

Scaled data based on original data using  
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State  
Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

(formerly Eaton)

Brand: NEO-RAY

Report Number: P331268

Luminaire Tested: **S122DIP-S290D925U835-4F0-1E-UDD-A1**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P331268  
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-8,  
Test Lab: INNOVATION CENTER  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: NEO-RAY  
Catalog Number: S122DIP-S290D925U835-4F0-1E-UDD-A1  
Description: DEFINE 2 DIRECT-INDIRECT PENDANT LED LUMINAIRE  
DOWNLIGHT 290 LUMENS PER FOOT, ASYMMETRIC DIFFUSER  
UPLIGHT 925 LUMENS PER FOOT, FLUSH SATIN WHITE DIFFUSER  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 4615.5 lumens  
Efficiency: N/A  
Efficacy: 123.7 lumens/watt  
Spacing Criteria (0/90/45): 1.08 / 1.16 / 1.23  
Luminous Opening: Rectangular (W 4' x L: 0.17' x H: 0')  
CIE Type: Semi-Indirect

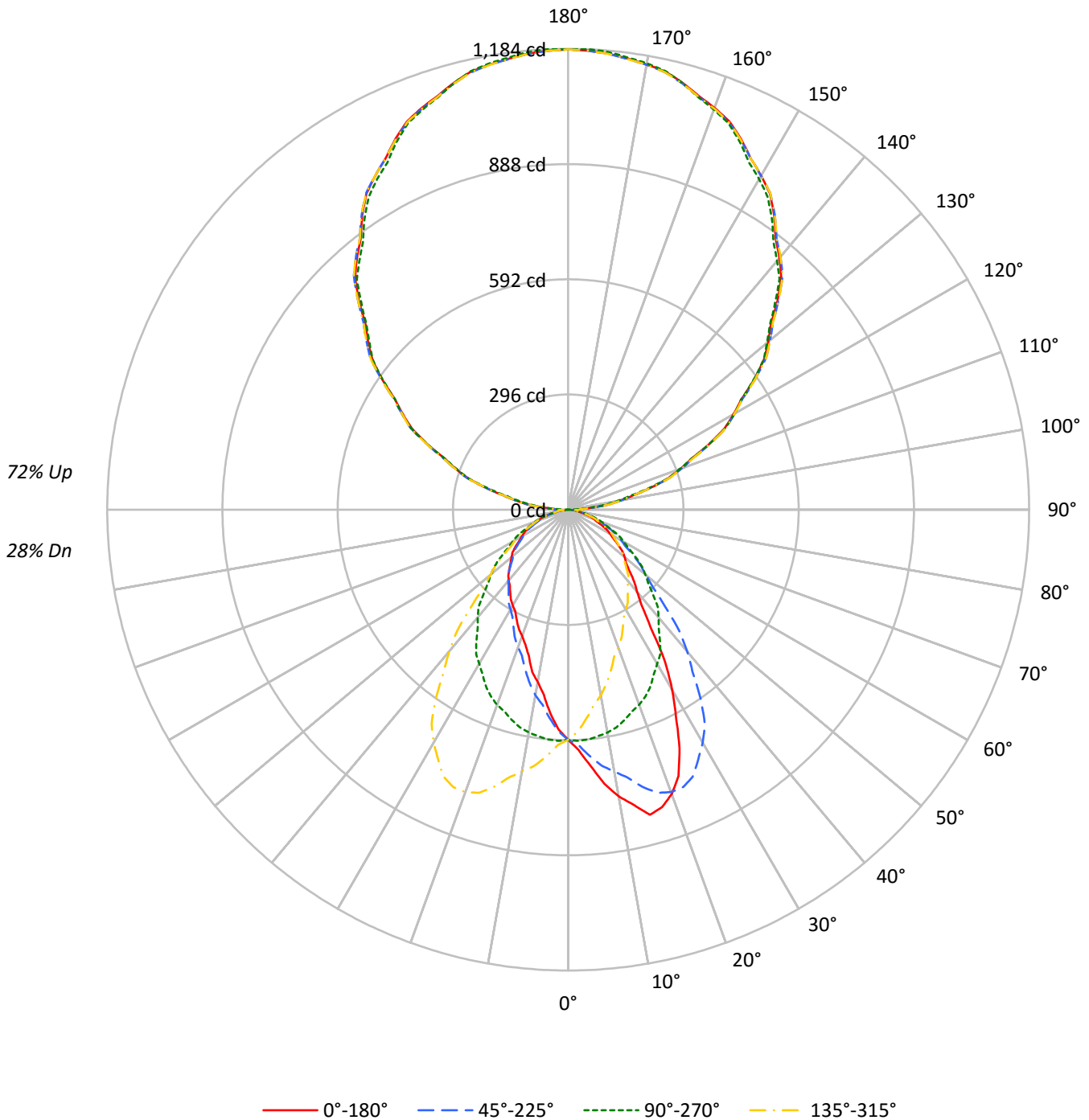
Input Watts (W): 37.3  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



TEST NUMBER: P331268

CATALOG NUMBER: S122DIP-S290D925U835-4F0-1E-UDD-A1

### Luminous Intensity Polar Plot





TEST NUMBER: P331268

CATALOG NUMBER: S122DIP-S290D925U835-4F0-1E-UDD-A1

**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   | 102 | 102 | 102 | 102 | 91 | 91 | 91 | 91 | 71 | 71 | 71 | 53 | 53 | 53 | 36 | 36 | 36 | 28 |
| 1   | 93  | 89  | 85  | 82  | 83 | 80 | 77 | 74 | 63 | 61 | 59 | 47 | 46 | 44 | 32 | 32 | 31 | 24 |
| 2   | 85  | 78  | 72  | 67  | 76 | 70 | 65 | 61 | 55 | 52 | 49 | 41 | 39 | 38 | 29 | 28 | 27 | 21 |
| 3   | 78  | 69  | 62  | 56  | 69 | 62 | 56 | 51 | 49 | 45 | 42 | 37 | 34 | 32 | 26 | 24 | 23 | 18 |
| 4   | 71  | 61  | 53  | 48  | 63 | 55 | 49 | 44 | 44 | 39 | 36 | 33 | 30 | 28 | 23 | 21 | 20 | 16 |
| 5   | 65  | 54  | 47  | 41  | 58 | 49 | 42 | 37 | 39 | 34 | 31 | 30 | 26 | 24 | 21 | 19 | 17 | 14 |
| 6   | 60  | 49  | 41  | 35  | 54 | 44 | 37 | 33 | 35 | 30 | 27 | 27 | 24 | 21 | 19 | 17 | 16 | 12 |
| 7   | 56  | 44  | 36  | 31  | 50 | 40 | 33 | 29 | 32 | 27 | 24 | 24 | 21 | 19 | 17 | 15 | 14 | 11 |
| 8   | 51  | 40  | 32  | 27  | 46 | 36 | 30 | 25 | 29 | 24 | 21 | 22 | 19 | 17 | 16 | 14 | 12 | 10 |
| 9   | 48  | 36  | 29  | 24  | 43 | 33 | 27 | 22 | 27 | 22 | 19 | 21 | 17 | 15 | 15 | 13 | 11 | 9  |
| 10  | 45  | 33  | 26  | 22  | 40 | 30 | 24 | 20 | 24 | 20 | 17 | 19 | 16 | 13 | 14 | 12 | 10 | 8  |

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

|     | 0°    | 90°  | 180° | 270° |
|-----|-------|------|------|------|
| 0°  | 9544  | 9544 | 9544 | 9544 |
| 5°  | 10699 | 9606 | 8512 | 9606 |
| 10° | 12260 | 9527 | 7366 | 9527 |
| 15° | 13563 | 9352 | 6509 | 9352 |
| 20° | 13357 | 9165 | 5933 | 9165 |
| 25° | 12043 | 8915 | 5569 | 8915 |
| 30° | 9952  | 8516 | 5302 | 8516 |
| 35° | 7253  | 8099 | 5113 | 8099 |
| 40° | 5794  | 7609 | 5008 | 7609 |
| 45° | 5062  | 7040 | 4866 | 7040 |
| 50° | 4760  | 6488 | 4770 | 6488 |
| 55° | 4386  | 5928 | 4642 | 5928 |
| 60° | 4020  | 5331 | 4447 | 5331 |
| 65° | 3664  | 4798 | 4252 | 4798 |
| 70° | 3323  | 4277 | 3970 | 4277 |
| 75° | 2951  | 3699 | 3512 | 3699 |
| 80° | 2538  | 3059 | 2827 | 3059 |
| 85° | 2279  | 2279 | 1686 | 2279 |



TEST NUMBER: P331268

CATALOG NUMBER: S122DIP-S290D925U835-4F0-1E-UDD-A1

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 56.3   | 1.2       |
| 10°-20°   | 163.7  | 3.5       |
| 20°-30°   | 237.5  | 5.1       |
| 30°-40°   | 250.6  | 5.4       |
| 40°-50°   | 221.9  | 4.8       |
| 50°-60°   | 177.1  | 3.8       |
| 60°-70°   | 120.4  | 2.6       |
| 70°-80°   | 61.7   | 1.3       |
| 80°-90°   | 19.6   | 0.4       |
| 90°-100°  | 74.9   | 1.6       |
| 100°-110° | 232.7  | 5.0       |
| 110°-120° | 397.8  | 8.6       |
| 120°-130° | 523.2  | 11.3      |
| 130°-140° | 587.2  | 12.7      |
| 140°-150° | 575.7  | 12.5      |
| 150°-160° | 482.9  | 10.5      |
| 160°-170° | 320.3  | 6.9       |
| 170°-180° | 111.9  | 2.4       |
| 0°-30°    | 457.5  | 9.9       |
| 0°-40°    | 708.1  | 15.3      |
| 0°-60°    | 1107.1 | 24.0      |
| 0°-90°    | 1308.8 | 28.4      |
| 90°-120°  | 705.5  | 15.3      |
| 90°-150°  | 2391.6 | 51.8      |
| 90°-180°  | 3307.0 | 71.7      |
| 0°-180°   | 4615.5 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°   | 90°  | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0°   | 591  | 591  | 591  | 591  | 591  |      |
| 5°   | 660  | 593  | 525  | 593  | 660  | 66   |
| 15°  | 811  | 560  | 389  | 560  | 811  | 224  |
| 25°  | 676  | 500  | 313  | 500  | 676  | 306  |
| 35°  | 368  | 411  | 259  | 411  | 368  | 239  |
| 45°  | 222  | 308  | 213  | 308  | 222  | 174  |
| 55°  | 156  | 211  | 165  | 211  | 156  | 140  |
| 65°  | 96   | 126  | 111  | 126  | 96   | 95   |
| 75°  | 47   | 59   | 56   | 59   | 47   | 51   |
| 85°  | 12   | 12   | 9    | 12   | 12   | 14   |
| 90°  | 34   | 1    | 34   | 1    | 34   | 15   |
| 95°  | 62   | 52   | 62   | 52   | 62   | 69   |
| 105° | 222  | 215  | 222  | 215  | 222  | 233  |
| 115° | 399  | 399  | 399  | 399  | 399  | 394  |
| 125° | 583  | 581  | 583  | 581  | 583  | 520  |
| 135° | 760  | 752  | 760  | 752  | 760  | 585  |
| 145° | 922  | 912  | 922  | 912  | 922  | 576  |
| 155° | 1051 | 1043 | 1051 | 1043 | 1051 | 484  |
| 165° | 1136 | 1135 | 1136 | 1135 | 1136 | 320  |
| 175° | 1177 | 1181 | 1177 | 1181 | 1177 | 112  |
| 180° | 1183 | 1183 | 1183 | 1183 | 1183 |      |



