

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: P1037533

Luminaire Tested: S123RDS-B340DB35-4F0-XX-W2A-A

Issue Date: 5/2/2025

**Test Information**

Test Method: LM-79-2019  
Report Number: P1037533  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1802-639-30)  
Test Lab: INNOVATION CENTER  
Issue Date: 5/2/2025  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: NEO-RAY  
Catalog Number: S123RDS-B340DB35-4F0-XX-W2A-A  
Description: Define 3 Regressed Direct Surface with 3500K BioUP LEDs {m-DER=0.721} {m-EER=0.792}  
Light Source: -  
Ballast/Driver: -

**Summary**

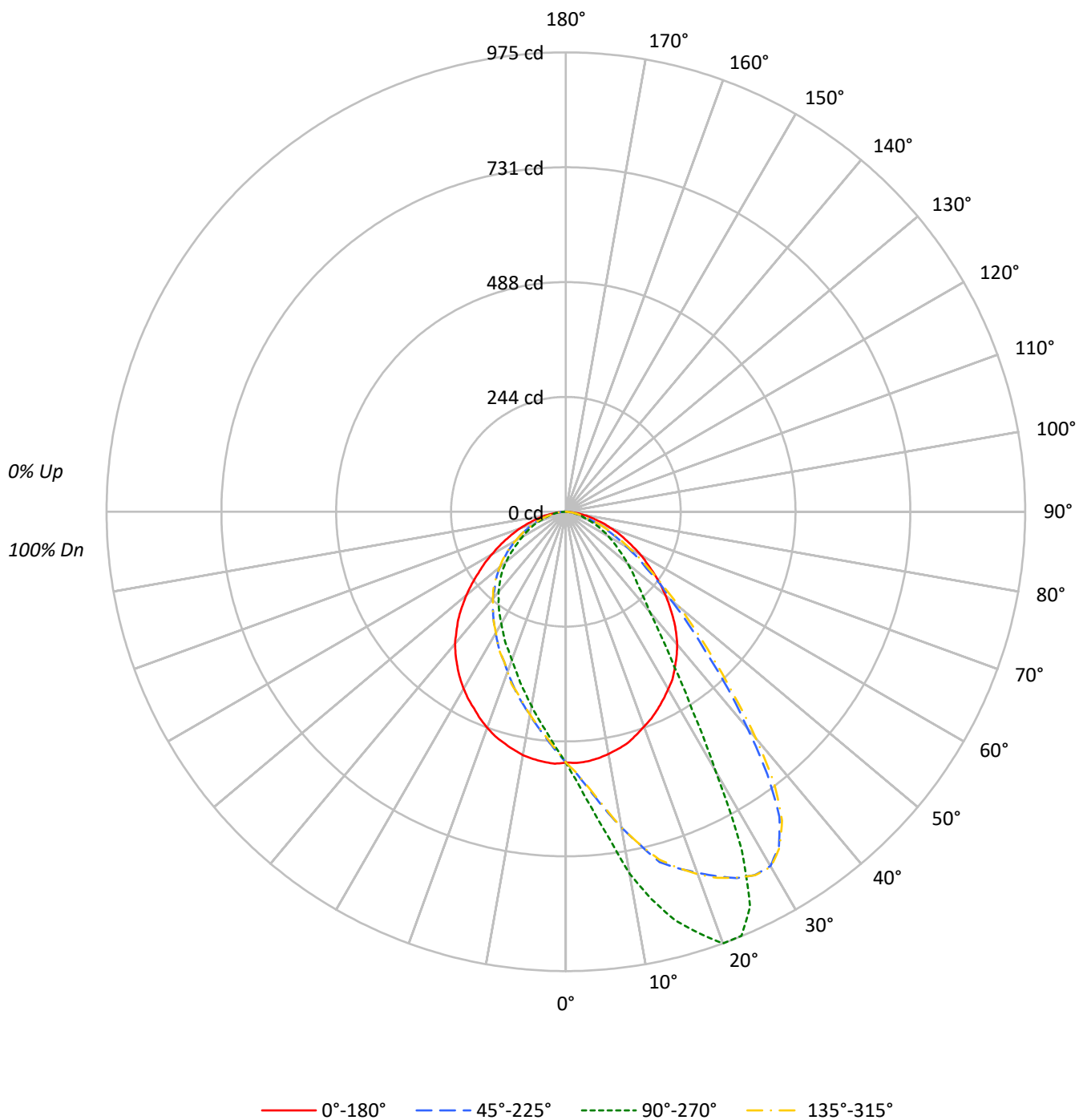
Lumens per Lamp: N/A  
Luminaire Lumens: 1325.0 lumens  
Efficiency: N/A  
Efficacy: 101.9 lumens/watt  
Spacing Criteria (0/90/45): 1.22 / 1.2 / 1.34  
Luminous Opening: Rectangular (W 0.25' x L: 4' x H: 0')  
CIE Type: Direct

Input Watts (W): 13  
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: P1037533

CATALOG NUMBER: S123RDS-B340DB35-4F0-XX-W2A-A

### Luminous Intensity Polar Plot



TEST NUMBER: P1037533

CATALOG NUMBER: S123RDS-B340DB35-4F0-XX-W2A-A

**COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:**

|     |     |     |     |     |     |     |     |     |     |     |     |  |     |     |     |  |     |     |     |     |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--|-----|-----|-----|--|-----|-----|-----|-----|
| RF  | 20  |     |     |     | 20  |     |     |     | 20  |     |     |  | 20  |     |     |  | 20  |     |     |     |
| RC  | 80  |     |     |     | 70  |     |     |     | 50  |     |     |  | 30  |     |     |  | 10  |     |     | 0   |
| RW  | 70  | 50  | 30  | 10  | 70  | 50  | 30  | 10  | 50  | 30  | 10  |  | 50  | 30  | 10  |  | 50  | 30  | 10  | 0   |
| RCR |     |     |     |     |     |     |     |     |     |     |     |  |     |     |     |  |     |     |     |     |
| 0   | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 111 | 111 | 111 |  | 106 | 106 | 106 |  | 102 | 102 | 102 | 100 |
| 1   | 110 | 106 | 102 | 99  | 108 | 104 | 100 | 97  | 100 | 97  | 94  |  | 96  | 93  | 91  |  | 92  | 90  | 89  | 87  |
| 2   | 101 | 94  | 88  | 83  | 99  | 92  | 87  | 82  | 89  | 84  | 80  |  | 86  | 82  | 78  |  | 83  | 79  | 77  | 74  |
| 3   | 93  | 84  | 76  | 71  | 91  | 82  | 75  | 70  | 79  | 74  | 69  |  | 77  | 72  | 68  |  | 74  | 70  | 66  | 64  |
| 4   | 86  | 75  | 67  | 61  | 84  | 74  | 66  | 61  | 71  | 65  | 60  |  | 69  | 64  | 59  |  | 67  | 62  | 58  | 56  |
| 5   | 80  | 68  | 60  | 53  | 78  | 67  | 59  | 53  | 65  | 58  | 53  |  | 63  | 57  | 52  |  | 61  | 56  | 52  | 50  |
| 6   | 74  | 62  | 53  | 47  | 72  | 61  | 53  | 47  | 59  | 52  | 47  |  | 57  | 51  | 46  |  | 56  | 50  | 46  | 44  |
| 7   | 69  | 56  | 48  | 42  | 67  | 55  | 48  | 42  | 54  | 47  | 42  |  | 53  | 46  | 42  |  | 51  | 46  | 41  | 39  |
| 8   | 64  | 52  | 44  | 38  | 63  | 51  | 43  | 38  | 50  | 43  | 38  |  | 48  | 42  | 38  |  | 47  | 42  | 37  | 36  |
| 9   | 60  | 48  | 40  | 35  | 59  | 47  | 40  | 35  | 46  | 39  | 34  |  | 45  | 39  | 34  |  | 44  | 38  | 34  | 32  |
| 10  | 57  | 44  | 37  | 32  | 55  | 44  | 36  | 32  | 43  | 36  | 31  |  | 42  | 36  | 31  |  | 41  | 35  | 31  | 29  |

