

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: P1011652

Luminaire Tested: S123DIP-B340D805UB35-4F0-XX-W2A-A

Issue Date: 5/7/2025

**Test Information**

Test Method: LM-79-2019  
Report Number: P1011652  
REPORT IS A COMBINATION OF REPORTS P989892 AND P1007351  
Test Lab: INNOVATION CENTER  
Issue Date: 5/7/2025  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: NEO-RAY  
Catalog Number: S123DIP-B340D805UB35-4F0-XX-W2A-A  
Description: Define 3 Direct/Indirect Pendant with 3500K BioUP LEDs {m-DER=0.721} {m-EER=0.792}  
Light Source: -  
Ballast/Driver: -

**Summary**

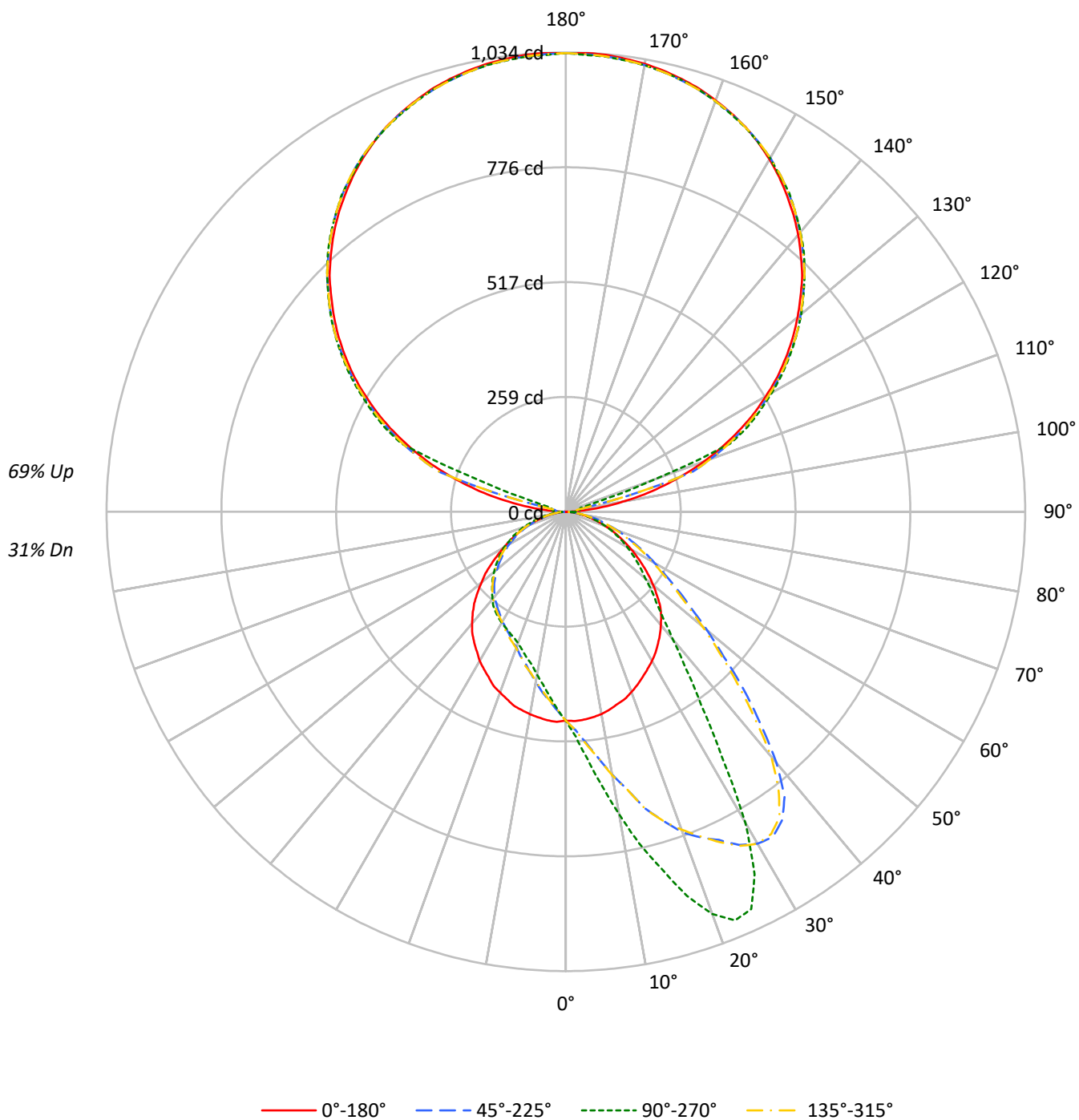
Lumens per Lamp: N/A  
Luminaire Lumens: 4568.0 lumens  
Efficiency: N/A  
Efficacy: 134.0 lumens/watt  
Spacing Criteria (0/90/45): 1.23 / 1.37 / 1.5  
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 4' x H: 0.1')  
CIE Type: Semi-Indirect

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: P1011652

CATALOG NUMBER: S123DIP-B340D805UB35-4F0-XX-W2A-A

### Luminous Intensity Polar Plot



TEST NUMBER: P1011652

CATALOG NUMBER: S123DIP-B340D805UB35-4F0-XX-W2A-A

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

|     |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| RF  | 20  |     |     |     | 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 | 50 | 30 | 10 | 0  |
| RCR |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 0   | 103 | 103 | 103 | 103 | 92 | 92 | 92 | 92 | 73 | 73 | 73 | 55 | 55 | 55 | 39 | 39 | 39 | 39 | 39 | 39 | 31 |
| 1   | 94  | 90  | 86  | 83  | 84 | 81 | 78 | 75 | 64 | 62 | 60 | 49 | 47 | 46 | 34 | 34 | 33 | 33 | 33 | 33 | 27 |
| 2   | 85  | 78  | 73  | 68  | 77 | 71 | 66 | 62 | 56 | 53 | 50 | 43 | 41 | 39 | 31 | 29 | 28 | 28 | 28 | 28 | 22 |
| 3   | 78  | 69  | 62  | 56  | 70 | 62 | 56 | 52 | 50 | 45 | 42 | 38 | 35 | 33 | 27 | 25 | 24 | 24 | 24 | 24 | 19 |
| 4   | 71  | 61  | 53  | 48  | 64 | 55 | 49 | 44 | 44 | 39 | 36 | 34 | 31 | 28 | 24 | 22 | 21 | 21 | 21 | 21 | 17 |
| 5   | 65  | 54  | 46  | 41  | 59 | 49 | 42 | 37 | 39 | 35 | 31 | 30 | 27 | 24 | 22 | 20 | 18 | 18 | 18 | 18 | 14 |
| 6   | 60  | 49  | 41  | 35  | 54 | 44 | 37 | 32 | 35 | 31 | 27 | 27 | 24 | 21 | 20 | 18 | 16 | 16 | 16 | 16 | 13 |
| 7   | 56  | 44  | 36  | 31  | 50 | 40 | 33 | 28 | 32 | 27 | 24 | 25 | 21 | 19 | 18 | 16 | 14 | 14 | 14 | 14 | 11 |
| 8   | 51  | 40  | 32  | 27  | 46 | 36 | 29 | 25 | 29 | 24 | 21 | 23 | 19 | 17 | 17 | 14 | 13 | 13 | 13 | 13 | 10 |
| 9   | 48  | 36  | 29  | 24  | 43 | 33 | 26 | 22 | 27 | 22 | 19 | 21 | 17 | 15 | 15 | 13 | 11 | 11 | 11 | 11 | 9  |
| 10  | 45  | 33  | 26  | 21  | 40 | 30 | 24 | 20 | 24 | 20 | 17 | 19 | 16 | 13 | 14 | 12 | 10 | 10 | 10 | 10 | 8  |

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

|     | 0°   | 90°  | 180° | 270° |
|-----|------|------|------|------|
| 0°  | 5061 | 5061 | 5061 | 5061 |
| 5°  | 5064 | 5831 | 5079 | 4352 |
| 10° | 5032 | 7056 | 5037 | 3800 |
| 15° | 4962 | 8368 | 5002 | 3421 |
| 20° | 4903 | 9634 | 4913 | 3148 |
| 25° | 4813 | 9878 | 4824 | 3005 |
| 30° | 4750 | 8161 | 4750 | 2912 |
| 35° | 4671 | 5458 | 4641 | 2829 |
| 40° | 4577 | 3940 | 4521 | 2703 |
| 45° | 4458 | 3121 | 4331 | 2547 |
| 50° | 4171 | 2650 | 4023 | 2392 |
| 55° | 3856 | 2329 | 3698 | 2220 |
| 60° | 3535 | 2028 | 3347 | 2040 |
| 65° | 3184 | 1736 | 3029 | 1799 |
| 70° | 2818 | 1441 | 2630 | 1516 |
| 75° | 2408 | 1086 | 2252 | 1171 |
| 80° | 1906 | 726  | 1754 | 768  |
| 85° | 1316 | 332  | 1047 | 304  |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 35°

Vertical Angle: 45°

Luminance: 8162 cd/sqm

TEST NUMBER: P1011652

CATALOG NUMBER: S123DIP-B340D805UB35-4F0-XX-W2A-A

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 46.2   | 1.0       |
| 10°-20°   | 148.5  | 3.3       |
| 20°-30°   | 249.9  | 5.5       |
| 30°-40°   | 282.4  | 6.2       |
| 40°-50°   | 252.9  | 5.5       |
| 50°-60°   | 204.2  | 4.5       |
| 60°-70°   | 142.3  | 3.1       |
| 70°-80°   | 74.7   | 1.6       |
| 80°-90°   | 20.0   | 0.4       |
| 90°-100°  | 36.4   | 0.8       |
| 100°-110° | 176.0  | 3.9       |
| 110°-120° | 431.3  | 9.4       |
| 120°-130° | 547.5  | 12.0      |
| 130°-140° | 584.9  | 12.8      |
| 140°-150° | 546.9  | 12.0      |
| 150°-160° | 441.1  | 9.7       |
| 160°-170° | 284.7  | 6.2       |
| 170°-180° | 98.1   | 2.1       |
| 0°-30°    | 444.6  | 9.7       |
| 0°-40°    | 727.0  | 15.9      |
| 0°-60°    | 1184.1 | 25.9      |
| 0°-90°    | 1421.1 | 31.1      |
| 90°-120°  | 643.7  | 14.1      |
| 90°-150°  | 2323.0 | 50.9      |
| 90°-180°  | 3147.0 | 68.9      |
| 0°-180°   | 4568.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°   | 90°  | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0°   | 470  | 470  | 470  | 470  | 470  |      |
| 5°   | 470  | 558  | 471  | 417  | 470  | 45   |
| 15°  | 448  | 831  | 452  | 340  | 448  | 127  |
| 25°  | 410  | 987  | 411  | 300  | 410  | 189  |
| 35°  | 362  | 532  | 359  | 276  | 362  | 226  |
| 45°  | 300  | 287  | 292  | 234  | 300  | 230  |
| 55°  | 213  | 195  | 204  | 186  | 213  | 191  |
| 65°  | 132  | 127  | 125  | 131  | 132  | 131  |
| 75°  | 63   | 65   | 59   | 70   | 63   | 68   |
| 85°  | 14   | 15   | 11   | 14   | 14   | 16   |
| 90°  | 1    | 23   | 1    | 23   | 1    | 4    |
| 95°  | 47   | 29   | 47   | 29   | 47   | 56   |
| 105° | 228  | 34   | 228  | 34   | 228  | 242  |
| 115° | 429  | 451  | 429  | 451  | 429  | 423  |
| 125° | 604  | 617  | 604  | 617  | 604  | 540  |
| 135° | 752  | 760  | 752  | 760  | 752  | 579  |
| 145° | 868  | 877  | 868  | 877  | 868  | 544  |
| 155° | 956  | 955  | 956  | 955  | 956  | 441  |
| 165° | 1008 | 1006 | 1008 | 1006 | 1008 | 285  |
| 175° | 1032 | 1028 | 1032 | 1028 | 1032 | 98   |
| 180° | 1032 | 1032 | 1032 | 1032 | 1032 |      |

TEST NUMBER: P1011652

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**CANDELA DISTRIBUTION (FULL):**

