1 | 619.9 |
| 137.5° | 648.9 | 649.8 | 650.6 | 651.5 | 652.4 | 652.8 | 653.1 | 653.6 | 654.1 | 654.6 | 655.1 |
| 140°   | 683.3 | 684.1 | 685.0 | 685.8 | 686.7 | 687.1 | 687.2 | 687.4 | 687.5 | 687.7 | 687.9 |
| 142.5° | 714.6 | 715.4 | 716.3 | 717.1 | 718.0 | 718.4 | 718.6 | 718.9 | 719.3 | 719.6 | 720.0 |
| 145°   | 747.4 | 747.8 | 748.1 | 748.5 | 748.8 | 749.0 | 749.3 | 749.8 | 750.3 | 750.8 | 751.3 |
| 147.5° | 775.7 | 776.4 | 777.0 | 777.7 | 778.4 | 778.7 | 779.0 | 779.5 | 780.0 | 780.5 | 781.0 |
| 150°   | 805.5 | 805.8 | 806.2 | 806.5 | 806.8 | 807.0 | 807.2 | 807.5 | 807.8 | 808.2 | 808.5 |
| 152.5° | 829.9 | 830.4 | 830.9 | 831.4 | 831.9 | 832.2 | 832.3 | 832.4 | 832.6 | 832.7 | 832.9 |
| 155°   | 855.8 | 855.8 | 855.8 | 855.8 | 855.8 | 855.8 | 855.9 | 856.1 | 856.2 | 856.4 | 856.6 |
| 157.5° | 878.0 | 877.8 | 877.6 | 877.5 | 877.3 | 877.2 | 877.3 | 877.5 | 877.6 | 877.8 | 878.0 |
| 160°   | 898.6 | 898.3 | 897.9 | 897.6 | 897.3 | 897.1 | 897.1 | 897.1 | 897.1 | 897.1 | 897.1 |
| 162.5° | 916.9 | 916.4 | 915.9 | 915.4 | 914.9 | 914.6 | 914.7 | 914.9 | 915.0 | 915.2 | 915.4 |
| 165°   | 932.2 | 931.7 | 931.2 | 930.7 | 930.2 | 929.9 | 929.9 | 929.9 | 929.9 | 929.9 | 929.9 |
| 167.5° | 945.2 | 944.5 | 943.8 | 943.1 | 942.4 | 942.1 | 942.2 | 942.4 | 942.5 | 942.7 | 942.9 |
| 170°   | 955.9 | 955.2 | 954.5 | 953.8 | 953.1 | 952.8 | 952.8 | 952.8 | 952.8 | 952.8 | 952.8 |
| 172.5° | 964.3 | 963.6 | 962.9 | 962.2 | 961.5 | 961.2 | 961.2 | 961.2 | 961.2 | 961.2 | 961.2 |
| 175°   | 969.6 | 968.9 | 968.3 | 967.6 | 966.9 | 966.6 | 966.6 | 966.6 | 966.6 | 966.6 | 966.6 |
| 177.5° | 972.7 | 972.0 | 971.3 | 970.6 | 969.9 | 969.6 | 969.6 | 969.6 | 969.6 | 969.6 | 969.6 |
| 180°   | 971.9 | 971.9 | 971.9 | 971.9 | 971.9 | 971.9 | 971.9 | 971.9 | 971.9 | 971.9 | 971.9 |

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**CANDELA DISTRIBUTION (continued):**

|        | 50°   | 55°   | 60°   | 65°   | 67.5° | 70°   | 75°   | 80°   | 85°   | 90°   | 95°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 529.7 | 529.7 | 529.7 | 529.7 | 529.7 | 529.7 | 529.7 | 529.7 | 529.7 | 529.7 | 529.7 |
| 2.5°   | 559.2 | 559.2 | 563.3 | 567.3 | 565.1 | 566.4 | 571.4 | 569.6 | 573.2 | 572.8 | 574.2 |
| 5°     | 601.4 | 606.4 | 610.4 | 619.0 | 620.4 | 619.0 | 627.7 | 629.9 | 634.0 | 629.0 | 631.3 |
| 7.5°   | 649.0 | 659.4 | 669.4 | 682.1 | 686.2 | 687.1 | 691.6 | 698.0 | 703.4 | 693.4 | 698.4 |
| 10°    | 695.2 | 711.1 | 731.5 | 742.9 | 752.8 | 756.5 | 760.1 | 764.2 | 770.5 | 776.4 | 771.9 |
| 12.5°  | 745.1 | 768.3 | 787.8 | 808.2 | 820.4 | 819.1 | 829.5 | 832.2 | 837.2 | 838.6 | 840.4 |
| 15°    | 785.9 | 818.6 | 830.8 | 861.2 | 863.9 | 873.0 | 884.8 | 895.2 | 896.6 | 893.9 | 893.9 |
| 17.5°  | 824.9 | 853.1 | 874.8 | 899.3 | 904.3 | 912.0 | 927.0 | 932.0 | 933.8 | 933.3 | 933.3 |
| 20°    | 856.7 | 875.3 | 912.0 | 932.4 | 940.6 | 950.6 | 961.0 | 967.4 | 968.7 | 970.5 | 967.8 |
| 22.5°  | 877.6 | 905.7 | 935.6 | 952.4 | 959.2 | 962.8 | 969.6 | 971.4 | 969.2 | 969.6 | 970.1 |
| 25°    | 893.9 | 921.5 | 939.7 | 944.2 | 943.8 | 939.2 | 934.2 | 925.6 | 924.7 | 921.1 | 913.8 |
| 27.5°  | 898.4 | 908.8 | 906.6 | 888.0 | 869.4 | 867.6 | 837.6 | 821.3 | 802.7 | 805.4 | 795.0 |
| 30°    | 873.9 | 860.3 | 828.1 | 781.0 | 761.5 | 729.7 | 696.1 | 661.2 | 647.6 | 632.7 | 660.3 |
| 32.5°  | 814.1 | 765.5 | 708.4 | 647.2 | 614.5 | 586.4 | 550.6 | 525.2 | 510.7 | 498.4 | 522.0 |
| 35°    | 723.8 | 648.1 | 572.3 | 514.3 | 487.5 | 462.1 | 428.6 | 415.9 | 397.7 | 399.5 | 401.8 |
| 37.5°  | 607.7 | 524.3 | 467.1 | 410.0 | 392.3 | 381.9 | 357.4 | 337.9 | 331.5 | 329.7 | 329.7 |
| 40°    | 498.9 | 430.4 | 379.6 | 334.7 | 321.1 | 312.5 | 293.0 | 283.9 | 277.1 | 275.3 | 277.6 |
| 42.5°  | 412.7 | 354.2 | 314.7 | 284.8 | 275.3 | 264.4 | 256.2 | 244.9 | 243.5 | 240.4 | 244.4 |
| 45°    | 346.5 | 295.7 | 266.2 | 244.4 | 236.3 | 232.2 | 223.1 | 216.3 | 213.6 | 213.2 | 216.3 |
| 47.5°  | 293.9 | 254.4 | 228.6 | 215.0 | 208.6 | 204.5 | 196.8 | 194.1 | 191.4 | 192.3 | 190.9 |
| 50°    | 246.7 | 217.2 | 200.5 | 188.2 | 184.1 | 180.0 | 175.1 | 172.3 | 171.0 | 171.0 | 170.5 |
| 52.5°  | 211.8 | 187.3 | 176.4 | 165.1 | 163.3 | 161.0 | 155.6 | 153.7 | 151.5 | 151.0 | 152.8 |
| 55°    | 181.4 | 164.6 | 153.7 | 146.9 | 145.1 | 140.6 | 138.3 | 136.1 | 134.7 | 133.8 | 134.2 |
| 57.5°  | 155.1 | 142.4 | 135.1 | 129.3 | 126.1 | 124.3 | 120.2 | 119.7 | 118.8 | 118.8 | 118.4 |
| 60°    | 133.3 | 124.3 | 115.6 | 112.0 | 109.8 | 107.5 | 107.0 | 104.3 | 102.9 | 103.9 | 103.4 |
| 62.5°  | 112.9 | 105.7 | 100.7 | 96.6  | 95.2  | 93.4  | 92.1  | 91.2  | 89.8  | 90.2  | 90.2  |
| 65°    | 94.3  | 88.4  | 84.8  | 81.2  | 80.7  | 78.9  | 78.5  | 77.6  | 77.6  | 77.1  | 78.0  |
| 67.5°  | 77.6  | 73.5  | 70.3  | 68.0  | 66.7  | 67.1  | 65.3  | 63.9  | 63.9  | 63.5  | 64.9  |
| 70°    | 61.7  | 59.4  | 56.2  | 53.5  | 51.7  | 51.7  | 49.4  | 49.0  | 49.0  | 49.0  | 48.5  |
| 72.5°  | 47.6  | 43.5  | 42.2  | 41.3  | 41.3  | 41.3  | 40.4  | 40.4  | 39.9  | 40.4  | 39.9  |
| 75°    | 35.4  | 34.9  | 34.0  | 33.6  | 33.6  | 33.1  | 32.7  | 32.7  | 32.7  | 32.7  | 32.7  |
| 77.5°  | 27.7  | 27.7  | 26.8  | 26.3  | 26.3  | 26.3  | 25.9  | 25.9  | 25.4  | 25.4  | 25.4  |
| 80°    | 20.4  | 20.4  | 19.5  | 19.5  | 19.5  | 19.0  | 19.0  | 19.0  | 19.5  | 19.0  | 19.0  |
| 82.5°  | 14.1  | 14.1  | 13.6  | 14.1  | 13.6  | 13.2  | 13.2  | 13.2  | 12.7  | 13.2  | 13.2  |
| 85°    | 8.2   | 8.2   | 7.7   | 7.3   | 7.7   | 7.7   | 7.3   | 7.7   | 7.3   | 7.7   | 7.3   |
| 87.5°  | 3.2   | 2.7   | 2.7   | 2.7   | 2.3   | 2.7   | 2.3   | 2.3   | 2.7   | 2.3   | 2.7   |
| 90°    | 19.0  | 19.7  | 20.4  | 21.1  | 21.4  | 21.6  | 21.9  | 22.2  | 22.6  | 22.9  | 22.6  |
| 92.5°  | 32.6  | 33.1  | 33.6  | 34.1  | 34.4  | 34.2  | 33.9  | 33.5  | 33.2  | 32.8  | 33.2  |
| 95°    | 57.2  | 57.9  | 58.6  | 59.3  | 59.6  | 59.6  | 59.6  | 59.6  | 59.6  | 59.6  | 59.6  |
| 97.5°  | 83.3  | 84.2  | 85.0  | 85.9  | 86.3  | 86.2  | 86.0  | 85.9  | 85.7  | 85.5  | 85.7  |
| 100°   | 112.7 | 113.2 | 113.7 | 114.2 | 114.5 | 114.7 | 115.0 | 115.3 | 115.7 | 116.0 | 115.7 |
| 102.5° | 146.3 | 146.8 | 147.3 | 147.8 | 148.1 | 148.0 | 147.8 | 147.7 | 147.5 | 147.3 | 147.5 |
| 105°   | 180.2 | 180.2 | 180.2 | 180.2 | 180.2 | 180.4 | 180.7 | 181.0 | 181.4 | 181.7 | 181.4 |
| 107.5° | 215.8 | 216.3 | 216.8 | 217.3 | 217.6 | 217.5 | 217.3 | 217.2 | 217.0 | 216.8 | 217.0 |
| 110°   | 251.9 | 252.5 | 253.2 | 253.9 | 254.2 | 254.0 | 253.7 | 253.4 | 253.0 | 252.7 | 253.0 |