TEST NUMBER: P331268

CATALOG NUMBER: S122DIP-S290D925U835-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (FULL):**

|        | 0°    | 5°    | 10°   | 15°   | 20°   | 25°   | 30°   | 35°   | 40°   | 45°   | 50°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 591.1 | 591.1 | 591.1 | 591.1 | 591.1 | 591.1 | 591.1 | 591.1 | 591.1 | 591.1 | 591.1 |
| 2.5°   | 618.3 | 618.5 | 618.9 | 616.0 | 615.6 | 615.6 | 613.1 | 610.9 | 608.3 | 604.9 | 605.3 |
| 5°     | 660.1 | 662.6 | 663.5 | 660.8 | 656.7 | 656.3 | 652.4 | 646.1 | 640.1 | 635.4 | 632.0 |
| 7.5°   | 710.0 | 711.0 | 708.8 | 705.2 | 702.2 | 696.7 | 689.5 | 682.5 | 672.6 | 663.6 | 656.9 |
| 10°    | 747.8 | 749.2 | 745.3 | 740.1 | 735.8 | 729.4 | 719.0 | 708.3 | 695.4 | 682.9 | 672.9 |
| 12.5°  | 776.5 | 779.9 | 774.9 | 774.3 | 766.9 | 758.1 | 745.7 | 740.3 | 722.1 | 704.7 | 693.9 |
| 15°    | 811.4 | 811.2 | 811.7 | 807.3 | 801.9 | 800.5 | 787.4 | 773.0 | 747.4 | 737.1 | 719.4 |
| 17.5°  | 801.3 | 804.8 | 806.4 | 806.3 | 806.2 | 805.3 | 801.1 | 792.1 | 779.2 | 762.6 | 742.2 |
| 20°    | 777.4 | 781.9 | 782.6 | 787.8 | 790.8 | 794.6 | 796.2 | 793.7 | 785.8 | 771.9 | 754.2 |
| 22.5°  | 740.3 | 741.6 | 743.7 | 751.8 | 758.2 | 767.9 | 772.9 | 781.4 | 778.3 | 771.5 | 756.7 |
| 25°    | 676.0 | 673.8 | 681.7 | 685.8 | 700.6 | 716.0 | 727.2 | 739.4 | 750.3 | 756.9 | 752.6 |
| 27.5°  | 598.9 | 595.5 | 607.4 | 618.3 | 630.2 | 647.0 | 664.3 | 684.8 | 701.8 | 723.2 | 730.5 |
| 30°    | 533.8 | 535.9 | 547.2 | 558.8 | 577.0 | 600.6 | 620.2 | 642.6 | 667.0 | 690.8 | 707.4 |
| 32.5°  | 463.7 | 471.5 | 478.7 | 496.5 | 512.5 | 538.8 | 567.5 | 595.6 | 625.9 | 653.0 | 678.7 |
| 35°    | 368.0 | 377.1 | 387.1 | 400.0 | 422.5 | 448.6 | 476.6 | 514.5 | 555.9 | 592.9 | 623.3 |
| 37.5°  | 309.8 | 308.3 | 314.0 | 323.4 | 341.6 | 362.7 | 394.9 | 432.3 | 481.0 | 524.5 | 567.5 |
| 40°    | 274.9 | 274.0 | 278.0 | 286.7 | 300.5 | 316.0 | 344.2 | 377.1 | 422.3 | 475.5 | 526.6 |
| 42.5°  | 250.9 | 251.4 | 253.7 | 259.8 | 269.3 | 282.0 | 303.1 | 331.1 | 372.5 | 422.6 | 477.5 |
| 45°    | 221.7 | 223.3 | 225.8 | 228.8 | 234.2 | 244.7 | 256.5 | 276.5 | 309.2 | 351.0 | 405.0 |
| 47.5°  | 200.7 | 200.8 | 203.3 | 205.9 | 209.1 | 215.0 | 224.7 | 237.2 | 260.3 | 294.3 | 340.8 |
| 50°    | 189.5 | 187.9 | 189.7 | 191.7 | 195.1 | 199.2 | 205.6 | 217.4 | 232.8 | 260.3 | 299.2 |
| 52.5°  | 175.6 | 175.7 | 177.3 | 178.1 | 181.1 | 185.2 | 191.0 | 199.2 | 213.2 | 234.7 | 266.6 |
| 55°    | 155.8 | 157.0 | 157.9 | 159.2 | 162.0 | 164.9 | 169.5 | 174.9 | 185.8 | 201.9 | 225.6 |
| 57.5°  | 137.2 | 137.6 | 138.5 | 141.1 | 142.8 | 145.5 | 149.8 | 154.8 | 161.9 | 173.8 | 191.6 |
| 60°    | 124.5 | 124.5 | 126.3 | 127.4 | 129.7 | 132.4 | 135.8 | 140.6 | 147.0 | 156.7 | 171.1 |
| 62.5°  | 112.9 | 112.7 | 113.4 | 115.3 | 117.0 | 119.5 | 122.9 | 127.0 | 133.0 | 141.7 | 153.4 |
| 65°    | 95.9  | 95.4  | 96.8  | 97.2  | 99.0  | 101.5 | 104.3 | 108.6 | 113.4 | 119.7 | 130.2 |
| 67.5°  | 79.5  | 80.1  | 80.8  | 81.6  | 82.6  | 85.3  | 87.1  | 90.1  | 94.2  | 99.5  | 106.5 |
| 70°    | 70.4  | 70.4  | 70.4  | 71.1  | 72.5  | 73.8  | 75.6  | 78.1  | 82.0  | 86.5  | 92.9  |
| 72.5°  | 60.2  | 61.0  | 61.7  | 61.3  | 63.0  | 63.8  | 66.0  | 67.4  | 71.1  | 74.0  | 79.6  |
| 75°    | 47.3  | 47.3  | 47.3  | 48.4  | 49.1  | 49.7  | 51.1  | 52.5  | 54.3  | 57.9  | 60.9  |
| 77.5°  | 35.3  | 35.2  | 35.4  | 35.7  | 36.4  | 37.2  | 37.6  | 38.8  | 40.5  | 42.2  | 44.7  |
| 80°    | 27.3  | 27.7  | 27.9  | 28.4  | 28.4  | 28.8  | 29.1  | 30.7  | 31.8  | 32.9  | 34.5  |
| 82.5°  | 21.1  | 21.2  | 21.2  | 21.3  | 21.5  | 21.8  | 22.4  | 22.9  | 23.3  | 24.2  | 25.4  |
| 85°    | 12.3  | 12.0  | 12.0  | 12.5  | 12.3  | 12.3  | 12.7  | 13.2  | 13.2  | 13.4  | 14.1  |
| 87.5°  | 11.5  | 11.5  | 11.6  | 11.4  | 11.3  | 11.5  | 11.6  | 11.5  | 11.8  | 12.1  | 11.3  |
| 90°    | 33.9  | 33.7  | 33.5  | 33.3  | 33.0  | 33.2  | 33.6  | 34.0  | 34.5  | 34.9  | 30.0  |
| 92.5°  | 32.3  | 32.3  | 32.2  | 32.2  | 32.2  | 32.1  | 32.0  | 31.9  | 31.8  | 31.7  | 30.6  |
| 95°    | 61.9  | 62.3  | 62.8  | 63.2  | 63.6  | 63.9  | 63.9  | 63.9  | 63.9  | 63.9  | 63.4  |
| 97.5°  | 107.2 | 107.2 | 107.3 | 107.3 | 107.4 | 107.4 | 107.4 | 107.4 | 107.4 | 107.4 | 106.5 |
| 100°   | 136.7 | 136.9 | 137.2 | 137.4 | 137.6 | 137.7 | 137.7 | 137.7 | 137.7 | 137.7 | 137.1 |
| 102.5° | 170.3 | 170.5 | 170.7 | 170.9 | 171.1 | 171.2 | 171.0 | 170.8 | 170.6 | 170.5 | 169.6 |
| 105°   | 221.5 | 221.5 | 221.5 | 221.5 | 221.5 | 221.3 | 220.9 | 220.4 | 220.0 | 219.5 | 219.1 |
| 107.5° | 269.8 | 270.9 | 271.9 | 272.9 | 273.9 | 274.3 | 274.2 | 274.0 | 273.8 | 273.6 | 273.6 |
| 110°   | 307.4 | 308.0 | 308.7 | 309.4 | 310.0 | 310.4 | 310.4 | 310.4 | 310.4 | 310.4 | 310.4 |



TEST NUMBER: P331268

CATALOG NUMBER: S122DIP-S290D925U835-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 25°    | 30°    | 35°    | 40°    | 45°    | 50°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 343.3  | 343.8  | 344.3  | 344.8  | 345.2  | 345.8  | 346.3  | 346.8  | 347.4  | 347.9  | 348.1  |
| 115°   | 399.2  | 399.8  | 400.5  | 401.2  | 401.8  | 402.3  | 402.5  | 402.7  | 403.0  | 403.2  | 403.6  |
| 117.5° | 452.5  | 453.1  | 453.8  | 454.5  | 455.1  | 455.7  | 456.3  | 456.8  | 457.3  | 457.9  | 459.1  |
| 120°   | 490.0  | 490.7  | 491.3  | 492.0  | 492.7  | 493.0  | 493.0  | 493.0  | 493.0  | 493.0  | 494.8  |
| 122.5° | 526.7  | 527.2  | 527.7  | 528.2  | 528.7  | 529.2  | 529.7  | 530.2  | 530.8  | 531.3  | 532.6  |
| 125°   | 582.8  | 583.0  | 583.2  | 583.5  | 583.7  | 584.1  | 584.8  | 585.5  | 586.1  | 586.8  | 587.5  |
| 127.5° | 633.9  | 634.6  | 635.3  | 636.0  | 636.7  | 637.5  | 638.3  | 639.1  | 639.9  | 640.7  | 641.5  |
| 130°   | 670.6  | 671.5  | 672.4  | 673.3  | 674.2  | 674.8  | 675.3  | 675.7  | 676.2  | 676.6  | 677.1  |
| 132.5° | 705.8  | 706.5  | 707.2  | 707.9  | 708.6  | 709.4  | 710.4  | 711.4  | 712.4  | 713.3  | 713.2  |
| 135°   | 760.4  | 761.1  | 761.8  | 762.4  | 763.1  | 763.5  | 763.8  | 764.0  | 764.2  | 764.4  | 764.0  |
| 137.5° | 809.9  | 810.8  | 811.7  | 812.6  | 813.5  | 814.0  | 814.2  | 814.4  | 814.6  | 814.7  | 814.2  |
| 140°   | 844.3  | 845.2  | 846.0  | 846.9  | 847.8  | 848.3  | 848.3  | 848.3  | 848.3  | 848.3  | 847.2  |
| 142.5° | 875.4  | 876.3  | 877.2  | 878.1  | 879.0  | 879.3  | 879.1  | 879.0  | 878.8  | 878.6  | 877.8  |
| 145°   | 922.1  | 923.0  | 923.9  | 924.8  | 925.7  | 926.0  | 925.8  | 925.5  | 925.3  | 925.1  | 923.8  |
| 147.5° | 963.8  | 964.7  | 965.5  | 966.4  | 967.2  | 967.4  | 966.9  | 966.4  | 965.9  | 965.4  | 964.5  |
| 150°   | 991.0  | 991.6  | 992.3  | 993.0  | 993.6  | 993.6  | 993.0  | 992.3  | 991.6  | 991.0  | 990.1  |
| 152.5° | 1016.5 | 1017.4 | 1018.2 | 1019.0 | 1019.9 | 1019.9 | 1019.0 | 1018.2 | 1017.4 | 1016.5 | 1015.4 |
| 155°   | 1050.8 | 1051.5 | 1052.2 | 1052.8 | 1053.5 | 1053.3 | 1052.2 | 1051.1 | 1050.0 | 1048.8 | 1048.2 |
| 157.5° | 1080.4 | 1081.4 | 1082.5 | 1083.6 | 1084.6 | 1084.4 | 1082.9 | 1081.4 | 1079.9 | 1078.4 | 1078.0 |
| 160°   | 1098.7 | 1099.6 | 1100.5 | 1101.4 | 1102.3 | 1102.1 | 1100.7 | 1099.4 | 1098.1 | 1096.7 | 1096.5 |
| 162.5° | 1114.7 | 1115.8 | 1116.8 | 1117.9 | 1119.0 | 1118.7 | 1117.2 | 1115.7 | 1114.2 | 1112.7 | 1112.5 |
| 165°   | 1135.7 | 1136.8 | 1137.9 | 1139.0 | 1140.1 | 1139.9 | 1138.3 | 1136.8 | 1135.2 | 1133.7 | 1133.7 |
| 167.5° | 1152.8 | 1154.0 | 1155.1 | 1156.3 | 1157.4 | 1157.2 | 1155.7 | 1154.1 | 1152.6 | 1151.0 | 1151.1 |
| 170°   | 1161.6 | 1162.9 | 1164.3 | 1165.6 | 1166.9 | 1166.8 | 1165.3 | 1163.7 | 1162.2 | 1160.6 | 1160.8 |
| 172.5° | 1168.8 | 1170.1 | 1171.5 | 1172.8 | 1174.1 | 1174.0 | 1172.5 | 1170.9 | 1169.4 | 1167.8 | 1168.0 |
| 175°   | 1176.6 | 1177.9 | 1179.2 | 1180.6 | 1181.9 | 1181.8 | 1180.2 | 1178.7 | 1177.1 | 1175.6 | 1176.0 |
| 177.5° | 1180.2 | 1181.2 | 1182.3 | 1183.4 | 1184.4 | 1184.4 | 1183.4 | 1182.3 | 1181.2 | 1180.2 | 1180.5 |
| 180°   | 1182.6 | 1182.6 | 1182.6 | 1182.6 | 1182.6 | 1182.6 | 1182.6 | 1182.6 | 1182.6 | 1182.6 | 1182.6 |