|        | 0°    | 5°    | 10°   | 15°   | 20°   | 22.5° | 25°   | 30°   | 35°   | 40°   | 45°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 470.2 | 470.2 | 470.2 | 470.2 | 470.2 | 470.2 | 470.2 | 470.2 | 470.2 | 470.2 | 470.2 |
| 2.5°   | 471.5 | 475.2 | 477.0 | 479.7 | 482.5 | 486.6 | 487.9 | 490.2 | 489.3 | 491.1 | 492.0 |
| 5°     | 469.7 | 476.1 | 481.5 | 488.4 | 494.8 | 499.3 | 503.9 | 511.2 | 516.6 | 517.5 | 521.6 |
| 7.5°   | 466.5 | 475.6 | 485.2 | 494.8 | 507.1 | 514.3 | 522.5 | 532.6 | 540.8 | 554.0 | 559.0 |
| 10°    | 462.4 | 475.2 | 488.8 | 502.0 | 518.9 | 530.3 | 540.3 | 557.2 | 574.0 | 587.7 | 600.4 |
| 12.5°  | 456.0 | 472.0 | 489.7 | 509.3 | 531.2 | 544.4 | 558.1 | 580.4 | 605.9 | 626.9 | 640.5 |
| 15°    | 448.3 | 468.3 | 491.1 | 512.1 | 536.2 | 560.8 | 575.4 | 600.4 | 636.9 | 656.5 | 691.6 |
| 17.5°  | 441.9 | 462.4 | 485.2 | 518.0 | 550.8 | 575.4 | 585.9 | 631.9 | 656.9 | 689.7 | 729.4 |
| 20°    | 431.9 | 457.9 | 487.0 | 519.8 | 562.2 | 577.2 | 598.6 | 645.1 | 676.1 | 718.9 | 767.6 |
| 22.5°  | 421.4 | 449.2 | 484.3 | 518.4 | 565.8 | 581.8 | 610.9 | 647.8 | 697.0 | 739.4 | 793.2 |
| 25°    | 410.0 | 440.1 | 475.6 | 516.2 | 562.6 | 585.9 | 613.2 | 658.8 | 712.1 | 765.4 | 815.0 |
| 27.5°  | 398.6 | 431.4 | 468.3 | 508.9 | 554.0 | 581.3 | 608.6 | 656.0 | 724.4 | 782.2 | 845.5 |
| 30°    | 387.7 | 420.5 | 457.4 | 498.9 | 546.2 | 572.7 | 598.6 | 657.9 | 733.9 | 799.1 | 862.9 |
| 32.5°  | 375.8 | 409.6 | 448.3 | 482.9 | 530.7 | 559.0 | 588.1 | 657.9 | 739.9 | 809.1 | 867.4 |
| 35°    | 361.7 | 396.4 | 429.6 | 464.2 | 511.6 | 543.0 | 575.8 | 653.3 | 745.3 | 812.3 | 848.3 |
| 37.5°  | 348.1 | 378.6 | 407.3 | 441.0 | 490.7 | 524.4 | 562.2 | 647.8 | 742.6 | 798.6 | 808.6 |
| 40°    | 332.6 | 363.1 | 386.3 | 417.8 | 470.2 | 509.3 | 547.6 | 640.5 | 730.7 | 766.3 | 737.1 |
| 42.5°  | 317.5 | 341.7 | 361.7 | 392.3 | 449.2 | 487.5 | 528.9 | 627.3 | 707.5 | 714.8 | 649.2 |
| 45°    | 300.2 | 317.5 | 335.3 | 369.9 | 426.4 | 465.6 | 511.6 | 608.2 | 670.2 | 649.2 | 566.3 |
| 47.5°  | 277.9 | 293.4 | 313.0 | 344.9 | 402.3 | 442.8 | 486.6 | 583.6 | 615.9 | 572.2 | 481.5 |
| 50°    | 256.5 | 269.7 | 287.9 | 318.9 | 376.8 | 416.4 | 462.9 | 544.9 | 560.8 | 492.0 | 415.0 |
| 52.5°  | 235.1 | 245.1 | 262.9 | 293.8 | 351.7 | 390.0 | 432.3 | 505.2 | 496.1 | 422.3 | 354.0 |
| 55°    | 212.8 | 221.4 | 238.3 | 268.8 | 322.5 | 359.0 | 399.5 | 456.5 | 432.8 | 362.6 | 308.0 |
| 57.5°  | 190.9 | 200.0 | 217.3 | 242.8 | 293.4 | 328.9 | 361.3 | 405.9 | 370.4 | 314.3 | 266.1 |
| 60°    | 171.3 | 179.0 | 192.3 | 217.3 | 263.3 | 292.0 | 321.6 | 352.2 | 322.5 | 268.3 | 231.4 |
| 62.5°  | 150.8 | 158.1 | 170.4 | 193.2 | 232.8 | 258.3 | 282.0 | 307.1 | 274.3 | 234.6 | 201.8 |
| 65°    | 131.7 | 137.6 | 149.0 | 169.9 | 202.3 | 223.2 | 242.4 | 259.7 | 233.3 | 196.8 | 172.2 |
| 67.5°  | 114.3 | 119.4 | 128.9 | 147.6 | 174.9 | 190.0 | 205.5 | 220.0 | 197.7 | 168.6 | 147.6 |
| 70°    | 95.7  | 99.8  | 108.4 | 122.1 | 144.0 | 159.5 | 170.8 | 181.8 | 161.7 | 138.5 | 124.4 |
| 72.5°  | 79.3  | 83.4  | 88.8  | 103.0 | 118.0 | 127.6 | 139.9 | 145.8 | 134.4 | 115.3 | 101.1 |
| 75°    | 63.3  | 66.5  | 71.5  | 80.6  | 94.8  | 101.1 | 108.9 | 113.4 | 103.0 | 90.2  | 81.5  |
| 77.5°  | 49.7  | 51.0  | 54.7  | 61.0  | 70.6  | 77.9  | 83.8  | 86.6  | 79.3  | 71.1  | 63.8  |
| 80°    | 35.1  | 36.9  | 39.6  | 45.1  | 52.4  | 54.7  | 58.3  | 61.5  | 56.9  | 49.7  | 45.1  |
| 82.5°  | 23.2  | 25.5  | 26.9  | 29.2  | 33.7  | 36.4  | 37.4  | 40.1  | 36.0  | 33.3  | 31.4  |
| 85°    | 13.7  | 14.6  | 15.0  | 16.4  | 18.7  | 20.0  | 21.4  | 21.9  | 21.0  | 20.5  | 18.7  |
| 87.5°  | 6.8   | 6.8   | 6.8   | 7.7   | 8.2   | 9.1   | 9.6   | 9.6   | 9.6   | 9.1   | 8.7   |
| 90°    | 0.8   | 2.5   | 4.2   | 5.9   | 7.6   | 8.4   | 9.5   | 11.7  | 14.0  | 16.2  | 18.4  |
| 92.5°  | 17.6  | 16.6  | 15.6  | 14.5  | 13.5  | 13.0  | 13.8  | 15.3  | 16.8  | 18.4  | 19.9  |
| 95°    | 46.8  | 39.8  | 32.8  | 25.8  | 18.8  | 15.3  | 16.2  | 18.1  | 20.0  | 21.9  | 23.8  |
| 97.5°  | 85.1  | 80.3  | 75.6  | 70.8  | 66.1  | 63.7  | 59.3  | 50.6  | 41.9  | 33.2  | 24.5  |
| 100°   | 129.6 | 133.0 | 136.4 | 139.8 | 143.2 | 144.9 | 131.6 | 105.0 | 78.5  | 51.9  | 25.3  |
| 102.5° | 180.2 | 182.4 | 184.6 | 186.9 | 189.1 | 190.2 | 175.4 | 145.7 | 116.1 | 86.4  | 56.8  |
| 105°   | 228.5 | 230.4 | 232.3 | 234.2 | 236.1 | 237.0 | 229.3 | 214.0 | 198.7 | 183.3 | 168.0 |
| 107.5° | 279.9 | 281.4 | 283.0 | 284.5 | 286.0 | 286.8 | 288.1 | 290.6 | 293.2 | 295.7 | 298.3 |
| 110°   | 331.3 | 332.7 | 334.0 | 335.4 | 336.7 | 337.4 | 338.3 | 340.2 | 342.1 | 344.0 | 345.9 |

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**CANDELA DISTRIBUTION (continued):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 22.5°  | 25°    | 30°    | 35°    | 40°    | 45°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 380.4  | 381.6  | 382.8  | 384.0  | 385.2  | 385.8  | 386.7  | 388.6  | 390.5  | 392.3  | 394.2  |
| 115°   | 428.7  | 429.7  | 430.7  | 431.8  | 432.8  | 433.3  | 434.1  | 435.6  | 437.1  | 438.7  | 440.2  |
| 117.5° | 476.3  | 477.5  | 478.7  | 479.8  | 481.0  | 481.6  | 482.0  | 482.9  | 483.8  | 484.6  | 485.5  |
| 120°   | 520.0  | 521.5  | 523.1  | 524.6  | 526.1  | 526.9  | 527.2  | 527.7  | 528.2  | 528.7  | 529.2  |
| 122.5° | 564.4  | 565.6  | 566.8  | 568.0  | 569.2  | 569.8  | 570.1  | 570.8  | 571.5  | 572.2  | 572.9  |
| 125°   | 604.3  | 605.7  | 607.1  | 608.4  | 609.8  | 610.5  | 610.8  | 611.5  | 612.2  | 612.8  | 613.5  |
| 127.5° | 644.2  | 645.6  | 646.9  | 648.3  | 649.6  | 650.3  | 650.7  | 651.6  | 652.5  | 653.3  | 654.2  |
| 130°   | 681.0  | 682.4  | 683.8  | 685.1  | 686.5  | 687.2  | 687.5  | 688.2  | 688.9  | 689.5  | 690.2  |
| 132.5° | 716.3  | 717.7  | 719.0  | 720.4  | 721.7  | 722.4  | 722.7  | 723.2  | 723.7  | 724.2  | 724.7  |
| 135°   | 752.3  | 753.3  | 754.3  | 755.4  | 756.4  | 756.9  | 757.2  | 757.9  | 758.6  | 759.3  | 760.0  |
| 137.5° | 783.0  | 784.4  | 785.8  | 787.1  | 788.5  | 789.2  | 789.4  | 789.7  | 790.0  | 790.4  | 790.7  |
| 140°   | 813.7  | 814.7  | 815.7  | 816.8  | 817.8  | 818.3  | 818.6  | 819.1  | 819.6  | 820.1  | 820.6  |
| 142.5° | 842.1  | 843.1  | 844.1  | 845.2  | 846.2  | 846.7  | 847.0  | 847.5  | 848.0  | 848.5  | 849.0  |
| 145°   | 868.1  | 869.3  | 870.5  | 871.7  | 872.9  | 873.5  | 873.7  | 874.0  | 874.3  | 874.7  | 875.0  |
| 147.5° | 893.5  | 894.3  | 895.2  | 896.0  | 896.9  | 897.3  | 897.5  | 897.8  | 898.1  | 898.5  | 898.8  |
| 150°   | 916.5  | 917.0  | 917.5  | 918.0  | 918.5  | 918.8  | 919.0  | 919.3  | 919.6  | 920.0  | 920.3  |
| 152.5° | 937.2  | 937.4  | 937.5  | 937.7  | 937.8  | 937.9  | 938.0  | 938.2  | 938.3  | 938.5  | 938.7  |
| 155°   | 956.3  | 956.0  | 955.6  | 955.3  | 955.0  | 954.8  | 954.9  | 955.1  | 955.2  | 955.4  | 955.6  |
| 157.5° | 971.7  | 971.7  | 971.7  | 971.7  | 971.7  | 971.7  | 971.6  | 971.4  | 971.3  | 971.1  | 970.9  |
| 160°   | 985.5  | 985.3  | 985.1  | 985.0  | 984.8  | 984.7  | 984.6  | 984.4  | 984.3  | 984.1  | 983.9  |
| 162.5° | 998.5  | 998.0  | 997.5  | 997.0  | 996.5  | 996.2  | 996.1  | 996.0  | 995.8  | 995.7  | 995.5  |
| 165°   | 1008.5 | 1008.0 | 1007.5 | 1007.0 | 1006.5 | 1006.2 | 1006.1 | 1005.9 | 1005.8 | 1005.6 | 1005.4 |
| 167.5° | 1016.9 | 1016.2 | 1015.6 | 1014.9 | 1014.2 | 1013.9 | 1013.9 | 1013.9 | 1013.9 | 1013.9 | 1013.9 |
| 170°   | 1023.8 | 1023.1 | 1022.5 | 1021.8 | 1021.1 | 1020.8 | 1020.8 | 1020.8 | 1020.8 | 1020.8 | 1020.8 |
| 172.5° | 1028.4 | 1027.6 | 1026.7 | 1025.9 | 1025.0 | 1024.6 | 1024.7 | 1024.9 | 1025.0 | 1025.2 | 1025.4 |
| 175°   | 1032.3 | 1031.4 | 1030.6 | 1029.7 | 1028.8 | 1028.4 | 1028.5 | 1028.7 | 1028.8 | 1029.0 | 1029.2 |
| 177.5° | 1033.8 | 1033.0 | 1032.1 | 1031.3 | 1030.4 | 1030.0 | 1030.1 | 1030.2 | 1030.4 | 1030.5 | 1030.7 |
| 180°   | 1032.3 | 1032.3 | 1032.3 | 1032.3 | 1032.3 | 1032.3 | 1032.3 | 1032.3 | 1032.3 | 1032.3 | 1032.3 |

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**CANDELA DISTRIBUTION (continued):**