TEST NUMBER: P1012531

CATALOG NUMBER: S123RDIP-B340D805UB30-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (continued):**

|        | 50°   | 55°   | 60°   | 65°   | 67.5° | 70°   | 75°   | 80°   | 85°   | 90°   | 95°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 287.9 | 288.8 | 289.6 | 290.5 | 290.9 | 290.9 | 290.9 | 290.9 | 290.9 | 290.9 | 290.9 |
| 115°   | 325.4 | 325.6 | 325.7 | 325.9 | 326.0 | 325.9 | 325.7 | 325.6 | 325.4 | 325.2 | 325.4 |
| 117.5° | 362.6 | 362.6 | 362.6 | 362.6 | 362.6 | 362.4 | 361.9 | 361.4 | 360.9 | 360.4 | 360.9 |
| 120°   | 399.9 | 399.7 | 399.6 | 399.4 | 399.3 | 399.1 | 398.8 | 398.5 | 398.1 | 397.8 | 398.1 |
| 122.5° | 437.7 | 437.2 | 436.7 | 436.2 | 435.9 | 435.7 | 435.2 | 434.7 | 434.2 | 433.7 | 434.2 |
| 125°   | 474.9 | 474.3 | 473.6 | 472.9 | 472.6 | 472.3 | 471.6 | 470.9 | 470.2 | 469.5 | 470.2 |
| 127.5° | 512.1 | 511.1 | 510.0 | 509.0 | 508.5 | 508.2 | 507.5 | 506.8 | 506.1 | 505.4 | 506.1 |
| 130°   | 548.2 | 547.6 | 546.9 | 546.2 | 545.9 | 545.3 | 544.1 | 542.9 | 541.7 | 540.5 | 541.7 |
| 132.5° | 584.0 | 583.1 | 582.3 | 581.4 | 581.0 | 580.6 | 579.7 | 578.9 | 578.0 | 577.2 | 578.0 |
| 135°   | 619.2 | 618.6 | 617.9 | 617.2 | 616.9 | 616.7 | 616.4 | 616.1 | 615.7 | 615.4 | 615.7 |
| 137.5° | 654.2 | 653.4 | 652.5 | 651.6 | 651.2 | 650.9 | 650.4 | 649.9 | 649.4 | 648.9 | 649.4 |
| 140°   | 687.7 | 687.5 | 687.4 | 687.2 | 687.1 | 686.5 | 685.3 | 684.2 | 683.0 | 681.8 | 683.0 |
| 142.5° | 719.8 | 719.6 | 719.5 | 719.3 | 719.2 | 718.8 | 717.9 | 717.1 | 716.2 | 715.4 | 716.2 |
| 145°   | 751.1 | 750.9 | 750.8 | 750.6 | 750.5 | 750.2 | 749.5 | 748.8 | 748.1 | 747.4 | 748.1 |
| 147.5° | 781.0 | 781.0 | 781.0 | 781.0 | 781.0 | 780.5 | 779.5 | 778.4 | 777.4 | 776.4 | 777.4 |
| 150°   | 808.5 | 808.5 | 808.5 | 808.5 | 808.5 | 808.0 | 807.0 | 805.9 | 804.9 | 803.9 | 804.9 |
| 152.5° | 833.3 | 833.6 | 834.0 | 834.3 | 834.5 | 834.1 | 833.2 | 832.4 | 831.5 | 830.7 | 831.5 |
| 155°   | 857.3 | 858.0 | 858.7 | 859.4 | 859.7 | 859.1 | 857.9 | 856.7 | 855.5 | 854.3 | 855.5 |
| 157.5° | 878.7 | 879.3 | 880.0 | 880.7 | 881.0 | 880.5 | 879.5 | 878.5 | 877.5 | 876.5 | 877.5 |
| 160°   | 897.9 | 898.8 | 899.6 | 900.5 | 900.9 | 900.6 | 899.9 | 899.2 | 898.5 | 897.8 | 898.5 |
| 162.5° | 916.2 | 917.1 | 917.9 | 918.8 | 919.2 | 918.6 | 917.4 | 916.3 | 915.1 | 913.9 | 915.1 |
| 165°   | 930.9 | 931.9 | 933.0 | 934.0 | 934.5 | 933.9 | 932.7 | 931.5 | 930.3 | 929.1 | 930.3 |
| 167.5° | 943.9 | 944.9 | 946.0 | 947.0 | 947.5 | 947.0 | 946.0 | 944.9 | 943.9 | 942.9 | 943.9 |
| 170°   | 954.0 | 955.2 | 956.4 | 957.6 | 958.2 | 957.6 | 956.4 | 955.2 | 954.0 | 952.8 | 954.0 |
| 172.5° | 962.2 | 963.2 | 964.3 | 965.3 | 965.8 | 965.2 | 964.0 | 962.8 | 961.6 | 960.4 | 961.6 |
| 175°   | 967.6 | 968.6 | 969.6 | 970.6 | 971.1 | 970.5 | 969.3 | 968.2 | 967.0 | 965.8 | 967.0 |
| 177.5° | 970.6 | 971.6 | 972.7 | 973.7 | 974.2 | 973.6 | 972.4 | 971.2 | 970.0 | 968.8 | 970.0 |
| 180°   | 971.9 | 971.9 | 971.9 | 971.9 | 971.9 | 971.9 | 971.9 | 971.9 | 971.9 | 971.9 | 971.9 |

TEST NUMBER: P1012531

CATALOG NUMBER: S123RDIP-B340D805UB30-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (continued):**

|        | 100°  | 105°  | 110°  | 112.5° | 115°  | 120°  | 125°  | 130°  | 135°  | 140°  | 145°  |
|--------|-------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 529.7 | 529.7 | 529.7 | 529.7  | 529.7 | 529.7 | 529.7 | 529.7 | 529.7 | 529.7 | 529.7 |
| 2.5°   | 571.9 | 569.2 | 567.3 | 566.0  | 564.6 | 568.7 | 563.3 | 557.4 | 553.3 | 550.6 | 549.7 |
| 5°     | 631.7 | 625.9 | 620.9 | 616.8  | 617.7 | 617.7 | 608.2 | 597.7 | 588.7 | 583.7 | 578.2 |
| 7.5°   | 701.1 | 694.8 | 684.8 | 682.5  | 680.7 | 669.4 | 659.9 | 640.8 | 629.5 | 618.1 | 608.2 |
| 10°    | 770.1 | 761.9 | 752.4 | 749.2  | 744.7 | 730.6 | 716.1 | 691.6 | 677.6 | 656.7 | 643.5 |
| 12.5°  | 834.5 | 824.5 | 815.0 | 812.7  | 805.9 | 793.7 | 768.7 | 743.3 | 719.3 | 697.1 | 673.9 |
| 15°    | 888.4 | 885.7 | 871.2 | 862.1  | 847.2 | 830.4 | 824.9 | 790.5 | 760.1 | 737.0 | 695.2 |
| 17.5°  | 933.8 | 921.1 | 907.5 | 901.6  | 895.7 | 876.2 | 856.7 | 821.3 | 788.7 | 754.7 | 727.9 |
| 20°    | 970.1 | 956.0 | 946.5 | 937.9  | 935.2 | 912.9 | 882.1 | 850.8 | 815.0 | 776.9 | 742.0 |
| 22.5°  | 971.9 | 970.1 | 963.7 | 958.7  | 953.3 | 938.8 | 914.3 | 875.3 | 837.2 | 795.5 | 749.7 |
| 25°    | 934.2 | 931.5 | 949.7 | 945.1  | 948.8 | 943.3 | 930.2 | 897.5 | 853.1 | 804.1 | 757.8 |
| 27.5°  | 820.9 | 848.5 | 877.1 | 887.1  | 893.9 | 913.4 | 919.7 | 901.6 | 865.8 | 813.6 | 761.9 |
| 30°    | 666.7 | 703.4 | 749.7 | 774.6  | 793.7 | 829.9 | 877.1 | 883.0 | 866.2 | 824.5 | 761.0 |
| 32.5°  | 523.4 | 556.9 | 594.1 | 623.6  | 649.0 | 723.4 | 786.9 | 832.7 | 840.8 | 819.1 | 763.3 |
| 35°    | 421.8 | 436.3 | 471.7 | 499.8  | 534.2 | 597.7 | 672.6 | 746.5 | 796.4 | 799.1 | 756.5 |
| 37.5°  | 347.8 | 355.6 | 386.4 | 402.3  | 422.7 | 478.5 | 548.3 | 644.9 | 722.5 | 759.2 | 737.4 |
| 40°    | 288.0 | 305.7 | 323.4 | 332.4  | 346.9 | 385.5 | 452.6 | 528.3 | 624.5 | 692.5 | 707.9 |
| 42.5°  | 249.9 | 257.6 | 268.9 | 281.6  | 290.7 | 324.3 | 369.2 | 438.6 | 525.2 | 620.0 | 662.6 |
| 45°    | 220.4 | 223.1 | 234.9 | 243.1  | 252.6 | 276.2 | 307.9 | 366.0 | 442.2 | 535.6 | 608.2 |
| 47.5°  | 195.9 | 201.4 | 207.7 | 212.7  | 219.0 | 237.2 | 264.4 | 306.6 | 373.7 | 457.1 | 535.1 |
| 50°    | 174.2 | 177.3 | 185.5 | 187.8  | 192.3 | 205.0 | 225.9 | 258.1 | 313.4 | 380.0 | 460.8 |
| 52.5°  | 153.7 | 159.6 | 162.8 | 166.0  | 170.1 | 180.5 | 194.1 | 220.4 | 262.1 | 324.7 | 393.2 |
| 55°    | 137.9 | 139.7 | 144.2 | 146.9  | 150.1 | 157.4 | 169.2 | 188.7 | 221.3 | 271.2 | 336.1 |
| 57.5°  | 122.4 | 122.4 | 127.0 | 129.3  | 132.4 | 137.9 | 148.3 | 163.3 | 186.8 | 224.0 | 283.4 |
| 60°    | 106.1 | 106.6 | 110.2 | 112.9  | 113.8 | 119.3 | 127.9 | 139.7 | 157.8 | 185.0 | 233.6 |
| 62.5°  | 91.6  | 93.9  | 95.7  | 96.6   | 99.8  | 102.9 | 110.2 | 118.4 | 131.1 | 155.1 | 189.6 |
| 65°    | 79.4  | 79.8  | 81.2  | 82.1   | 83.4  | 87.1  | 92.5  | 98.0  | 108.8 | 126.5 | 154.6 |
| 67.5°  | 65.3  | 67.1  | 68.9  | 68.9   | 70.3  | 72.1  | 77.6  | 82.1  | 90.2  | 100.7 | 119.7 |
| 70°    | 49.0  | 49.9  | 52.6  | 54.0   | 55.8  | 59.0  | 61.7  | 64.4  | 70.7  | 78.5  | 93.0  |
| 72.5°  | 40.8  | 40.8  | 41.7  | 42.2   | 42.2  | 44.4  | 48.5  | 51.2  | 54.4  | 59.9  | 69.8  |
| 75°    | 32.7  | 32.7  | 34.0  | 33.6   | 34.5  | 35.4  | 35.8  | 37.6  | 39.5  | 43.5  | 49.4  |
| 77.5°  | 25.9  | 26.3  | 26.3  | 26.8   | 26.8  | 27.2  | 27.7  | 28.6  | 29.5  | 31.7  | 34.5  |
| 80°    | 19.0  | 19.5  | 19.5  | 20.0   | 20.0  | 20.4  | 20.9  | 21.3  | 22.2  | 23.1  | 24.5  |
| 82.5°  | 13.2  | 13.6  | 13.6  | 14.1   | 13.6  | 14.1  | 14.5  | 14.5  | 15.0  | 15.9  | 16.3  |
| 85°    | 7.7   | 7.7   | 8.2   | 7.7    | 7.7   | 7.7   | 8.2   | 8.2   | 8.6   | 10.0  | 10.0  |
| 87.5°  | 2.3   | 2.7   | 2.3   | 2.7    | 2.7   | 2.7   | 2.7   | 3.2   | 3.2   | 3.6   | 4.1   |
| 90°    | 22.2  | 21.9  | 21.6  | 21.4   | 21.1  | 20.4  | 19.7  | 19.0  | 18.3  | 16.1  | 13.9  |
| 92.5°  | 33.5  | 33.9  | 34.2  | 34.4   | 34.1  | 33.6  | 33.1  | 32.6  | 32.1  | 31.1  | 30.1  |
| 95°    | 59.6  | 59.6  | 59.6  | 59.6   | 59.3  | 58.6  | 57.9  | 57.2  | 56.5  | 55.1  | 53.8  |
| 97.5°  | 85.9  | 86.0  | 86.2  | 86.3   | 85.9  | 85.0  | 84.2  | 83.3  | 82.5  | 81.5  | 80.5  |
| 100°   | 115.3 | 115.0 | 114.7 | 114.5  | 114.2 | 113.7 | 113.2 | 112.7 | 112.2 | 111.4 | 110.5 |
| 102.5° | 147.7 | 147.8 | 148.0 | 148.1  | 147.8 | 147.3 | 146.8 | 146.3 | 145.8 | 144.6 | 143.4 |
| 105°   | 181.0 | 180.7 | 180.4 | 180.2  | 180.2 | 180.2 | 180.2 | 180.2 | 180.2 | 178.7 | 177.1 |
| 107.5° | 217.2 | 217.3 | 217.5 | 217.6  | 217.3 | 216.8 | 216.3 | 215.8 | 215.3 | 214.6 | 213.9 |
| 110°   | 253.4 | 253.7 | 254.0 | 254.2  | 253.9 | 253.2 | 252.5 | 251.9 | 251.2 | 250.9 | 250.5 |