TEST NUMBER: P331268

CATALOG NUMBER: S122DIP-S290D925U835-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 55°   | 60°   | 65°   | 70°   | 75°   | 80°   | 85°   | 90°   | 95°   | 100°  | 105°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 591.1 | 591.1 | 591.1 | 591.1 | 591.1 | 591.1 | 591.1 | 591.1 | 591.1 | 591.1 | 591.1 |
| 2.5°   | 606.5 | 605.1 | 604.2 | 600.9 | 598.0 | 595.1 | 594.2 | 594.5 | 590.5 | 586.7 | 585.1 |
| 5°     | 630.2 | 625.6 | 621.3 | 615.2 | 607.9 | 599.9 | 595.9 | 592.7 | 584.7 | 576.1 | 571.1 |
| 7.5°   | 651.3 | 644.8 | 636.5 | 625.0 | 614.4 | 601.9 | 593.9 | 586.9 | 575.3 | 563.1 | 555.6 |
| 10°    | 664.2 | 655.4 | 644.7 | 630.6 | 617.7 | 602.4 | 591.8 | 581.1 | 567.5 | 552.9 | 543.8 |
| 12.5°  | 675.3 | 663.4 | 652.9 | 634.8 | 619.5 | 600.4 | 587.8 | 572.7 | 558.4 | 541.1 | 532.2 |
| 15°    | 701.7 | 679.7 | 659.7 | 639.2 | 620.4 | 593.8 | 579.7 | 559.5 | 540.7 | 519.3 | 509.1 |
| 17.5°  | 722.1 | 697.3 | 665.9 | 639.9 | 617.9 | 588.4 | 567.8 | 543.6 | 521.3 | 496.9 | 483.0 |
| 20°    | 733.7 | 705.3 | 671.5 | 640.6 | 614.3 | 580.6 | 558.1 | 533.4 | 507.3 | 479.8 | 464.8 |
| 22.5°  | 740.6 | 710.8 | 677.3 | 637.9 | 607.0 | 574.3 | 546.0 | 518.8 | 492.4 | 462.7 | 447.0 |
| 25°    | 742.8 | 715.6 | 680.1 | 635.6 | 597.9 | 560.9 | 526.8 | 500.4 | 468.4 | 440.7 | 417.8 |
| 27.5°  | 732.0 | 712.5 | 678.4 | 631.3 | 587.4 | 544.1 | 506.1 | 476.3 | 442.5 | 412.4 | 389.3 |
| 30°    | 718.7 | 707.4 | 674.2 | 627.0 | 579.0 | 532.5 | 490.7 | 456.8 | 423.2 | 392.8 | 369.1 |
| 32.5°  | 698.2 | 695.8 | 666.6 | 620.8 | 570.1 | 517.8 | 474.5 | 440.3 | 403.0 | 373.1 | 350.6 |
| 35°    | 657.9 | 668.8 | 650.4 | 607.0 | 553.4 | 496.8 | 450.0 | 410.9 | 372.3 | 343.7 | 322.6 |
| 37.5°  | 603.8 | 630.9 | 626.1 | 586.8 | 530.7 | 474.0 | 422.3 | 381.5 | 344.7 | 315.8 | 295.1 |
| 40°    | 566.5 | 601.1 | 606.1 | 571.3 | 514.8 | 456.4 | 401.6 | 361.0 | 325.1 | 298.7 | 277.8 |
| 42.5°  | 526.6 | 566.9 | 580.6 | 552.8 | 497.3 | 437.8 | 383.1 | 341.0 | 305.4 | 279.8 | 261.3 |
| 45°    | 459.6 | 512.9 | 537.7 | 521.8 | 468.2 | 407.3 | 351.0 | 308.3 | 276.0 | 251.9 | 237.6 |
| 47.5°  | 396.9 | 455.2 | 488.5 | 482.9 | 435.8 | 375.5 | 319.8 | 278.8 | 247.4 | 228.2 | 215.4 |
| 50°    | 352.6 | 412.5 | 452.7 | 454.6 | 412.5 | 352.8 | 296.9 | 258.3 | 229.4 | 211.5 | 201.0 |
| 52.5°  | 314.0 | 371.3 | 415.1 | 424.8 | 386.5 | 329.2 | 276.4 | 237.9 | 212.5 | 196.0 | 186.7 |
| 55°    | 263.7 | 312.1 | 360.7 | 378.5 | 347.8 | 293.3 | 244.4 | 210.6 | 186.7 | 175.4 | 167.2 |
| 57.5°  | 219.3 | 259.6 | 304.5 | 324.1 | 305.2 | 258.5 | 212.7 | 183.3 | 164.0 | 154.0 | 147.7 |
| 60°    | 195.8 | 227.6 | 267.6 | 291.0 | 274.6 | 233.1 | 193.1 | 165.1 | 149.2 | 140.4 | 134.5 |
| 62.5°  | 174.0 | 202.2 | 236.0 | 257.4 | 248.5 | 209.3 | 173.5 | 148.8 | 135.1 | 126.8 | 122.5 |
| 65°    | 143.6 | 165.8 | 192.0 | 211.7 | 205.8 | 176.1 | 146.7 | 125.6 | 114.7 | 108.1 | 104.7 |
| 67.5°  | 118.2 | 134.3 | 152.4 | 169.7 | 165.0 | 143.9 | 120.4 | 103.9 | 95.8  | 90.1  | 88.0  |
| 70°    | 102.2 | 114.5 | 130.6 | 144.5 | 140.6 | 123.4 | 104.7 | 90.6  | 83.6  | 78.8  | 76.8  |
| 72.5°  | 87.0  | 97.0  | 109.4 | 120.7 | 118.1 | 103.7 | 88.2  | 77.6  | 72.1  | 67.7  | 66.1  |
| 75°    | 65.7  | 73.4  | 80.9  | 88.4  | 87.7  | 76.6  | 67.5  | 59.3  | 55.0  | 51.6  | 50.9  |
| 77.5°  | 48.5  | 52.8  | 57.9  | 62.3  | 61.1  | 54.7  | 47.6  | 42.9  | 39.8  | 37.5  | 37.1  |
| 80°    | 37.0  | 39.5  | 43.2  | 46.3  | 44.8  | 42.0  | 36.3  | 32.9  | 30.7  | 28.4  | 27.5  |
| 82.5°  | 26.9  | 29.3  | 31.5  | 33.3  | 32.0  | 29.5  | 26.0  | 23.7  | 22.3  | 20.8  | 20.4  |
| 85°    | 14.1  | 15.4  | 16.4  | 16.8  | 16.4  | 14.8  | 13.2  | 12.3  | 11.1  | 10.4  | 10.2  |
| 87.5°  | 10.5  | 9.5   | 8.5   | 8.1   | 7.1   | 6.5   | 5.3   | 4.2   | 4.5   | 4.9   | 5.1   |
| 90°    | 25.2  | 20.3  | 15.4  | 11.6  | 9.0   | 6.3   | 3.7   | 1.0   | 3.7   | 6.3   | 9.0   |
| 92.5°  | 29.4  | 28.3  | 27.1  | 25.6  | 23.6  | 21.7  | 19.7  | 17.8  | 19.7  | 21.7  | 23.6  |
| 95°    | 63.0  | 62.5  | 62.1  | 60.8  | 58.5  | 56.3  | 54.1  | 51.9  | 54.1  | 56.3  | 58.5  |
| 97.5°  | 105.7 | 104.9 | 104.0 | 102.6 | 100.7 | 98.7  | 96.8  | 94.8  | 96.8  | 98.7  | 100.7 |
| 100°   | 136.4 | 135.7 | 135.1 | 133.8 | 132.1 | 130.3 | 128.5 | 126.7 | 128.5 | 130.3 | 132.1 |
| 102.5° | 168.8 | 167.9 | 167.1 | 165.9 | 164.5 | 163.1 | 161.7 | 160.3 | 161.7 | 163.1 | 164.5 |
| 105°   | 218.7 | 218.2 | 217.8 | 217.2 | 216.6 | 215.9 | 215.2 | 214.6 | 215.2 | 215.9 | 216.6 |
| 107.5° | 273.6 | 273.6 | 273.6 | 273.2 | 272.2 | 271.2 | 270.2 | 269.2 | 270.2 | 271.2 | 272.2 |
| 110°   | 310.4 | 310.4 | 310.4 | 309.7 | 308.4 | 307.0 | 305.7 | 304.4 | 305.7 | 307.0 | 308.4 |