|        | 50°   | 55°   | 60°   | 65°   | 67.5° | 70°   | 75°   | 80°   | 85°   | 90°   | 95°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 470.2 | 470.2 | 470.2 | 470.2 | 470.2 | 470.2 | 470.2 | 470.2 | 470.2 | 470.2 | 470.2 |
| 2.5°   | 495.2 | 496.1 | 499.3 | 501.6 | 506.1 | 505.7 | 505.7 | 505.2 | 503.9 | 506.1 | 507.5 |
| 5°     | 529.8 | 537.6 | 538.5 | 548.5 | 549.0 | 553.1 | 555.8 | 553.5 | 559.0 | 558.5 | 554.4 |
| 7.5°   | 572.7 | 583.1 | 588.1 | 597.7 | 608.6 | 605.9 | 616.4 | 618.2 | 617.3 | 621.9 | 625.0 |
| 10°    | 619.6 | 637.8 | 650.6 | 668.3 | 672.9 | 675.6 | 682.5 | 688.4 | 700.2 | 691.1 | 697.0 |
| 12.5°  | 673.3 | 686.6 | 703.4 | 731.7 | 745.8 | 754.9 | 758.1 | 762.2 | 770.4 | 765.4 | 765.8 |
| 15°    | 718.4 | 736.2 | 764.9 | 800.0 | 804.1 | 815.5 | 812.7 | 837.3 | 849.2 | 831.4 | 841.4 |
| 17.5°  | 765.4 | 789.1 | 823.2 | 853.7 | 871.1 | 878.8 | 886.1 | 909.8 | 908.9 | 906.1 | 908.4 |
| 20°    | 795.4 | 834.2 | 876.5 | 917.1 | 922.1 | 928.0 | 947.6 | 957.6 | 955.8 | 963.5 | 968.6 |
| 22.5°  | 837.8 | 878.8 | 923.9 | 950.8 | 962.2 | 969.0 | 984.5 | 990.9 | 993.6 | 995.4 | 992.2 |
| 25°    | 873.3 | 917.1 | 950.3 | 974.0 | 980.9 | 984.5 | 989.5 | 991.3 | 990.0 | 986.8 | 989.5 |
| 27.5°  | 897.5 | 932.6 | 955.3 | 966.3 | 962.6 | 956.7 | 947.1 | 940.8 | 926.6 | 919.8 | 928.0 |
| 30°    | 907.5 | 923.0 | 929.8 | 911.6 | 893.4 | 878.8 | 860.6 | 826.9 | 800.4 | 808.2 | 797.7 |
| 32.5°  | 891.6 | 881.5 | 848.7 | 801.8 | 787.7 | 764.0 | 712.5 | 672.9 | 674.3 | 653.3 | 662.0 |
| 35°    | 844.6 | 799.1 | 737.1 | 666.1 | 647.4 | 634.6 | 578.1 | 569.5 | 551.2 | 531.7 | 537.1 |
| 37.5°  | 761.7 | 695.2 | 620.0 | 567.6 | 539.9 | 512.1 | 480.2 | 461.0 | 450.1 | 441.9 | 448.3 |
| 40°    | 660.6 | 579.5 | 517.5 | 470.6 | 446.9 | 429.2 | 407.3 | 388.2 | 375.8 | 374.5 | 376.8 |
| 42.5°  | 561.3 | 492.9 | 436.0 | 391.3 | 383.6 | 362.6 | 348.5 | 333.5 | 329.8 | 323.9 | 327.1 |
| 45°    | 475.2 | 419.6 | 372.7 | 336.2 | 327.1 | 321.6 | 304.3 | 294.8 | 290.7 | 287.0 | 292.5 |
| 47.5°  | 412.8 | 354.4 | 320.3 | 298.4 | 289.3 | 280.2 | 270.6 | 264.2 | 261.0 | 261.5 | 261.0 |
| 50°    | 352.6 | 309.8 | 279.7 | 262.9 | 257.4 | 251.0 | 243.3 | 239.2 | 237.8 | 233.7 | 236.9 |
| 52.5°  | 303.4 | 272.4 | 251.5 | 235.5 | 231.4 | 226.9 | 220.5 | 218.2 | 215.0 | 214.1 | 214.1 |
| 55°    | 263.8 | 239.6 | 222.8 | 212.3 | 207.3 | 203.6 | 200.0 | 197.3 | 195.0 | 195.0 | 195.0 |
| 57.5°  | 232.8 | 211.8 | 199.5 | 190.4 | 188.6 | 185.0 | 180.9 | 180.9 | 177.7 | 177.2 | 178.6 |
| 60°    | 206.4 | 187.7 | 178.1 | 170.4 | 167.7 | 166.7 | 162.6 | 162.6 | 161.7 | 159.5 | 161.3 |
| 62.5°  | 179.5 | 165.8 | 157.6 | 151.7 | 149.0 | 149.0 | 145.8 | 143.5 | 143.5 | 144.0 | 143.1 |
| 65°    | 154.9 | 144.9 | 137.6 | 133.0 | 131.7 | 129.8 | 129.4 | 127.6 | 126.2 | 126.6 | 126.2 |
| 67.5°  | 133.0 | 125.3 | 120.3 | 116.6 | 114.3 | 113.4 | 112.1 | 112.1 | 111.2 | 111.6 | 109.3 |
| 70°    | 113.4 | 105.7 | 101.6 | 97.9  | 97.0  | 97.0  | 95.2  | 95.7  | 94.8  | 96.1  | 95.2  |
| 72.5°  | 93.4  | 87.5  | 84.3  | 82.9  | 82.0  | 81.5  | 80.6  | 79.7  | 79.3  | 80.2  | 79.7  |
| 75°    | 75.6  | 70.6  | 68.3  | 67.4  | 66.5  | 66.5  | 66.1  | 65.6  | 65.1  | 65.1  | 65.1  |
| 77.5°  | 58.8  | 55.6  | 52.8  | 53.8  | 52.4  | 52.8  | 51.5  | 51.5  | 51.9  | 51.5  | 51.5  |
| 80°    | 43.3  | 41.0  | 41.0  | 40.1  | 38.3  | 39.2  | 39.2  | 37.8  | 37.4  | 38.3  | 36.9  |
| 82.5°  | 28.7  | 28.2  | 27.3  | 26.9  | 26.0  | 26.4  | 26.0  | 25.5  | 25.1  | 26.0  | 25.1  |
| 85°    | 16.9  | 16.9  | 16.4  | 15.5  | 16.4  | 15.9  | 15.5  | 15.5  | 15.0  | 15.0  | 15.0  |
| 87.5°  | 8.7   | 7.7   | 7.7   | 7.3   | 7.7   | 6.8   | 7.3   | 6.8   | 6.4   | 6.8   | 6.4   |
| 90°    | 19.1  | 19.8  | 20.5  | 21.2  | 21.5  | 21.7  | 22.0  | 22.3  | 22.7  | 23.0  | 22.7  |
| 92.5°  | 21.1  | 22.3  | 23.5  | 24.7  | 25.3  | 25.4  | 25.6  | 25.7  | 25.9  | 26.1  | 25.9  |
| 95°    | 25.0  | 26.2  | 27.3  | 28.5  | 29.1  | 29.1  | 29.1  | 29.1  | 29.1  | 29.1  | 29.1  |
| 97.5°  | 25.9  | 27.3  | 28.6  | 30.0  | 30.7  | 30.8  | 30.9  | 31.1  | 31.2  | 31.4  | 31.2  |
| 100°   | 26.7  | 28.0  | 29.4  | 30.7  | 31.4  | 31.5  | 31.7  | 31.8  | 32.0  | 32.2  | 32.0  |
| 102.5° | 51.2  | 45.5  | 39.9  | 34.2  | 31.4  | 31.6  | 31.9  | 32.3  | 32.6  | 33.0  | 32.6  |
| 105°   | 137.8 | 107.6 | 77.5  | 47.3  | 32.2  | 32.4  | 32.7  | 33.0  | 33.4  | 33.7  | 33.4  |
| 107.5° | 272.1 | 245.8 | 219.6 | 193.3 | 180.2 | 169.0 | 146.7 | 124.4 | 102.1 | 79.8  | 102.1 |
| 110°   | 340.3 | 334.7 | 329.0 | 323.4 | 320.6 | 308.4 | 284.0 | 259.7 | 235.3 | 210.9 | 235.3 |

TEST NUMBER: P1011652

CATALOG NUMBER: S123DIP-B340D805UB35-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 50°    | 55°    | 60°    | 65°    | 67.5°  | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 395.7  | 397.3  | 398.8  | 400.3  | 401.1  | 400.9  | 400.6  | 400.3  | 399.9  | 399.6  | 399.9  |
| 115°   | 441.9  | 443.6  | 445.3  | 447.0  | 447.9  | 448.2  | 448.9  | 449.6  | 450.2  | 450.9  | 450.2  |
| 117.5° | 486.9  | 488.2  | 489.6  | 490.9  | 491.6  | 491.7  | 491.9  | 492.0  | 492.2  | 492.4  | 492.2  |
| 120°   | 530.6  | 531.9  | 533.3  | 534.6  | 535.3  | 535.3  | 535.3  | 535.3  | 535.3  | 535.3  | 535.3  |
| 122.5° | 573.7  | 574.6  | 575.4  | 576.3  | 576.7  | 576.8  | 577.0  | 577.1  | 577.3  | 577.5  | 577.3  |
| 125°   | 613.9  | 614.2  | 614.6  | 614.9  | 615.1  | 615.3  | 615.6  | 615.9  | 616.3  | 616.6  | 616.3  |
| 127.5° | 654.7  | 655.2  | 655.7  | 656.2  | 656.5  | 656.3  | 656.0  | 655.6  | 655.3  | 654.9  | 655.3  |
| 130°   | 690.9  | 691.6  | 692.3  | 693.0  | 693.3  | 693.1  | 692.8  | 692.5  | 692.1  | 691.8  | 692.1  |
| 132.5° | 725.4  | 726.1  | 726.8  | 727.5  | 727.8  | 727.5  | 727.0  | 726.5  | 726.0  | 725.5  | 726.0  |
| 135°   | 760.5  | 761.0  | 761.5  | 762.0  | 762.3  | 762.0  | 761.5  | 761.0  | 760.5  | 760.0  | 760.5  |
| 137.5° | 791.5  | 792.4  | 793.2  | 794.1  | 794.5  | 794.3  | 794.0  | 793.7  | 793.3  | 793.0  | 793.3  |
| 140°   | 821.3  | 822.0  | 822.7  | 823.4  | 823.7  | 823.5  | 823.2  | 822.8  | 822.5  | 822.1  | 822.5  |
| 142.5° | 849.5  | 850.0  | 850.5  | 851.0  | 851.3  | 851.0  | 850.5  | 850.0  | 849.5  | 849.0  | 849.5  |
| 145°   | 875.4  | 875.7  | 876.1  | 876.4  | 876.6  | 876.6  | 876.6  | 876.6  | 876.6  | 876.6  | 876.6  |
| 147.5° | 899.2  | 899.5  | 899.9  | 900.2  | 900.4  | 900.0  | 899.1  | 898.2  | 897.4  | 896.5  | 897.4  |
| 150°   | 920.6  | 921.0  | 921.3  | 921.6  | 921.8  | 921.5  | 921.0  | 920.5  | 920.0  | 919.5  | 920.0  |
| 152.5° | 939.4  | 940.1  | 940.8  | 941.5  | 941.8  | 941.4  | 940.5  | 939.6  | 938.8  | 937.9  | 938.8  |
| 155°   | 956.4  | 957.3  | 958.1  | 959.0  | 959.4  | 958.9  | 957.9  | 956.8  | 955.8  | 954.8  | 955.8  |
| 157.5° | 971.9  | 972.9  | 974.0  | 975.0  | 975.5  | 974.8  | 973.5  | 972.1  | 970.8  | 969.4  | 970.8  |
| 160°   | 984.9  | 985.9  | 987.0  | 988.0  | 988.5  | 987.9  | 986.7  | 985.6  | 984.4  | 983.2  | 984.4  |
| 162.5° | 996.7  | 997.9  | 999.0  | 1000.2 | 1000.8 | 1000.3 | 999.3  | 998.2  | 997.2  | 996.2  | 997.2  |
| 165°   | 1006.8 | 1008.2 | 1009.5 | 1010.9 | 1011.6 | 1011.0 | 1009.8 | 1008.6 | 1007.4 | 1006.2 | 1007.4 |
| 167.5° | 1015.3 | 1016.6 | 1018.0 | 1019.3 | 1020.0 | 1019.3 | 1018.0 | 1016.6 | 1015.3 | 1013.9 | 1015.3 |
| 170°   | 1022.2 | 1023.5 | 1024.9 | 1026.2 | 1026.9 | 1026.2 | 1024.9 | 1023.5 | 1022.2 | 1020.8 | 1022.2 |
| 172.5° | 1026.8 | 1028.1 | 1029.5 | 1030.8 | 1031.5 | 1030.7 | 1029.2 | 1027.7 | 1026.1 | 1024.6 | 1026.1 |
| 175°   | 1030.4 | 1031.6 | 1032.8 | 1034.0 | 1034.6 | 1033.9 | 1032.5 | 1031.2 | 1029.8 | 1028.4 | 1029.8 |
| 177.5° | 1032.1 | 1033.5 | 1034.8 | 1036.2 | 1036.9 | 1036.0 | 1034.3 | 1032.6 | 1030.9 | 1029.2 | 1030.9 |
| 180°   | 1032.3 | 1032.3 | 1032.3 | 1032.3 | 1032.3 | 1032.3 | 1032.3 | 1032.3 | 1032.3 | 1032.3 | 1032.3 |