TEST NUMBER: P1012531

CATALOG NUMBER: S123RDIP-B340D805UB30-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (continued):**

|        | 100°  | 105°  | 110°  | 112.5° | 115°  | 120°  | 125°  | 130°  | 135°  | 140°  | 145°  |
|--------|-------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 290.9 | 290.9 | 290.9 | 290.9  | 290.5 | 289.6 | 288.8 | 287.9 | 287.1 | 287.1 | 287.1 |
| 115°   | 325.6 | 325.7 | 325.9 | 326.0  | 325.9 | 325.7 | 325.6 | 325.4 | 325.2 | 325.6 | 325.9 |
| 117.5° | 361.4 | 361.9 | 362.4 | 362.6  | 362.6 | 362.6 | 362.6 | 362.6 | 362.6 | 363.0 | 363.3 |
| 120°   | 398.5 | 398.8 | 399.1 | 399.3  | 399.4 | 399.6 | 399.7 | 399.9 | 400.1 | 400.9 | 401.8 |
| 122.5° | 434.7 | 435.2 | 435.7 | 435.9  | 436.2 | 436.7 | 437.2 | 437.7 | 438.2 | 438.6 | 438.9 |
| 125°   | 470.9 | 471.6 | 472.3 | 472.6  | 472.9 | 473.6 | 474.3 | 474.9 | 475.6 | 476.0 | 476.3 |
| 127.5° | 506.8 | 507.5 | 508.2 | 508.5  | 509.0 | 510.0 | 511.1 | 512.1 | 513.1 | 513.4 | 513.8 |
| 130°   | 542.9 | 544.1 | 545.3 | 545.9  | 546.2 | 546.9 | 547.6 | 548.2 | 548.9 | 549.4 | 549.9 |
| 132.5° | 578.9 | 579.7 | 580.6 | 581.0  | 581.4 | 582.3 | 583.1 | 584.0 | 584.8 | 585.1 | 585.5 |
| 135°   | 616.1 | 616.4 | 616.7 | 616.9  | 617.2 | 617.9 | 618.6 | 619.2 | 619.9 | 620.1 | 620.3 |
| 137.5° | 649.9 | 650.4 | 650.9 | 651.2  | 651.6 | 652.5 | 653.4 | 654.2 | 655.1 | 654.6 | 654.1 |
| 140°   | 684.2 | 685.3 | 686.5 | 687.1  | 687.2 | 687.4 | 687.5 | 687.7 | 687.9 | 687.7 | 687.5 |
| 142.5° | 717.1 | 717.9 | 718.8 | 719.2  | 719.3 | 719.5 | 719.6 | 719.8 | 720.0 | 719.6 | 719.3 |
| 145°   | 748.8 | 749.5 | 750.2 | 750.5  | 750.6 | 750.8 | 750.9 | 751.1 | 751.3 | 750.8 | 750.3 |
| 147.5° | 778.4 | 779.5 | 780.5 | 781.0  | 781.0 | 781.0 | 781.0 | 781.0 | 781.0 | 780.5 | 780.0 |
| 150°   | 805.9 | 807.0 | 808.0 | 808.5  | 808.5 | 808.5 | 808.5 | 808.5 | 808.5 | 808.2 | 807.8 |
| 152.5° | 832.4 | 833.2 | 834.1 | 834.5  | 834.3 | 834.0 | 833.6 | 833.3 | 832.9 | 832.7 | 832.6 |
| 155°   | 856.7 | 857.9 | 859.1 | 859.7  | 859.4 | 858.7 | 858.0 | 857.3 | 856.6 | 856.4 | 856.2 |
| 157.5° | 878.5 | 879.5 | 880.5 | 881.0  | 880.7 | 880.0 | 879.3 | 878.7 | 878.0 | 877.8 | 877.6 |
| 160°   | 899.2 | 899.9 | 900.6 | 900.9  | 900.5 | 899.6 | 898.8 | 897.9 | 897.1 | 897.1 | 897.1 |
| 162.5° | 916.3 | 917.4 | 918.6 | 919.2  | 918.8 | 917.9 | 917.1 | 916.2 | 915.4 | 915.2 | 915.0 |
| 165°   | 931.5 | 932.7 | 933.9 | 934.5  | 934.0 | 933.0 | 931.9 | 930.9 | 929.9 | 929.9 | 929.9 |
| 167.5° | 944.9 | 946.0 | 947.0 | 947.5  | 947.0 | 946.0 | 944.9 | 943.9 | 942.9 | 942.7 | 942.5 |
| 170°   | 955.2 | 956.4 | 957.6 | 958.2  | 957.6 | 956.4 | 955.2 | 954.0 | 952.8 | 952.8 | 952.8 |
| 172.5° | 962.8 | 964.0 | 965.2 | 965.8  | 965.3 | 964.3 | 963.2 | 962.2 | 961.2 | 961.2 | 961.2 |
| 175°   | 968.2 | 969.3 | 970.5 | 971.1  | 970.6 | 969.6 | 968.6 | 967.6 | 966.6 | 966.6 | 966.6 |
| 177.5° | 971.2 | 972.4 | 973.6 | 974.2  | 973.7 | 972.7 | 971.6 | 970.6 | 969.6 | 969.6 | 969.6 |
| 180°   | 971.9 | 971.9 | 971.9 | 971.9  | 971.9 | 971.9 | 971.9 | 971.9 | 971.9 | 971.9 | 971.9 |

TEST NUMBER: P1012531

CATALOG NUMBER: S123RDIP-B340D805UB30-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (continued):**