TEST NUMBER: P331268

CATALOG NUMBER: S122DIP-S290D925U835-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 55°    | 60°    | 65°    | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    | 100°   | 105°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 348.2  | 348.4  | 348.6  | 348.0  | 346.7  | 345.4  | 344.0  | 342.7  | 344.0  | 345.4  | 346.7  |
| 115°   | 404.1  | 404.5  | 404.9  | 404.5  | 403.2  | 401.8  | 400.5  | 399.2  | 400.5  | 401.8  | 403.2  |
| 117.5° | 460.3  | 461.6  | 462.8  | 462.6  | 460.8  | 459.0  | 457.2  | 455.5  | 457.2  | 459.0  | 460.8  |
| 120°   | 496.5  | 498.3  | 500.1  | 500.1  | 498.3  | 496.5  | 494.8  | 493.0  | 494.8  | 496.5  | 498.3  |
| 122.5° | 533.8  | 535.0  | 536.3  | 535.8  | 533.7  | 531.6  | 529.4  | 527.3  | 529.4  | 531.6  | 533.7  |
| 125°   | 588.1  | 588.8  | 589.5  | 588.8  | 586.8  | 584.8  | 582.8  | 580.8  | 582.8  | 584.8  | 586.8  |
| 127.5° | 642.3  | 643.1  | 643.9  | 643.0  | 640.5  | 638.0  | 635.4  | 632.9  | 635.4  | 638.0  | 640.5  |
| 130°   | 677.5  | 677.9  | 678.4  | 677.2  | 674.3  | 671.4  | 668.5  | 665.6  | 668.5  | 671.4  | 674.3  |
| 132.5° | 713.2  | 713.1  | 713.0  | 711.8  | 709.4  | 707.1  | 704.7  | 702.4  | 704.7  | 707.1  | 709.4  |
| 135°   | 763.5  | 763.1  | 762.7  | 761.2  | 758.8  | 756.3  | 753.9  | 751.5  | 753.9  | 756.3  | 758.8  |
| 137.5° | 813.6  | 813.0  | 812.4  | 811.1  | 809.1  | 807.1  | 805.1  | 803.2  | 805.1  | 807.1  | 809.1  |
| 140°   | 846.0  | 844.9  | 843.8  | 842.3  | 840.3  | 838.3  | 836.3  | 834.3  | 836.3  | 838.3  | 840.3  |
| 142.5° | 877.1  | 876.3  | 875.6  | 874.2  | 872.2  | 870.2  | 868.2  | 866.2  | 868.2  | 870.2  | 872.2  |
| 145°   | 922.4  | 921.1  | 919.8  | 918.3  | 916.8  | 915.2  | 913.7  | 912.1  | 913.7  | 915.2  | 916.8  |
| 147.5° | 963.6  | 962.8  | 961.9  | 960.5  | 958.6  | 956.8  | 954.9  | 953.0  | 954.9  | 956.8  | 958.6  |
| 150°   | 989.2  | 988.3  | 987.4  | 986.3  | 985.0  | 983.6  | 982.3  | 981.0  | 982.3  | 983.6  | 985.0  |
| 152.5° | 1014.4 | 1013.3 | 1012.3 | 1011.1 | 1009.7 | 1008.4 | 1007.1 | 1005.7 | 1007.1 | 1008.4 | 1009.7 |
| 155°   | 1047.5 | 1046.9 | 1046.2 | 1045.5 | 1044.9 | 1044.2 | 1043.5 | 1042.9 | 1043.5 | 1044.2 | 1044.9 |
| 157.5° | 1077.6 | 1077.2 | 1076.8 | 1076.4 | 1075.9 | 1075.5 | 1075.0 | 1074.6 | 1075.0 | 1075.5 | 1075.9 |
| 160°   | 1096.3 | 1096.1 | 1095.9 | 1095.5 | 1095.1 | 1094.6 | 1094.2 | 1093.8 | 1094.2 | 1094.6 | 1095.1 |
| 162.5° | 1112.3 | 1112.1 | 1111.8 | 1111.7 | 1111.6 | 1111.5 | 1111.4 | 1111.3 | 1111.4 | 1111.5 | 1111.6 |
| 165°   | 1133.7 | 1133.7 | 1133.7 | 1133.8 | 1134.0 | 1134.2 | 1134.5 | 1134.7 | 1134.5 | 1134.2 | 1134.0 |
| 167.5° | 1151.1 | 1151.2 | 1151.2 | 1151.6 | 1152.2 | 1152.9 | 1153.6 | 1154.2 | 1153.6 | 1152.9 | 1152.2 |
| 170°   | 1161.1 | 1161.3 | 1161.5 | 1161.9 | 1162.6 | 1163.3 | 1163.9 | 1164.6 | 1163.9 | 1163.3 | 1162.6 |
| 172.5° | 1168.2 | 1168.5 | 1168.7 | 1169.1 | 1169.8 | 1170.5 | 1171.1 | 1171.8 | 1171.1 | 1170.5 | 1169.8 |
| 175°   | 1176.5 | 1176.9 | 1177.4 | 1177.9 | 1178.6 | 1179.2 | 1179.9 | 1180.6 | 1179.9 | 1179.2 | 1178.6 |
| 177.5° | 1180.9 | 1181.2 | 1181.6 | 1182.0 | 1182.6 | 1183.1 | 1183.6 | 1184.2 | 1183.6 | 1183.1 | 1182.6 |
| 180°   | 1182.6 | 1182.6 | 1182.6 | 1182.6 | 1182.6 | 1182.6 | 1182.6 | 1182.6 | 1182.6 | 1182.6 | 1182.6 |



TEST NUMBER: P331268

CATALOG NUMBER: S122DIP-S290D925U835-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 110°  | 115°  | 120°  | 125°  | 130°  | 135°  | 140°  | 145°  | 150°  | 155°  | 160°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 591.1 | 591.1 | 591.1 | 591.1 | 591.1 | 591.1 | 591.1 | 591.1 | 591.1 | 591.1 | 591.1 |
| 2.5°   | 583.3 | 582.2 | 578.4 | 576.4 | 573.1 | 570.0 | 568.0 | 568.9 | 569.6 | 569.3 | 568.7 |
| 5°     | 566.5 | 562.2 | 555.6 | 550.0 | 545.9 | 538.4 | 535.2 | 533.6 | 532.2 | 530.7 | 529.1 |
| 7.5°   | 546.6 | 539.8 | 530.4 | 522.3 | 514.7 | 505.3 | 500.0 | 496.9 | 493.6 | 490.0 | 486.8 |
| 10°    | 532.5 | 522.9 | 512.9 | 501.6 | 492.5 | 484.1 | 476.6 | 471.6 | 467.0 | 462.7 | 459.6 |
| 12.5°  | 517.6 | 506.6 | 494.2 | 478.7 | 468.7 | 456.6 | 455.5 | 446.7 | 439.6 | 436.9 | 433.2 |
| 15°    | 493.9 | 478.4 | 462.7 | 444.3 | 436.4 | 425.5 | 418.7 | 411.8 | 405.7 | 401.4 | 400.3 |
| 17.5°  | 466.9 | 446.9 | 431.3 | 418.1 | 405.1 | 393.9 | 387.6 | 382.2 | 377.1 | 371.4 | 370.6 |
| 20°    | 446.4 | 429.1 | 412.1 | 400.5 | 387.1 | 375.7 | 368.0 | 362.6 | 358.2 | 354.8 | 351.9 |
| 22.5°  | 426.9 | 408.0 | 392.4 | 379.8 | 366.6 | 357.4 | 351.3 | 346.0 | 342.4 | 338.7 | 335.9 |
| 25°    | 395.7 | 381.0 | 363.9 | 349.6 | 338.7 | 332.8 | 327.8 | 323.3 | 321.0 | 318.5 | 315.3 |
| 27.5°  | 368.4 | 352.0 | 336.1 | 325.0 | 315.4 | 310.2 | 306.6 | 303.5 | 301.4 | 299.9 | 298.1 |
| 30°    | 349.2 | 332.6 | 320.1 | 309.2 | 301.2 | 296.0 | 293.7 | 291.9 | 289.4 | 288.5 | 287.6 |
| 32.5°  | 330.6 | 315.7 | 305.0 | 295.5 | 288.0 | 284.5 | 282.5 | 280.8 | 278.9 | 278.0 | 276.1 |
| 35°    | 304.4 | 291.9 | 281.5 | 276.2 | 270.1 | 267.1 | 265.6 | 263.3 | 261.5 | 260.6 | 260.3 |
| 37.5°  | 279.7 | 268.9 | 262.0 | 255.3 | 252.7 | 250.9 | 248.7 | 247.2 | 246.6 | 246.5 | 246.2 |
| 40°    | 263.7 | 254.9 | 248.7 | 243.3 | 242.2 | 239.4 | 237.6 | 236.3 | 236.3 | 236.5 | 236.3 |
| 42.5°  | 249.2 | 241.2 | 235.8 | 231.1 | 229.8 | 228.2 | 226.3 | 226.3 | 226.6 | 227.4 | 226.6 |
| 45°    | 227.2 | 221.5 | 217.6 | 215.4 | 212.9 | 211.3 | 211.0 | 211.7 | 211.9 | 212.2 | 212.9 |
| 47.5°  | 206.9 | 203.1 | 199.6 | 197.1 | 196.0 | 195.8 | 195.5 | 196.7 | 197.8 | 198.2 | 199.2 |
| 50°    | 194.9 | 190.6 | 187.6 | 186.0 | 185.1 | 184.7 | 185.1 | 186.5 | 187.4 | 188.5 | 189.2 |
| 52.5°  | 181.5 | 178.4 | 176.4 | 175.1 | 174.8 | 175.1 | 175.1 | 176.7 | 178.1 | 178.6 | 178.9 |
| 55°    | 162.9 | 160.6 | 160.2 | 158.1 | 159.0 | 158.8 | 159.9 | 160.8 | 162.2 | 163.6 | 163.8 |
| 57.5°  | 144.3 | 142.5 | 141.3 | 141.5 | 141.8 | 142.8 | 143.7 | 145.3 | 146.7 | 148.2 | 148.3 |
| 60°    | 132.0 | 131.1 | 130.4 | 130.4 | 130.8 | 132.2 | 133.3 | 134.9 | 135.8 | 136.8 | 137.4 |
| 62.5°  | 120.7 | 119.8 | 119.1 | 119.5 | 120.7 | 121.5 | 122.8 | 123.7 | 124.6 | 125.5 | 125.8 |
| 65°    | 102.9 | 102.5 | 103.1 | 103.6 | 103.8 | 104.9 | 106.5 | 107.2 | 108.1 | 108.6 | 110.2 |
| 67.5°  | 86.5  | 86.6  | 86.5  | 87.1  | 88.5  | 88.7  | 90.2  | 91.8  | 92.0  | 92.9  | 93.9  |
| 70°    | 75.4  | 75.9  | 76.3  | 76.8  | 77.9  | 78.4  | 79.5  | 80.2  | 81.1  | 81.8  | 82.5  |
| 72.5°  | 65.2  | 65.3  | 65.8  | 65.7  | 66.7  | 67.6  | 68.6  | 69.3  | 70.2  | 71.1  | 71.7  |
| 75°    | 50.2  | 50.2  | 50.7  | 50.9  | 52.0  | 53.2  | 52.9  | 53.4  | 54.3  | 55.2  | 55.7  |
| 77.5°  | 36.7  | 36.2  | 36.7  | 36.9  | 37.3  | 38.2  | 38.4  | 39.0  | 40.1  | 39.8  | 40.3  |
| 80°    | 27.9  | 27.3  | 27.9  | 28.2  | 28.2  | 29.3  | 29.3  | 29.8  | 30.4  | 29.8  | 30.4  |
| 82.5°  | 19.9  | 19.6  | 20.1  | 20.2  | 20.5  | 20.6  | 20.9  | 21.0  | 21.7  | 21.4  | 21.7  |
| 85°    | 10.0  | 9.8   | 10.0  | 9.8   | 10.0  | 10.2  | 10.2  | 10.0  | 10.0  | 10.4  | 9.8   |
| 87.5°  | 5.4   | 6.0   | 6.8   | 7.8   | 8.6   | 9.3   | 9.1   | 9.0   | 8.9   | 8.4   | 8.4   |
| 90°    | 11.6  | 15.4  | 20.3  | 25.2  | 30.0  | 34.9  | 34.5  | 34.0  | 33.6  | 33.2  | 33.0  |
| 92.5°  | 25.6  | 27.1  | 28.3  | 29.4  | 30.6  | 31.7  | 31.8  | 31.9  | 32.0  | 32.1  | 32.2  |
| 95°    | 60.8  | 62.1  | 62.5  | 63.0  | 63.4  | 63.9  | 63.9  | 63.9  | 63.9  | 63.9  | 63.6  |
| 97.5°  | 102.6 | 104.0 | 104.9 | 105.7 | 106.5 | 107.4 | 107.4 | 107.4 | 107.4 | 107.4 | 107.4 |
| 100°   | 133.8 | 135.1 | 135.7 | 136.4 | 137.1 | 137.7 | 137.7 | 137.7 | 137.7 | 137.7 | 137.6 |
| 102.5° | 165.9 | 167.1 | 167.9 | 168.8 | 169.6 | 170.5 | 170.6 | 170.8 | 171.0 | 171.2 | 171.1 |
| 105°   | 217.2 | 217.8 | 218.2 | 218.7 | 219.1 | 219.5 | 220.0 | 220.4 | 220.9 | 221.3 | 221.5 |
| 107.5° | 273.2 | 273.6 | 273.6 | 273.6 | 273.6 | 273.6 | 273.8 | 274.0 | 274.2 | 274.3 | 273.9 |
| 110°   | 309.7 | 310.4 | 310.4 | 310.4 | 310.4 | 310.4 | 310.4 | 310.4 | 310.4 | 310.4 | 310.0 |