TEST NUMBER: P1011652

CATALOG NUMBER: S123DIP-B340D805UB35-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 100°  | 105°  | 110°  | 112.5° | 115°  | 120°  | 125°  | 130°  | 135°  | 140°  | 145°  |
|--------|-------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 470.2 | 470.2 | 470.2 | 470.2  | 470.2 | 470.2 | 470.2 | 470.2 | 470.2 | 470.2 | 470.2 |
| 2.5°   | 503.9 | 505.2 | 501.6 | 500.7  | 500.7 | 502.5 | 501.1 | 488.8 | 491.1 | 488.4 | 487.5 |
| 5°     | 559.4 | 556.7 | 553.1 | 551.2  | 549.0 | 542.6 | 542.1 | 528.0 | 525.3 | 516.2 | 512.1 |
| 7.5°   | 620.5 | 618.2 | 607.3 | 605.9  | 605.0 | 599.1 | 584.0 | 569.0 | 558.1 | 547.6 | 537.6 |
| 10°    | 690.2 | 683.4 | 678.4 | 668.3  | 663.3 | 655.1 | 635.5 | 621.4 | 602.7 | 586.8 | 565.8 |
| 12.5°  | 774.0 | 766.3 | 749.4 | 742.1  | 735.8 | 713.0 | 693.4 | 677.4 | 641.0 | 630.1 | 604.1 |
| 15°    | 835.5 | 819.1 | 817.3 | 801.4  | 800.4 | 775.4 | 738.0 | 720.7 | 692.5 | 652.4 | 625.5 |
| 17.5°  | 902.0 | 887.5 | 876.1 | 856.9  | 854.2 | 830.5 | 803.2 | 760.8 | 729.8 | 691.6 | 657.4 |
| 20°    | 950.8 | 943.0 | 923.5 | 915.7  | 899.8 | 879.7 | 851.5 | 799.1 | 761.3 | 723.0 | 681.1 |
| 22.5°  | 989.5 | 981.8 | 966.3 | 955.8  | 946.7 | 920.7 | 887.0 | 842.4 | 790.4 | 740.3 | 697.0 |
| 25°    | 989.1 | 986.8 | 980.4 | 975.4  | 968.6 | 949.4 | 921.2 | 878.3 | 820.5 | 765.4 | 705.2 |
| 27.5°  | 933.0 | 939.4 | 950.3 | 955.8  | 954.4 | 951.7 | 935.8 | 899.8 | 847.8 | 782.2 | 714.8 |
| 30°    | 816.4 | 839.6 | 860.1 | 887.5  | 895.7 | 915.7 | 924.8 | 904.3 | 862.9 | 801.8 | 727.1 |
| 32.5°  | 677.0 | 710.7 | 755.3 | 770.4  | 796.3 | 835.1 | 878.3 | 886.1 | 860.1 | 813.2 | 734.8 |
| 35°    | 555.3 | 583.1 | 617.8 | 641.5  | 664.7 | 727.6 | 782.2 | 829.6 | 838.3 | 807.3 | 733.0 |
| 37.5°  | 459.7 | 479.3 | 509.8 | 529.8  | 551.2 | 605.0 | 681.5 | 743.0 | 786.3 | 787.2 | 728.0 |
| 40°    | 390.4 | 399.1 | 425.5 | 440.1  | 460.6 | 507.1 | 575.4 | 655.6 | 718.9 | 748.1 | 714.8 |
| 42.5°  | 330.7 | 342.1 | 364.0 | 374.9  | 388.2 | 428.7 | 473.8 | 549.9 | 628.2 | 690.7 | 690.2 |
| 45°    | 295.2 | 303.4 | 313.4 | 322.5  | 337.6 | 361.7 | 413.2 | 470.2 | 545.3 | 615.9 | 643.7 |
| 47.5°  | 263.8 | 271.5 | 281.5 | 284.3  | 294.3 | 317.1 | 348.5 | 398.2 | 468.3 | 538.5 | 590.9 |
| 50°    | 237.4 | 243.7 | 250.6 | 255.6  | 260.1 | 278.8 | 302.5 | 344.4 | 400.5 | 468.3 | 533.5 |
| 52.5°  | 216.9 | 221.4 | 227.3 | 230.1  | 234.2 | 247.8 | 266.1 | 297.0 | 343.0 | 405.0 | 468.3 |
| 55°    | 197.7 | 200.9 | 204.6 | 209.1  | 210.9 | 221.0 | 235.1 | 261.5 | 295.7 | 351.2 | 411.4 |
| 57.5°  | 180.0 | 181.3 | 183.6 | 186.3  | 188.6 | 197.3 | 209.6 | 227.3 | 257.4 | 300.2 | 357.2 |
| 60°    | 159.9 | 163.6 | 164.9 | 167.7  | 169.0 | 175.9 | 185.4 | 200.5 | 223.7 | 260.6 | 303.4 |
| 62.5°  | 143.1 | 145.3 | 147.6 | 149.0  | 152.2 | 154.4 | 162.2 | 175.9 | 195.0 | 222.3 | 261.0 |
| 65°    | 128.0 | 128.9 | 130.3 | 131.7  | 132.6 | 135.3 | 142.6 | 151.7 | 166.3 | 190.4 | 220.5 |
| 67.5°  | 110.7 | 111.6 | 113.4 | 113.9  | 114.8 | 118.4 | 122.5 | 130.3 | 142.6 | 160.8 | 185.4 |
| 70°    | 93.8  | 95.2  | 96.1  | 97.0   | 98.4  | 99.8  | 104.3 | 110.7 | 120.3 | 133.0 | 152.2 |
| 72.5°  | 79.3  | 80.6  | 80.6  | 81.5   | 81.1  | 82.9  | 87.5  | 92.0  | 98.4  | 108.9 | 125.7 |
| 75°    | 64.7  | 64.7  | 65.6  | 66.1   | 66.5  | 68.3  | 70.2  | 73.8  | 78.8  | 87.0  | 97.5  |
| 77.5°  | 51.0  | 50.6  | 51.5  | 51.5   | 51.5  | 52.8  | 54.7  | 56.5  | 59.7  | 65.6  | 73.8  |
| 80°    | 37.4  | 37.4  | 38.3  | 38.7   | 37.8  | 38.3  | 39.2  | 41.0  | 43.3  | 47.4  | 51.9  |
| 82.5°  | 24.6  | 26.4  | 26.0  | 26.4   | 26.0  | 26.9  | 27.3  | 27.8  | 28.7  | 30.5  | 33.7  |
| 85°    | 15.0  | 15.0  | 15.0  | 15.5   | 15.0  | 15.5  | 15.5  | 15.5  | 15.9  | 16.9  | 18.2  |
| 87.5°  | 6.4   | 6.4   | 6.4   | 6.8    | 6.4   | 6.4   | 6.8   | 6.4   | 6.8   | 6.8   | 7.3   |
| 90°    | 22.3  | 22.0  | 21.7  | 21.5   | 21.2  | 20.5  | 19.8  | 19.1  | 18.4  | 16.2  | 14.0  |
| 92.5°  | 25.7  | 25.6  | 25.4  | 25.3   | 24.7  | 23.5  | 22.3  | 21.1  | 19.9  | 18.4  | 16.8  |
| 95°    | 29.1  | 29.1  | 29.1  | 29.1   | 28.5  | 27.3  | 26.2  | 25.0  | 23.8  | 21.9  | 20.0  |
| 97.5°  | 31.1  | 30.9  | 30.8  | 30.7   | 30.0  | 28.6  | 27.3  | 25.9  | 24.5  | 33.2  | 41.9  |
| 100°   | 31.8  | 31.7  | 31.5  | 31.4   | 30.7  | 29.4  | 28.0  | 26.7  | 25.3  | 51.9  | 78.5  |
| 102.5° | 32.3  | 31.9  | 31.6  | 31.4   | 34.2  | 39.9  | 45.5  | 51.2  | 56.8  | 86.4  | 116.1 |
| 105°   | 33.0  | 32.7  | 32.4  | 32.2   | 47.3  | 77.5  | 107.6 | 137.8 | 168.0 | 183.3 | 198.7 |
| 107.5° | 124.4 | 146.7 | 169.0 | 180.2  | 193.3 | 219.6 | 245.8 | 272.1 | 298.3 | 295.7 | 293.2 |
| 110°   | 259.7 | 284.0 | 308.4 | 320.6  | 323.4 | 329.0 | 334.7 | 340.3 | 345.9 | 344.0 | 342.1 |

TEST NUMBER: P1011652

CATALOG NUMBER: S123DIP-B340D805UB35-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 100°   | 105°   | 110°   | 112.5° | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 400.3  | 400.6  | 400.9  | 401.1  | 400.3  | 398.8  | 397.3  | 395.7  | 394.2  | 392.3  | 390.5  |
| 115°   | 449.6  | 448.9  | 448.2  | 447.9  | 447.0  | 445.3  | 443.6  | 441.9  | 440.2  | 438.7  | 437.1  |
| 117.5° | 492.0  | 491.9  | 491.7  | 491.6  | 490.9  | 489.6  | 488.2  | 486.9  | 485.5  | 484.6  | 483.8  |
| 120°   | 535.3  | 535.3  | 535.3  | 535.3  | 534.6  | 533.3  | 531.9  | 530.6  | 529.2  | 528.7  | 528.2  |
| 122.5° | 577.1  | 577.0  | 576.8  | 576.7  | 576.3  | 575.4  | 574.6  | 573.7  | 572.9  | 572.2  | 571.5  |
| 125°   | 615.9  | 615.6  | 615.3  | 615.1  | 614.9  | 614.6  | 614.2  | 613.9  | 613.5  | 612.8  | 612.2  |
| 127.5° | 655.6  | 656.0  | 656.3  | 656.5  | 656.2  | 655.7  | 655.2  | 654.7  | 654.2  | 653.3  | 652.5  |
| 130°   | 692.5  | 692.8  | 693.1  | 693.3  | 693.0  | 692.3  | 691.6  | 690.9  | 690.2  | 689.5  | 688.9  |
| 132.5° | 726.5  | 727.0  | 727.5  | 727.8  | 727.5  | 726.8  | 726.1  | 725.4  | 724.7  | 724.2  | 723.7  |
| 135°   | 761.0  | 761.5  | 762.0  | 762.3  | 762.0  | 761.5  | 761.0  | 760.5  | 760.0  | 759.3  | 758.6  |
| 137.5° | 793.7  | 794.0  | 794.3  | 794.5  | 794.1  | 793.2  | 792.4  | 791.5  | 790.7  | 790.4  | 790.0  |
| 140°   | 822.8  | 823.2  | 823.5  | 823.7  | 823.4  | 822.7  | 822.0  | 821.3  | 820.6  | 820.1  | 819.6  |
| 142.5° | 850.0  | 850.5  | 851.0  | 851.3  | 851.0  | 850.5  | 850.0  | 849.5  | 849.0  | 848.5  | 848.0  |
| 145°   | 876.6  | 876.6  | 876.6  | 876.6  | 876.4  | 876.1  | 875.7  | 875.4  | 875.0  | 874.7  | 874.3  |
| 147.5° | 898.2  | 899.1  | 900.0  | 900.4  | 900.2  | 899.9  | 899.5  | 899.2  | 898.8  | 898.5  | 898.1  |
| 150°   | 920.5  | 921.0  | 921.5  | 921.8  | 921.6  | 921.3  | 921.0  | 920.6  | 920.3  | 920.0  | 919.6  |
| 152.5° | 939.6  | 940.5  | 941.4  | 941.8  | 941.5  | 940.8  | 940.1  | 939.4  | 938.7  | 938.5  | 938.3  |
| 155°   | 956.8  | 957.9  | 958.9  | 959.4  | 959.0  | 958.1  | 957.3  | 956.4  | 955.6  | 955.4  | 955.2  |
| 157.5° | 972.1  | 973.5  | 974.8  | 975.5  | 975.0  | 974.0  | 972.9  | 971.9  | 970.9  | 971.1  | 971.3  |
| 160°   | 985.6  | 986.7  | 987.9  | 988.5  | 988.0  | 987.0  | 985.9  | 984.9  | 983.9  | 984.1  | 984.3  |
| 162.5° | 998.2  | 999.3  | 1000.3 | 1000.8 | 1000.2 | 999.0  | 997.9  | 996.7  | 995.5  | 995.7  | 995.8  |
| 165°   | 1008.6 | 1009.8 | 1011.0 | 1011.6 | 1010.9 | 1009.5 | 1008.2 | 1006.8 | 1005.4 | 1005.6 | 1005.8 |
| 167.5° | 1016.6 | 1018.0 | 1019.3 | 1020.0 | 1019.3 | 1018.0 | 1016.6 | 1015.3 | 1013.9 | 1013.9 | 1013.9 |
| 170°   | 1023.5 | 1024.9 | 1026.2 | 1026.9 | 1026.2 | 1024.9 | 1023.5 | 1022.2 | 1020.8 | 1020.8 | 1020.8 |
| 172.5° | 1027.7 | 1029.2 | 1030.7 | 1031.5 | 1030.8 | 1029.5 | 1028.1 | 1026.8 | 1025.4 | 1025.2 | 1025.0 |
| 175°   | 1031.2 | 1032.5 | 1033.9 | 1034.6 | 1034.0 | 1032.8 | 1031.6 | 1030.4 | 1029.2 | 1029.0 | 1028.8 |
| 177.5° | 1032.6 | 1034.3 | 1036.0 | 1036.9 | 1036.2 | 1034.8 | 1033.5 | 1032.1 | 1030.7 | 1030.5 | 1030.4 |
| 180°   | 1032.3 | 1032.3 | 1032.3 | 1032.3 | 1032.3 | 1032.3 | 1032.3 | 1032.3 | 1032.3 | 1032.3 | 1032.3 |