|        | 150°  | 155°  | 157.5° | 160°  | 165°  | 170°  | 175°  | 180°  | 185°  | 190°  | 195°  |
|--------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 529.7 | 529.7 | 529.7  | 529.7 | 529.7 | 529.7 | 529.7 | 529.7 | 529.7 | 529.7 | 529.7 |
| 2.5°   | 548.3 | 546.0 | 543.8  | 543.8 | 538.8 | 534.2 | 532.0 | 532.9 | 530.2 | 526.5 | 522.9 |
| 5°     | 572.3 | 563.3 | 561.5  | 556.5 | 549.7 | 540.1 | 535.1 | 530.6 | 525.2 | 517.9 | 511.1 |
| 7.5°   | 594.6 | 582.8 | 576.4  | 571.4 | 558.3 | 545.1 | 534.2 | 527.0 | 517.5 | 506.6 | 498.4 |
| 10°    | 623.6 | 601.8 | 595.0  | 583.7 | 565.1 | 546.5 | 533.8 | 522.0 | 508.8 | 496.1 | 485.3 |
| 12.5°  | 646.7 | 621.8 | 609.1  | 597.7 | 573.7 | 550.1 | 528.8 | 514.3 | 498.4 | 484.4 | 470.3 |
| 15°    | 673.0 | 644.9 | 622.7  | 609.1 | 578.7 | 550.1 | 526.1 | 505.7 | 488.0 | 470.7 | 458.5 |
| 17.5°  | 685.7 | 650.3 | 640.4  | 620.9 | 576.9 | 548.3 | 518.8 | 497.1 | 475.7 | 455.8 | 441.3 |
| 20°    | 705.7 | 664.4 | 639.5  | 626.3 | 587.3 | 545.1 | 510.7 | 485.7 | 463.5 | 442.2 | 426.8 |
| 22.5°  | 707.0 | 662.1 | 645.8  | 620.9 | 572.8 | 535.6 | 503.4 | 473.0 | 447.2 | 427.2 | 411.3 |
| 25°    | 703.9 | 658.1 | 635.4  | 615.4 | 575.5 | 530.2 | 488.9 | 459.0 | 433.6 | 410.4 | 391.8 |
| 27.5°  | 702.5 | 646.3 | 624.9  | 605.0 | 560.1 | 514.3 | 480.3 | 446.3 | 417.2 | 396.8 | 377.8 |
| 30°    | 700.7 | 633.6 | 607.7  | 584.6 | 543.3 | 502.0 | 461.2 | 431.7 | 404.1 | 378.2 | 359.2 |
| 32.5°  | 688.9 | 616.3 | 590.0  | 565.5 | 521.1 | 479.8 | 447.6 | 416.3 | 386.4 | 362.4 | 345.1 |
| 35°    | 685.3 | 600.5 | 566.0  | 539.7 | 496.1 | 459.4 | 425.4 | 399.5 | 371.4 | 347.4 | 327.0 |
| 37.5°  | 674.8 | 584.1 | 546.9  | 513.4 | 468.0 | 433.1 | 408.2 | 382.3 | 355.1 | 329.3 | 312.9 |
| 40°    | 656.7 | 565.1 | 522.9  | 488.4 | 441.7 | 406.4 | 383.2 | 364.2 | 337.4 | 314.3 | 294.3 |
| 42.5°  | 629.9 | 545.6 | 500.2  | 463.9 | 412.2 | 379.1 | 360.1 | 342.0 | 319.3 | 295.2 | 278.9 |
| 45°    | 599.1 | 519.7 | 477.6  | 437.2 | 384.6 | 352.4 | 332.4 | 321.5 | 300.7 | 280.3 | 261.2 |
| 47.5°  | 556.9 | 493.0 | 451.2  | 409.5 | 356.0 | 324.7 | 308.8 | 298.0 | 283.4 | 261.2 | 245.8 |
| 50°    | 503.9 | 458.5 | 419.0  | 381.9 | 327.9 | 298.0 | 282.1 | 273.9 | 261.7 | 245.8 | 230.8 |
| 52.5°  | 444.9 | 418.6 | 385.9  | 351.5 | 299.3 | 271.2 | 256.7 | 250.3 | 241.3 | 226.3 | 213.6 |
| 55°    | 385.5 | 374.2 | 351.9  | 317.9 | 269.4 | 246.3 | 233.6 | 225.4 | 218.6 | 207.7 | 196.8 |
| 57.5°  | 332.4 | 327.0 | 311.6  | 285.3 | 244.4 | 220.4 | 209.5 | 204.1 | 198.6 | 190.5 | 179.6 |
| 60°    | 277.6 | 283.4 | 267.6  | 254.4 | 217.2 | 196.4 | 186.8 | 181.0 | 178.2 | 171.0 | 164.2 |
| 62.5°  | 229.9 | 235.4 | 226.3  | 216.3 | 190.0 | 171.4 | 165.5 | 160.1 | 158.3 | 151.9 | 145.1 |
| 65°    | 186.8 | 193.7 | 186.8  | 181.4 | 165.5 | 150.1 | 142.9 | 140.1 | 138.3 | 134.2 | 128.8 |
| 67.5°  | 148.8 | 155.6 | 152.4  | 145.6 | 140.6 | 127.9 | 123.8 | 121.1 | 120.2 | 117.0 | 112.5 |
| 70°    | 112.0 | 121.5 | 122.4  | 118.4 | 113.8 | 107.9 | 105.2 | 104.3 | 102.0 | 99.3  | 96.6  |
| 72.5°  | 80.7  | 91.6  | 92.1   | 92.1  | 89.3  | 89.3  | 86.6  | 85.3  | 85.3  | 82.5  | 79.4  |
| 75°    | 59.4  | 66.7  | 67.6   | 68.5  | 69.8  | 71.2  | 69.4  | 69.4  | 68.9  | 66.2  | 64.9  |
| 77.5°  | 39.5  | 45.8  | 48.1   | 51.2  | 53.1  | 53.1  | 54.0  | 54.9  | 54.0  | 52.6  | 51.7  |
| 80°    | 25.4  | 29.9  | 32.7   | 34.5  | 37.2  | 38.5  | 39.9  | 40.4  | 39.5  | 39.0  | 37.6  |
| 82.5°  | 16.8  | 18.1  | 19.5   | 21.8  | 24.9  | 27.2  | 27.2  | 26.8  | 27.7  | 27.2  | 26.8  |
| 85°    | 9.5   | 10.4  | 10.9   | 11.3  | 13.2  | 15.4  | 15.9  | 16.3  | 17.2  | 16.3  | 15.4  |
| 87.5°  | 3.6   | 4.1   | 4.1    | 4.1   | 5.0   | 5.4   | 6.8   | 8.6   | 8.2   | 7.3   | 7.3   |
| 90°    | 11.7  | 9.5   | 8.4    | 7.6   | 5.9   | 4.2   | 2.5   | 0.8   | 2.5   | 4.2   | 5.9   |
| 92.5°  | 29.0  | 28.0  | 27.5   | 27.0  | 26.0  | 24.9  | 23.9  | 22.9  | 23.9  | 24.9  | 26.0  |
| 95°    | 52.4  | 51.1  | 50.4   | 49.8  | 48.6  | 47.4  | 46.2  | 45.0  | 46.2  | 47.4  | 48.6  |
| 97.5°  | 79.4  | 78.4  | 77.9   | 77.5  | 76.6  | 75.8  | 74.9  | 74.1  | 74.9  | 75.8  | 76.6  |
| 100°   | 109.7 | 108.8 | 108.4  | 107.9 | 106.9 | 105.8 | 104.8 | 103.8 | 104.8 | 105.8 | 106.9 |
| 102.5° | 142.3 | 141.1 | 140.5  | 140.2 | 139.7 | 139.2 | 138.7 | 138.2 | 138.7 | 139.2 | 139.7 |
| 105°   | 175.6 | 174.1 | 173.3  | 173.1 | 172.8 | 172.5 | 172.1 | 171.8 | 172.1 | 172.5 | 172.8 |
| 107.5° | 213.2 | 212.5 | 212.2  | 212.1 | 212.0 | 211.8 | 211.7 | 211.5 | 211.7 | 211.8 | 212.0 |
| 110°   | 250.2 | 249.9 | 249.7  | 249.5 | 249.2 | 248.8 | 248.5 | 248.1 | 248.5 | 248.8 | 249.2 |

TEST NUMBER: P1012531

CATALOG NUMBER: S123RDIP-B340D805UB30-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (continued):**

|        | 150°  | 155°  | 157.5° | 160°  | 165°  | 170°  | 175°  | 180°  | 185°  | 190°  | 195°  |
|--------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 287.1 | 287.1 | 287.1  | 287.0 | 286.8 | 286.7 | 286.5 | 286.3 | 286.5 | 286.7 | 286.8 |
| 115°   | 326.3 | 326.6 | 326.8  | 326.5 | 326.0 | 325.5 | 325.0 | 324.5 | 325.0 | 325.5 | 326.0 |
| 117.5° | 363.7 | 364.0 | 364.2  | 364.1 | 363.9 | 363.8 | 363.6 | 363.4 | 363.6 | 363.8 | 363.9 |
| 120°   | 402.6 | 403.5 | 403.9  | 403.4 | 402.4 | 401.3 | 400.3 | 399.3 | 400.3 | 401.3 | 402.4 |
| 122.5° | 439.3 | 439.6 | 439.8  | 439.5 | 438.8 | 438.1 | 437.4 | 436.7 | 437.4 | 438.1 | 438.8 |
| 125°   | 476.7 | 477.0 | 477.2  | 476.9 | 476.4 | 475.9 | 475.4 | 474.9 | 475.4 | 475.9 | 476.4 |
| 127.5° | 514.1 | 514.4 | 514.6  | 514.1 | 513.1 | 512.0 | 511.0 | 510.0 | 511.0 | 512.0 | 513.1 |
| 130°   | 550.4 | 550.9 | 551.2  | 550.5 | 549.2 | 547.8 | 546.5 | 545.1 | 546.5 | 547.8 | 549.2 |
| 132.5° | 585.8 | 586.1 | 586.3  | 585.6 | 584.3 | 582.9 | 581.6 | 580.2 | 581.6 | 582.9 | 584.3 |
| 135°   | 620.4 | 620.6 | 620.7  | 620.2 | 619.2 | 618.1 | 617.1 | 616.1 | 617.1 | 618.1 | 619.2 |
| 137.5° | 653.6 | 653.1 | 652.8  | 652.4 | 651.5 | 650.6 | 649.8 | 648.9 | 649.8 | 650.6 | 651.5 |
| 140°   | 687.4 | 687.2 | 687.1  | 686.7 | 685.8 | 685.0 | 684.1 | 683.3 | 684.1 | 685.0 | 685.8 |
| 142.5° | 718.9 | 718.6 | 718.4  | 718.0 | 717.1 | 716.3 | 715.4 | 714.6 | 715.4 | 716.3 | 717.1 |
| 145°   | 749.8 | 749.3 | 749.0  | 748.8 | 748.5 | 748.1 | 747.8 | 747.4 | 747.8 | 748.1 | 748.5 |
| 147.5° | 779.5 | 779.0 | 778.7  | 778.4 | 777.7 | 777.0 | 776.4 | 775.7 | 776.4 | 777.0 | 777.7 |
| 150°   | 807.5 | 807.2 | 807.0  | 806.8 | 806.5 | 806.2 | 805.8 | 805.5 | 805.8 | 806.2 | 806.5 |
| 152.5° | 832.4 | 832.3 | 832.2  | 831.9 | 831.4 | 830.9 | 830.4 | 829.9 | 830.4 | 830.9 | 831.4 |
| 155°   | 856.1 | 855.9 | 855.8  | 855.8 | 855.8 | 855.8 | 855.8 | 855.8 | 855.8 | 855.8 | 855.8 |
| 157.5° | 877.5 | 877.3 | 877.2  | 877.3 | 877.5 | 877.6 | 877.8 | 878.0 | 877.8 | 877.6 | 877.5 |
| 160°   | 897.1 | 897.1 | 897.1  | 897.3 | 897.6 | 897.9 | 898.3 | 898.6 | 898.3 | 897.9 | 897.6 |
| 162.5° | 914.9 | 914.7 | 914.6  | 914.9 | 915.4 | 915.9 | 916.4 | 916.9 | 916.4 | 915.9 | 915.4 |
| 165°   | 929.9 | 929.9 | 929.9  | 930.2 | 930.7 | 931.2 | 931.7 | 932.2 | 931.7 | 931.2 | 930.7 |
| 167.5° | 942.4 | 942.2 | 942.1  | 942.4 | 943.1 | 943.8 | 944.5 | 945.2 | 944.5 | 943.8 | 943.1 |
| 170°   | 952.8 | 952.8 | 952.8  | 953.1 | 953.8 | 954.5 | 955.2 | 955.9 | 955.2 | 954.5 | 953.8 |
| 172.5° | 961.2 | 961.2 | 961.2  | 961.5 | 962.2 | 962.9 | 963.6 | 964.3 | 963.6 | 962.9 | 962.2 |
| 175°   | 966.6 | 966.6 | 966.6  | 966.9 | 967.6 | 968.3 | 968.9 | 969.6 | 968.9 | 968.3 | 967.6 |
| 177.5° | 969.6 | 969.6 | 969.6  | 969.9 | 970.6 | 971.3 | 972.0 | 972.7 | 972.0 | 971.3 | 970.6 |
| 180°   | 971.9 | 971.9 | 971.9  | 971.9 | 971.9 | 971.9 | 971.9 | 971.9 | 971.9 | 971.9 | 971.9 |