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

|     | 0°   | 90°   | 180° | 270° |
|-----|------|-------|------|------|
| 0°  | 5727 | 5727  | 5727 | 5727 |
| 5°  | 5745 | 6828  | 5759 | 5065 |
| 10° | 5707 | 8525  | 5732 | 4576 |
| 15° | 5661 | 10006 | 5661 | 4173 |
| 20° | 5558 | 11167 | 5589 | 3830 |
| 25° | 5487 | 10989 | 5475 | 3620 |
| 30° | 5402 | 7899  | 5391 | 3403 |
| 35° | 5298 | 5275  | 5275 | 3263 |
| 40° | 5167 | 3885  | 5140 | 3118 |
| 45° | 4924 | 3259  | 4917 | 2974 |
| 50° | 4623 | 2877  | 4608 | 2776 |
| 55° | 4282 | 2522  | 4249 | 2505 |
| 60° | 3953 | 2245  | 3914 | 2295 |
| 65° | 3563 | 1971  | 3586 | 2134 |
| 70° | 3210 | 1548  | 3298 | 1951 |
| 75° | 2786 | 1364  | 2899 | 1780 |
| 80° | 2318 | 1184  | 2510 | 1748 |
| 85° | 1853 | 951   | 2025 | 1853 |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 30°

Vertical Angle: 45°

Luminance: 9342 cd/sqm

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 52.3   | 3.9       |
| 10°-20°   | 163.6  | 12.3      |
| 20°-30°   | 257.6  | 19.4      |
| 30°-40°   | 267.9  | 20.2      |
| 40°-50°   | 229.2  | 17.3      |
| 50°-60°   | 174.7  | 13.2      |
| 60°-70°   | 111.9  | 8.4       |
| 70°-80°   | 53.6   | 4.0       |
| 80°-90°   | 14.1   | 1.1       |
| 90°-100°  | 0.0    | 0.0       |
| 100°-110° | 0.0    | 0.0       |
| 110°-120° | 0.0    | 0.0       |
| 120°-130° | 0.0    | 0.0       |
| 130°-140° | 0.0    | 0.0       |
| 140°-150° | 0.0    | 0.0       |
| 150°-160° | 0.0    | 0.0       |
| 160°-170° | 0.0    | 0.0       |
| 170°-180° | 0.0    | 0.0       |
| 0°-30°    | 473.5  | 35.7      |
| 0°-40°    | 741.4  | 56.0      |
| 0°-60°    | 1145.3 | 86.4      |
| 0°-90°    | 1325.0 | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 1325.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°  | 90° | 180° | 270° | 360° | Flux |
|-----|-----|-----|------|------|------|------|
| 0°  | 532 | 532 | 532  | 532  | 532  |      |
| 5°  | 532 | 632 | 533  | 469  | 532  | 50   |
| 15° | 508 | 898 | 508  | 374  | 508  | 143  |
| 25° | 462 | 925 | 461  | 305  | 462  | 213  |
| 35° | 403 | 401 | 401  | 248  | 403  | 252  |
| 45° | 324 | 214 | 323  | 195  | 324  | 249  |
| 55° | 228 | 134 | 226  | 134  | 228  | 205  |
| 65° | 140 | 77  | 141  | 84   | 140  | 140  |
| 75° | 67  | 33  | 70   | 43   | 67   | 72   |
| 85° | 15  | 8   | 16   | 15   | 15   | 18   |
| 90° | 0   | 0   | 0    | 0    | 0    |      |

TEST NUMBER: P1037533

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**CANDELA DISTRIBUTION (FULL):**

|       | 0°    | 5°    | 10°   | 15°   | 20°   | 22.5° | 25°   | 30°   | 35°   | 40°   | 45°   |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°    | 532.1 | 532.1 | 532.1 | 532.1 | 532.1 | 532.1 | 532.1 | 532.1 | 532.1 | 532.1 | 532.1 |
| 2.5°  | 533.5 | 537.1 | 539.9 | 541.7 | 546.2 | 549.0 | 551.3 | 555.4 | 555.4 | 556.3 | 558.1 |
| 5°    | 531.7 | 539.4 | 544.9 | 552.2 | 561.7 | 566.3 | 572.7 | 578.1 | 585.9 | 590.0 | 594.1 |
| 7.5°  | 527.6 | 538.5 | 549.9 | 560.8 | 574.9 | 584.1 | 590.4 | 604.6 | 614.6 | 626.9 | 636.4 |
| 10°   | 522.1 | 537.1 | 551.7 | 568.6 | 587.7 | 601.4 | 610.9 | 629.6 | 648.7 | 666.1 | 680.6 |
| 12.5° | 515.3 | 533.5 | 554.4 | 574.9 | 601.8 | 615.5 | 631.0 | 654.2 | 681.5 | 703.4 | 723.0 |
| 15°   | 508.0 | 528.9 | 552.6 | 577.7 | 611.4 | 630.5 | 652.8 | 681.1 | 711.6 | 743.0 | 769.9 |
| 17.5° | 496.6 | 523.0 | 549.4 | 585.9 | 625.5 | 636.9 | 656.0 | 694.8 | 732.6 | 760.8 | 793.6 |
| 20°   | 485.2 | 514.8 | 548.1 | 580.9 | 623.7 | 650.1 | 667.9 | 708.9 | 749.4 | 783.6 | 815.0 |
| 22.5° | 474.7 | 505.7 | 540.3 | 581.8 | 621.9 | 648.3 | 670.6 | 713.4 | 760.4 | 798.6 | 837.4 |
| 25°   | 462.0 | 495.7 | 533.9 | 573.1 | 621.9 | 641.9 | 666.5 | 716.2 | 765.8 | 810.0 | 857.9 |
| 27.5° | 448.3 | 482.5 | 520.3 | 560.4 | 605.0 | 634.6 | 658.8 | 712.1 | 772.7 | 820.0 | 869.2 |
| 30°   | 434.6 | 469.7 | 506.1 | 542.1 | 592.3 | 620.5 | 648.3 | 707.1 | 776.3 | 830.5 | 868.3 |
| 32.5° | 421.4 | 451.0 | 487.0 | 522.1 | 571.8 | 602.7 | 634.2 | 702.0 | 777.7 | 823.2 | 841.5 |
| 35°   | 403.2 | 434.2 | 463.3 | 500.7 | 550.8 | 581.3 | 618.2 | 701.6 | 771.8 | 800.0 | 790.9 |
| 37.5° | 386.3 | 412.3 | 440.1 | 473.3 | 524.8 | 564.5 | 602.7 | 689.7 | 752.2 | 754.0 | 702.5 |
| 40°   | 367.7 | 389.1 | 412.3 | 447.4 | 503.0 | 542.1 | 583.6 | 671.5 | 716.6 | 689.7 | 599.1 |
| 42.5° | 346.2 | 365.4 | 383.6 | 417.8 | 478.4 | 522.1 | 566.7 | 648.7 | 665.1 | 603.2 | 508.9 |
| 45°   | 323.5 | 339.0 | 355.8 | 391.8 | 452.4 | 495.7 | 540.3 | 613.7 | 596.8 | 509.3 | 419.6 |
| 47.5° | 299.8 | 313.0 | 329.4 | 362.2 | 424.6 | 468.8 | 511.2 | 563.6 | 520.7 | 426.9 | 351.7 |
| 50°   | 276.1 | 286.6 | 302.5 | 336.2 | 396.4 | 436.4 | 475.6 | 509.8 | 449.7 | 366.3 | 290.7 |
| 52.5° | 252.8 | 261.0 | 277.4 | 306.1 | 364.5 | 402.7 | 431.0 | 444.2 | 383.1 | 302.5 | 252.4 |
| 55°   | 228.2 | 237.4 | 248.3 | 277.4 | 335.3 | 363.6 | 382.2 | 381.8 | 318.9 | 256.5 | 208.7 |
| 57.5° | 204.6 | 212.8 | 222.3 | 251.5 | 298.4 | 317.5 | 333.5 | 325.7 | 266.1 | 210.0 | 179.0 |
| 60°   | 183.6 | 188.2 | 198.6 | 223.2 | 258.8 | 275.2 | 284.3 | 271.1 | 217.3 | 177.2 | 148.1 |
| 62.5° | 160.8 | 165.4 | 174.0 | 197.3 | 219.1 | 227.8 | 235.5 | 218.7 | 179.5 | 144.4 | 126.7 |
| 65°   | 139.9 | 145.8 | 151.3 | 169.9 | 181.8 | 192.3 | 191.3 | 177.2 | 140.3 | 117.5 | 103.0 |
| 67.5° | 121.6 | 123.9 | 128.5 | 139.9 | 145.3 | 153.1 | 153.5 | 137.6 | 113.0 | 95.7  | 87.0  |
| 70°   | 102.0 | 104.3 | 107.5 | 113.0 | 116.6 | 118.5 | 117.5 | 103.4 | 85.2  | 74.7  | 67.0  |
| 72.5° | 85.2  | 84.7  | 87.0  | 87.0  | 90.7  | 90.2  | 87.5  | 76.5  | 64.7  | 56.0  | 51.5  |
| 75°   | 67.0  | 67.4  | 67.9  | 67.0  | 65.6  | 63.8  | 61.5  | 53.3  | 45.6  | 41.5  | 37.4  |
| 77.5° | 52.4  | 51.5  | 51.9  | 48.7  | 46.9  | 45.1  | 41.9  | 37.8  | 31.4  | 30.5  | 28.7  |
| 80°   | 37.4  | 36.9  | 36.4  | 35.1  | 31.0  | 29.2  | 26.9  | 24.6  | 23.2  | 22.3  | 21.9  |
| 82.5° | 25.1  | 25.1  | 24.1  | 21.4  | 19.1  | 17.8  | 17.3  | 16.4  | 15.0  | 15.0  | 14.6  |
| 85°   | 15.0  | 14.6  | 13.7  | 10.9  | 9.6   | 9.6   | 9.6   | 9.6   | 8.7   | 8.7   | 8.2   |
| 87.5° | 5.9   | 5.5   | 4.1   | 4.1   | 3.6   | 3.6   | 3.6   | 3.2   | 3.2   | 2.7   | 2.7   |
| 90°   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |

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**CANDELA DISTRIBUTION (continued):**

|       | 50°   | 55°   | 60°   | 65°   | 67.5° | 70°   | 75°   | 80°   | 85°   | 90°   | 95°   |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°    | 532.1 | 532.1 | 532.1 | 532.1 | 532.1 | 532.1 | 532.1 | 532.1 | 532.1 | 532.1 | 532.1 |
| 2.5°  | 561.7 | 561.7 | 565.8 | 569.9 | 567.7 | 569.0 | 574.0 | 572.2 | 575.9 | 575.4 | 576.8 |
| 5°    | 604.1 | 609.1 | 613.2 | 621.9 | 623.2 | 621.9 | 630.5 | 632.8 | 636.9 | 631.9 | 634.2 |
| 7.5°  | 651.9 | 662.4 | 672.4 | 685.2 | 689.3 | 690.2 | 694.8 | 701.1 | 706.6 | 696.6 | 701.6 |
| 10°   | 698.4 | 714.3 | 734.8 | 746.2 | 756.3 | 759.9 | 763.6 | 767.7 | 774.0 | 780.0 | 775.4 |
| 12.5° | 748.5 | 771.8 | 791.3 | 811.8 | 824.1 | 822.8 | 833.3 | 836.0 | 841.0 | 842.4 | 844.2 |
| 15°   | 789.5 | 822.3 | 834.6 | 865.1 | 867.9 | 877.0 | 888.8 | 899.3 | 900.7 | 897.9 | 897.9 |
| 17.5° | 828.7 | 856.9 | 878.8 | 903.4 | 908.4 | 916.2 | 931.2 | 936.2 | 938.0 | 937.6 | 937.6 |
| 20°   | 860.6 | 879.3 | 916.2 | 936.7 | 944.9 | 954.9 | 965.4 | 971.8 | 973.1 | 974.9 | 972.2 |
| 22.5° | 881.5 | 909.8 | 939.9 | 956.7 | 963.6 | 967.2 | 974.0 | 975.9 | 973.6 | 974.0 | 974.5 |
| 25°   | 897.9 | 925.7 | 944.0 | 948.5 | 948.1 | 943.5 | 938.5 | 929.8 | 928.9 | 925.3 | 918.0 |
| 27.5° | 902.5 | 913.0 | 910.7 | 892.0 | 873.3 | 871.5 | 841.5 | 825.1 | 806.4 | 809.1 | 798.6 |
| 30°   | 877.9 | 864.2 | 831.9 | 784.5 | 764.9 | 733.0 | 699.3 | 664.2 | 650.6 | 635.5 | 663.3 |
| 32.5° | 817.8 | 769.0 | 711.6 | 650.1 | 617.3 | 589.1 | 553.1 | 527.6 | 513.0 | 500.7 | 524.4 |
| 35°   | 727.1 | 651.0 | 574.9 | 516.6 | 489.7 | 464.2 | 430.5 | 417.8 | 399.5 | 401.4 | 403.6 |
| 37.5° | 610.5 | 526.6 | 469.2 | 411.8 | 394.1 | 383.6 | 359.0 | 339.4 | 333.0 | 331.2 | 331.2 |
| 40°   | 501.1 | 432.3 | 381.3 | 336.2 | 322.6 | 313.9 | 294.3 | 285.2 | 278.4 | 276.5 | 278.8 |
| 42.5° | 414.6 | 355.8 | 316.2 | 286.1 | 276.5 | 265.6 | 257.4 | 246.0 | 244.6 | 241.5 | 245.6 |
| 45°   | 348.1 | 297.0 | 267.4 | 245.6 | 237.4 | 233.3 | 224.1 | 217.3 | 214.6 | 214.1 | 217.3 |
| 47.5° | 295.2 | 255.6 | 229.6 | 215.9 | 209.6 | 205.5 | 197.7 | 195.0 | 192.3 | 193.2 | 191.8 |
| 50°   | 247.8 | 218.2 | 201.4 | 189.1 | 185.0 | 180.9 | 175.9 | 173.1 | 171.8 | 171.8 | 171.3 |
| 52.5° | 212.8 | 188.2 | 177.2 | 165.8 | 164.0 | 161.7 | 156.3 | 154.4 | 152.2 | 151.7 | 153.5 |
| 55°   | 182.2 | 165.4 | 154.4 | 147.6 | 145.8 | 141.2 | 139.0 | 136.7 | 135.3 | 134.4 | 134.9 |
| 57.5° | 155.8 | 143.1 | 135.8 | 129.8 | 126.7 | 124.8 | 120.7 | 120.3 | 119.4 | 119.4 | 118.9 |
| 60°   | 133.9 | 124.8 | 116.2 | 112.5 | 110.3 | 108.0 | 107.5 | 104.8 | 103.4 | 104.3 | 103.9 |
| 62.5° | 113.4 | 106.1 | 101.1 | 97.0  | 95.7  | 93.8  | 92.5  | 91.6  | 90.2  | 90.7  | 90.7  |
| 65°   | 94.8  | 88.8  | 85.2  | 81.5  | 81.1  | 79.3  | 78.8  | 77.9  | 77.9  | 77.4  | 78.4  |
| 67.5° | 77.9  | 73.8  | 70.6  | 68.3  | 67.0  | 67.4  | 65.6  | 64.2  | 64.2  | 63.8  | 65.1  |
| 70°   | 62.0  | 59.7  | 56.5  | 53.8  | 51.9  | 51.9  | 49.7  | 49.2  | 49.2  | 49.2  | 48.7  |
| 72.5° | 47.8  | 43.7  | 42.4  | 41.5  | 41.5  | 41.5  | 40.5  | 40.5  | 40.1  | 40.5  | 40.1  |
| 75°   | 35.5  | 35.1  | 34.2  | 33.7  | 33.7  | 33.3  | 32.8  | 32.8  | 32.8  | 32.8  | 32.8  |
| 77.5° | 27.8  | 27.8  | 26.9  | 26.4  | 26.4  | 26.4  | 26.0  | 26.0  | 25.5  | 25.5  | 25.5  |
| 80°   | 20.5  | 20.5  | 19.6  | 19.6  | 19.6  | 19.1  | 19.1  | 19.1  | 19.6  | 19.1  | 19.1  |
| 82.5° | 14.1  | 14.1  | 13.7  | 14.1  | 13.7  | 13.2  | 13.2  | 13.2  | 12.8  | 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°   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |

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**CANDELA DISTRIBUTION (continued):**

|       | 100°  | 105°  | 110°  | 112.5° | 115°  | 120°  | 125°  | 130°  | 135°  | 140°  | 145°  |
|-------|-------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|
| 0°    | 532.1 | 532.1 | 532.1 | 532.1  | 532.1 | 532.1 | 532.1 | 532.1 | 532.1 | 532.1 | 532.1 |
| 2.5°  | 574.5 | 571.8 | 569.9 | 568.6  | 567.2 | 571.3 | 565.8 | 559.9 | 555.8 | 553.1 | 552.2 |
| 5°    | 634.6 | 628.7 | 623.7 | 619.6  | 620.5 | 620.5 | 610.9 | 600.5 | 591.3 | 586.3 | 580.9 |
| 7.5°  | 704.3 | 697.9 | 687.9 | 685.6  | 683.8 | 672.4 | 662.9 | 643.7 | 632.3 | 621.0 | 610.9 |
| 10°   | 773.6 | 765.4 | 755.8 | 752.6  | 748.1 | 733.9 | 719.4 | 694.8 | 680.6 | 659.7 | 646.5 |
| 12.5° | 838.3 | 828.2 | 818.7 | 816.4  | 809.6 | 797.3 | 772.2 | 746.7 | 722.5 | 700.2 | 677.0 |
| 15°   | 892.5 | 889.7 | 875.2 | 866.1  | 851.0 | 834.2 | 828.7 | 794.1 | 763.6 | 740.3 | 698.4 |
| 17.5° | 938.0 | 925.3 | 911.6 | 905.7  | 899.8 | 880.2 | 860.6 | 825.1 | 792.3 | 758.1 | 731.2 |
| 20°   | 974.5 | 960.4 | 950.8 | 942.1  | 939.4 | 917.1 | 886.1 | 854.7 | 818.7 | 780.4 | 745.3 |
| 22.5° | 976.3 | 974.5 | 968.1 | 963.1  | 957.6 | 943.0 | 918.4 | 879.3 | 841.0 | 799.1 | 753.1 |
| 25°   | 938.5 | 935.8 | 954.0 | 949.4  | 953.1 | 947.6 | 934.4 | 901.6 | 856.9 | 807.7 | 761.3 |
| 27.5° | 824.6 | 852.4 | 881.1 | 891.1  | 897.9 | 917.5 | 923.9 | 905.7 | 869.7 | 817.3 | 765.4 |
| 30°   | 669.7 | 706.6 | 753.1 | 778.1  | 797.3 | 833.7 | 881.1 | 887.0 | 870.2 | 828.2 | 764.5 |
| 32.5° | 525.7 | 559.5 | 596.8 | 626.4  | 651.9 | 726.6 | 790.4 | 836.4 | 844.6 | 822.8 | 766.7 |
| 35°   | 423.7 | 438.3 | 473.8 | 502.0  | 536.7 | 600.5 | 675.6 | 749.9 | 800.0 | 802.7 | 759.9 |
| 37.5° | 349.4 | 357.2 | 388.2 | 404.1  | 424.6 | 480.6 | 550.8 | 647.8 | 725.7 | 762.6 | 740.8 |
| 40°   | 289.3 | 307.1 | 324.8 | 333.9  | 348.5 | 387.2 | 454.7 | 530.7 | 627.3 | 695.7 | 711.2 |
| 42.5° | 251.0 | 258.8 | 270.2 | 282.9  | 292.0 | 325.7 | 370.8 | 440.5 | 527.6 | 622.8 | 665.6 |
| 45°   | 221.4 | 224.1 | 236.0 | 244.2  | 253.8 | 277.4 | 309.3 | 367.7 | 444.2 | 538.0 | 610.9 |
| 47.5° | 196.8 | 202.3 | 208.7 | 213.7  | 220.0 | 238.3 | 265.6 | 308.0 | 375.4 | 459.2 | 537.6 |
| 50°   | 174.9 | 178.1 | 186.3 | 188.6  | 193.2 | 205.9 | 226.9 | 259.2 | 314.8 | 381.8 | 462.9 |
| 52.5° | 154.4 | 160.4 | 163.6 | 166.7  | 170.8 | 181.3 | 195.0 | 221.4 | 263.3 | 326.2 | 395.0 |
| 55°   | 138.5 | 140.3 | 144.9 | 147.6  | 150.8 | 158.1 | 169.9 | 189.5 | 222.3 | 272.4 | 337.6 |
| 57.5° | 123.0 | 123.0 | 127.6 | 129.8  | 133.0 | 138.5 | 149.0 | 164.0 | 187.7 | 225.1 | 284.7 |
| 60°   | 106.6 | 107.1 | 110.7 | 113.4  | 114.4 | 119.8 | 128.5 | 140.3 | 158.5 | 185.9 | 234.6 |
| 62.5° | 92.0  | 94.3  | 96.1  | 97.0   | 100.2 | 103.4 | 110.7 | 118.9 | 131.7 | 155.8 | 190.4 |
| 65°   | 79.7  | 80.2  | 81.5  | 82.5   | 83.8  | 87.5  | 92.9  | 98.4  | 109.3 | 127.1 | 155.4 |
| 67.5° | 65.6  | 67.4  | 69.2  | 69.2   | 70.6  | 72.4  | 77.9  | 82.5  | 90.7  | 101.1 | 120.3 |
| 70°   | 49.2  | 50.1  | 52.8  | 54.2   | 56.0  | 59.2  | 62.0  | 64.7  | 71.1  | 78.8  | 93.4  |
| 72.5° | 41.0  | 41.0  | 41.9  | 42.4   | 42.4  | 44.6  | 48.7  | 51.5  | 54.7  | 60.1  | 70.2  |
| 75°   | 32.8  | 32.8  | 34.2  | 33.7   | 34.6  | 35.5  | 36.0  | 37.8  | 39.6  | 43.7  | 49.7  |
| 77.5° | 26.0  | 26.4  | 26.4  | 26.9   | 26.9  | 27.3  | 27.8  | 28.7  | 29.6  | 31.9  | 34.6  |
| 80°   | 19.1  | 19.6  | 19.6  | 20.0   | 20.0  | 20.5  | 21.0  | 21.4  | 22.3  | 23.2  | 24.6  |
| 82.5° | 13.2  | 13.7  | 13.7  | 14.1   | 13.7  | 14.1  | 14.6  | 14.6  | 15.0  | 15.9  | 16.4  |
| 85°   | 7.7   | 7.7   | 8.2   | 7.7    | 7.7   | 7.7   | 8.2   | 8.2   | 8.7   | 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°   | 0.0   | 0.0   | 0.0   | 0.0    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |

TEST NUMBER: P1037533

CATALOG NUMBER: S123RDS-B340DB35-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|       | 150°  | 155°  | 157.5° | 160°  | 165°  | 170°  | 175°  | 180°  | 185°  | 190°  | 195°  |
|-------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°    | 532.1 | 532.1 | 532.1  | 532.1 | 532.1 | 532.1 | 532.1 | 532.1 | 532.1 | 532.1 | 532.1 |
| 2.5°  | 550.8 | 548.5 | 546.2  | 546.2 | 541.2 | 536.7 | 534.4 | 535.3 | 532.6 | 528.9 | 525.3 |
| 5°    | 574.9 | 565.8 | 564.0  | 559.0 | 552.2 | 542.6 | 537.6 | 533.0 | 527.6 | 520.3 | 513.4 |
| 7.5°  | 597.3 | 585.4 | 579.0  | 574.0 | 560.8 | 547.6 | 536.7 | 529.4 | 519.8 | 508.9 | 500.7 |
| 10°   | 626.4 | 604.6 | 597.7  | 586.3 | 567.7 | 549.0 | 536.2 | 524.4 | 511.2 | 498.4 | 487.5 |
| 12.5° | 649.7 | 624.6 | 611.8  | 600.5 | 576.3 | 552.6 | 531.2 | 516.6 | 500.7 | 486.6 | 472.4 |
| 15°   | 676.1 | 647.8 | 625.5  | 611.8 | 581.3 | 552.6 | 528.5 | 508.0 | 490.2 | 472.9 | 460.6 |
| 17.5° | 688.8 | 653.3 | 643.3  | 623.7 | 579.5 | 550.8 | 521.2 | 499.3 | 477.9 | 457.9 | 443.3 |
| 20°   | 708.9 | 667.4 | 642.4  | 629.2 | 590.0 | 547.6 | 513.0 | 487.9 | 465.6 | 444.2 | 428.7 |
| 22.5° | 710.2 | 665.1 | 648.7  | 623.7 | 575.4 | 538.0 | 505.7 | 475.2 | 449.2 | 429.2 | 413.2 |
| 25°   | 707.1 | 661.0 | 638.3  | 618.2 | 578.1 | 532.6 | 491.1 | 461.0 | 435.5 | 412.3 | 393.6 |
| 27.5° | 705.7 | 649.2 | 627.8  | 607.7 | 562.6 | 516.6 | 482.5 | 448.3 | 419.1 | 398.6 | 379.5 |
| 30°   | 703.9 | 636.4 | 610.5  | 587.2 | 545.8 | 504.3 | 463.3 | 433.7 | 405.9 | 380.0 | 360.8 |
| 32.5° | 692.0 | 619.1 | 592.7  | 568.1 | 523.5 | 482.0 | 449.7 | 418.2 | 388.2 | 364.0 | 346.7 |
| 35°   | 688.4 | 603.2 | 568.6  | 542.1 | 498.4 | 461.5 | 427.3 | 401.4 | 373.1 | 349.0 | 328.5 |
| 37.5° | 677.9 | 586.8 | 549.4  | 515.7 | 470.2 | 435.1 | 410.0 | 384.1 | 356.7 | 330.8 | 314.3 |
| 40°   | 659.7 | 567.7 | 525.3  | 490.7 | 443.7 | 408.2 | 385.0 | 365.8 | 339.0 | 315.7 | 295.7 |
| 42.5° | 632.8 | 548.1 | 502.5  | 466.1 | 414.1 | 380.9 | 361.7 | 343.5 | 320.7 | 296.6 | 280.2 |
| 45°   | 601.8 | 522.1 | 479.7  | 439.2 | 386.3 | 354.0 | 333.9 | 323.0 | 302.0 | 281.5 | 262.4 |
| 47.5° | 559.5 | 495.2 | 453.3  | 411.4 | 357.6 | 326.2 | 310.2 | 299.3 | 284.7 | 262.4 | 246.9 |
| 50°   | 506.1 | 460.6 | 421.0  | 383.6 | 329.4 | 299.3 | 283.4 | 275.2 | 262.9 | 246.9 | 231.9 |
| 52.5° | 446.9 | 420.5 | 387.7  | 353.1 | 300.7 | 272.4 | 257.9 | 251.5 | 242.4 | 227.3 | 214.6 |
| 55°   | 387.2 | 375.9 | 353.5  | 319.4 | 270.6 | 247.4 | 234.6 | 226.4 | 219.6 | 208.7 | 197.7 |
| 57.5° | 333.9 | 328.5 | 313.0  | 286.6 | 245.6 | 221.4 | 210.5 | 205.0 | 199.5 | 191.3 | 180.4 |
| 60°   | 278.8 | 284.7 | 268.8  | 255.6 | 218.2 | 197.3 | 187.7 | 181.8 | 179.0 | 171.8 | 164.9 |
| 62.5° | 231.0 | 236.4 | 227.3  | 217.3 | 190.9 | 172.2 | 166.3 | 160.8 | 159.0 | 152.6 | 145.8 |
| 65°   | 187.7 | 194.5 | 187.7  | 182.2 | 166.3 | 150.8 | 143.5 | 140.8 | 139.0 | 134.9 | 129.4 |
| 67.5° | 149.4 | 156.3 | 153.1  | 146.2 | 141.2 | 128.5 | 124.4 | 121.6 | 120.7 | 117.5 | 113.0 |
| 70°   | 112.5 | 122.1 | 123.0  | 118.9 | 114.4 | 108.4 | 105.7 | 104.8 | 102.5 | 99.8  | 97.0  |
| 72.5° | 81.1  | 92.0  | 92.5   | 92.5  | 89.7  | 89.7  | 87.0  | 85.6  | 85.6  | 82.9  | 79.7  |
| 75°   | 59.7  | 67.0  | 67.9   | 68.8  | 70.2  | 71.5  | 69.7  | 69.7  | 69.2  | 66.5  | 65.1  |
| 77.5° | 39.6  | 46.0  | 48.3   | 51.5  | 53.3  | 53.3  | 54.2  | 55.1  | 54.2  | 52.8  | 51.9  |
| 80°   | 25.5  | 30.1  | 32.8   | 34.6  | 37.4  | 38.7  | 40.1  | 40.5  | 39.6  | 39.2  | 37.8  |
| 82.5° | 16.9  | 18.2  | 19.6   | 21.9  | 25.1  | 27.3  | 27.3  | 26.9  | 27.8  | 27.3  | 26.9  |
| 85°   | 9.6   | 10.5  | 10.9   | 11.4  | 13.2  | 15.5  | 15.9  | 16.4  | 17.3  | 16.4  | 15.5  |
| 87.5° | 3.6   | 4.1   | 4.1    | 4.1   | 5.0   | 5.5   | 6.8   | 8.7   | 8.2   | 7.3   | 7.3   |
| 90°   | 0.0   | 0.0   | 0.0    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |

TEST NUMBER: P1037533

CATALOG NUMBER: S123RDS-B340DB35-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|       | 200°  | 202.5° | 205°  | 210°  | 215°  | 220°  | 225°  | 230°  | 235°  | 240°  | 245°  |
|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°    | 532.1 | 532.1  | 532.1 | 532.1 | 532.1 | 532.1 | 532.1 | 532.1 | 532.1 | 532.1 | 532.1 |
| 2.5°  | 525.3 | 523.0  | 522.1 | 519.8 | 514.3 | 510.7 | 506.6 | 503.9 | 504.3 | 502.0 | 503.4 |
| 5°    | 508.9 | 508.4  | 505.2 | 500.7 | 492.9 | 488.8 | 481.5 | 477.9 | 476.1 | 476.5 | 473.8 |
| 7.5°  | 495.2 | 491.1  | 488.8 | 481.5 | 474.3 | 465.6 | 459.7 | 456.5 | 453.8 | 451.0 | 449.2 |
| 10°   | 479.7 | 476.1  | 472.4 | 464.7 | 454.7 | 446.5 | 438.3 | 435.1 | 431.0 | 429.2 | 427.8 |
| 12.5° | 463.3 | 461.0  | 456.5 | 447.4 | 436.0 | 428.2 | 418.7 | 416.9 | 411.4 | 407.7 | 406.8 |
| 15°   | 448.3 | 446.9  | 438.7 | 428.2 | 416.9 | 409.1 | 400.9 | 395.4 | 386.3 | 388.2 | 385.0 |
| 17.5° | 432.3 | 426.4  | 421.4 | 407.3 | 401.8 | 390.0 | 380.4 | 377.7 | 371.3 | 367.2 | 363.1 |
| 20°   | 414.6 | 410.9  | 404.6 | 395.4 | 382.2 | 368.6 | 361.3 | 356.7 | 353.1 | 346.7 | 344.9 |
| 22.5° | 397.7 | 393.2  | 387.7 | 375.9 | 364.5 | 353.1 | 343.1 | 339.0 | 334.4 | 329.8 | 327.1 |
| 25°   | 384.5 | 377.7  | 371.8 | 357.2 | 345.8 | 336.2 | 329.8 | 323.0 | 316.6 | 313.9 | 313.0 |
| 27.5° | 364.0 | 359.9  | 354.0 | 340.3 | 329.8 | 319.4 | 313.4 | 308.9 | 302.0 | 298.9 | 296.1 |
| 30°   | 350.8 | 342.6  | 335.8 | 324.8 | 314.3 | 303.0 | 297.5 | 292.0 | 287.9 | 283.8 | 280.6 |
| 32.5° | 333.0 | 326.7  | 321.2 | 310.2 | 299.8 | 289.3 | 283.4 | 275.2 | 272.9 | 269.7 | 266.1 |
| 35°   | 315.7 | 311.6  | 305.7 | 293.8 | 282.5 | 275.2 | 268.8 | 261.0 | 258.3 | 256.0 | 252.8 |
| 37.5° | 299.3 | 293.4  | 289.3 | 277.9 | 267.9 | 259.2 | 254.2 | 247.8 | 246.0 | 243.3 | 241.0 |
| 40°   | 285.2 | 279.3  | 275.2 | 263.8 | 253.3 | 244.2 | 241.0 | 234.6 | 231.9 | 228.7 | 227.3 |
| 42.5° | 269.2 | 264.2  | 258.8 | 250.6 | 239.6 | 230.5 | 224.1 | 220.5 | 216.9 | 215.5 | 212.8 |
| 45°   | 252.4 | 247.8  | 243.7 | 234.6 | 223.2 | 216.9 | 211.4 | 206.4 | 203.6 | 201.4 | 199.5 |
| 47.5° | 237.8 | 233.7  | 228.2 | 218.2 | 209.1 | 203.2 | 197.7 | 192.7 | 190.0 | 187.2 | 185.0 |
| 50°   | 221.0 | 218.7  | 212.8 | 203.2 | 194.5 | 187.7 | 182.7 | 178.1 | 176.3 | 173.1 | 169.5 |
| 52.5° | 205.9 | 201.8  | 196.8 | 189.1 | 181.3 | 173.1 | 166.3 | 163.6 | 160.4 | 158.5 | 155.4 |
| 55°   | 188.2 | 185.4  | 180.0 | 173.1 | 164.9 | 158.1 | 153.1 | 149.4 | 145.3 | 143.5 | 139.4 |
| 57.5° | 173.1 | 168.1  | 165.4 | 156.7 | 149.0 | 142.1 | 138.5 | 134.9 | 130.3 | 127.6 | 125.7 |
| 60°   | 156.7 | 152.2  | 148.1 | 140.8 | 135.3 | 128.0 | 122.6 | 119.4 | 116.2 | 112.5 | 110.7 |
| 62.5° | 140.8 | 137.1  | 132.1 | 126.2 | 119.4 | 113.4 | 109.3 | 104.8 | 103.0 | 99.3  | 97.9  |
| 65°   | 123.5 | 120.7  | 116.6 | 109.8 | 104.3 | 99.3  | 95.2  | 91.6  | 89.7  | 88.4  | 87.5  |
| 67.5° | 108.0 | 104.3  | 101.6 | 95.7  | 89.7  | 85.6  | 83.4  | 81.1  | 78.8  | 77.4  | 76.1  |
| 70°   | 92.0  | 89.3   | 86.6  | 81.1  | 77.0  | 73.3  | 71.5  | 69.7  | 68.3  | 67.0  | 65.6  |
| 72.5° | 75.6  | 74.3   | 71.5  | 67.9  | 64.7  | 62.0  | 60.6  | 58.3  | 56.9  | 54.7  | 53.8  |
| 75°   | 62.4  | 60.1   | 58.8  | 55.6  | 52.8  | 50.6  | 48.7  | 46.0  | 44.2  | 43.3  | 42.8  |
| 77.5° | 49.2  | 48.3   | 46.5  | 43.7  | 42.4  | 40.1  | 37.4  | 36.4  | 35.5  | 35.5  | 35.1  |
| 80°   | 36.9  | 35.5   | 34.2  | 31.9  | 30.5  | 28.7  | 28.7  | 28.7  | 28.2  | 28.7  | 28.2  |
| 82.5° | 25.1  | 24.1   | 23.2  | 21.9  | 21.4  | 21.4  | 21.9  | 21.9  | 21.9  | 21.9  | 21.9  |
| 85°   | 14.6  | 14.6   | 14.6  | 15.0  | 14.6  | 14.6  | 15.0  | 15.5  | 15.0  | 15.0  | 14.6  |
| 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°   | 0.0   | 0.0    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |

TEST NUMBER: P1037533

CATALOG NUMBER: S123RDS-B340DB35-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|       | 247.5° | 250°  | 255°  | 260°  | 265°  | 270°  | 275°  | 280°  | 285°  | 290°  | 292.5° |
|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 0°    | 532.1  | 532.1 | 532.1 | 532.1 | 532.1 | 532.1 | 532.1 | 532.1 | 532.1 | 532.1 | 532.1  |
| 2.5°  | 503.0  | 503.4 | 502.0 | 499.3 | 498.9 | 499.8 | 502.5 | 501.6 | 499.3 | 503.4 | 499.8  |
| 5°    | 475.2  | 472.9 | 472.0 | 472.9 | 470.2 | 468.8 | 471.5 | 470.2 | 471.5 | 472.0 | 473.3  |
| 7.5°  | 448.3  | 448.7 | 446.0 | 446.5 | 442.8 | 443.7 | 443.7 | 443.7 | 445.1 | 446.0 | 447.8  |
| 10°   | 425.1  | 426.0 | 422.8 | 423.2 | 420.5 | 418.7 | 420.0 | 422.8 | 422.8 | 422.8 | 423.7  |
| 12.5° | 406.4  | 402.3 | 400.0 | 399.5 | 396.4 | 395.4 | 398.2 | 399.1 | 401.4 | 401.4 | 402.7  |
| 15°   | 383.1  | 382.2 | 380.4 | 380.4 | 372.7 | 374.5 | 375.4 | 378.6 | 383.1 | 379.5 | 380.4  |
| 17.5° | 362.2  | 359.9 | 357.6 | 356.7 | 355.8 | 353.1 | 356.7 | 356.3 | 359.0 | 359.5 | 360.8  |
| 20°   | 343.5  | 341.7 | 337.1 | 337.6 | 338.5 | 334.4 | 336.7 | 336.7 | 339.4 | 342.1 | 345.3  |
| 22.5° | 325.3  | 323.5 | 321.2 | 322.1 | 319.4 | 318.4 | 318.4 | 320.7 | 323.9 | 326.2 | 325.7  |
| 25°   | 311.2  | 308.0 | 306.6 | 305.2 | 303.9 | 304.8 | 303.4 | 305.7 | 308.0 | 309.3 | 308.0  |
| 27.5° | 295.2  | 293.8 | 291.1 | 289.7 | 287.5 | 288.4 | 289.3 | 291.1 | 292.5 | 292.5 | 293.8  |
| 30°   | 279.7  | 277.9 | 277.0 | 275.6 | 275.6 | 273.8 | 274.3 | 276.1 | 277.4 | 278.8 | 280.6  |
| 32.5° | 264.7  | 263.3 | 262.0 | 262.0 | 261.0 | 260.6 | 260.1 | 262.9 | 262.9 | 265.6 | 265.6  |
| 35°   | 252.4  | 250.1 | 250.1 | 247.8 | 248.7 | 248.3 | 247.4 | 249.2 | 249.7 | 251.5 | 251.0  |
| 37.5° | 238.7  | 238.7 | 237.8 | 235.5 | 233.7 | 234.2 | 236.4 | 236.4 | 237.8 | 237.4 | 238.7  |
| 40°   | 225.1  | 224.1 | 224.1 | 222.8 | 222.3 | 221.9 | 222.3 | 222.8 | 225.1 | 224.6 | 225.1  |
| 42.5° | 211.4  | 211.8 | 209.6 | 209.6 | 209.6 | 208.2 | 208.7 | 209.1 | 210.0 | 210.9 | 212.3  |
| 45°   | 198.2  | 197.3 | 196.8 | 195.9 | 195.0 | 195.4 | 195.0 | 196.8 | 196.4 | 197.3 | 198.6  |
| 47.5° | 184.1  | 182.7 | 182.2 | 180.4 | 180.4 | 181.3 | 180.9 | 182.2 | 182.7 | 184.1 | 183.1  |
| 50°   | 170.4  | 168.6 | 167.2 | 167.7 | 164.9 | 165.8 | 165.8 | 167.2 | 168.6 | 169.0 | 169.9  |
| 52.5° | 154.4  | 154.0 | 153.5 | 151.3 | 150.8 | 150.3 | 150.8 | 151.3 | 153.1 | 154.4 | 154.9  |
| 55°   | 139.0  | 138.5 | 135.8 | 134.9 | 133.5 | 133.5 | 134.4 | 134.9 | 138.0 | 138.5 | 140.3  |
| 57.5° | 124.8  | 123.5 | 120.3 | 119.8 | 119.8 | 119.8 | 118.5 | 120.3 | 121.2 | 123.5 | 123.5  |
| 60°   | 109.3  | 109.3 | 106.6 | 106.6 | 107.1 | 106.6 | 106.6 | 107.1 | 107.1 | 108.9 | 109.8  |
| 62.5° | 97.0   | 96.6  | 96.6  | 95.7  | 95.2  | 95.7  | 95.2  | 95.2  | 95.7  | 97.0  | 98.4   |
| 65°   | 86.1   | 85.6  | 85.2  | 84.7  | 83.8  | 83.8  | 84.3  | 85.2  | 85.2  | 86.1  | 86.6   |
| 67.5° | 75.6   | 75.6  | 74.7  | 74.7  | 74.3  | 73.8  | 74.3  | 73.8  | 75.6  | 75.6  | 76.1   |
| 70°   | 65.1   | 64.7  | 63.3  | 62.9  | 61.5  | 62.0  | 62.0  | 63.3  | 63.8  | 64.7  | 65.6   |
| 72.5° | 52.4   | 52.4  | 51.5  | 50.6  | 51.0  | 50.1  | 50.1  | 50.6  | 50.6  | 51.9  | 52.4   |
| 75°   | 43.3   | 42.4  | 41.9  | 42.4  | 41.9  | 42.8  | 41.9  | 41.9  | 42.8  | 42.8  | 42.8   |
| 77.5° | 35.5   | 35.5  | 35.1  | 35.1  | 35.5  | 35.1  | 35.5  | 35.5  | 35.5  | 35.1  | 35.5   |
| 80°   | 29.2   | 28.7  | 28.7  | 28.7  | 28.2  | 28.2  | 28.2  | 28.2  | 28.2  | 28.2  | 28.2   |
| 82.5° | 21.9   | 21.9  | 21.4  | 21.9  | 21.9  | 21.4  | 21.9  | 21.4  | 21.4  | 21.9  | 21.9   |
| 85°   | 14.6   | 15.5  | 14.6  | 14.6  | 15.0  | 15.0  | 15.5  | 15.0  | 15.5  | 14.6  | 15.0   |
| 87.5° | 7.7    | 8.2   | 8.2   | 7.7   | 7.7   | 8.2   | 8.2   | 8.2   | 8.7   | 7.7   | 8.2    |
| 90°   | 0.0    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0    |