TEST NUMBER: P1011652

CATALOG NUMBER: S123DIP-B340D805UB35-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 150°  | 155°  | 157.5° | 160°  | 165°  | 170°  | 175°  | 180°  | 185°  | 190°  | 195°  |
|--------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 470.2 | 470.2 | 470.2  | 470.2 | 470.2 | 470.2 | 470.2 | 470.2 | 470.2 | 470.2 | 470.2 |
| 2.5°   | 482.9 | 481.5 | 481.5  | 480.6 | 477.9 | 472.9 | 472.4 | 473.3 | 470.6 | 467.9 | 463.8 |
| 5°     | 506.6 | 497.9 | 495.2  | 492.5 | 487.0 | 477.9 | 474.3 | 471.1 | 466.1 | 460.1 | 453.8 |
| 7.5°   | 526.6 | 514.3 | 510.7  | 505.7 | 494.8 | 482.0 | 473.8 | 467.0 | 460.1 | 451.9 | 444.2 |
| 10°    | 551.7 | 533.9 | 525.3  | 518.0 | 503.0 | 485.2 | 472.9 | 462.9 | 451.9 | 441.9 | 431.9 |
| 12.5°  | 579.9 | 551.2 | 548.5  | 530.7 | 513.4 | 487.0 | 472.0 | 457.4 | 442.8 | 430.5 | 420.0 |
| 15°    | 603.6 | 572.2 | 560.8  | 549.0 | 515.7 | 482.9 | 468.3 | 451.9 | 435.1 | 421.9 | 406.4 |
| 17.5°  | 618.7 | 592.7 | 568.6  | 552.6 | 518.0 | 488.8 | 460.6 | 441.9 | 424.1 | 405.9 | 393.2 |
| 20°    | 636.9 | 599.1 | 578.1  | 556.7 | 522.5 | 484.3 | 456.0 | 432.8 | 410.9 | 394.5 | 379.0 |
| 22.5°  | 655.1 | 604.1 | 586.8  | 563.5 | 523.5 | 479.7 | 447.8 | 424.6 | 399.5 | 383.1 | 366.3 |
| 25°    | 653.3 | 611.4 | 582.7  | 563.1 | 514.3 | 475.6 | 438.3 | 410.9 | 387.7 | 366.7 | 349.9 |
| 27.5°  | 654.7 | 603.2 | 574.0  | 551.2 | 508.0 | 469.7 | 428.2 | 399.5 | 375.4 | 353.5 | 335.8 |
| 30°    | 655.1 | 590.9 | 565.4  | 538.0 | 496.1 | 455.6 | 416.9 | 387.7 | 362.2 | 338.5 | 322.5 |
| 32.5°  | 653.8 | 580.9 | 549.0  | 524.4 | 477.4 | 441.9 | 403.6 | 372.7 | 346.7 | 324.8 | 309.8 |
| 35°    | 650.6 | 569.0 | 532.1  | 501.1 | 458.3 | 422.3 | 391.3 | 359.4 | 331.7 | 311.6 | 294.3 |
| 37.5°  | 641.9 | 556.3 | 514.3  | 483.8 | 436.0 | 399.5 | 372.2 | 345.8 | 318.9 | 295.2 | 280.6 |
| 40°    | 635.5 | 538.9 | 496.6  | 463.3 | 411.8 | 376.3 | 353.5 | 328.5 | 302.0 | 280.6 | 266.5 |
| 42.5°  | 620.9 | 522.5 | 478.4  | 438.7 | 388.2 | 351.7 | 330.3 | 310.2 | 287.5 | 266.5 | 253.8 |
| 45°    | 597.3 | 504.8 | 456.0  | 415.9 | 362.2 | 327.6 | 308.0 | 291.6 | 271.5 | 251.5 | 238.7 |
| 47.5°  | 564.0 | 479.3 | 432.3  | 392.3 | 336.7 | 301.6 | 282.0 | 269.7 | 253.8 | 236.9 | 226.0 |
| 50°    | 528.0 | 451.5 | 408.2  | 368.6 | 312.1 | 277.9 | 258.8 | 247.4 | 236.9 | 221.4 | 210.9 |
| 52.5°  | 481.1 | 421.9 | 380.4  | 342.6 | 285.6 | 252.8 | 236.0 | 227.8 | 216.9 | 205.9 | 196.8 |
| 55°    | 435.5 | 383.6 | 349.4  | 313.4 | 259.7 | 229.2 | 212.8 | 204.1 | 197.7 | 188.6 | 181.3 |
| 57.5°  | 382.7 | 348.1 | 316.6  | 283.8 | 235.5 | 207.7 | 192.3 | 181.8 | 177.7 | 173.6 | 166.7 |
| 60°    | 333.9 | 307.5 | 282.0  | 254.7 | 210.5 | 185.4 | 170.4 | 162.2 | 158.1 | 155.4 | 150.8 |
| 62.5°  | 289.3 | 268.8 | 246.9  | 225.1 | 185.0 | 162.2 | 150.8 | 142.6 | 139.0 | 138.5 | 134.4 |
| 65°    | 246.5 | 231.9 | 214.1  | 192.7 | 161.3 | 141.2 | 130.3 | 125.3 | 121.2 | 121.2 | 118.0 |
| 67.5°  | 203.6 | 193.6 | 179.5  | 164.5 | 139.9 | 121.2 | 111.2 | 106.6 | 104.3 | 104.3 | 102.0 |
| 70°    | 169.5 | 162.6 | 149.9  | 136.7 | 115.3 | 101.1 | 93.4  | 89.3  | 87.9  | 88.4  | 86.6  |
| 72.5°  | 137.6 | 130.3 | 119.8  | 110.2 | 94.3  | 83.8  | 78.4  | 73.8  | 71.5  | 72.0  | 71.5  |
| 75°    | 106.6 | 103.0 | 93.8   | 86.6  | 73.8  | 66.5  | 61.5  | 59.2  | 57.4  | 57.9  | 56.9  |
| 77.5°  | 80.2  | 74.7  | 69.7   | 64.7  | 56.9  | 51.0  | 46.9  | 44.6  | 43.3  | 43.3  | 43.3  |
| 80°    | 54.7  | 53.8  | 49.7   | 46.9  | 40.5  | 36.0  | 32.8  | 32.3  | 31.0  | 31.0  | 31.0  |
| 82.5°  | 35.5  | 33.3  | 31.0   | 29.2  | 25.5  | 22.8  | 21.4  | 20.5  | 20.0  | 19.6  | 20.5  |
| 85°    | 19.6  | 18.2  | 17.3   | 15.5  | 14.1  | 12.8  | 11.4  | 10.9  | 10.5  | 10.9  | 10.5  |
| 87.5°  | 7.7   | 6.4   | 6.4    | 5.9   | 5.5   | 5.0   | 5.0   | 4.1   | 4.1   | 3.6   | 3.6   |
| 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°  | 15.3  | 13.8  | 13.0   | 13.5  | 14.5  | 15.6  | 16.6  | 17.6  | 16.6  | 15.6  | 14.5  |
| 95°    | 18.1  | 16.2  | 15.3   | 18.8  | 25.8  | 32.8  | 39.8  | 46.8  | 39.8  | 32.8  | 25.8  |
| 97.5°  | 50.6  | 59.3  | 63.7   | 66.1  | 70.8  | 75.6  | 80.3  | 85.1  | 80.3  | 75.6  | 70.8  |
| 100°   | 105.0 | 131.6 | 144.9  | 143.2 | 139.8 | 136.4 | 133.0 | 129.6 | 133.0 | 136.4 | 139.8 |
| 102.5° | 145.7 | 175.4 | 190.2  | 189.1 | 186.9 | 184.6 | 182.4 | 180.2 | 182.4 | 184.6 | 186.9 |
| 105°   | 214.0 | 229.3 | 237.0  | 236.1 | 234.2 | 232.3 | 230.4 | 228.5 | 230.4 | 232.3 | 234.2 |
| 107.5° | 290.6 | 288.1 | 286.8  | 286.0 | 284.5 | 283.0 | 281.4 | 279.9 | 281.4 | 283.0 | 284.5 |
| 110°   | 340.2 | 338.3 | 337.4  | 336.7 | 335.4 | 334.0 | 332.7 | 331.3 | 332.7 | 334.0 | 335.4 |

TEST NUMBER: P1011652

CATALOG NUMBER: S123DIP-B340D805UB35-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 150°   | 155°   | 157.5° | 160°   | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 388.6  | 386.7  | 385.8  | 385.2  | 384.0  | 382.8  | 381.6  | 380.4  | 381.6  | 382.8  | 384.0  |
| 115°   | 435.6  | 434.1  | 433.3  | 432.8  | 431.8  | 430.7  | 429.7  | 428.7  | 429.7  | 430.7  | 431.8  |
| 117.5° | 482.9  | 482.0  | 481.6  | 481.0  | 479.8  | 478.7  | 477.5  | 476.3  | 477.5  | 478.7  | 479.8  |
| 120°   | 527.7  | 527.2  | 526.9  | 526.1  | 524.6  | 523.1  | 521.5  | 520.0  | 521.5  | 523.1  | 524.6  |
| 122.5° | 570.8  | 570.1  | 569.8  | 569.2  | 568.0  | 566.8  | 565.6  | 564.4  | 565.6  | 566.8  | 568.0  |
| 125°   | 611.5  | 610.8  | 610.5  | 609.8  | 608.4  | 607.1  | 605.7  | 604.3  | 605.7  | 607.1  | 608.4  |
| 127.5° | 651.6  | 650.7  | 650.3  | 649.6  | 648.3  | 646.9  | 645.6  | 644.2  | 645.6  | 646.9  | 648.3  |
| 130°   | 688.2  | 687.5  | 687.2  | 686.5  | 685.1  | 683.8  | 682.4  | 681.0  | 682.4  | 683.8  | 685.1  |
| 132.5° | 723.2  | 722.7  | 722.4  | 721.7  | 720.4  | 719.0  | 717.7  | 716.3  | 717.7  | 719.0  | 720.4  |
| 135°   | 757.9  | 757.2  | 756.9  | 756.4  | 755.4  | 754.3  | 753.3  | 752.3  | 753.3  | 754.3  | 755.4  |
| 137.5° | 789.7  | 789.4  | 789.2  | 788.5  | 787.1  | 785.8  | 784.4  | 783.0  | 784.4  | 785.8  | 787.1  |
| 140°   | 819.1  | 818.6  | 818.3  | 817.8  | 816.8  | 815.7  | 814.7  | 813.7  | 814.7  | 815.7  | 816.8  |
| 142.5° | 847.5  | 847.0  | 846.7  | 846.2  | 845.2  | 844.1  | 843.1  | 842.1  | 843.1  | 844.1  | 845.2  |
| 145°   | 874.0  | 873.7  | 873.5  | 872.9  | 871.7  | 870.5  | 869.3  | 868.1  | 869.3  | 870.5  | 871.7  |
| 147.5° | 897.8  | 897.5  | 897.3  | 896.9  | 896.0  | 895.2  | 894.3  | 893.5  | 894.3  | 895.2  | 896.0  |
| 150°   | 919.3  | 919.0  | 918.8  | 918.5  | 918.0  | 917.5  | 917.0  | 916.5  | 917.0  | 917.5  | 918.0  |
| 152.5° | 938.2  | 938.0  | 937.9  | 937.8  | 937.7  | 937.5  | 937.4  | 937.2  | 937.4  | 937.5  | 937.7  |
| 155°   | 955.1  | 954.9  | 954.8  | 955.0  | 955.3  | 955.6  | 956.0  | 956.3  | 956.0  | 955.6  | 955.3  |
| 157.5° | 971.4  | 971.6  | 971.7  | 971.7  | 971.7  | 971.7  | 971.7  | 971.7  | 971.7  | 971.7  | 971.7  |
| 160°   | 984.4  | 984.6  | 984.7  | 984.8  | 985.0  | 985.1  | 985.3  | 985.5  | 985.3  | 985.1  | 985.0  |
| 162.5° | 996.0  | 996.1  | 996.2  | 996.5  | 997.0  | 997.5  | 998.0  | 998.5  | 998.0  | 997.5  | 997.0  |
| 165°   | 1005.9 | 1006.1 | 1006.2 | 1006.5 | 1007.0 | 1007.5 | 1008.0 | 1008.5 | 1008.0 | 1007.5 | 1007.0 |
| 167.5° | 1013.9 | 1013.9 | 1013.9 | 1014.2 | 1014.9 | 1015.6 | 1016.2 | 1016.9 | 1016.2 | 1015.6 | 1014.9 |
| 170°   | 1020.8 | 1020.8 | 1020.8 | 1021.1 | 1021.8 | 1022.5 | 1023.1 | 1023.8 | 1023.1 | 1022.5 | 1021.8 |
| 172.5° | 1024.9 | 1024.7 | 1024.6 | 1025.0 | 1025.9 | 1026.7 | 1027.6 | 1028.4 | 1027.6 | 1026.7 | 1025.9 |
| 175°   | 1028.7 | 1028.5 | 1028.4 | 1028.8 | 1029.7 | 1030.6 | 1031.4 | 1032.3 | 1031.4 | 1030.6 | 1029.7 |
| 177.5° | 1030.2 | 1030.1 | 1030.0 | 1030.4 | 1031.3 | 1032.1 | 1033.0 | 1033.8 | 1033.0 | 1032.1 | 1031.3 |
| 180°   | 1032.3 | 1032.3 | 1032.3 | 1032.3 | 1032.3 | 1032.3 | 1032.3 | 1032.3 | 1032.3 | 1032.3 | 1032.3 |

TEST NUMBER: P1011652

CATALOG NUMBER: S123DIP-B340D805UB35-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 200°  | 202.5° | 205°  | 210°  | 215°  | 220°  | 225°  | 230°  | 235°  | 240°  | 245°  |
|--------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 470.2 | 470.2  | 470.2 | 470.2 | 470.2 | 470.2 | 470.2 | 470.2 | 470.2 | 470.2 | 470.2 |
| 2.5°   | 462.9 | 462.4  | 463.3 | 460.6 | 456.0 | 453.8 | 447.4 | 446.0 | 445.6 | 446.0 | 446.5 |
| 5°     | 450.1 | 449.7  | 448.3 | 443.7 | 438.3 | 434.2 | 426.4 | 426.0 | 423.2 | 420.5 | 421.9 |
| 7.5°   | 437.8 | 436.0  | 433.3 | 427.3 | 420.0 | 415.5 | 409.1 | 404.6 | 400.9 | 398.6 | 396.8 |
| 10°    | 425.5 | 422.8  | 420.0 | 412.3 | 403.2 | 396.4 | 388.6 | 385.0 | 380.9 | 379.0 | 377.2 |
| 12.5°  | 409.6 | 406.8  | 401.8 | 392.7 | 387.2 | 378.6 | 370.8 | 367.2 | 364.9 | 361.3 | 359.0 |
| 15°    | 396.8 | 391.3  | 388.6 | 379.0 | 367.6 | 366.7 | 352.6 | 351.7 | 347.1 | 347.1 | 343.5 |
| 17.5°  | 382.2 | 378.1  | 373.1 | 363.5 | 355.3 | 347.1 | 339.9 | 337.1 | 333.0 | 332.1 | 330.3 |
| 20°    | 368.1 | 362.6  | 360.8 | 351.2 | 342.6 | 332.6 | 324.8 | 322.1 | 320.3 | 318.4 | 319.8 |
| 22.5°  | 353.5 | 349.0  | 344.4 | 335.8 | 329.4 | 319.4 | 314.8 | 312.1 | 309.3 | 308.4 | 308.9 |
| 25°    | 339.4 | 335.3  | 330.7 | 322.1 | 315.3 | 307.1 | 303.0 | 301.6 | 300.2 | 300.2 | 299.8 |
| 27.5°  | 325.7 | 321.6  | 317.5 | 309.8 | 303.0 | 297.0 | 293.8 | 292.5 | 291.1 | 292.0 | 292.9 |
| 30°    | 311.6 | 308.0  | 304.3 | 297.5 | 292.0 | 286.6 | 284.7 | 283.8 | 283.4 | 285.6 | 285.6 |
| 32.5°  | 298.9 | 295.7  | 292.9 | 286.6 | 281.1 | 276.5 | 275.2 | 275.6 | 276.1 | 277.4 | 278.4 |
| 35°    | 285.6 | 283.4  | 280.6 | 275.2 | 270.6 | 266.5 | 267.0 | 267.0 | 267.9 | 270.2 | 272.0 |
| 37.5°  | 273.8 | 270.6  | 268.3 | 263.8 | 260.1 | 256.5 | 257.9 | 259.2 | 260.1 | 262.9 | 263.8 |
| 40°    | 259.7 | 258.3  | 256.5 | 251.9 | 248.7 | 248.3 | 248.7 | 249.7 | 251.5 | 252.8 | 254.2 |
| 42.5°  | 248.3 | 246.5  | 244.2 | 240.5 | 237.8 | 238.3 | 238.7 | 239.6 | 240.5 | 242.8 | 244.2 |
| 45°    | 235.5 | 234.2  | 232.3 | 229.2 | 226.9 | 227.3 | 227.8 | 227.8 | 228.7 | 231.4 | 232.3 |
| 47.5°  | 221.4 | 221.9  | 219.6 | 216.4 | 215.0 | 215.0 | 215.0 | 215.9 | 218.2 | 219.1 | 219.6 |
| 50°    | 207.7 | 206.8  | 206.4 | 203.2 | 202.3 | 201.8 | 202.3 | 202.7 | 205.9 | 205.5 | 206.8 |
| 52.5°  | 193.2 | 193.2  | 192.7 | 190.9 | 189.5 | 189.5 | 188.6 | 190.9 | 191.8 | 192.7 | 194.1 |
| 55°    | 179.0 | 177.7  | 177.2 | 176.3 | 174.5 | 174.0 | 174.9 | 177.7 | 178.6 | 179.5 | 180.9 |
| 57.5°  | 163.6 | 163.6  | 162.6 | 161.3 | 161.3 | 161.3 | 161.3 | 163.1 | 164.5 | 165.4 | 168.1 |
| 60°    | 149.4 | 147.6  | 146.2 | 146.2 | 146.2 | 145.8 | 148.5 | 148.5 | 151.3 | 151.7 | 152.6 |
| 62.5°  | 132.6 | 131.7  | 130.8 | 131.2 | 130.8 | 131.7 | 132.6 | 134.4 | 134.9 | 136.2 | 137.6 |
| 65°    | 116.6 | 116.6  | 115.7 | 118.4 | 116.6 | 116.6 | 118.9 | 118.9 | 119.8 | 121.2 | 123.0 |
| 67.5°  | 101.1 | 101.6  | 100.7 | 100.7 | 101.6 | 102.0 | 102.5 | 104.3 | 104.8 | 106.6 | 108.9 |
| 70°    | 85.2  | 86.1   | 86.6  | 85.6  | 86.6  | 87.5  | 88.4  | 88.8  | 90.7  | 91.6  | 92.9  |
| 72.5°  | 71.1  | 72.0   | 70.6  | 71.1  | 71.5  | 72.4  | 72.9  | 73.8  | 74.7  | 77.4  | 78.4  |
| 75°    | 56.9  | 56.5   | 56.0  | 57.9  | 56.9  | 58.8  | 59.2  | 59.2  | 60.1  | 62.4  | 63.3  |
| 77.5°  | 43.7  | 43.7   | 44.2  | 43.3  | 44.6  | 44.2  | 44.6  | 46.0  | 47.4  | 47.4  | 51.0  |
| 80°    | 30.5  | 31.4   | 31.4  | 31.4  | 31.9  | 32.3  | 31.4  | 33.7  | 34.2  | 34.2  | 35.5  |
| 82.5°  | 19.6  | 20.0   | 19.6  | 20.5  | 20.5  | 21.4  | 21.0  | 21.4  | 22.3  | 23.2  | 23.7  |
| 85°    | 10.5  | 10.5   | 11.4  | 11.4  | 10.9  | 11.4  | 10.9  | 11.4  | 12.3  | 12.3  | 12.8  |
| 87.5°  | 3.6   | 3.6    | 3.6   | 3.6   | 4.1   | 3.6   | 4.1   | 4.1   | 3.6   | 3.6   | 5.0   |
| 90°    | 7.6   | 8.4    | 9.5   | 11.7  | 14.0  | 16.2  | 18.4  | 19.1  | 19.8  | 20.5  | 21.2  |
| 92.5°  | 13.5  | 13.0   | 13.8  | 15.3  | 16.8  | 18.4  | 19.9  | 21.1  | 22.3  | 23.5  | 24.7  |
| 95°    | 18.8  | 15.3   | 16.2  | 18.1  | 20.0  | 21.9  | 23.8  | 25.0  | 26.2  | 27.3  | 28.5  |
| 97.5°  | 66.1  | 63.7   | 59.3  | 50.6  | 41.9  | 33.2  | 24.5  | 25.9  | 27.3  | 28.6  | 30.0  |
| 100°   | 143.2 | 144.9  | 131.6 | 105.0 | 78.5  | 51.9  | 25.3  | 26.7  | 28.0  | 29.4  | 30.7  |
| 102.5° | 189.1 | 190.2  | 175.4 | 145.7 | 116.1 | 86.4  | 56.8  | 51.2  | 45.5  | 39.9  | 34.2  |
| 105°   | 236.1 | 237.0  | 229.3 | 214.0 | 198.7 | 183.3 | 168.0 | 137.8 | 107.6 | 77.5  | 47.3  |
| 107.5° | 286.0 | 286.8  | 288.1 | 290.6 | 293.2 | 295.7 | 298.3 | 272.1 | 245.8 | 219.6 | 193.3 |
| 110°   | 336.7 | 337.4  | 338.3 | 340.2 | 342.1 | 344.0 | 345.9 | 340.3 | 334.7 | 329.0 | 323.4 |