TEST NUMBER: P1012531

CATALOG NUMBER: S123RDIP-B340D805UB30-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (continued):**

|        | 200°  | 202.5° | 205°  | 210°  | 215°  | 220°  | 225°  | 230°  | 235°  | 240°  | 245°  |
|--------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 529.7 | 529.7  | 529.7 | 529.7 | 529.7 | 529.7 | 529.7 | 529.7 | 529.7 | 529.7 | 529.7 |
| 2.5°   | 522.9 | 520.6  | 519.7 | 517.5 | 512.0 | 508.4 | 504.3 | 501.6 | 502.0 | 499.8 | 501.1 |
| 5°     | 506.6 | 506.1  | 502.9 | 498.4 | 490.7 | 486.6 | 479.4 | 475.7 | 473.9 | 474.4 | 471.7 |
| 7.5°   | 493.0 | 488.9  | 486.6 | 479.4 | 472.1 | 463.5 | 457.6 | 454.4 | 451.7 | 449.0 | 447.2 |
| 10°    | 477.6 | 473.9  | 470.3 | 462.6 | 452.6 | 444.4 | 436.3 | 433.1 | 429.0 | 427.2 | 425.9 |
| 12.5°  | 461.2 | 459.0  | 454.4 | 445.4 | 434.0 | 426.3 | 416.8 | 415.0 | 409.5 | 405.9 | 405.0 |
| 15°    | 446.3 | 444.9  | 436.7 | 426.3 | 415.0 | 407.3 | 399.1 | 393.7 | 384.6 | 386.4 | 383.2 |
| 17.5°  | 430.4 | 424.5  | 419.5 | 405.4 | 400.0 | 388.2 | 378.7 | 376.0 | 369.6 | 365.5 | 361.5 |
| 20°    | 412.7 | 409.1  | 402.7 | 393.7 | 380.5 | 366.9 | 359.6 | 355.1 | 351.5 | 345.1 | 343.3 |
| 22.5°  | 395.9 | 391.4  | 385.9 | 374.2 | 362.8 | 351.5 | 341.5 | 337.4 | 332.9 | 328.3 | 325.6 |
| 25°    | 382.8 | 376.0  | 370.1 | 355.6 | 344.2 | 334.7 | 328.3 | 321.5 | 315.2 | 312.5 | 311.6 |
| 27.5°  | 362.4 | 358.3  | 352.4 | 338.8 | 328.3 | 317.9 | 312.0 | 307.5 | 300.7 | 297.5 | 294.8 |
| 30°    | 349.2 | 341.0  | 334.2 | 323.4 | 312.9 | 301.6 | 296.1 | 290.7 | 286.6 | 282.5 | 279.4 |
| 32.5°  | 331.5 | 325.2  | 319.7 | 308.8 | 298.4 | 288.0 | 282.1 | 273.9 | 271.7 | 268.5 | 264.9 |
| 35°    | 314.3 | 310.2  | 304.3 | 292.5 | 281.2 | 273.9 | 267.6 | 259.9 | 257.1 | 254.9 | 251.7 |
| 37.5°  | 298.0 | 292.1  | 288.0 | 276.6 | 266.7 | 258.1 | 253.1 | 246.7 | 244.9 | 242.2 | 239.9 |
| 40°    | 283.9 | 278.0  | 273.9 | 262.6 | 252.2 | 243.1 | 239.9 | 233.6 | 230.8 | 227.7 | 226.3 |
| 42.5°  | 268.0 | 263.0  | 257.6 | 249.4 | 238.5 | 229.5 | 223.1 | 219.5 | 215.9 | 214.5 | 211.8 |
| 45°    | 251.2 | 246.7  | 242.6 | 233.6 | 222.2 | 215.9 | 210.4 | 205.4 | 202.7 | 200.5 | 198.6 |
| 47.5°  | 236.7 | 232.7  | 227.2 | 217.2 | 208.2 | 202.3 | 196.8 | 191.8 | 189.1 | 186.4 | 184.1 |
| 50°    | 220.0 | 217.7  | 211.8 | 202.3 | 193.7 | 186.8 | 181.9 | 177.3 | 175.5 | 172.3 | 168.7 |
| 52.5°  | 205.0 | 200.9  | 195.9 | 188.2 | 180.5 | 172.3 | 165.5 | 162.8 | 159.6 | 157.8 | 154.6 |
| 55°    | 187.3 | 184.6  | 179.1 | 172.3 | 164.2 | 157.4 | 152.4 | 148.8 | 144.7 | 142.9 | 138.8 |
| 57.5°  | 172.3 | 167.3  | 164.6 | 156.0 | 148.3 | 141.5 | 137.9 | 134.2 | 129.7 | 127.0 | 125.2 |
| 60°    | 156.0 | 151.5  | 147.4 | 140.1 | 134.7 | 127.4 | 122.0 | 118.8 | 115.6 | 112.0 | 110.2 |
| 62.5°  | 140.1 | 136.5  | 131.5 | 125.6 | 118.8 | 112.9 | 108.8 | 104.3 | 102.5 | 98.9  | 97.5  |
| 65°    | 122.9 | 120.2  | 116.1 | 109.3 | 103.9 | 98.9  | 94.8  | 91.2  | 89.3  | 88.0  | 87.1  |
| 67.5°  | 107.5 | 103.9  | 101.1 | 95.2  | 89.3  | 85.3  | 83.0  | 80.7  | 78.5  | 77.1  | 75.7  |
| 70°    | 91.6  | 88.9   | 86.2  | 80.7  | 76.6  | 73.0  | 71.2  | 69.4  | 68.0  | 66.7  | 65.3  |
| 72.5°  | 75.3  | 73.9   | 71.2  | 67.6  | 64.4  | 61.7  | 60.3  | 58.1  | 56.7  | 54.4  | 53.5  |
| 75°    | 62.1  | 59.9   | 58.5  | 55.3  | 52.6  | 50.3  | 48.5  | 45.8  | 44.0  | 43.1  | 42.6  |
| 77.5°  | 49.0  | 48.1   | 46.3  | 43.5  | 42.2  | 39.9  | 37.2  | 36.3  | 35.4  | 35.4  | 34.9  |
| 80°    | 36.7  | 35.4   | 34.0  | 31.7  | 30.4  | 28.6  | 28.6  | 28.6  | 28.1  | 28.6  | 28.1  |
| 82.5°  | 24.9  | 24.0   | 23.1  | 21.8  | 21.3  | 21.3  | 21.8  | 21.8  | 21.8  | 21.8  | 21.8  |
| 85°    | 14.5  | 14.5   | 14.5  | 15.0  | 14.5  | 14.5  | 15.0  | 15.4  | 15.0  | 15.0  | 14.5  |
| 87.5°  | 6.8   | 6.8    | 7.3   | 7.3   | 7.7   | 7.7   | 7.7   | 7.7   | 7.7   | 7.7   | 8.2   |
| 90°    | 7.6   | 8.4    | 9.5   | 11.7  | 13.9  | 16.1  | 18.3  | 19.0  | 19.7  | 20.4  | 21.1  |
| 92.5°  | 27.0  | 27.5   | 28.0  | 29.0  | 30.1  | 31.1  | 32.1  | 32.6  | 33.1  | 33.6  | 34.1  |
| 95°    | 49.8  | 50.4   | 51.1  | 52.4  | 53.8  | 55.1  | 56.5  | 57.2  | 57.9  | 58.6  | 59.3  |
| 97.5°  | 77.5  | 77.9   | 78.4  | 79.4  | 80.5  | 81.5  | 82.5  | 83.3  | 84.2  | 85.0  | 85.9  |
| 100°   | 107.9 | 108.4  | 108.8 | 109.7 | 110.5 | 111.4 | 112.2 | 112.7 | 113.2 | 113.7 | 114.2 |
| 102.5° | 140.2 | 140.5  | 141.1 | 142.3 | 143.4 | 144.6 | 145.8 | 146.3 | 146.8 | 147.3 | 147.8 |
| 105°   | 173.1 | 173.3  | 174.1 | 175.6 | 177.1 | 178.7 | 180.2 | 180.2 | 180.2 | 180.2 | 180.2 |
| 107.5° | 212.1 | 212.2  | 212.5 | 213.2 | 213.9 | 214.6 | 215.3 | 215.8 | 216.3 | 216.8 | 217.3 |
| 110°   | 249.5 | 249.7  | 249.9 | 250.2 | 250.5 | 250.9 | 251.2 | 251.9 | 252.5 | 253.2 | 253.9 |

TEST NUMBER: P1012531

CATALOG NUMBER: S123RDIP-B340D805UB30-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (continued):**

|        | 200°  | 202.5° | 205°  | 210°  | 215°  | 220°  | 225°  | 230°  | 235°  | 240°  | 245°  |
|--------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 287.0 | 287.1  | 287.1 | 287.1 | 287.1 | 287.1 | 287.1 | 287.9 | 288.8 | 289.6 | 290.5 |
| 115°   | 326.5 | 326.8  | 326.6 | 326.3 | 325.9 | 325.6 | 325.2 | 325.4 | 325.6 | 325.7 | 325.9 |
| 117.5° | 364.1 | 364.2  | 364.0 | 363.7 | 363.3 | 363.0 | 362.6 | 362.6 | 362.6 | 362.6 | 362.6 |
| 120°   | 403.4 | 403.9  | 403.5 | 402.6 | 401.8 | 400.9 | 400.1 | 399.9 | 399.7 | 399.6 | 399.4 |
| 122.5° | 439.5 | 439.8  | 439.6 | 439.3 | 438.9 | 438.6 | 438.2 | 437.7 | 437.2 | 436.7 | 436.2 |
| 125°   | 476.9 | 477.2  | 477.0 | 476.7 | 476.3 | 476.0 | 475.6 | 474.9 | 474.3 | 473.6 | 472.9 |
| 127.5° | 514.1 | 514.6  | 514.4 | 514.1 | 513.8 | 513.4 | 513.1 | 512.1 | 511.1 | 510.0 | 509.0 |
| 130°   | 550.5 | 551.2  | 550.9 | 550.4 | 549.9 | 549.4 | 548.9 | 548.2 | 547.6 | 546.9 | 546.2 |
| 132.5° | 585.6 | 586.3  | 586.1 | 585.8 | 585.5 | 585.1 | 584.8 | 584.0 | 583.1 | 582.3 | 581.4 |
| 135°   | 620.2 | 620.7  | 620.6 | 620.4 | 620.3 | 620.1 | 619.9 | 619.2 | 618.6 | 617.9 | 617.2 |
| 137.5° | 652.4 | 652.8  | 653.1 | 653.6 | 654.1 | 654.6 | 655.1 | 654.2 | 653.4 | 652.5 | 651.6 |
| 140°   | 686.7 | 687.1  | 687.2 | 687.4 | 687.5 | 687.7 | 687.9 | 687.7 | 687.5 | 687.4 | 687.2 |
| 142.5° | 718.0 | 718.4  | 718.6 | 718.9 | 719.3 | 719.6 | 720.0 | 719.8 | 719.6 | 719.5 | 719.3 |
| 145°   | 748.8 | 749.0  | 749.3 | 749.8 | 750.3 | 750.8 | 751.3 | 751.1 | 750.9 | 750.8 | 750.6 |
| 147.5° | 778.4 | 778.7  | 779.0 | 779.5 | 780.0 | 780.5 | 781.0 | 781.0 | 781.0 | 781.0 | 781.0 |
| 150°   | 806.8 | 807.0  | 807.2 | 807.5 | 807.8 | 808.2 | 808.5 | 808.5 | 808.5 | 808.5 | 808.5 |
| 152.5° | 831.9 | 832.2  | 832.3 | 832.4 | 832.6 | 832.7 | 832.9 | 833.3 | 833.6 | 834.0 | 834.3 |
| 155°   | 855.8 | 855.8  | 855.9 | 856.1 | 856.2 | 856.4 | 856.6 | 857.3 | 858.0 | 858.7 | 859.4 |
| 157.5° | 877.3 | 877.2  | 877.3 | 877.5 | 877.6 | 877.8 | 878.0 | 878.7 | 879.3 | 880.0 | 880.7 |
| 160°   | 897.3 | 897.1  | 897.1 | 897.1 | 897.1 | 897.1 | 897.1 | 897.9 | 898.8 | 899.6 | 900.5 |
| 162.5° | 914.9 | 914.6  | 914.7 | 914.9 | 915.0 | 915.2 | 915.4 | 916.2 | 917.1 | 917.9 | 918.8 |
| 165°   | 930.2 | 929.9  | 929.9 | 929.9 | 929.9 | 929.9 | 929.9 | 930.9 | 931.9 | 933.0 | 934.0 |
| 167.5° | 942.4 | 942.1  | 942.2 | 942.4 | 942.5 | 942.7 | 942.9 | 943.9 | 944.9 | 946.0 | 947.0 |
| 170°   | 953.1 | 952.8  | 952.8 | 952.8 | 952.8 | 952.8 | 952.8 | 954.0 | 955.2 | 956.4 | 957.6 |
| 172.5° | 961.5 | 961.2  | 961.2 | 961.2 | 961.2 | 961.2 | 961.2 | 962.2 | 963.2 | 964.3 | 965.3 |
| 175°   | 966.9 | 966.6  | 966.6 | 966.6 | 966.6 | 966.6 | 966.6 | 967.6 | 968.6 | 969.6 | 970.6 |
| 177.5° | 969.9 | 969.6  | 969.6 | 969.6 | 969.6 | 969.6 | 969.6 | 970.6 | 971.6 | 972.7 | 973.7 |
| 180°   | 971.9 | 971.9  | 971.9 | 971.9 | 971.9 | 971.9 | 971.9 | 971.9 | 971.9 | 971.9 | 971.9 |