TEST NUMBER: P331268

CATALOG NUMBER: S122DIP-S290D925U835-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 110°   | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   | 150°   | 155°   | 160°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 348.0  | 348.6  | 348.4  | 348.2  | 348.1  | 347.9  | 347.4  | 346.8  | 346.3  | 345.8  | 345.2  |
| 115°   | 404.5  | 404.9  | 404.5  | 404.1  | 403.6  | 403.2  | 403.0  | 402.7  | 402.5  | 402.3  | 401.8  |
| 117.5° | 462.6  | 462.8  | 461.6  | 460.3  | 459.1  | 457.9  | 457.3  | 456.8  | 456.3  | 455.7  | 455.1  |
| 120°   | 500.1  | 500.1  | 498.3  | 496.5  | 494.8  | 493.0  | 493.0  | 493.0  | 493.0  | 493.0  | 492.7  |
| 122.5° | 535.8  | 536.3  | 535.0  | 533.8  | 532.6  | 531.3  | 530.8  | 530.2  | 529.7  | 529.2  | 528.7  |
| 125°   | 588.8  | 589.5  | 588.8  | 588.1  | 587.5  | 586.8  | 586.1  | 585.5  | 584.8  | 584.1  | 583.7  |
| 127.5° | 643.0  | 643.9  | 643.1  | 642.3  | 641.5  | 640.7  | 639.9  | 639.1  | 638.3  | 637.5  | 636.7  |
| 130°   | 677.2  | 678.4  | 677.9  | 677.5  | 677.1  | 676.6  | 676.2  | 675.7  | 675.3  | 674.8  | 674.2  |
| 132.5° | 711.8  | 713.0  | 713.1  | 713.2  | 713.2  | 713.3  | 712.4  | 711.4  | 710.4  | 709.4  | 708.6  |
| 135°   | 761.2  | 762.7  | 763.1  | 763.5  | 764.0  | 764.4  | 764.2  | 764.0  | 763.8  | 763.5  | 763.1  |
| 137.5° | 811.1  | 812.4  | 813.0  | 813.6  | 814.2  | 814.7  | 814.6  | 814.4  | 814.2  | 814.0  | 813.5  |
| 140°   | 842.3  | 843.8  | 844.9  | 846.0  | 847.2  | 848.3  | 848.3  | 848.3  | 848.3  | 848.3  | 847.8  |
| 142.5° | 874.2  | 875.6  | 876.3  | 877.1  | 877.8  | 878.6  | 878.8  | 879.0  | 879.1  | 879.3  | 879.0  |
| 145°   | 918.3  | 919.8  | 921.1  | 922.4  | 923.8  | 925.1  | 925.3  | 925.5  | 925.8  | 926.0  | 925.7  |
| 147.5° | 960.5  | 961.9  | 962.8  | 963.6  | 964.5  | 965.4  | 965.9  | 966.4  | 966.9  | 967.4  | 967.2  |
| 150°   | 986.3  | 987.4  | 988.3  | 989.2  | 990.1  | 991.0  | 991.6  | 992.3  | 993.0  | 993.6  | 993.6  |
| 152.5° | 1011.1 | 1012.3 | 1013.3 | 1014.4 | 1015.4 | 1016.5 | 1017.4 | 1018.2 | 1019.0 | 1019.9 | 1019.9 |
| 155°   | 1045.5 | 1046.2 | 1046.9 | 1047.5 | 1048.2 | 1048.8 | 1050.0 | 1051.1 | 1052.2 | 1053.3 | 1053.5 |
| 157.5° | 1076.4 | 1076.8 | 1077.2 | 1077.6 | 1078.0 | 1078.4 | 1079.9 | 1081.4 | 1082.9 | 1084.4 | 1084.6 |
| 160°   | 1095.5 | 1095.9 | 1096.1 | 1096.3 | 1096.5 | 1096.7 | 1098.1 | 1099.4 | 1100.7 | 1102.1 | 1102.3 |
| 162.5° | 1111.7 | 1111.8 | 1112.1 | 1112.3 | 1112.5 | 1112.7 | 1114.2 | 1115.7 | 1117.2 | 1118.7 | 1119.0 |
| 165°   | 1133.8 | 1133.7 | 1133.7 | 1133.7 | 1133.7 | 1133.7 | 1135.2 | 1136.8 | 1138.3 | 1139.9 | 1140.1 |
| 167.5° | 1151.6 | 1151.2 | 1151.2 | 1151.1 | 1151.1 | 1151.0 | 1152.6 | 1154.1 | 1155.7 | 1157.2 | 1157.4 |
| 170°   | 1161.9 | 1161.5 | 1161.3 | 1161.1 | 1160.8 | 1160.6 | 1162.2 | 1163.7 | 1165.3 | 1166.8 | 1166.9 |
| 172.5° | 1169.1 | 1168.7 | 1168.5 | 1168.2 | 1168.0 | 1167.8 | 1169.4 | 1170.9 | 1172.5 | 1174.0 | 1174.1 |
| 175°   | 1177.9 | 1177.4 | 1176.9 | 1176.5 | 1176.0 | 1175.6 | 1177.1 | 1178.7 | 1180.2 | 1181.8 | 1181.9 |
| 177.5° | 1182.0 | 1181.6 | 1181.2 | 1180.9 | 1180.5 | 1180.2 | 1181.2 | 1182.3 | 1183.4 | 1184.4 | 1184.4 |
| 180°   | 1182.6 | 1182.6 | 1182.6 | 1182.6 | 1182.6 | 1182.6 | 1182.6 | 1182.6 | 1182.6 | 1182.6 | 1182.6 |



TEST NUMBER: P331268

CATALOG NUMBER: S122DIP-S290D925U835-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 165°  | 170°  | 175°  | 180°  | 185°  | 190°  | 195°  | 200°  | 205°  | 210°  | 215°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 591.1 | 591.1 | 591.1 | 591.1 | 591.1 | 591.1 | 591.1 | 591.1 | 591.1 | 591.1 | 591.1 |
| 2.5°   | 566.9 | 566.5 | 566.5 | 564.9 | 566.5 | 566.5 | 566.9 | 568.7 | 569.3 | 569.6 | 568.9 |
| 5°     | 525.9 | 525.2 | 524.1 | 525.2 | 524.1 | 525.2 | 525.9 | 529.1 | 530.7 | 532.2 | 533.6 |
| 7.5°   | 485.3 | 482.6 | 482.2 | 479.5 | 482.2 | 482.6 | 485.3 | 486.8 | 490.0 | 493.6 | 496.9 |
| 10°    | 455.7 | 453.9 | 453.6 | 449.3 | 453.6 | 453.9 | 455.7 | 459.6 | 462.7 | 467.0 | 471.6 |
| 12.5°  | 433.2 | 428.8 | 429.7 | 427.2 | 429.7 | 428.8 | 433.2 | 433.2 | 436.9 | 439.6 | 446.7 |
| 15°    | 394.1 | 394.1 | 393.2 | 389.4 | 393.2 | 394.1 | 394.1 | 400.3 | 401.4 | 405.7 | 411.8 |
| 17.5°  | 366.1 | 365.6 | 363.5 | 364.6 | 363.5 | 365.6 | 366.1 | 370.6 | 371.4 | 377.1 | 382.2 |
| 20°    | 349.4 | 348.0 | 345.3 | 345.3 | 345.3 | 348.0 | 349.4 | 351.9 | 354.8 | 358.2 | 362.6 |
| 22.5°  | 333.6 | 333.5 | 330.6 | 331.5 | 330.6 | 333.5 | 333.6 | 335.9 | 338.7 | 342.4 | 346.0 |
| 25°    | 315.1 | 313.3 | 311.9 | 312.6 | 311.9 | 313.3 | 315.1 | 315.3 | 318.5 | 321.0 | 323.3 |
| 27.5°  | 297.5 | 296.5 | 296.4 | 294.6 | 296.4 | 296.5 | 297.5 | 298.1 | 299.9 | 301.4 | 303.5 |
| 30°    | 287.4 | 285.1 | 285.5 | 284.4 | 285.5 | 285.1 | 287.4 | 287.6 | 288.5 | 289.4 | 291.9 |
| 32.5°  | 275.7 | 274.9 | 274.5 | 273.5 | 274.5 | 274.9 | 275.7 | 276.1 | 278.0 | 278.9 | 280.8 |
| 35°    | 259.9 | 260.1 | 259.0 | 259.4 | 259.0 | 260.1 | 259.9 | 260.3 | 260.6 | 261.5 | 263.3 |
| 37.5°  | 246.0 | 246.7 | 246.2 | 246.3 | 246.2 | 246.7 | 246.0 | 246.2 | 246.5 | 246.6 | 247.2 |
| 40°    | 236.9 | 236.9 | 236.9 | 237.6 | 236.9 | 236.9 | 236.9 | 236.3 | 236.5 | 236.3 | 236.3 |
| 42.5°  | 228.2 | 227.8 | 227.5 | 227.4 | 227.5 | 227.8 | 228.2 | 226.6 | 227.4 | 226.6 | 226.3 |
| 45°    | 213.3 | 214.0 | 214.2 | 213.1 | 214.2 | 214.0 | 213.3 | 212.9 | 212.2 | 211.9 | 211.7 |
| 47.5°  | 199.8 | 199.9 | 199.8 | 200.8 | 199.8 | 199.9 | 199.8 | 199.2 | 198.2 | 197.8 | 196.7 |
| 50°    | 190.4 | 189.9 | 190.4 | 189.9 | 190.4 | 189.9 | 190.4 | 189.2 | 188.5 | 187.4 | 186.5 |
| 52.5°  | 180.4 | 180.5 | 180.2 | 180.1 | 180.2 | 180.5 | 180.4 | 178.9 | 178.6 | 178.1 | 176.7 |
| 55°    | 164.7 | 165.1 | 164.9 | 164.9 | 164.9 | 165.1 | 164.7 | 163.8 | 163.6 | 162.2 | 160.8 |
| 57.5°  | 148.5 | 148.9 | 149.2 | 148.2 | 149.2 | 148.9 | 148.5 | 148.3 | 148.2 | 146.7 | 145.3 |
| 60°    | 137.2 | 138.3 | 138.1 | 137.7 | 138.1 | 138.3 | 137.2 | 137.4 | 136.8 | 135.8 | 134.9 |
| 62.5°  | 126.8 | 127.3 | 127.2 | 127.1 | 127.2 | 127.3 | 126.8 | 125.8 | 125.5 | 124.6 | 123.7 |
| 65°    | 110.9 | 111.3 | 110.6 | 111.3 | 110.6 | 111.3 | 110.9 | 110.2 | 108.6 | 108.1 | 107.2 |
| 67.5°  | 93.6  | 93.8  | 94.3  | 94.6  | 94.3  | 93.8  | 93.6  | 93.9  | 92.9  | 92.0  | 91.8  |
| 70°    | 82.9  | 82.7  | 83.4  | 84.1  | 83.4  | 82.7  | 82.9  | 82.5  | 81.8  | 81.1  | 80.2  |
| 72.5°  | 71.6  | 72.1  | 71.9  | 72.4  | 71.9  | 72.1  | 71.6  | 71.7  | 71.1  | 70.2  | 69.3  |
| 75°    | 55.2  | 55.9  | 55.7  | 56.3  | 55.7  | 55.9  | 55.2  | 55.7  | 55.2  | 54.3  | 53.4  |
| 77.5°  | 39.9  | 40.0  | 39.9  | 40.3  | 39.9  | 40.0  | 39.9  | 40.3  | 39.8  | 40.1  | 39.0  |
| 80°    | 30.4  | 30.0  | 29.5  | 30.4  | 29.5  | 30.0  | 30.4  | 30.4  | 29.8  | 30.4  | 29.8  |
| 82.5°  | 21.2  | 21.4  | 21.0  | 21.0  | 21.0  | 21.4  | 21.2  | 21.7  | 21.4  | 21.7  | 21.0  |
| 85°    | 9.8   | 9.5   | 9.1   | 9.1   | 9.1   | 9.5   | 9.8   | 9.8   | 10.4  | 10.0  | 10.0  |
| 87.5°  | 8.5   | 8.3   | 8.4   | 8.2   | 8.4   | 8.3   | 8.5   | 8.4   | 8.4   | 8.9   | 9.0   |
| 90°    | 33.3  | 33.5  | 33.7  | 33.9  | 33.7  | 33.5  | 33.3  | 33.0  | 33.2  | 33.6  | 34.0  |
| 92.5°  | 32.2  | 32.2  | 32.3  | 32.3  | 32.3  | 32.2  | 32.2  | 32.2  | 32.1  | 32.0  | 31.9  |
| 95°    | 63.2  | 62.8  | 62.3  | 61.9  | 62.3  | 62.8  | 63.2  | 63.6  | 63.9  | 63.9  | 63.9  |
| 97.5°  | 107.3 | 107.3 | 107.2 | 107.2 | 107.2 | 107.3 | 107.3 | 107.4 | 107.4 | 107.4 | 107.4 |
| 100°   | 137.4 | 137.2 | 136.9 | 136.7 | 136.9 | 137.2 | 137.4 | 137.6 | 137.7 | 137.7 | 137.7 |
| 102.5° | 170.9 | 170.7 | 170.5 | 170.3 | 170.5 | 170.7 | 170.9 | 171.1 | 171.2 | 171.0 | 170.8 |
| 105°   | 221.5 | 221.5 | 221.5 | 221.5 | 221.5 | 221.5 | 221.5 | 221.5 | 221.3 | 220.9 | 220.4 |
| 107.5° | 272.9 | 271.9 | 270.9 | 269.8 | 270.9 | 271.9 | 272.9 | 273.9 | 274.3 | 274.2 | 274.0 |
| 110°   | 309.4 | 308.7 | 308.0 | 307.4 | 308.0 | 308.7 | 309.4 | 310.0 | 310.4 | 310.4 | 310.4 |