TEST NUMBER: P1011652

CATALOG NUMBER: S123DIP-B340D805UB35-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 200°   | 202.5° | 205°   | 210°   | 215°   | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 385.2  | 385.8  | 386.7  | 388.6  | 390.5  | 392.3  | 394.2  | 395.7  | 397.3  | 398.8  | 400.3  |
| 115°   | 432.8  | 433.3  | 434.1  | 435.6  | 437.1  | 438.7  | 440.2  | 441.9  | 443.6  | 445.3  | 447.0  |
| 117.5° | 481.0  | 481.6  | 482.0  | 482.9  | 483.8  | 484.6  | 485.5  | 486.9  | 488.2  | 489.6  | 490.9  |
| 120°   | 526.1  | 526.9  | 527.2  | 527.7  | 528.2  | 528.7  | 529.2  | 530.6  | 531.9  | 533.3  | 534.6  |
| 122.5° | 569.2  | 569.8  | 570.1  | 570.8  | 571.5  | 572.2  | 572.9  | 573.7  | 574.6  | 575.4  | 576.3  |
| 125°   | 609.8  | 610.5  | 610.8  | 611.5  | 612.2  | 612.8  | 613.5  | 613.9  | 614.2  | 614.6  | 614.9  |
| 127.5° | 649.6  | 650.3  | 650.7  | 651.6  | 652.5  | 653.3  | 654.2  | 654.7  | 655.2  | 655.7  | 656.2  |
| 130°   | 686.5  | 687.2  | 687.5  | 688.2  | 688.9  | 689.5  | 690.2  | 690.9  | 691.6  | 692.3  | 693.0  |
| 132.5° | 721.7  | 722.4  | 722.7  | 723.2  | 723.7  | 724.2  | 724.7  | 725.4  | 726.1  | 726.8  | 727.5  |
| 135°   | 756.4  | 756.9  | 757.2  | 757.9  | 758.6  | 759.3  | 760.0  | 760.5  | 761.0  | 761.5  | 762.0  |
| 137.5° | 788.5  | 789.2  | 789.4  | 789.7  | 790.0  | 790.4  | 790.7  | 791.5  | 792.4  | 793.2  | 794.1  |
| 140°   | 817.8  | 818.3  | 818.6  | 819.1  | 819.6  | 820.1  | 820.6  | 821.3  | 822.0  | 822.7  | 823.4  |
| 142.5° | 846.2  | 846.7  | 847.0  | 847.5  | 848.0  | 848.5  | 849.0  | 849.5  | 850.0  | 850.5  | 851.0  |
| 145°   | 872.9  | 873.5  | 873.7  | 874.0  | 874.3  | 874.7  | 875.0  | 875.4  | 875.7  | 876.1  | 876.4  |
| 147.5° | 896.9  | 897.3  | 897.5  | 897.8  | 898.1  | 898.5  | 898.8  | 899.2  | 899.5  | 899.9  | 900.2  |
| 150°   | 918.5  | 918.8  | 919.0  | 919.3  | 919.6  | 920.0  | 920.3  | 920.6  | 921.0  | 921.3  | 921.6  |
| 152.5° | 937.8  | 937.9  | 938.0  | 938.2  | 938.3  | 938.5  | 938.7  | 939.4  | 940.1  | 940.8  | 941.5  |
| 155°   | 955.0  | 954.8  | 954.9  | 955.1  | 955.2  | 955.4  | 955.6  | 956.4  | 957.3  | 958.1  | 959.0  |
| 157.5° | 971.7  | 971.7  | 971.6  | 971.4  | 971.3  | 971.1  | 970.9  | 971.9  | 972.9  | 974.0  | 975.0  |
| 160°   | 984.8  | 984.7  | 984.6  | 984.4  | 984.3  | 984.1  | 983.9  | 984.9  | 985.9  | 987.0  | 988.0  |
| 162.5° | 996.5  | 996.2  | 996.1  | 996.0  | 995.8  | 995.7  | 995.5  | 996.7  | 997.9  | 999.0  | 1000.2 |
| 165°   | 1006.5 | 1006.2 | 1006.1 | 1005.9 | 1005.8 | 1005.6 | 1005.4 | 1006.8 | 1008.2 | 1009.5 | 1010.9 |
| 167.5° | 1014.2 | 1013.9 | 1013.9 | 1013.9 | 1013.9 | 1013.9 | 1013.9 | 1015.3 | 1016.6 | 1018.0 | 1019.3 |
| 170°   | 1021.1 | 1020.8 | 1020.8 | 1020.8 | 1020.8 | 1020.8 | 1020.8 | 1022.2 | 1023.5 | 1024.9 | 1026.2 |
| 172.5° | 1025.0 | 1024.6 | 1024.7 | 1024.9 | 1025.0 | 1025.2 | 1025.4 | 1026.8 | 1028.1 | 1029.5 | 1030.8 |
| 175°   | 1028.8 | 1028.4 | 1028.5 | 1028.7 | 1028.8 | 1029.0 | 1029.2 | 1030.4 | 1031.6 | 1032.8 | 1034.0 |
| 177.5° | 1030.4 | 1030.0 | 1030.1 | 1030.2 | 1030.4 | 1030.5 | 1030.7 | 1032.1 | 1033.5 | 1034.8 | 1036.2 |
| 180°   | 1032.3 | 1032.3 | 1032.3 | 1032.3 | 1032.3 | 1032.3 | 1032.3 | 1032.3 | 1032.3 | 1032.3 | 1032.3 |

TEST NUMBER: P1011652

CATALOG NUMBER: S123DIP-B340D805UB35-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°  | 255°  | 260°  | 265°  | 270°  | 275°  | 280°  | 285°  | 290°  | 292.5° |
|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 0°     | 470.2  | 470.2 | 470.2 | 470.2 | 470.2 | 470.2 | 470.2 | 470.2 | 470.2 | 470.2 | 470.2  |
| 2.5°   | 446.0  | 446.5 | 444.6 | 443.3 | 446.9 | 444.6 | 444.6 | 445.1 | 444.2 | 445.6 | 445.1  |
| 5°     | 421.0  | 421.4 | 418.2 | 419.1 | 417.3 | 416.9 | 416.4 | 419.1 | 418.7 | 418.2 | 419.1  |
| 7.5°   | 396.4  | 396.4 | 395.0 | 394.1 | 394.1 | 392.7 | 394.5 | 394.1 | 395.0 | 395.0 | 396.4  |
| 10°    | 375.8  | 376.8 | 374.5 | 372.2 | 371.7 | 372.2 | 372.2 | 372.7 | 373.1 | 376.3 | 375.8  |
| 12.5°  | 359.0  | 357.6 | 357.2 | 355.8 | 353.5 | 352.6 | 351.7 | 356.7 | 355.3 | 355.3 | 355.3  |
| 15°    | 340.3  | 343.5 | 343.0 | 338.9 | 338.0 | 339.9 | 338.9 | 338.9 | 343.5 | 343.0 | 342.6  |
| 17.5°  | 330.3  | 329.4 | 328.5 | 326.2 | 326.6 | 326.2 | 326.6 | 326.6 | 329.4 | 329.4 | 329.4  |
| 20°    | 318.9  | 317.1 | 317.1 | 316.2 | 316.2 | 314.8 | 316.6 | 317.1 | 318.9 | 318.9 | 319.4  |
| 22.5°  | 308.9  | 307.5 | 307.5 | 307.1 | 308.0 | 306.1 | 308.0 | 308.4 | 308.4 | 309.8 | 309.8  |
| 25°    | 300.2  | 299.3 | 299.3 | 300.2 | 300.2 | 300.2 | 300.2 | 302.0 | 300.7 | 301.1 | 300.7  |
| 27.5°  | 292.5  | 292.9 | 293.4 | 293.8 | 293.4 | 293.8 | 294.3 | 295.2 | 295.7 | 295.2 | 294.3  |
| 30°    | 285.2  | 286.6 | 287.0 | 287.0 | 287.9 | 288.4 | 288.8 | 288.8 | 289.3 | 287.9 | 288.8  |
| 32.5°  | 279.7  | 279.7 | 280.6 | 281.1 | 282.0 | 282.5 | 282.5 | 283.4 | 282.9 | 281.5 | 282.0  |
| 35°    | 272.0  | 272.0 | 273.8 | 274.7 | 276.1 | 275.6 | 276.1 | 276.1 | 276.5 | 275.6 | 274.3  |
| 37.5°  | 264.2  | 265.1 | 265.1 | 267.0 | 267.4 | 267.9 | 267.4 | 268.3 | 267.9 | 267.0 | 266.5  |
| 40°    | 255.1  | 254.7 | 255.1 | 256.5 | 256.9 | 256.9 | 256.9 | 257.9 | 257.9 | 257.9 | 257.4  |
| 42.5°  | 243.7  | 245.1 | 244.6 | 246.0 | 245.6 | 245.6 | 246.5 | 247.4 | 247.8 | 246.5 | 246.9  |
| 45°    | 232.8  | 232.8 | 233.7 | 233.7 | 234.2 | 234.2 | 236.0 | 235.1 | 236.0 | 235.1 | 235.5  |
| 47.5°  | 221.0  | 221.4 | 221.4 | 221.9 | 222.8 | 223.7 | 222.8 | 223.2 | 223.2 | 223.7 | 222.8  |
| 50°    | 207.7  | 207.7 | 208.7 | 210.0 | 211.8 | 210.9 | 210.5 | 212.3 | 210.9 | 210.9 | 210.0  |
| 52.5°  | 194.1  | 195.4 | 195.9 | 197.3 | 198.6 | 199.1 | 199.5 | 198.6 | 199.1 | 197.7 | 198.2  |
| 55°    | 180.9  | 181.3 | 183.1 | 184.5 | 185.9 | 185.9 | 185.4 | 185.9 | 186.3 | 184.5 | 184.5  |
| 57.5°  | 167.7  | 169.0 | 170.8 | 170.8 | 172.7 | 172.7 | 172.2 | 172.2 | 172.7 | 171.3 | 170.8  |
| 60°    | 153.5  | 154.9 | 157.2 | 157.2 | 159.9 | 160.4 | 159.5 | 158.5 | 158.5 | 157.2 | 157.6  |
| 62.5°  | 138.5  | 139.9 | 141.2 | 143.5 | 145.3 | 144.4 | 146.2 | 144.4 | 144.9 | 142.1 | 142.1  |
| 65°    | 125.3  | 125.7 | 128.0 | 130.3 | 130.3 | 131.2 | 130.3 | 130.8 | 129.4 | 129.4 | 127.6  |
| 67.5°  | 109.8  | 109.8 | 112.1 | 114.3 | 116.6 | 116.6 | 116.6 | 115.3 | 115.3 | 113.9 | 113.9  |
| 70°    | 96.1   | 95.7  | 97.9  | 99.3  | 100.7 | 101.1 | 100.2 | 99.8  | 98.9  | 97.5  | 97.0   |
| 72.5°  | 79.3   | 80.2  | 82.5  | 83.4  | 85.6  | 85.2  | 87.5  | 84.7  | 84.7  | 82.5  | 82.0   |
| 75°    | 64.2   | 65.1  | 67.4  | 68.8  | 70.2  | 70.2  | 71.5  | 70.2  | 68.3  | 67.4  | 67.0   |
| 77.5°  | 51.0   | 50.6  | 52.4  | 54.7  | 55.1  | 54.7  | 55.6  | 55.1  | 53.3  | 53.3  | 52.4   |
| 80°    | 36.4   | 37.8  | 39.6  | 39.2  | 41.0  | 40.5  | 40.5  | 39.6  | 39.6  | 38.3  | 39.2   |
| 82.5°  | 24.1   | 25.5  | 26.0  | 25.5  | 26.0  | 26.9  | 27.3  | 26.9  | 26.9  | 26.0  | 26.4   |
| 85°    | 12.8   | 12.8  | 13.7  | 14.1  | 13.7  | 13.7  | 14.1  | 15.5  | 14.6  | 13.7  | 14.6   |
| 87.5°  | 4.1    | 3.6   | 3.6   | 4.1   | 3.6   | 3.6   | 4.1   | 4.1   | 4.6   | 4.6   | 4.6    |
| 90°    | 21.5   | 21.7  | 22.0  | 22.3  | 22.7  | 23.0  | 22.7  | 22.3  | 22.0  | 21.7  | 21.5   |
| 92.5°  | 25.3   | 25.4  | 25.6  | 25.7  | 25.9  | 26.1  | 25.9  | 25.7  | 25.6  | 25.4  | 25.3   |
| 95°    | 29.1   | 29.1  | 29.1  | 29.1  | 29.1  | 29.1  | 29.1  | 29.1  | 29.1  | 29.1  | 29.1   |
| 97.5°  | 30.7   | 30.8  | 30.9  | 31.1  | 31.2  | 31.4  | 31.2  | 31.1  | 30.9  | 30.8  | 30.7   |
| 100°   | 31.4   | 31.5  | 31.7  | 31.8  | 32.0  | 32.2  | 32.0  | 31.8  | 31.7  | 31.5  | 31.4   |
| 102.5° | 31.4   | 31.6  | 31.9  | 32.3  | 32.6  | 33.0  | 32.6  | 32.3  | 31.9  | 31.6  | 31.4   |
| 105°   | 32.2   | 32.4  | 32.7  | 33.0  | 33.4  | 33.7  | 33.4  | 33.0  | 32.7  | 32.4  | 32.2   |
| 107.5° | 180.2  | 169.0 | 146.7 | 124.4 | 102.1 | 79.8  | 102.1 | 124.4 | 146.7 | 169.0 | 180.2  |
| 110°   | 320.6  | 308.4 | 284.0 | 259.7 | 235.3 | 210.9 | 235.3 | 259.7 | 284.0 | 308.4 | 320.6  |