TEST NUMBER: P1012531

CATALOG NUMBER: S123RDIP-B340D805UB30-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°  | 255°  | 260°  | 265°  | 270°  | 275°  | 280°  | 285°  | 290°  | 292.5° |
|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 0°     | 529.7  | 529.7 | 529.7 | 529.7 | 529.7 | 529.7 | 529.7 | 529.7 | 529.7 | 529.7 | 529.7  |
| 2.5°   | 500.7  | 501.1 | 499.8 | 497.1 | 496.6 | 497.5 | 500.2 | 499.3 | 497.1 | 501.1 | 497.5  |
| 5°     | 473.0  | 470.7 | 469.8 | 470.7 | 468.0 | 466.7 | 469.4 | 468.0 | 469.4 | 469.8 | 471.2  |
| 7.5°   | 446.3  | 446.7 | 444.0 | 444.4 | 440.8 | 441.7 | 441.7 | 441.7 | 443.1 | 444.0 | 445.8  |
| 10°    | 423.1  | 424.0 | 420.9 | 421.3 | 418.6 | 416.8 | 418.1 | 420.9 | 420.9 | 420.9 | 421.8  |
| 12.5°  | 404.5  | 400.5 | 398.2 | 397.7 | 394.6 | 393.7 | 396.4 | 397.3 | 399.5 | 399.5 | 400.9  |
| 15°    | 381.4  | 380.5 | 378.7 | 378.7 | 371.0 | 372.8 | 373.7 | 376.9 | 381.4 | 377.8 | 378.7  |
| 17.5°  | 360.5  | 358.3 | 356.0 | 355.1 | 354.2 | 351.5 | 355.1 | 354.6 | 357.4 | 357.8 | 359.2  |
| 20°    | 342.0  | 340.1 | 335.6 | 336.1 | 337.0 | 332.9 | 335.1 | 335.1 | 337.9 | 340.6 | 343.8  |
| 22.5°  | 323.8  | 322.0 | 319.7 | 320.6 | 317.9 | 317.0 | 317.0 | 319.3 | 322.5 | 324.7 | 324.3  |
| 25°    | 309.8  | 306.6 | 305.2 | 303.9 | 302.5 | 303.4 | 302.0 | 304.3 | 306.6 | 307.9 | 306.6  |
| 27.5°  | 293.9  | 292.5 | 289.8 | 288.4 | 286.2 | 287.1 | 288.0 | 289.8 | 291.2 | 291.2 | 292.5  |
| 30°    | 278.5  | 276.6 | 275.7 | 274.4 | 274.4 | 272.6 | 273.0 | 274.8 | 276.2 | 277.6 | 279.4  |
| 32.5°  | 263.5  | 262.1 | 260.8 | 260.8 | 259.9 | 259.4 | 259.0 | 261.7 | 261.7 | 264.4 | 264.4  |
| 35°    | 251.2  | 249.0 | 249.0 | 246.7 | 247.6 | 247.2 | 246.3 | 248.1 | 248.5 | 250.3 | 249.9  |
| 37.5°  | 237.6  | 237.6 | 236.7 | 234.5 | 232.7 | 233.1 | 235.4 | 235.4 | 236.7 | 236.3 | 237.6  |
| 40°    | 224.0  | 223.1 | 223.1 | 221.8 | 221.3 | 220.9 | 221.3 | 221.8 | 224.0 | 223.6 | 224.0  |
| 42.5°  | 210.4  | 210.9 | 208.6 | 208.6 | 208.6 | 207.3 | 207.7 | 208.2 | 209.1 | 210.0 | 211.3  |
| 45°    | 197.3  | 196.4 | 195.9 | 195.0 | 194.1 | 194.6 | 194.1 | 195.9 | 195.5 | 196.4 | 197.7  |
| 47.5°  | 183.2  | 181.9 | 181.4 | 179.6 | 179.6 | 180.5 | 180.0 | 181.4 | 181.9 | 183.2 | 182.3  |
| 50°    | 169.6  | 167.8 | 166.4 | 166.9 | 164.2 | 165.1 | 165.1 | 166.4 | 167.8 | 168.3 | 169.2  |
| 52.5°  | 153.7  | 153.3 | 152.8 | 150.6 | 150.1 | 149.7 | 150.1 | 150.6 | 152.4 | 153.7 | 154.2  |
| 55°    | 138.3  | 137.9 | 135.1 | 134.2 | 132.9 | 132.9 | 133.8 | 134.2 | 137.4 | 137.9 | 139.7  |
| 57.5°  | 124.3  | 122.9 | 119.7 | 119.3 | 119.3 | 119.3 | 117.9 | 119.7 | 120.6 | 122.9 | 122.9  |
| 60°    | 108.8  | 108.8 | 106.1 | 106.1 | 106.6 | 106.1 | 106.1 | 106.6 | 106.6 | 108.4 | 109.3  |
| 62.5°  | 96.6   | 96.1  | 96.1  | 95.2  | 94.8  | 95.2  | 94.8  | 94.8  | 95.2  | 96.6  | 98.0   |
| 65°    | 85.7   | 85.3  | 84.8  | 84.4  | 83.4  | 83.4  | 83.9  | 84.8  | 84.8  | 85.7  | 86.2   |
| 67.5°  | 75.3   | 75.3  | 74.4  | 74.4  | 73.9  | 73.5  | 73.9  | 73.5  | 75.3  | 75.3  | 75.7   |
| 70°    | 64.9   | 64.4  | 63.0  | 62.6  | 61.2  | 61.7  | 61.7  | 63.0  | 63.5  | 64.4  | 65.3   |
| 72.5°  | 52.2   | 52.2  | 51.2  | 50.3  | 50.8  | 49.9  | 49.9  | 50.3  | 50.3  | 51.7  | 52.2   |
| 75°    | 43.1   | 42.2  | 41.7  | 42.2  | 41.7  | 42.6  | 41.7  | 41.7  | 42.6  | 42.6  | 42.6   |
| 77.5°  | 35.4   | 35.4  | 34.9  | 34.9  | 35.4  | 34.9  | 35.4  | 35.4  | 35.4  | 34.9  | 35.4   |
| 80°    | 29.0   | 28.6  | 28.6  | 28.6  | 28.1  | 28.1  | 28.1  | 28.1  | 28.1  | 28.1  | 28.1   |
| 82.5°  | 21.8   | 21.8  | 21.3  | 21.8  | 21.8  | 21.3  | 21.8  | 21.3  | 21.3  | 21.8  | 21.8   |
| 85°    | 14.5   | 15.4  | 14.5  | 14.5  | 15.0  | 15.0  | 15.4  | 15.0  | 15.4  | 14.5  | 15.0   |
| 87.5°  | 7.7    | 8.2   | 8.2   | 7.7   | 7.7   | 8.2   | 8.2   | 8.2   | 8.6   | 7.7   | 8.2    |
| 90°    | 21.4   | 21.6  | 21.9  | 22.2  | 22.6  | 22.9  | 22.6  | 22.2  | 21.9  | 21.6  | 21.4   |
| 92.5°  | 34.4   | 34.2  | 33.9  | 33.5  | 33.2  | 32.8  | 33.2  | 33.5  | 33.9  | 34.2  | 34.4   |
| 95°    | 59.6   | 59.6  | 59.6  | 59.6  | 59.6  | 59.6  | 59.6  | 59.6  | 59.6  | 59.6  | 59.6   |
| 97.5°  | 86.3   | 86.2  | 86.0  | 85.9  | 85.7  | 85.5  | 85.7  | 85.9  | 86.0  | 86.2  | 86.3   |
| 100°   | 114.5  | 114.7 | 115.0 | 115.3 | 115.7 | 116.0 | 115.7 | 115.3 | 115.0 | 114.7 | 114.5  |
| 102.5° | 148.1  | 148.0 | 147.8 | 147.7 | 147.5 | 147.3 | 147.5 | 147.7 | 147.8 | 148.0 | 148.1  |
| 105°   | 180.2  | 180.4 | 180.7 | 181.0 | 181.4 | 181.7 | 181.4 | 181.0 | 180.7 | 180.4 | 180.2  |
| 107.5° | 217.6  | 217.5 | 217.3 | 217.2 | 217.0 | 216.8 | 217.0 | 217.2 | 217.3 | 217.5 | 217.6  |
| 110°   | 254.2  | 254.0 | 253.7 | 253.4 | 253.0 | 252.7 | 253.0 | 253.4 | 253.7 | 254.0 | 254.2  |