TEST NUMBER: P331268

CATALOG NUMBER: S122DIP-S290D925U835-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   | 200°   | 205°   | 210°   | 215°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 344.8  | 344.3  | 343.8  | 343.3  | 343.8  | 344.3  | 344.8  | 345.2  | 345.8  | 346.3  | 346.8  |
| 115°   | 401.2  | 400.5  | 399.8  | 399.2  | 399.8  | 400.5  | 401.2  | 401.8  | 402.3  | 402.5  | 402.7  |
| 117.5° | 454.5  | 453.8  | 453.1  | 452.5  | 453.1  | 453.8  | 454.5  | 455.1  | 455.7  | 456.3  | 456.8  |
| 120°   | 492.0  | 491.3  | 490.7  | 490.0  | 490.7  | 491.3  | 492.0  | 492.7  | 493.0  | 493.0  | 493.0  |
| 122.5° | 528.2  | 527.7  | 527.2  | 526.7  | 527.2  | 527.7  | 528.2  | 528.7  | 529.2  | 529.7  | 530.2  |
| 125°   | 583.5  | 583.2  | 583.0  | 582.8  | 583.0  | 583.2  | 583.5  | 583.7  | 584.1  | 584.8  | 585.5  |
| 127.5° | 636.0  | 635.3  | 634.6  | 633.9  | 634.6  | 635.3  | 636.0  | 636.7  | 637.5  | 638.3  | 639.1  |
| 130°   | 673.3  | 672.4  | 671.5  | 670.6  | 671.5  | 672.4  | 673.3  | 674.2  | 674.8  | 675.3  | 675.7  |
| 132.5° | 707.9  | 707.2  | 706.5  | 705.8  | 706.5  | 707.2  | 707.9  | 708.6  | 709.4  | 710.4  | 711.4  |
| 135°   | 762.4  | 761.8  | 761.1  | 760.4  | 761.1  | 761.8  | 762.4  | 763.1  | 763.5  | 763.8  | 764.0  |
| 137.5° | 812.6  | 811.7  | 810.8  | 809.9  | 810.8  | 811.7  | 812.6  | 813.5  | 814.0  | 814.2  | 814.4  |
| 140°   | 846.9  | 846.0  | 845.2  | 844.3  | 845.2  | 846.0  | 846.9  | 847.8  | 848.3  | 848.3  | 848.3  |
| 142.5° | 878.1  | 877.2  | 876.3  | 875.4  | 876.3  | 877.2  | 878.1  | 879.0  | 879.3  | 879.1  | 879.0  |
| 145°   | 924.8  | 923.9  | 923.0  | 922.1  | 923.0  | 923.9  | 924.8  | 925.7  | 926.0  | 925.8  | 925.5  |
| 147.5° | 966.4  | 965.5  | 964.7  | 963.8  | 964.7  | 965.5  | 966.4  | 967.2  | 967.4  | 966.9  | 966.4  |
| 150°   | 993.0  | 992.3  | 991.6  | 991.0  | 991.6  | 992.3  | 993.0  | 993.6  | 993.6  | 993.0  | 992.3  |
| 152.5° | 1019.0 | 1018.2 | 1017.4 | 1016.5 | 1017.4 | 1018.2 | 1019.0 | 1019.9 | 1019.9 | 1019.0 | 1018.2 |
| 155°   | 1052.8 | 1052.2 | 1051.5 | 1050.8 | 1051.5 | 1052.2 | 1052.8 | 1053.5 | 1053.3 | 1052.2 | 1051.1 |
| 157.5° | 1083.6 | 1082.5 | 1081.4 | 1080.4 | 1081.4 | 1082.5 | 1083.6 | 1084.6 | 1084.4 | 1082.9 | 1081.4 |
| 160°   | 1101.4 | 1100.5 | 1099.6 | 1098.7 | 1099.6 | 1100.5 | 1101.4 | 1102.3 | 1102.1 | 1100.7 | 1099.4 |
| 162.5° | 1117.9 | 1116.8 | 1115.8 | 1114.7 | 1115.8 | 1116.8 | 1117.9 | 1119.0 | 1118.7 | 1117.2 | 1115.7 |
| 165°   | 1139.0 | 1137.9 | 1136.8 | 1135.7 | 1136.8 | 1137.9 | 1139.0 | 1140.1 | 1139.9 | 1138.3 | 1136.8 |
| 167.5° | 1156.3 | 1155.1 | 1154.0 | 1152.8 | 1154.0 | 1155.1 | 1156.3 | 1157.4 | 1157.2 | 1155.7 | 1154.1 |
| 170°   | 1165.6 | 1164.3 | 1162.9 | 1161.6 | 1162.9 | 1164.3 | 1165.6 | 1166.9 | 1166.8 | 1165.3 | 1163.7 |
| 172.5° | 1172.8 | 1171.5 | 1170.1 | 1168.8 | 1170.1 | 1171.5 | 1172.8 | 1174.1 | 1174.0 | 1172.5 | 1170.9 |
| 175°   | 1180.6 | 1179.2 | 1177.9 | 1176.6 | 1177.9 | 1179.2 | 1180.6 | 1181.9 | 1181.8 | 1180.2 | 1178.7 |
| 177.5° | 1183.4 | 1182.3 | 1181.2 | 1180.2 | 1181.2 | 1182.3 | 1183.4 | 1184.4 | 1184.4 | 1183.4 | 1182.3 |
| 180°   | 1182.6 | 1182.6 | 1182.6 | 1182.6 | 1182.6 | 1182.6 | 1182.6 | 1182.6 | 1182.6 | 1182.6 | 1182.6 |