TEST NUMBER: P1011652

CATALOG NUMBER: S123DIP-B340D805UB35-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°   | 255°   | 260°   | 265°   | 270°   | 275°   | 280°   | 285°   | 290°   | 292.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 401.1  | 400.9  | 400.6  | 400.3  | 399.9  | 399.6  | 399.9  | 400.3  | 400.6  | 400.9  | 401.1  |
| 115°   | 447.9  | 448.2  | 448.9  | 449.6  | 450.2  | 450.9  | 450.2  | 449.6  | 448.9  | 448.2  | 447.9  |
| 117.5° | 491.6  | 491.7  | 491.9  | 492.0  | 492.2  | 492.4  | 492.2  | 492.0  | 491.9  | 491.7  | 491.6  |
| 120°   | 535.3  | 535.3  | 535.3  | 535.3  | 535.3  | 535.3  | 535.3  | 535.3  | 535.3  | 535.3  | 535.3  |
| 122.5° | 576.7  | 576.8  | 577.0  | 577.1  | 577.3  | 577.5  | 577.3  | 577.1  | 577.0  | 576.8  | 576.7  |
| 125°   | 615.1  | 615.3  | 615.6  | 615.9  | 616.3  | 616.6  | 616.3  | 615.9  | 615.6  | 615.3  | 615.1  |
| 127.5° | 656.5  | 656.3  | 656.0  | 655.6  | 655.3  | 654.9  | 655.3  | 655.6  | 656.0  | 656.3  | 656.5  |
| 130°   | 693.3  | 693.1  | 692.8  | 692.5  | 692.1  | 691.8  | 692.1  | 692.5  | 692.8  | 693.1  | 693.3  |
| 132.5° | 727.8  | 727.5  | 727.0  | 726.5  | 726.0  | 725.5  | 726.0  | 726.5  | 727.0  | 727.5  | 727.8  |
| 135°   | 762.3  | 762.0  | 761.5  | 761.0  | 760.5  | 760.0  | 760.5  | 761.0  | 761.5  | 762.0  | 762.3  |
| 137.5° | 794.5  | 794.3  | 794.0  | 793.7  | 793.3  | 793.0  | 793.3  | 793.7  | 794.0  | 794.3  | 794.5  |
| 140°   | 823.7  | 823.5  | 823.2  | 822.8  | 822.5  | 822.1  | 822.5  | 822.8  | 823.2  | 823.5  | 823.7  |
| 142.5° | 851.3  | 851.0  | 850.5  | 850.0  | 849.5  | 849.0  | 849.5  | 850.0  | 850.5  | 851.0  | 851.3  |
| 145°   | 876.6  | 876.6  | 876.6  | 876.6  | 876.6  | 876.6  | 876.6  | 876.6  | 876.6  | 876.6  | 876.6  |
| 147.5° | 900.4  | 900.0  | 899.1  | 898.2  | 897.4  | 896.5  | 897.4  | 898.2  | 899.1  | 900.0  | 900.4  |
| 150°   | 921.8  | 921.5  | 921.0  | 920.5  | 920.0  | 919.5  | 920.0  | 920.5  | 921.0  | 921.5  | 921.8  |
| 152.5° | 941.8  | 941.4  | 940.5  | 939.6  | 938.8  | 937.9  | 938.8  | 939.6  | 940.5  | 941.4  | 941.8  |
| 155°   | 959.4  | 958.9  | 957.9  | 956.8  | 955.8  | 954.8  | 955.8  | 956.8  | 957.9  | 958.9  | 959.4  |
| 157.5° | 975.5  | 974.8  | 973.5  | 972.1  | 970.8  | 969.4  | 970.8  | 972.1  | 973.5  | 974.8  | 975.5  |
| 160°   | 988.5  | 987.9  | 986.7  | 985.6  | 984.4  | 983.2  | 984.4  | 985.6  | 986.7  | 987.9  | 988.5  |
| 162.5° | 1000.8 | 1000.3 | 999.3  | 998.2  | 997.2  | 996.2  | 997.2  | 998.2  | 999.3  | 1000.3 | 1000.8 |
| 165°   | 1011.6 | 1011.0 | 1009.8 | 1008.6 | 1007.4 | 1006.2 | 1007.4 | 1008.6 | 1009.8 | 1011.0 | 1011.6 |
| 167.5° | 1020.0 | 1019.3 | 1018.0 | 1016.6 | 1015.3 | 1013.9 | 1015.3 | 1016.6 | 1018.0 | 1019.3 | 1020.0 |
| 170°   | 1026.9 | 1026.2 | 1024.9 | 1023.5 | 1022.2 | 1020.8 | 1022.2 | 1023.5 | 1024.9 | 1026.2 | 1026.9 |
| 172.5° | 1031.5 | 1030.7 | 1029.2 | 1027.7 | 1026.1 | 1024.6 | 1026.1 | 1027.7 | 1029.2 | 1030.7 | 1031.5 |
| 175°   | 1034.6 | 1033.9 | 1032.5 | 1031.2 | 1029.8 | 1028.4 | 1029.8 | 1031.2 | 1032.5 | 1033.9 | 1034.6 |
| 177.5° | 1036.9 | 1036.0 | 1034.3 | 1032.6 | 1030.9 | 1029.2 | 1030.9 | 1032.6 | 1034.3 | 1036.0 | 1036.9 |
| 180°   | 1032.3 | 1032.3 | 1032.3 | 1032.3 | 1032.3 | 1032.3 | 1032.3 | 1032.3 | 1032.3 | 1032.3 | 1032.3 |

TEST NUMBER: P1011652

CATALOG NUMBER: S123DIP-B340D805UB35-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 295°  | 300°  | 305°  | 310°  | 315°  | 320°  | 325°  | 330°  | 335°  | 337.5° | 340°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
| 0°     | 470.2 | 470.2 | 470.2 | 470.2 | 470.2 | 470.2 | 470.2 | 470.2 | 470.2 | 470.2  | 470.2 |
| 2.5°   | 446.5 | 447.4 | 447.8 | 446.0 | 444.6 | 446.9 | 450.1 | 452.4 | 454.2 | 456.5  | 457.9 |
| 5°     | 420.0 | 423.2 | 423.2 | 424.1 | 425.5 | 427.8 | 433.7 | 437.8 | 441.5 | 444.2  | 446.5 |
| 7.5°   | 397.7 | 400.0 | 401.4 | 403.6 | 405.9 | 409.1 | 415.9 | 421.9 | 427.3 | 430.5  | 434.2 |
| 10°    | 377.7 | 379.5 | 381.8 | 383.1 | 387.2 | 391.8 | 400.5 | 405.5 | 411.8 | 416.9  | 421.4 |
| 12.5°  | 358.5 | 364.9 | 366.3 | 365.8 | 369.5 | 374.5 | 383.1 | 390.9 | 397.7 | 402.7  | 407.7 |
| 15°    | 344.9 | 347.1 | 349.9 | 349.4 | 357.2 | 358.5 | 365.8 | 374.9 | 384.1 | 387.2  | 391.8 |
| 17.5°  | 329.8 | 333.5 | 336.2 | 337.6 | 339.9 | 344.9 | 351.7 | 358.5 | 370.4 | 370.8  | 382.7 |
| 20°    | 318.0 | 321.6 | 323.5 | 325.3 | 326.6 | 332.6 | 338.5 | 346.2 | 355.8 | 360.8  | 367.2 |
| 22.5°  | 310.2 | 312.1 | 313.4 | 314.8 | 316.6 | 319.8 | 327.1 | 335.8 | 342.1 | 347.6  | 351.7 |
| 25°    | 301.1 | 303.0 | 304.8 | 305.7 | 307.1 | 308.9 | 314.3 | 321.2 | 330.3 | 333.9  | 338.0 |
| 27.5°  | 294.8 | 294.8 | 295.7 | 295.7 | 297.5 | 299.3 | 303.4 | 309.8 | 317.1 | 321.6  | 327.1 |
| 30°    | 287.9 | 287.5 | 287.9 | 287.5 | 287.0 | 289.7 | 293.4 | 298.9 | 303.9 | 309.3  | 313.0 |
| 32.5°  | 281.1 | 280.6 | 280.6 | 281.1 | 279.3 | 280.6 | 282.5 | 287.5 | 292.9 | 295.7  | 299.8 |
| 35°    | 273.8 | 272.9 | 272.9 | 272.9 | 272.0 | 271.1 | 272.9 | 277.4 | 281.1 | 284.7  | 287.9 |
| 37.5°  | 266.5 | 265.1 | 265.1 | 264.2 | 263.3 | 262.0 | 262.0 | 265.6 | 270.6 | 272.0  | 276.1 |
| 40°    | 256.5 | 256.5 | 255.6 | 255.1 | 254.2 | 253.3 | 251.9 | 255.1 | 259.7 | 261.0  | 264.2 |
| 42.5°  | 246.5 | 245.1 | 244.6 | 244.6 | 244.6 | 243.3 | 242.4 | 244.6 | 247.4 | 249.7  | 251.5 |
| 45°    | 235.1 | 234.2 | 234.6 | 234.2 | 233.3 | 232.8 | 232.3 | 233.3 | 236.4 | 237.4  | 239.6 |
| 47.5°  | 222.8 | 222.3 | 222.3 | 221.9 | 221.4 | 221.9 | 220.0 | 222.3 | 223.2 | 224.1  | 226.0 |
| 50°    | 210.0 | 209.6 | 209.1 | 208.7 | 208.7 | 209.1 | 208.7 | 208.7 | 210.5 | 211.4  | 213.2 |
| 52.5°  | 197.3 | 195.9 | 195.9 | 195.4 | 195.4 | 194.5 | 195.4 | 195.9 | 196.8 | 197.7  | 198.6 |
| 55°    | 183.6 | 183.6 | 182.2 | 182.2 | 181.3 | 181.3 | 181.8 | 181.3 | 183.1 | 184.1  | 184.1 |
| 57.5°  | 170.4 | 168.6 | 169.0 | 168.1 | 167.2 | 166.7 | 166.7 | 167.7 | 168.6 | 168.6  | 169.5 |
| 60°    | 156.3 | 154.4 | 154.0 | 152.2 | 153.1 | 151.7 | 152.2 | 152.2 | 154.0 | 153.1  | 154.0 |
| 62.5°  | 142.1 | 139.9 | 138.5 | 137.6 | 137.6 | 138.0 | 137.1 | 136.7 | 137.6 | 138.5  | 140.3 |
| 65°    | 127.1 | 125.7 | 124.4 | 123.0 | 123.0 | 122.5 | 123.5 | 122.1 | 121.6 | 122.1  | 123.0 |
| 67.5°  | 111.6 | 110.2 | 108.9 | 107.5 | 108.0 | 106.6 | 105.7 | 107.1 | 106.1 | 106.6  | 107.5 |
| 70°    | 96.6  | 95.7  | 92.9  | 92.0  | 91.6  | 92.0  | 91.6  | 90.7  | 92.0  | 91.6   | 92.0  |
| 72.5°  | 81.5  | 80.6  | 79.3  | 77.0  | 77.0  | 76.5  | 76.1  | 76.1  | 75.6  | 75.6   | 75.6  |
| 75°    | 67.0  | 65.1  | 63.8  | 63.3  | 62.4  | 62.0  | 61.5  | 60.6  | 61.0  | 61.5   | 60.6  |
| 77.5°  | 51.9  | 49.7  | 49.2  | 49.2  | 47.8  | 47.8  | 48.3  | 47.8  | 47.4  | 47.4   | 47.4  |
| 80°    | 38.3  | 36.4  | 36.4  | 35.5  | 34.6  | 34.6  | 34.6  | 34.6  | 34.2  | 33.7   | 34.2  |
| 82.5°  | 24.6  | 24.1  | 23.7  | 23.7  | 24.6  | 22.8  | 23.7  | 23.2  | 22.8  | 22.8   | 22.3  |
| 85°    | 13.7  | 14.1  | 13.7  | 14.1  | 13.2  | 13.7  | 13.7  | 13.7  | 13.2  | 13.7   | 12.8  |
| 87.5°  | 5.0   | 5.0   | 5.0   | 5.5   | 5.5   | 5.5   | 5.5   | 5.5   | 5.9   | 5.5    | 5.5   |
| 90°    | 21.2  | 20.5  | 19.8  | 19.1  | 18.4  | 16.2  | 14.0  | 11.7  | 9.5   | 8.4    | 7.6   |
| 92.5°  | 24.7  | 23.5  | 22.3  | 21.1  | 19.9  | 18.4  | 16.8  | 15.3  | 13.8  | 13.0   | 13.5  |
| 95°    | 28.5  | 27.3  | 26.2  | 25.0  | 23.8  | 21.9  | 20.0  | 18.1  | 16.2  | 15.3   | 18.8  |
| 97.5°  | 30.0  | 28.6  | 27.3  | 25.9  | 24.5  | 33.2  | 41.9  | 50.6  | 59.3  | 63.7   | 66.1  |
| 100°   | 30.7  | 29.4  | 28.0  | 26.7  | 25.3  | 51.9  | 78.5  | 105.0 | 131.6 | 144.9  | 143.2 |
| 102.5° | 34.2  | 39.9  | 45.5  | 51.2  | 56.8  | 86.4  | 116.1 | 145.7 | 175.4 | 190.2  | 189.1 |
| 105°   | 47.3  | 77.5  | 107.6 | 137.8 | 168.0 | 183.3 | 198.7 | 214.0 | 229.3 | 237.0  | 236.1 |
| 107.5° | 193.3 | 219.6 | 245.8 | 272.1 | 298.3 | 295.7 | 293.2 | 290.6 | 288.1 | 286.8  | 286.0 |
| 110°   | 323.4 | 329.0 | 334.7 | 340.3 | 345.9 | 344.0 | 342.1 | 340.2 | 338.3 | 337.4  | 336.7 |