TEST NUMBER: P1012531

CATALOG NUMBER: S123RDIP-B340D805UB30-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°  | 255°  | 260°  | 265°  | 270°  | 275°  | 280°  | 285°  | 290°  | 292.5° |
|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 112.5° | 290.9  | 290.9 | 290.9 | 290.9 | 290.9 | 290.9 | 290.9 | 290.9 | 290.9 | 290.9 | 290.9  |
| 115°   | 326.0  | 325.9 | 325.7 | 325.6 | 325.4 | 325.2 | 325.4 | 325.6 | 325.7 | 325.9 | 326.0  |
| 117.5° | 362.6  | 362.4 | 361.9 | 361.4 | 360.9 | 360.4 | 360.9 | 361.4 | 361.9 | 362.4 | 362.6  |
| 120°   | 399.3  | 399.1 | 398.8 | 398.5 | 398.1 | 397.8 | 398.1 | 398.5 | 398.8 | 399.1 | 399.3  |
| 122.5° | 435.9  | 435.7 | 435.2 | 434.7 | 434.2 | 433.7 | 434.2 | 434.7 | 435.2 | 435.7 | 435.9  |
| 125°   | 472.6  | 472.3 | 471.6 | 470.9 | 470.2 | 469.5 | 470.2 | 470.9 | 471.6 | 472.3 | 472.6  |
| 127.5° | 508.5  | 508.2 | 507.5 | 506.8 | 506.1 | 505.4 | 506.1 | 506.8 | 507.5 | 508.2 | 508.5  |
| 130°   | 545.9  | 545.3 | 544.1 | 542.9 | 541.7 | 540.5 | 541.7 | 542.9 | 544.1 | 545.3 | 545.9  |
| 132.5° | 581.0  | 580.6 | 579.7 | 578.9 | 578.0 | 577.2 | 578.0 | 578.9 | 579.7 | 580.6 | 581.0  |
| 135°   | 616.9  | 616.7 | 616.4 | 616.1 | 615.7 | 615.4 | 615.7 | 616.1 | 616.4 | 616.7 | 616.9  |
| 137.5° | 651.2  | 650.9 | 650.4 | 649.9 | 649.4 | 648.9 | 649.4 | 649.9 | 650.4 | 650.9 | 651.2  |
| 140°   | 687.1  | 686.5 | 685.3 | 684.2 | 683.0 | 681.8 | 683.0 | 684.2 | 685.3 | 686.5 | 687.1  |
| 142.5° | 719.2  | 718.8 | 717.9 | 717.1 | 716.2 | 715.4 | 716.2 | 717.1 | 717.9 | 718.8 | 719.2  |
| 145°   | 750.5  | 750.2 | 749.5 | 748.8 | 748.1 | 747.4 | 748.1 | 748.8 | 749.5 | 750.2 | 750.5  |
| 147.5° | 781.0  | 780.5 | 779.5 | 778.4 | 777.4 | 776.4 | 777.4 | 778.4 | 779.5 | 780.5 | 781.0  |
| 150°   | 808.5  | 808.0 | 807.0 | 805.9 | 804.9 | 803.9 | 804.9 | 805.9 | 807.0 | 808.0 | 808.5  |
| 152.5° | 834.5  | 834.1 | 833.2 | 832.4 | 831.5 | 830.7 | 831.5 | 832.4 | 833.2 | 834.1 | 834.5  |
| 155°   | 859.7  | 859.1 | 857.9 | 856.7 | 855.5 | 854.3 | 855.5 | 856.7 | 857.9 | 859.1 | 859.7  |
| 157.5° | 881.0  | 880.5 | 879.5 | 878.5 | 877.5 | 876.5 | 877.5 | 878.5 | 879.5 | 880.5 | 881.0  |
| 160°   | 900.9  | 900.6 | 899.9 | 899.2 | 898.5 | 897.8 | 898.5 | 899.2 | 899.9 | 900.6 | 900.9  |
| 162.5° | 919.2  | 918.6 | 917.4 | 916.3 | 915.1 | 913.9 | 915.1 | 916.3 | 917.4 | 918.6 | 919.2  |
| 165°   | 934.5  | 933.9 | 932.7 | 931.5 | 930.3 | 929.1 | 930.3 | 931.5 | 932.7 | 933.9 | 934.5  |
| 167.5° | 947.5  | 947.0 | 946.0 | 944.9 | 943.9 | 942.9 | 943.9 | 944.9 | 946.0 | 947.0 | 947.5  |
| 170°   | 958.2  | 957.6 | 956.4 | 955.2 | 954.0 | 952.8 | 954.0 | 955.2 | 956.4 | 957.6 | 958.2  |
| 172.5° | 965.8  | 965.2 | 964.0 | 962.8 | 961.6 | 960.4 | 961.6 | 962.8 | 964.0 | 965.2 | 965.8  |
| 175°   | 971.1  | 970.5 | 969.3 | 968.2 | 967.0 | 965.8 | 967.0 | 968.2 | 969.3 | 970.5 | 971.1  |
| 177.5° | 974.2  | 973.6 | 972.4 | 971.2 | 970.0 | 968.8 | 970.0 | 971.2 | 972.4 | 973.6 | 974.2  |
| 180°   | 971.9  | 971.9 | 971.9 | 971.9 | 971.9 | 971.9 | 971.9 | 971.9 | 971.9 | 971.9 | 971.9  |

TEST NUMBER: P1012531

CATALOG NUMBER: S123RDIP-B340D805UB30-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (continued):**

|        | 295°  | 300°  | 305°  | 310°  | 315°  | 320°  | 325°  | 330°  | 335°  | 337.5° | 340°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
| 0°     | 529.7 | 529.7 | 529.7 | 529.7 | 529.7 | 529.7 | 529.7 | 529.7 | 529.7 | 529.7  | 529.7 |
| 2.5°   | 501.1 | 502.9 | 501.1 | 497.5 | 501.1 | 503.4 | 505.7 | 509.3 | 511.1 | 511.1  | 513.8 |
| 5°     | 472.6 | 476.2 | 474.8 | 473.9 | 477.6 | 479.8 | 483.4 | 488.0 | 493.0 | 496.1  | 499.8 |
| 7.5°   | 447.2 | 449.4 | 451.7 | 451.7 | 455.3 | 460.3 | 465.8 | 471.2 | 477.6 | 482.1  | 484.8 |
| 10°    | 424.9 | 426.8 | 428.1 | 429.9 | 435.4 | 440.8 | 448.1 | 454.9 | 460.3 | 465.3  | 469.8 |
| 12.5°  | 403.6 | 406.4 | 409.5 | 410.9 | 415.0 | 421.8 | 428.6 | 436.7 | 445.4 | 450.3  | 454.9 |
| 15°    | 383.2 | 384.6 | 388.2 | 392.3 | 395.9 | 403.2 | 411.8 | 420.4 | 427.7 | 435.4  | 439.5 |
| 17.5°  | 362.4 | 362.8 | 372.3 | 370.1 | 381.9 | 388.7 | 393.2 | 401.4 | 413.2 | 419.5  | 425.9 |
| 20°    | 342.0 | 346.5 | 350.6 | 352.8 | 359.2 | 366.9 | 380.0 | 386.4 | 395.9 | 401.8  | 407.3 |
| 22.5°  | 326.1 | 332.9 | 332.9 | 338.3 | 341.5 | 348.8 | 358.3 | 370.5 | 381.0 | 385.0  | 392.7 |
| 25°    | 312.0 | 315.2 | 320.6 | 322.5 | 328.3 | 334.7 | 341.0 | 354.2 | 365.5 | 371.0  | 376.4 |
| 27.5°  | 293.9 | 298.0 | 305.2 | 305.2 | 312.9 | 319.7 | 327.4 | 336.1 | 347.4 | 355.1  | 361.0 |
| 30°    | 279.8 | 283.9 | 287.1 | 292.1 | 295.2 | 301.6 | 315.2 | 321.5 | 331.5 | 338.3  | 345.6 |
| 32.5°  | 266.7 | 269.8 | 272.6 | 278.0 | 281.6 | 288.9 | 296.1 | 307.5 | 316.1 | 322.5  | 330.2 |
| 35°    | 252.2 | 255.3 | 259.0 | 263.0 | 268.5 | 275.3 | 282.1 | 291.6 | 300.2 | 306.1  | 312.5 |
| 37.5°  | 238.5 | 240.8 | 246.3 | 249.0 | 253.5 | 259.9 | 268.5 | 278.5 | 286.2 | 290.7  | 297.1 |
| 40°    | 225.4 | 227.2 | 231.3 | 236.3 | 239.5 | 244.4 | 253.5 | 262.1 | 271.7 | 277.1  | 282.1 |
| 42.5°  | 211.3 | 213.6 | 217.2 | 222.2 | 227.2 | 232.7 | 237.6 | 247.6 | 256.2 | 260.8  | 266.2 |
| 45°    | 199.1 | 200.5 | 203.2 | 208.2 | 213.2 | 217.2 | 224.9 | 234.0 | 242.2 | 245.8  | 251.7 |
| 47.5°  | 184.6 | 185.9 | 190.0 | 192.3 | 197.7 | 203.2 | 210.9 | 220.0 | 227.2 | 230.8  | 236.3 |
| 50°    | 169.6 | 171.0 | 173.7 | 178.7 | 182.3 | 188.2 | 195.0 | 202.7 | 211.8 | 216.8  | 220.0 |
| 52.5°  | 155.1 | 157.8 | 160.1 | 164.2 | 168.7 | 174.6 | 181.0 | 188.2 | 195.9 | 200.9  | 204.5 |
| 55°    | 140.6 | 142.9 | 145.6 | 147.8 | 153.3 | 158.7 | 166.0 | 172.8 | 179.6 | 184.1  | 188.2 |
| 57.5°  | 124.3 | 127.4 | 130.2 | 134.7 | 138.8 | 143.3 | 151.5 | 156.9 | 165.1 | 168.3  | 171.9 |
| 60°    | 110.2 | 113.4 | 115.6 | 119.3 | 122.9 | 128.8 | 134.2 | 141.0 | 147.8 | 151.9  | 156.5 |
| 62.5°  | 98.4  | 99.8  | 101.1 | 104.8 | 108.4 | 113.8 | 119.3 | 126.1 | 133.3 | 135.6  | 139.2 |
| 65°    | 86.6  | 88.0  | 90.2  | 93.4  | 96.1  | 99.3  | 105.2 | 110.7 | 117.5 | 121.1  | 122.4 |
| 67.5°  | 76.6  | 78.0  | 78.5  | 80.7  | 83.0  | 86.6  | 89.8  | 95.2  | 101.6 | 103.9  | 106.6 |
| 70°    | 65.3  | 67.6  | 68.0  | 69.8  | 70.7  | 73.0  | 76.6  | 80.7  | 85.7  | 89.8   | 92.1  |
| 72.5°  | 52.2  | 55.3  | 56.2  | 59.0  | 60.3  | 62.6  | 65.3  | 68.5  | 71.7  | 73.5   | 75.3  |
| 75°    | 42.6  | 43.5  | 44.0  | 46.3  | 48.5  | 51.7  | 53.1  | 54.9  | 57.6  | 59.9   | 61.7  |
| 77.5°  | 35.4  | 35.8  | 36.3  | 36.3  | 36.7  | 38.5  | 41.3  | 43.5  | 45.4  | 46.3   | 47.6  |
| 80°    | 28.6  | 28.1  | 28.1  | 28.6  | 28.6  | 28.6  | 29.5  | 32.7  | 33.6  | 35.8   | 35.4  |
| 82.5°  | 22.2  | 21.3  | 21.8  | 21.3  | 21.3  | 21.3  | 21.3  | 21.8  | 21.8  | 23.1   | 24.0  |
| 85°    | 14.5  | 15.0  | 14.5  | 14.5  | 14.1  | 14.5  | 14.1  | 14.1  | 13.6  | 13.6   | 13.2  |
| 87.5°  | 7.7   | 8.2   | 7.7   | 7.7   | 7.3   | 7.7   | 7.3   | 7.3   | 6.8   | 6.8    | 5.9   |
| 90°    | 21.1  | 20.4  | 19.7  | 19.0  | 18.3  | 16.1  | 13.9  | 11.7  | 9.5   | 8.4    | 7.6   |
| 92.5°  | 34.1  | 33.6  | 33.1  | 32.6  | 32.1  | 31.1  | 30.1  | 29.0  | 28.0  | 27.5   | 27.0  |
| 95°    | 59.3  | 58.6  | 57.9  | 57.2  | 56.5  | 55.1  | 53.8  | 52.4  | 51.1  | 50.4   | 49.8  |
| 97.5°  | 85.9  | 85.0  | 84.2  | 83.3  | 82.5  | 81.5  | 80.5  | 79.4  | 78.4  | 77.9   | 77.5  |
| 100°   | 114.2 | 113.7 | 113.2 | 112.7 | 112.2 | 111.4 | 110.5 | 109.7 | 108.8 | 108.4  | 107.9 |
| 102.5° | 147.8 | 147.3 | 146.8 | 146.3 | 145.8 | 144.6 | 143.4 | 142.3 | 141.1 | 140.5  | 140.2 |
| 105°   | 180.2 | 180.2 | 180.2 | 180.2 | 180.2 | 178.7 | 177.1 | 175.6 | 174.1 | 173.3  | 173.1 |
| 107.5° | 217.3 | 216.8 | 216.3 | 215.8 | 215.3 | 214.6 | 213.9 | 213.2 | 212.5 | 212.2  | 212.1 |
| 110°   | 253.9 | 253.2 | 252.5 | 251.9 | 251.2 | 250.9 | 250.5 | 250.2 | 249.9 | 249.7  | 249.5 |