TEST NUMBER: P331268

CATALOG NUMBER: S122DIP-S290D925U835-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 220°  | 225°  | 230°  | 235°  | 240°  | 245°  | 250°  | 255°  | 260°  | 265°  | 270°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 591.1 | 591.1 | 591.1 | 591.1 | 591.1 | 591.1 | 591.1 | 591.1 | 591.1 | 591.1 | 591.1 |
| 2.5°   | 568.0 | 570.0 | 573.1 | 576.4 | 578.4 | 582.2 | 583.3 | 585.1 | 586.7 | 590.5 | 594.5 |
| 5°     | 535.2 | 538.4 | 545.9 | 550.0 | 555.6 | 562.2 | 566.5 | 571.1 | 576.1 | 584.7 | 592.7 |
| 7.5°   | 500.0 | 505.3 | 514.7 | 522.3 | 530.4 | 539.8 | 546.6 | 555.6 | 563.1 | 575.3 | 586.9 |
| 10°    | 476.6 | 484.1 | 492.5 | 501.6 | 512.9 | 522.9 | 532.5 | 543.8 | 552.9 | 567.5 | 581.1 |
| 12.5°  | 455.5 | 456.6 | 468.7 | 478.7 | 494.2 | 506.6 | 517.6 | 532.2 | 541.1 | 558.4 | 572.7 |
| 15°    | 418.7 | 425.5 | 436.4 | 444.3 | 462.7 | 478.4 | 493.9 | 509.1 | 519.3 | 540.7 | 559.5 |
| 17.5°  | 387.6 | 393.9 | 405.1 | 418.1 | 431.3 | 446.9 | 466.9 | 483.0 | 496.9 | 521.3 | 543.6 |
| 20°    | 368.0 | 375.7 | 387.1 | 400.5 | 412.1 | 429.1 | 446.4 | 464.8 | 479.8 | 507.3 | 533.4 |
| 22.5°  | 351.3 | 357.4 | 366.6 | 379.8 | 392.4 | 408.0 | 426.9 | 447.0 | 462.7 | 492.4 | 518.8 |
| 25°    | 327.8 | 332.8 | 338.7 | 349.6 | 363.9 | 381.0 | 395.7 | 417.8 | 440.7 | 468.4 | 500.4 |
| 27.5°  | 306.6 | 310.2 | 315.4 | 325.0 | 336.1 | 352.0 | 368.4 | 389.3 | 412.4 | 442.5 | 476.3 |
| 30°    | 293.7 | 296.0 | 301.2 | 309.2 | 320.1 | 332.6 | 349.2 | 369.1 | 392.8 | 423.2 | 456.8 |
| 32.5°  | 282.5 | 284.5 | 288.0 | 295.5 | 305.0 | 315.7 | 330.6 | 350.6 | 373.1 | 403.0 | 440.3 |
| 35°    | 265.6 | 267.1 | 270.1 | 276.2 | 281.5 | 291.9 | 304.4 | 322.6 | 343.7 | 372.3 | 410.9 |
| 37.5°  | 248.7 | 250.9 | 252.7 | 255.3 | 262.0 | 268.9 | 279.7 | 295.1 | 315.8 | 344.7 | 381.5 |
| 40°    | 237.6 | 239.4 | 242.2 | 243.3 | 248.7 | 254.9 | 263.7 | 277.8 | 298.7 | 325.1 | 361.0 |
| 42.5°  | 226.3 | 228.2 | 229.8 | 231.1 | 235.8 | 241.2 | 249.2 | 261.3 | 279.8 | 305.4 | 341.0 |
| 45°    | 211.0 | 211.3 | 212.9 | 215.4 | 217.6 | 221.5 | 227.2 | 237.6 | 251.9 | 276.0 | 308.3 |
| 47.5°  | 195.5 | 195.8 | 196.0 | 197.1 | 199.6 | 203.1 | 206.9 | 215.4 | 228.2 | 247.4 | 278.8 |
| 50°    | 185.1 | 184.7 | 185.1 | 186.0 | 187.6 | 190.6 | 194.9 | 201.0 | 211.5 | 229.4 | 258.3 |
| 52.5°  | 175.1 | 175.1 | 174.8 | 175.1 | 176.4 | 178.4 | 181.5 | 186.7 | 196.0 | 212.5 | 237.9 |
| 55°    | 159.9 | 158.8 | 159.0 | 158.1 | 160.2 | 160.6 | 162.9 | 167.2 | 175.4 | 186.7 | 210.6 |
| 57.5°  | 143.7 | 142.8 | 141.8 | 141.5 | 141.3 | 142.5 | 144.3 | 147.7 | 154.0 | 164.0 | 183.3 |
| 60°    | 133.3 | 132.2 | 130.8 | 130.4 | 130.4 | 131.1 | 132.0 | 134.5 | 140.4 | 149.2 | 165.1 |
| 62.5°  | 122.8 | 121.5 | 120.7 | 119.5 | 119.1 | 119.8 | 120.7 | 122.5 | 126.8 | 135.1 | 148.8 |
| 65°    | 106.5 | 104.9 | 103.8 | 103.6 | 103.1 | 102.5 | 102.9 | 104.7 | 108.1 | 114.7 | 125.6 |
| 67.5°  | 90.2  | 88.7  | 88.5  | 87.1  | 86.5  | 86.6  | 86.5  | 88.0  | 90.1  | 95.8  | 103.9 |
| 70°    | 79.5  | 78.4  | 77.9  | 76.8  | 76.3  | 75.9  | 75.4  | 76.8  | 78.8  | 83.6  | 90.6  |
| 72.5°  | 68.6  | 67.6  | 66.7  | 65.7  | 65.8  | 65.3  | 65.2  | 66.1  | 67.7  | 72.1  | 77.6  |
| 75°    | 52.9  | 53.2  | 52.0  | 50.9  | 50.7  | 50.2  | 50.2  | 50.9  | 51.6  | 55.0  | 59.3  |
| 77.5°  | 38.4  | 38.2  | 37.3  | 36.9  | 36.7  | 36.2  | 36.7  | 37.1  | 37.5  | 39.8  | 42.9  |
| 80°    | 29.3  | 29.3  | 28.2  | 28.2  | 27.9  | 27.3  | 27.9  | 27.5  | 28.4  | 30.7  | 32.9  |
| 82.5°  | 20.9  | 20.6  | 20.5  | 20.2  | 20.1  | 19.6  | 19.9  | 20.4  | 20.8  | 22.3  | 23.7  |
| 85°    | 10.2  | 10.2  | 10.0  | 9.8   | 10.0  | 9.8   | 10.0  | 10.2  | 10.4  | 11.1  | 12.3  |
| 87.5°  | 9.1   | 9.3   | 8.6   | 7.8   | 6.8   | 6.0   | 5.4   | 5.1   | 4.9   | 4.5   | 4.2   |
| 90°    | 34.5  | 34.9  | 30.0  | 25.2  | 20.3  | 15.4  | 11.6  | 9.0   | 6.3   | 3.7   | 1.0   |
| 92.5°  | 31.8  | 31.7  | 30.6  | 29.4  | 28.3  | 27.1  | 25.6  | 23.6  | 21.7  | 19.7  | 17.8  |
| 95°    | 63.9  | 63.9  | 63.4  | 63.0  | 62.5  | 62.1  | 60.8  | 58.5  | 56.3  | 54.1  | 51.9  |
| 97.5°  | 107.4 | 107.4 | 106.5 | 105.7 | 104.9 | 104.0 | 102.6 | 100.7 | 98.7  | 96.8  | 94.8  |
| 100°   | 137.7 | 137.7 | 137.1 | 136.4 | 135.7 | 135.1 | 133.8 | 132.1 | 130.3 | 128.5 | 126.7 |
| 102.5° | 170.6 | 170.5 | 169.6 | 168.8 | 167.9 | 167.1 | 165.9 | 164.5 | 163.1 | 161.7 | 160.3 |
| 105°   | 220.0 | 219.5 | 219.1 | 218.7 | 218.2 | 217.8 | 217.2 | 216.6 | 215.9 | 215.2 | 214.6 |
| 107.5° | 273.8 | 273.6 | 273.6 | 273.6 | 273.6 | 273.6 | 273.2 | 272.2 | 271.2 | 270.2 | 269.2 |
| 110°   | 310.4 | 310.4 | 310.4 | 310.4 | 310.4 | 310.4 | 309.7 | 308.4 | 307.0 | 305.7 | 304.4 |



TEST NUMBER: P331268

CATALOG NUMBER: S122DIP-S290D925U835-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   | 250°   | 255°   | 260°   | 265°   | 270°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 347.4  | 347.9  | 348.1  | 348.2  | 348.4  | 348.6  | 348.0  | 346.7  | 345.4  | 344.0  | 342.7  |
| 115°   | 403.0  | 403.2  | 403.6  | 404.1  | 404.5  | 404.9  | 404.5  | 403.2  | 401.8  | 400.5  | 399.2  |
| 117.5° | 457.3  | 457.9  | 459.1  | 460.3  | 461.6  | 462.8  | 462.6  | 460.8  | 459.0  | 457.2  | 455.5  |
| 120°   | 493.0  | 493.0  | 494.8  | 496.5  | 498.3  | 500.1  | 500.1  | 498.3  | 496.5  | 494.8  | 493.0  |
| 122.5° | 530.8  | 531.3  | 532.6  | 533.8  | 535.0  | 536.3  | 535.8  | 533.7  | 531.6  | 529.4  | 527.3  |
| 125°   | 586.1  | 586.8  | 587.5  | 588.1  | 588.8  | 589.5  | 588.8  | 586.8  | 584.8  | 582.8  | 580.8  |
| 127.5° | 639.9  | 640.7  | 641.5  | 642.3  | 643.1  | 643.9  | 643.0  | 640.5  | 638.0  | 635.4  | 632.9  |
| 130°   | 676.2  | 676.6  | 677.1  | 677.5  | 677.9  | 678.4  | 677.2  | 674.3  | 671.4  | 668.5  | 665.6  |
| 132.5° | 712.4  | 713.3  | 713.2  | 713.2  | 713.1  | 713.0  | 711.8  | 709.4  | 707.1  | 704.7  | 702.4  |
| 135°   | 764.2  | 764.4  | 764.0  | 763.5  | 763.1  | 762.7  | 761.2  | 758.8  | 756.3  | 753.9  | 751.5  |
| 137.5° | 814.6  | 814.7  | 814.2  | 813.6  | 813.0  | 812.4  | 811.1  | 809.1  | 807.1  | 805.1  | 803.2  |
| 140°   | 848.3  | 848.3  | 847.2  | 846.0  | 844.9  | 843.8  | 842.3  | 840.3  | 838.3  | 836.3  | 834.3  |
| 142.5° | 878.8  | 878.6  | 877.8  | 877.1  | 876.3  | 875.6  | 874.2  | 872.2  | 870.2  | 868.2  | 866.2  |
| 145°   | 925.3  | 925.1  | 923.8  | 922.4  | 921.1  | 919.8  | 918.3  | 916.8  | 915.2  | 913.7  | 912.1  |
| 147.5° | 965.9  | 965.4  | 964.5  | 963.6  | 962.8  | 961.9  | 960.5  | 958.6  | 956.8  | 954.9  | 953.0  |
| 150°   | 991.6  | 991.0  | 990.1  | 989.2  | 988.3  | 987.4  | 986.3  | 985.0  | 983.6  | 982.3  | 981.0  |
| 152.5° | 1017.4 | 1016.5 | 1015.4 | 1014.4 | 1013.3 | 1012.3 | 1011.1 | 1009.7 | 1008.4 | 1007.1 | 1005.7 |
| 155°   | 1050.0 | 1048.8 | 1048.2 | 1047.5 | 1046.9 | 1046.2 | 1045.5 | 1044.9 | 1044.2 | 1043.5 | 1042.9 |
| 157.5° | 1079.9 | 1078.4 | 1078.0 | 1077.6 | 1077.2 | 1076.8 | 1076.4 | 1075.9 | 1075.5 | 1075.0 | 1074.6 |
| 160°   | 1098.1 | 1096.7 | 1096.5 | 1096.3 | 1096.1 | 1095.9 | 1095.5 | 1095.1 | 1094.6 | 1094.2 | 1093.8 |
| 162.5° | 1114.2 | 1112.7 | 1112.5 | 1112.3 | 1112.1 | 1111.8 | 1111.7 | 1111.6 | 1111.5 | 1111.4 | 1111.3 |
| 165°   | 1135.2 | 1133.7 | 1133.7 | 1133.7 | 1133.7 | 1133.7 | 1133.8 | 1134.0 | 1134.2 | 1134.5 | 1134.7 |
| 167.5° | 1152.6 | 1151.0 | 1151.1 | 1151.1 | 1151.2 | 1151.2 | 1151.6 | 1152.2 | 1152.9 | 1153.6 | 1154.2 |
| 170°   | 1162.2 | 1160.6 | 1160.8 | 1161.1 | 1161.3 | 1161.5 | 1161.9 | 1162.6 | 1163.3 | 1163.9 | 1164.6 |
| 172.5° | 1169.4 | 1167.8 | 1168.0 | 1168.2 | 1168.5 | 1168.7 | 1169.1 | 1169.8 | 1170.5 | 1171.1 | 1171.8 |
| 175°   | 1177.1 | 1175.6 | 1176.0 | 1176.5 | 1176.9 | 1177.4 | 1177.9 | 1178.6 | 1179.2 | 1179.9 | 1180.6 |
| 177.5° | 1181.2 | 1180.2 | 1180.5 | 1180.9 | 1181.2 | 1181.6 | 1182.0 | 1182.6 | 1183.1 | 1183.6 | 1184.2 |
| 180°   | 1182.6 | 1182.6 | 1182.6 | 1182.6 | 1182.6 | 1182.6 | 1182.6 | 1182.6 | 1182.6 | 1182.6 | 1182.6 |