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**CANDELA DISTRIBUTION (continued):**

|        | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   | 330°   | 335°   | 337.5° | 340°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 400.3  | 398.8  | 397.3  | 395.7  | 394.2  | 392.3  | 390.5  | 388.6  | 386.7  | 385.8  | 385.2  |
| 115°   | 447.0  | 445.3  | 443.6  | 441.9  | 440.2  | 438.7  | 437.1  | 435.6  | 434.1  | 433.3  | 432.8  |
| 117.5° | 490.9  | 489.6  | 488.2  | 486.9  | 485.5  | 484.6  | 483.8  | 482.9  | 482.0  | 481.6  | 481.0  |
| 120°   | 534.6  | 533.3  | 531.9  | 530.6  | 529.2  | 528.7  | 528.2  | 527.7  | 527.2  | 526.9  | 526.1  |
| 122.5° | 576.3  | 575.4  | 574.6  | 573.7  | 572.9  | 572.2  | 571.5  | 570.8  | 570.1  | 569.8  | 569.2  |
| 125°   | 614.9  | 614.6  | 614.2  | 613.9  | 613.5  | 612.8  | 612.2  | 611.5  | 610.8  | 610.5  | 609.8  |
| 127.5° | 656.2  | 655.7  | 655.2  | 654.7  | 654.2  | 653.3  | 652.5  | 651.6  | 650.7  | 650.3  | 649.6  |
| 130°   | 693.0  | 692.3  | 691.6  | 690.9  | 690.2  | 689.5  | 688.9  | 688.2  | 687.5  | 687.2  | 686.5  |
| 132.5° | 727.5  | 726.8  | 726.1  | 725.4  | 724.7  | 724.2  | 723.7  | 723.2  | 722.7  | 722.4  | 721.7  |
| 135°   | 762.0  | 761.5  | 761.0  | 760.5  | 760.0  | 759.3  | 758.6  | 757.9  | 757.2  | 756.9  | 756.4  |
| 137.5° | 794.1  | 793.2  | 792.4  | 791.5  | 790.7  | 790.4  | 790.0  | 789.7  | 789.4  | 789.2  | 788.5  |
| 140°   | 823.4  | 822.7  | 822.0  | 821.3  | 820.6  | 820.1  | 819.6  | 819.1  | 818.6  | 818.3  | 817.8  |
| 142.5° | 851.0  | 850.5  | 850.0  | 849.5  | 849.0  | 848.5  | 848.0  | 847.5  | 847.0  | 846.7  | 846.2  |
| 145°   | 876.4  | 876.1  | 875.7  | 875.4  | 875.0  | 874.7  | 874.3  | 874.0  | 873.7  | 873.5  | 872.9  |
| 147.5° | 900.2  | 899.9  | 899.5  | 899.2  | 898.8  | 898.5  | 898.1  | 897.8  | 897.5  | 897.3  | 896.9  |
| 150°   | 921.6  | 921.3  | 921.0  | 920.6  | 920.3  | 920.0  | 919.6  | 919.3  | 919.0  | 918.8  | 918.5  |
| 152.5° | 941.5  | 940.8  | 940.1  | 939.4  | 938.7  | 938.5  | 938.3  | 938.2  | 938.0  | 937.9  | 937.8  |
| 155°   | 959.0  | 958.1  | 957.3  | 956.4  | 955.6  | 955.4  | 955.2  | 955.1  | 954.9  | 954.8  | 955.0  |
| 157.5° | 975.0  | 974.0  | 972.9  | 971.9  | 970.9  | 971.1  | 971.3  | 971.4  | 971.6  | 971.7  | 971.7  |
| 160°   | 988.0  | 987.0  | 985.9  | 984.9  | 983.9  | 984.1  | 984.3  | 984.4  | 984.6  | 984.7  | 984.8  |
| 162.5° | 1000.2 | 999.0  | 997.9  | 996.7  | 995.5  | 995.7  | 995.8  | 996.0  | 996.1  | 996.2  | 996.5  |
| 165°   | 1010.9 | 1009.5 | 1008.2 | 1006.8 | 1005.4 | 1005.6 | 1005.8 | 1005.9 | 1006.1 | 1006.2 | 1006.5 |
| 167.5° | 1019.3 | 1018.0 | 1016.6 | 1015.3 | 1013.9 | 1013.9 | 1013.9 | 1013.9 | 1013.9 | 1013.9 | 1014.2 |
| 170°   | 1026.2 | 1024.9 | 1023.5 | 1022.2 | 1020.8 | 1020.8 | 1020.8 | 1020.8 | 1020.8 | 1020.8 | 1021.1 |
| 172.5° | 1030.8 | 1029.5 | 1028.1 | 1026.8 | 1025.4 | 1025.2 | 1025.0 | 1024.9 | 1024.7 | 1024.6 | 1025.0 |
| 175°   | 1034.0 | 1032.8 | 1031.6 | 1030.4 | 1029.2 | 1029.0 | 1028.8 | 1028.7 | 1028.5 | 1028.4 | 1028.8 |
| 177.5° | 1036.2 | 1034.8 | 1033.5 | 1032.1 | 1030.7 | 1030.5 | 1030.4 | 1030.2 | 1030.1 | 1030.0 | 1030.4 |
| 180°   | 1032.3 | 1032.3 | 1032.3 | 1032.3 | 1032.3 | 1032.3 | 1032.3 | 1032.3 | 1032.3 | 1032.3 | 1032.3 |

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**CANDELA DISTRIBUTION (continued):**

|        | 345°  | 350°  | 355°  | 360°  |
|--------|-------|-------|-------|-------|
| 0°     | 470.2 | 470.2 | 470.2 | 470.2 |
| 2.5°   | 460.1 | 461.5 | 466.1 | 471.5 |
| 5°     | 451.0 | 454.7 | 461.0 | 469.7 |
| 7.5°   | 441.0 | 446.5 | 455.6 | 466.5 |
| 10°    | 429.6 | 437.4 | 448.7 | 462.4 |
| 12.5°  | 417.3 | 427.3 | 441.9 | 456.0 |
| 15°    | 409.6 | 419.6 | 432.8 | 448.3 |
| 17.5°  | 394.5 | 406.4 | 420.0 | 441.9 |
| 20°    | 379.0 | 392.3 | 410.0 | 431.9 |
| 22.5°  | 367.2 | 381.3 | 398.2 | 421.4 |
| 25°    | 353.1 | 367.6 | 385.9 | 410.0 |
| 27.5°  | 338.0 | 352.6 | 373.1 | 398.6 |
| 30°    | 326.6 | 340.8 | 360.4 | 387.7 |
| 32.5°  | 313.0 | 326.6 | 347.1 | 375.8 |
| 35°    | 297.5 | 313.0 | 332.6 | 361.7 |
| 37.5°  | 285.6 | 299.8 | 320.3 | 348.1 |
| 40°    | 272.9 | 285.2 | 305.2 | 332.6 |
| 42.5°  | 259.2 | 272.9 | 290.2 | 317.5 |
| 45°    | 246.5 | 256.5 | 274.3 | 300.2 |
| 47.5°  | 232.8 | 244.2 | 257.9 | 277.9 |
| 50°    | 218.2 | 227.8 | 242.8 | 256.5 |
| 52.5°  | 204.1 | 211.8 | 224.6 | 235.1 |
| 55°    | 189.1 | 196.8 | 206.4 | 212.8 |
| 57.5°  | 174.9 | 180.4 | 186.8 | 190.9 |
| 60°    | 157.6 | 163.1 | 167.2 | 171.3 |
| 62.5°  | 142.1 | 146.2 | 148.5 | 150.8 |
| 65°    | 126.2 | 128.5 | 129.8 | 131.7 |
| 67.5°  | 108.9 | 111.2 | 111.6 | 114.3 |
| 70°    | 92.9  | 93.4  | 94.3  | 95.7  |
| 72.5°  | 77.9  | 78.8  | 78.4  | 79.3  |
| 75°    | 62.4  | 63.3  | 62.4  | 63.3  |
| 77.5°  | 47.4  | 48.3  | 48.3  | 49.7  |
| 80°    | 34.2  | 34.6  | 35.1  | 35.1  |
| 82.5°  | 22.3  | 23.7  | 22.8  | 23.2  |
| 85°    | 12.8  | 13.2  | 13.2  | 13.7  |
| 87.5°  | 5.9   | 6.4   | 5.9   | 6.8   |
| 90°    | 5.9   | 4.2   | 2.5   | 0.8   |
| 92.5°  | 14.5  | 15.6  | 16.6  | 17.6  |
| 95°    | 25.8  | 32.8  | 39.8  | 46.8  |
| 97.5°  | 70.8  | 75.6  | 80.3  | 85.1  |
| 100°   | 139.8 | 136.4 | 133.0 | 129.6 |
| 102.5° | 186.9 | 184.6 | 182.4 | 180.2 |
| 105°   | 234.2 | 232.3 | 230.4 | 228.5 |
| 107.5° | 284.5 | 283.0 | 281.4 | 279.9 |
| 110°   | 335.4 | 334.0 | 332.7 | 331.3 |

TEST NUMBER: P1011652

CATALOG NUMBER: S123DIP-B340D805UB35-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|
| 112.5° | 384.0  | 382.8  | 381.6  | 380.4  |
| 115°   | 431.8  | 430.7  | 429.7  | 428.7  |
| 117.5° | 479.8  | 478.7  | 477.5  | 476.3  |
| 120°   | 524.6  | 523.1  | 521.5  | 520.0  |
| 122.5° | 568.0  | 566.8  | 565.6  | 564.4  |
| 125°   | 608.4  | 607.1  | 605.7  | 604.3  |
| 127.5° | 648.3  | 646.9  | 645.6  | 644.2  |
| 130°   | 685.1  | 683.8  | 682.4  | 681.0  |
| 132.5° | 720.4  | 719.0  | 717.7  | 716.3  |
| 135°   | 755.4  | 754.3  | 753.3  | 752.3  |
| 137.5° | 787.1  | 785.8  | 784.4  | 783.0  |
| 140°   | 816.8  | 815.7  | 814.7  | 813.7  |
| 142.5° | 845.2  | 844.1  | 843.1  | 842.1  |
| 145°   | 871.7  | 870.5  | 869.3  | 868.1  |
| 147.5° | 896.0  | 895.2  | 894.3  | 893.5  |
| 150°   | 918.0  | 917.5  | 917.0  | 916.5  |
| 152.5° | 937.7  | 937.5  | 937.4  | 937.2  |
| 155°   | 955.3  | 955.6  | 956.0  | 956.3  |
| 157.5° | 971.7  | 971.7  | 971.7  | 971.7  |
| 160°   | 985.0  | 985.1  | 985.3  | 985.5  |
| 162.5° | 997.0  | 997.5  | 998.0  | 998.5  |
| 165°   | 1007.0 | 1007.5 | 1008.0 | 1008.5 |
| 167.5° | 1014.9 | 1015.6 | 1016.2 | 1016.9 |
| 170°   | 1021.8 | 1022.5 | 1023.1 | 1023.8 |
| 172.5° | 1025.9 | 1026.7 | 1027.6 | 1028.4 |
| 175°   | 1029.7 | 1030.6 | 1031.4 | 1032.3 |
| 177.5° | 1031.3 | 1032.1 | 1033.0 | 1033.8 |
| 180°   | 1032.3 | 1032.3 | 1032.3 | 1032.3 |

(END OF REPORT)