TEST NUMBER: P1012531

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**CANDELA DISTRIBUTION (continued):**

|        | 295°  | 300°  | 305°  | 310°  | 315°  | 320°  | 325°  | 330°  | 335°  | 337.5° | 340°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
| 112.5° | 290.5 | 289.6 | 288.8 | 287.9 | 287.1 | 287.1 | 287.1 | 287.1 | 287.1 | 287.1  | 287.0 |
| 115°   | 325.9 | 325.7 | 325.6 | 325.4 | 325.2 | 325.6 | 325.9 | 326.3 | 326.6 | 326.8  | 326.5 |
| 117.5° | 362.6 | 362.6 | 362.6 | 362.6 | 362.6 | 363.0 | 363.3 | 363.7 | 364.0 | 364.2  | 364.1 |
| 120°   | 399.4 | 399.6 | 399.7 | 399.9 | 400.1 | 400.9 | 401.8 | 402.6 | 403.5 | 403.9  | 403.4 |
| 122.5° | 436.2 | 436.7 | 437.2 | 437.7 | 438.2 | 438.6 | 438.9 | 439.3 | 439.6 | 439.8  | 439.5 |
| 125°   | 472.9 | 473.6 | 474.3 | 474.9 | 475.6 | 476.0 | 476.3 | 476.7 | 477.0 | 477.2  | 476.9 |
| 127.5° | 509.0 | 510.0 | 511.1 | 512.1 | 513.1 | 513.4 | 513.8 | 514.1 | 514.4 | 514.6  | 514.1 |
| 130°   | 546.2 | 546.9 | 547.6 | 548.2 | 548.9 | 549.4 | 549.9 | 550.4 | 550.9 | 551.2  | 550.5 |
| 132.5° | 581.4 | 582.3 | 583.1 | 584.0 | 584.8 | 585.1 | 585.5 | 585.8 | 586.1 | 586.3  | 585.6 |
| 135°   | 617.2 | 617.9 | 618.6 | 619.2 | 619.9 | 620.1 | 620.3 | 620.4 | 620.6 | 620.7  | 620.2 |
| 137.5° | 651.6 | 652.5 | 653.4 | 654.2 | 655.1 | 654.6 | 654.1 | 653.6 | 653.1 | 652.8  | 652.4 |
| 140°   | 687.2 | 687.4 | 687.5 | 687.7 | 687.9 | 687.7 | 687.5 | 687.4 | 687.2 | 687.1  | 686.7 |
| 142.5° | 719.3 | 719.5 | 719.6 | 719.8 | 720.0 | 719.6 | 719.3 | 718.9 | 718.6 | 718.4  | 718.0 |
| 145°   | 750.6 | 750.8 | 750.9 | 751.1 | 751.3 | 750.8 | 750.3 | 749.8 | 749.3 | 749.0  | 748.8 |
| 147.5° | 781.0 | 781.0 | 781.0 | 781.0 | 781.0 | 780.5 | 780.0 | 779.5 | 779.0 | 778.7  | 778.4 |
| 150°   | 808.5 | 808.5 | 808.5 | 808.5 | 808.5 | 808.2 | 807.8 | 807.5 | 807.2 | 807.0  | 806.8 |
| 152.5° | 834.3 | 834.0 | 833.6 | 833.3 | 832.9 | 832.7 | 832.6 | 832.4 | 832.3 | 832.2  | 831.9 |
| 155°   | 859.4 | 858.7 | 858.0 | 857.3 | 856.6 | 856.4 | 856.2 | 856.1 | 855.9 | 855.8  | 855.8 |
| 157.5° | 880.7 | 880.0 | 879.3 | 878.7 | 878.0 | 877.8 | 877.6 | 877.5 | 877.3 | 877.2  | 877.3 |
| 160°   | 900.5 | 899.6 | 898.8 | 897.9 | 897.1 | 897.1 | 897.1 | 897.1 | 897.1 | 897.1  | 897.3 |
| 162.5° | 918.8 | 917.9 | 917.1 | 916.2 | 915.4 | 915.2 | 915.0 | 914.9 | 914.7 | 914.6  | 914.9 |
| 165°   | 934.0 | 933.0 | 931.9 | 930.9 | 929.9 | 929.9 | 929.9 | 929.9 | 929.9 | 929.9  | 930.2 |
| 167.5° | 947.0 | 946.0 | 944.9 | 943.9 | 942.9 | 942.7 | 942.5 | 942.4 | 942.2 | 942.1  | 942.4 |
| 170°   | 957.6 | 956.4 | 955.2 | 954.0 | 952.8 | 952.8 | 952.8 | 952.8 | 952.8 | 952.8  | 953.1 |
| 172.5° | 965.3 | 964.3 | 963.2 | 962.2 | 961.2 | 961.2 | 961.2 | 961.2 | 961.2 | 961.2  | 961.5 |
| 175°   | 970.6 | 969.6 | 968.6 | 967.6 | 966.6 | 966.6 | 966.6 | 966.6 | 966.6 | 966.6  | 966.9 |
| 177.5° | 973.7 | 972.7 | 971.6 | 970.6 | 969.6 | 969.6 | 969.6 | 969.6 | 969.6 | 969.6  | 969.9 |
| 180°   | 971.9 | 971.9 | 971.9 | 971.9 | 971.9 | 971.9 | 971.9 | 971.9 | 971.9 | 971.9  | 971.9 |

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**CANDELA DISTRIBUTION (continued):**

|        | 345°  | 350°  | 355°  | 360°  |
|--------|-------|-------|-------|-------|
| 0°     | 529.7 | 529.7 | 529.7 | 529.7 |
| 2.5°   | 516.1 | 519.3 | 525.6 | 531.1 |
| 5°     | 505.2 | 510.2 | 519.7 | 529.3 |
| 7.5°   | 492.1 | 499.8 | 512.0 | 525.2 |
| 10°    | 479.4 | 489.3 | 504.3 | 519.7 |
| 12.5°  | 466.7 | 477.1 | 493.0 | 512.9 |
| 15°    | 451.7 | 462.6 | 481.6 | 505.7 |
| 17.5°  | 438.6 | 453.1 | 470.3 | 494.3 |
| 20°    | 424.5 | 435.4 | 457.6 | 483.0 |
| 22.5°  | 406.8 | 424.9 | 445.8 | 472.6 |
| 25°    | 392.7 | 408.6 | 429.5 | 459.9 |
| 27.5°  | 375.5 | 394.1 | 419.5 | 446.3 |
| 30°    | 361.5 | 376.9 | 400.5 | 432.7 |
| 32.5°  | 345.1 | 363.3 | 387.8 | 419.5 |
| 35°    | 330.6 | 346.0 | 369.2 | 401.4 |
| 37.5°  | 313.4 | 330.2 | 356.0 | 384.6 |
| 40°    | 298.4 | 314.7 | 339.2 | 366.0 |
| 42.5°  | 280.3 | 297.5 | 322.0 | 344.7 |
| 45°    | 265.8 | 281.6 | 301.1 | 322.0 |
| 47.5°  | 248.1 | 264.9 | 283.9 | 298.4 |
| 50°    | 232.2 | 247.6 | 262.6 | 274.8 |
| 52.5°  | 215.0 | 229.0 | 242.6 | 251.7 |
| 55°    | 199.1 | 210.0 | 220.9 | 227.2 |
| 57.5°  | 180.5 | 190.9 | 200.0 | 203.6 |
| 60°    | 164.2 | 172.8 | 178.7 | 182.8 |
| 62.5°  | 146.9 | 153.3 | 157.8 | 160.1 |
| 65°    | 130.2 | 134.7 | 137.0 | 139.2 |
| 67.5°  | 112.9 | 117.0 | 118.4 | 121.1 |
| 70°    | 94.8  | 99.3  | 100.2 | 101.6 |
| 72.5°  | 81.2  | 81.2  | 83.0  | 84.8  |
| 75°    | 64.9  | 65.8  | 66.7  | 66.7  |
| 77.5°  | 50.8  | 50.8  | 51.7  | 52.2  |
| 80°    | 37.2  | 37.6  | 37.6  | 37.2  |
| 82.5°  | 25.4  | 26.3  | 25.4  | 24.9  |
| 85°    | 14.1  | 15.9  | 15.0  | 15.0  |
| 87.5°  | 5.9   | 5.9   | 6.8   | 5.9   |
| 90°    | 5.9   | 4.2   | 2.5   | 0.8   |
| 92.5°  | 26.0  | 24.9  | 23.9  | 22.9  |
| 95°    | 48.6  | 47.4  | 46.2  | 45.0  |
| 97.5°  | 76.6  | 75.8  | 74.9  | 74.1  |
| 100°   | 106.9 | 105.8 | 104.8 | 103.8 |
| 102.5° | 139.7 | 139.2 | 138.7 | 138.2 |
| 105°   | 172.8 | 172.5 | 172.1 | 171.8 |
| 107.5° | 212.0 | 211.8 | 211.7 | 211.5 |
| 110°   | 249.2 | 248.8 | 248.5 | 248.1 |



TEST NUMBER: P1012531

CATALOG NUMBER: S123RDIP-B340D805UB30-4F0-XX-W2A-A1

**CANDELA DISTRIBUTION (continued):**

|        | 345°  | 350°  | 355°  | 360°  |
|--------|-------|-------|-------|-------|
| 112.5° | 286.8 | 286.7 | 286.5 | 286.3 |
| 115°   | 326.0 | 325.5 | 325.0 | 324.5 |
| 117.5° | 363.9 | 363.8 | 363.6 | 363.4 |
| 120°   | 402.4 | 401.3 | 400.3 | 399.3 |
| 122.5° | 438.8 | 438.1 | 437.4 | 436.7 |
| 125°   | 476.4 | 475.9 | 475.4 | 474.9 |
| 127.5° | 513.1 | 512.0 | 511.0 | 510.0 |
| 130°   | 549.2 | 547.8 | 546.5 | 545.1 |
| 132.5° | 584.3 | 582.9 | 581.6 | 580.2 |
| 135°   | 619.2 | 618.1 | 617.1 | 616.1 |
| 137.5° | 651.5 | 650.6 | 649.8 | 648.9 |
| 140°   | 685.8 | 685.0 | 684.1 | 683.3 |
| 142.5° | 717.1 | 716.3 | 715.4 | 714.6 |
| 145°   | 748.5 | 748.1 | 747.8 | 747.4 |
| 147.5° | 777.7 | 777.0 | 776.4 | 775.7 |
| 150°   | 806.5 | 806.2 | 805.8 | 805.5 |
| 152.5° | 831.4 | 830.9 | 830.4 | 829.9 |
| 155°   | 855.8 | 855.8 | 855.8 | 855.8 |
| 157.5° | 877.5 | 877.6 | 877.8 | 878.0 |
| 160°   | 897.6 | 897.9 | 898.3 | 898.6 |
| 162.5° | 915.4 | 915.9 | 916.4 | 916.9 |
| 165°   | 930.7 | 931.2 | 931.7 | 932.2 |
| 167.5° | 943.1 | 943.8 | 944.5 | 945.2 |
| 170°   | 953.8 | 954.5 | 955.2 | 955.9 |
| 172.5° | 962.2 | 962.9 | 963.6 | 964.3 |
| 175°   | 967.6 | 968.3 | 968.9 | 969.6 |
| 177.5° | 970.6 | 971.3 | 972.0 | 972.7 |
| 180°   | 971.9 | 971.9 | 971.9 | 971.9 |

(END OF REPORT)