TEST NUMBER: P1037533

CATALOG NUMBER: S123RDS-B340DB35-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|       | 295°  | 300°  | 305°  | 310°  | 315°  | 320°  | 325°  | 330°  | 335°  | 337.5° | 340°  |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
| 0°    | 532.1 | 532.1 | 532.1 | 532.1 | 532.1 | 532.1 | 532.1 | 532.1 | 532.1 | 532.1  | 532.1 |
| 2.5°  | 503.4 | 505.2 | 503.4 | 499.8 | 503.4 | 505.7 | 508.0 | 511.6 | 513.4 | 513.4  | 516.2 |
| 5°    | 474.7 | 478.4 | 477.0 | 476.1 | 479.7 | 482.0 | 485.6 | 490.2 | 495.2 | 498.4  | 502.0 |
| 7.5°  | 449.2 | 451.5 | 453.8 | 453.8 | 457.4 | 462.4 | 467.9 | 473.3 | 479.7 | 484.3  | 487.0 |
| 10°   | 426.9 | 428.7 | 430.1 | 431.9 | 437.4 | 442.8 | 450.1 | 456.9 | 462.4 | 467.4  | 472.0 |
| 12.5° | 405.5 | 408.2 | 411.4 | 412.8 | 416.9 | 423.7 | 430.5 | 438.7 | 447.4 | 452.4  | 456.9 |
| 15°   | 385.0 | 386.3 | 390.0 | 394.1 | 397.7 | 405.0 | 413.7 | 422.3 | 429.6 | 437.4  | 441.5 |
| 17.5° | 364.0 | 364.5 | 374.0 | 371.8 | 383.6 | 390.4 | 395.0 | 403.2 | 415.0 | 421.4  | 427.8 |
| 20°   | 343.5 | 348.1 | 352.2 | 354.4 | 360.8 | 368.6 | 381.8 | 388.2 | 397.7 | 403.6  | 409.1 |
| 22.5° | 327.6 | 334.4 | 334.4 | 339.9 | 343.1 | 350.3 | 359.9 | 372.2 | 382.7 | 386.8  | 394.5 |
| 25°   | 313.4 | 316.6 | 322.1 | 323.9 | 329.8 | 336.2 | 342.6 | 355.8 | 367.2 | 372.7  | 378.1 |
| 27.5° | 295.2 | 299.3 | 306.6 | 306.6 | 314.3 | 321.2 | 328.9 | 337.6 | 349.0 | 356.7  | 362.6 |
| 30°   | 281.1 | 285.2 | 288.4 | 293.4 | 296.6 | 303.0 | 316.6 | 323.0 | 333.0 | 339.9  | 347.2 |
| 32.5° | 267.9 | 271.1 | 273.8 | 279.3 | 282.9 | 290.2 | 297.5 | 308.9 | 317.5 | 323.9  | 331.7 |
| 35°   | 253.3 | 256.5 | 260.1 | 264.2 | 269.7 | 276.5 | 283.4 | 292.9 | 301.6 | 307.5  | 313.9 |
| 37.5° | 239.6 | 241.9 | 247.4 | 250.1 | 254.7 | 261.0 | 269.7 | 279.7 | 287.5 | 292.0  | 298.4 |
| 40°   | 226.4 | 228.2 | 232.3 | 237.4 | 240.5 | 245.6 | 254.7 | 263.3 | 272.9 | 278.4  | 283.4 |
| 42.5° | 212.3 | 214.6 | 218.2 | 223.2 | 228.2 | 233.7 | 238.7 | 248.7 | 257.4 | 262.0  | 267.4 |
| 45°   | 200.0 | 201.4 | 204.1 | 209.1 | 214.1 | 218.2 | 226.0 | 235.1 | 243.3 | 246.9  | 252.8 |
| 47.5° | 185.4 | 186.8 | 190.9 | 193.2 | 198.6 | 204.1 | 211.8 | 221.0 | 228.2 | 231.9  | 237.4 |
| 50°   | 170.4 | 171.8 | 174.5 | 179.5 | 183.1 | 189.1 | 195.9 | 203.6 | 212.8 | 217.8  | 221.0 |
| 52.5° | 155.8 | 158.5 | 160.8 | 164.9 | 169.5 | 175.4 | 181.8 | 189.1 | 196.8 | 201.8  | 205.5 |
| 55°   | 141.2 | 143.5 | 146.2 | 148.5 | 154.0 | 159.5 | 166.7 | 173.6 | 180.4 | 185.0  | 189.1 |
| 57.5° | 124.8 | 128.0 | 130.8 | 135.3 | 139.4 | 144.0 | 152.2 | 157.6 | 165.8 | 169.0  | 172.7 |
| 60°   | 110.7 | 113.9 | 116.2 | 119.8 | 123.5 | 129.4 | 134.9 | 141.7 | 148.5 | 152.6  | 157.2 |
| 62.5° | 98.9  | 100.2 | 101.6 | 105.2 | 108.9 | 114.4 | 119.8 | 126.7 | 133.9 | 136.2  | 139.9 |
| 65°   | 87.0  | 88.4  | 90.7  | 93.8  | 96.6  | 99.8  | 105.7 | 111.2 | 118.0 | 121.6  | 123.0 |
| 67.5° | 77.0  | 78.4  | 78.8  | 81.1  | 83.4  | 87.0  | 90.2  | 95.7  | 102.0 | 104.3  | 107.1 |
| 70°   | 65.6  | 67.9  | 68.3  | 70.2  | 71.1  | 73.3  | 77.0  | 81.1  | 86.1  | 90.2   | 92.5  |
| 72.5° | 52.4  | 55.6  | 56.5  | 59.2  | 60.6  | 62.9  | 65.6  | 68.8  | 72.0  | 73.8   | 75.6  |
| 75°   | 42.8  | 43.7  | 44.2  | 46.5  | 48.7  | 51.9  | 53.3  | 55.1  | 57.9  | 60.1   | 62.0  |
| 77.5° | 35.5  | 36.0  | 36.4  | 36.4  | 36.9  | 38.7  | 41.5  | 43.7  | 45.6  | 46.5   | 47.8  |
| 80°   | 28.7  | 28.2  | 28.2  | 28.7  | 28.7  | 28.7  | 29.6  | 32.8  | 33.7  | 36.0   | 35.5  |
| 82.5° | 22.3  | 21.4  | 21.9  | 21.4  | 21.4  | 21.4  | 21.4  | 21.9  | 21.9  | 23.2   | 24.1  |
| 85°   | 14.6  | 15.0  | 14.6  | 14.6  | 14.1  | 14.6  | 14.1  | 14.1  | 13.7  | 13.7   | 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°   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0    | 0.0   |

TEST NUMBER: P1037533

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**CANDELA DISTRIBUTION (continued):**

|       | 345°  | 350°  | 355°  | 360°  |
|-------|-------|-------|-------|-------|
| 0°    | 532.1 | 532.1 | 532.1 | 532.1 |
| 2.5°  | 518.4 | 521.6 | 528.0 | 533.5 |
| 5°    | 507.5 | 512.5 | 522.1 | 531.7 |
| 7.5°  | 494.3 | 502.0 | 514.3 | 527.6 |
| 10°   | 481.5 | 491.6 | 506.6 | 522.1 |
| 12.5° | 468.8 | 479.3 | 495.2 | 515.3 |
| 15°   | 453.8 | 464.7 | 483.8 | 508.0 |
| 17.5° | 440.5 | 455.1 | 472.4 | 496.6 |
| 20°   | 426.4 | 437.4 | 459.7 | 485.2 |
| 22.5° | 408.7 | 426.9 | 447.8 | 474.7 |
| 25°   | 394.5 | 410.5 | 431.4 | 462.0 |
| 27.5° | 377.2 | 395.9 | 421.4 | 448.3 |
| 30°   | 363.1 | 378.6 | 402.3 | 434.6 |
| 32.5° | 346.7 | 364.9 | 389.5 | 421.4 |
| 35°   | 332.1 | 347.6 | 370.8 | 403.2 |
| 37.5° | 314.8 | 331.7 | 357.6 | 386.3 |
| 40°   | 299.8 | 316.2 | 340.8 | 367.7 |
| 42.5° | 281.5 | 298.9 | 323.5 | 346.2 |
| 45°   | 267.0 | 282.9 | 302.5 | 323.5 |
| 47.5° | 249.2 | 266.1 | 285.2 | 299.8 |
| 50°   | 233.3 | 248.7 | 263.8 | 276.1 |
| 52.5° | 215.9 | 230.1 | 243.7 | 252.8 |
| 55°   | 200.0 | 210.9 | 221.9 | 228.2 |
| 57.5° | 181.3 | 191.8 | 200.9 | 204.6 |
| 60°   | 164.9 | 173.6 | 179.5 | 183.6 |
| 62.5° | 147.6 | 154.0 | 158.5 | 160.8 |
| 65°   | 130.8 | 135.3 | 137.6 | 139.9 |
| 67.5° | 113.4 | 117.5 | 118.9 | 121.6 |
| 70°   | 95.2  | 99.8  | 100.7 | 102.0 |
| 72.5° | 81.5  | 81.5  | 83.4  | 85.2  |
| 75°   | 65.1  | 66.1  | 67.0  | 67.0  |
| 77.5° | 51.0  | 51.0  | 51.9  | 52.4  |
| 80°   | 37.4  | 37.8  | 37.8  | 37.4  |
| 82.5° | 25.5  | 26.4  | 25.5  | 25.1  |
| 85°   | 14.1  | 15.9  | 15.0  | 15.0  |
| 87.5° | 5.9   | 5.9   | 6.8   | 5.9   |
| 90°   | 0.0   | 0.0   | 0.0   | 0.0   |

(END OF REPORT)