TEST NUMBER: P331268

CATALOG NUMBER: S122DIP-S290D925U835-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 275°  | 280°  | 285°  | 290°  | 295°  | 300°  | 305°  | 310°  | 315°  | 320°  | 325°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 591.1 | 591.1 | 591.1 | 591.1 | 591.1 | 591.1 | 591.1 | 591.1 | 591.1 | 591.1 | 591.1 |
| 2.5°   | 594.2 | 595.1 | 598.0 | 600.9 | 604.2 | 605.1 | 606.5 | 605.3 | 604.9 | 608.3 | 610.9 |
| 5°     | 595.9 | 599.9 | 607.9 | 615.2 | 621.3 | 625.6 | 630.2 | 632.0 | 635.4 | 640.1 | 646.1 |
| 7.5°   | 593.9 | 601.9 | 614.4 | 625.0 | 636.5 | 644.8 | 651.3 | 656.9 | 663.6 | 672.6 | 682.5 |
| 10°    | 591.8 | 602.4 | 617.7 | 630.6 | 644.7 | 655.4 | 664.2 | 672.9 | 682.9 | 695.4 | 708.3 |
| 12.5°  | 587.8 | 600.4 | 619.5 | 634.8 | 652.9 | 663.4 | 675.3 | 693.9 | 704.7 | 722.1 | 740.3 |
| 15°    | 579.7 | 593.8 | 620.4 | 639.2 | 659.7 | 679.7 | 701.7 | 719.4 | 737.1 | 747.4 | 773.0 |
| 17.5°  | 567.8 | 588.4 | 617.9 | 639.9 | 665.9 | 697.3 | 722.1 | 742.2 | 762.6 | 779.2 | 792.1 |
| 20°    | 558.1 | 580.6 | 614.3 | 640.6 | 671.5 | 705.3 | 733.7 | 754.2 | 771.9 | 785.8 | 793.7 |
| 22.5°  | 546.0 | 574.3 | 607.0 | 637.9 | 677.3 | 710.8 | 740.6 | 756.7 | 771.5 | 778.3 | 781.4 |
| 25°    | 526.8 | 560.9 | 597.9 | 635.6 | 680.1 | 715.6 | 742.8 | 752.6 | 756.9 | 750.3 | 739.4 |
| 27.5°  | 506.1 | 544.1 | 587.4 | 631.3 | 678.4 | 712.5 | 732.0 | 730.5 | 723.2 | 701.8 | 684.8 |
| 30°    | 490.7 | 532.5 | 579.0 | 627.0 | 674.2 | 707.4 | 718.7 | 707.4 | 690.8 | 667.0 | 642.6 |
| 32.5°  | 474.5 | 517.8 | 570.1 | 620.8 | 666.6 | 695.8 | 698.2 | 678.7 | 653.0 | 625.9 | 595.6 |
| 35°    | 450.0 | 496.8 | 553.4 | 607.0 | 650.4 | 668.8 | 657.9 | 623.3 | 592.9 | 555.9 | 514.5 |
| 37.5°  | 422.3 | 474.0 | 530.7 | 586.8 | 626.1 | 630.9 | 603.8 | 567.5 | 524.5 | 481.0 | 432.3 |
| 40°    | 401.6 | 456.4 | 514.8 | 571.3 | 606.1 | 601.1 | 566.5 | 526.6 | 475.5 | 422.3 | 377.1 |
| 42.5°  | 383.1 | 437.8 | 497.3 | 552.8 | 580.6 | 566.9 | 526.6 | 477.5 | 422.6 | 372.5 | 331.1 |
| 45°    | 351.0 | 407.3 | 468.2 | 521.8 | 537.7 | 512.9 | 459.6 | 405.0 | 351.0 | 309.2 | 276.5 |
| 47.5°  | 319.8 | 375.5 | 435.8 | 482.9 | 488.5 | 455.2 | 396.9 | 340.8 | 294.3 | 260.3 | 237.2 |
| 50°    | 296.9 | 352.8 | 412.5 | 454.6 | 452.7 | 412.5 | 352.6 | 299.2 | 260.3 | 232.8 | 217.4 |
| 52.5°  | 276.4 | 329.2 | 386.5 | 424.8 | 415.1 | 371.3 | 314.0 | 266.6 | 234.7 | 213.2 | 199.2 |
| 55°    | 244.4 | 293.3 | 347.8 | 378.5 | 360.7 | 312.1 | 263.7 | 225.6 | 201.9 | 185.8 | 174.9 |
| 57.5°  | 212.7 | 258.5 | 305.2 | 324.1 | 304.5 | 259.6 | 219.3 | 191.6 | 173.8 | 161.9 | 154.8 |
| 60°    | 193.1 | 233.1 | 274.6 | 291.0 | 267.6 | 227.6 | 195.8 | 171.1 | 156.7 | 147.0 | 140.6 |
| 62.5°  | 173.5 | 209.3 | 248.5 | 257.4 | 236.0 | 202.2 | 174.0 | 153.4 | 141.7 | 133.0 | 127.0 |
| 65°    | 146.7 | 176.1 | 205.8 | 211.7 | 192.0 | 165.8 | 143.6 | 130.2 | 119.7 | 113.4 | 108.6 |
| 67.5°  | 120.4 | 143.9 | 165.0 | 169.7 | 152.4 | 134.3 | 118.2 | 106.5 | 99.5  | 94.2  | 90.1  |
| 70°    | 104.7 | 123.4 | 140.6 | 144.5 | 130.6 | 114.5 | 102.2 | 92.9  | 86.5  | 82.0  | 78.1  |
| 72.5°  | 88.2  | 103.7 | 118.1 | 120.7 | 109.4 | 97.0  | 87.0  | 79.6  | 74.0  | 71.1  | 67.4  |
| 75°    | 67.5  | 76.6  | 87.7  | 88.4  | 80.9  | 73.4  | 65.7  | 60.9  | 57.9  | 54.3  | 52.5  |
| 77.5°  | 47.6  | 54.7  | 61.1  | 62.3  | 57.9  | 52.8  | 48.5  | 44.7  | 42.2  | 40.5  | 38.8  |
| 80°    | 36.3  | 42.0  | 44.8  | 46.3  | 43.2  | 39.5  | 37.0  | 34.5  | 32.9  | 31.8  | 30.7  |
| 82.5°  | 26.0  | 29.5  | 32.0  | 33.3  | 31.5  | 29.3  | 26.9  | 25.4  | 24.2  | 23.3  | 22.9  |
| 85°    | 13.2  | 14.8  | 16.4  | 16.8  | 16.4  | 15.4  | 14.1  | 14.1  | 13.4  | 13.2  | 13.2  |
| 87.5°  | 5.3   | 6.5   | 7.1   | 8.1   | 8.5   | 9.5   | 10.5  | 11.3  | 12.1  | 11.8  | 11.5  |
| 90°    | 3.7   | 6.3   | 9.0   | 11.6  | 15.4  | 20.3  | 25.2  | 30.0  | 34.9  | 34.5  | 34.0  |
| 92.5°  | 19.7  | 21.7  | 23.6  | 25.6  | 27.1  | 28.3  | 29.4  | 30.6  | 31.7  | 31.8  | 31.9  |
| 95°    | 54.1  | 56.3  | 58.5  | 60.8  | 62.1  | 62.5  | 63.0  | 63.4  | 63.9  | 63.9  | 63.9  |
| 97.5°  | 96.8  | 98.7  | 100.7 | 102.6 | 104.0 | 104.9 | 105.7 | 106.5 | 107.4 | 107.4 | 107.4 |
| 100°   | 128.5 | 130.3 | 132.1 | 133.8 | 135.1 | 135.7 | 136.4 | 137.1 | 137.7 | 137.7 | 137.7 |
| 102.5° | 161.7 | 163.1 | 164.5 | 165.9 | 167.1 | 167.9 | 168.8 | 169.6 | 170.5 | 170.6 | 170.8 |
| 105°   | 215.2 | 215.9 | 216.6 | 217.2 | 217.8 | 218.2 | 218.7 | 219.1 | 219.5 | 220.0 | 220.4 |
| 107.5° | 270.2 | 271.2 | 272.2 | 273.2 | 273.6 | 273.6 | 273.6 | 273.6 | 273.6 | 273.8 | 274.0 |
| 110°   | 305.7 | 307.0 | 308.4 | 309.7 | 310.4 | 310.4 | 310.4 | 310.4 | 310.4 | 310.4 | 310.4 |





TEST NUMBER: P331268

CATALOG NUMBER: S122DIP-S290D925U835-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 275°   | 280°   | 285°   | 290°   | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 344.0  | 345.4  | 346.7  | 348.0  | 348.6  | 348.4  | 348.2  | 348.1  | 347.9  | 347.4  | 346.8  |
| 115°   | 400.5  | 401.8  | 403.2  | 404.5  | 404.9  | 404.5  | 404.1  | 403.6  | 403.2  | 403.0  | 402.7  |
| 117.5° | 457.2  | 459.0  | 460.8  | 462.6  | 462.8  | 461.6  | 460.3  | 459.1  | 457.9  | 457.3  | 456.8  |
| 120°   | 494.8  | 496.5  | 498.3  | 500.1  | 500.1  | 498.3  | 496.5  | 494.8  | 493.0  | 493.0  | 493.0  |
| 122.5° | 529.4  | 531.6  | 533.7  | 535.8  | 536.3  | 535.0  | 533.8  | 532.6  | 531.3  | 530.8  | 530.2  |
| 125°   | 582.8  | 584.8  | 586.8  | 588.8  | 589.5  | 588.8  | 588.1  | 587.5  | 586.8  | 586.1  | 585.5  |
| 127.5° | 635.4  | 638.0  | 640.5  | 643.0  | 643.9  | 643.1  | 642.3  | 641.5  | 640.7  | 639.9  | 639.1  |
| 130°   | 668.5  | 671.4  | 674.3  | 677.2  | 678.4  | 677.9  | 677.5  | 677.1  | 676.6  | 676.2  | 675.7  |
| 132.5° | 704.7  | 707.1  | 709.4  | 711.8  | 713.0  | 713.1  | 713.2  | 713.2  | 713.3  | 712.4  | 711.4  |
| 135°   | 753.9  | 756.3  | 758.8  | 761.2  | 762.7  | 763.1  | 763.5  | 764.0  | 764.4  | 764.2  | 764.0  |
| 137.5° | 805.1  | 807.1  | 809.1  | 811.1  | 812.4  | 813.0  | 813.6  | 814.2  | 814.7  | 814.6  | 814.4  |
| 140°   | 836.3  | 838.3  | 840.3  | 842.3  | 843.8  | 844.9  | 846.0  | 847.2  | 848.3  | 848.3  | 848.3  |
| 142.5° | 868.2  | 870.2  | 872.2  | 874.2  | 875.6  | 876.3  | 877.1  | 877.8  | 878.6  | 878.8  | 879.0  |
| 145°   | 913.7  | 915.2  | 916.8  | 918.3  | 919.8  | 921.1  | 922.4  | 923.8  | 925.1  | 925.3  | 925.5  |
| 147.5° | 954.9  | 956.8  | 958.6  | 960.5  | 961.9  | 962.8  | 963.6  | 964.5  | 965.4  | 965.9  | 966.4  |
| 150°   | 982.3  | 983.6  | 985.0  | 986.3  | 987.4  | 988.3  | 989.2  | 990.1  | 991.0  | 991.6  | 992.3  |
| 152.5° | 1007.1 | 1008.4 | 1009.7 | 1011.1 | 1012.3 | 1013.3 | 1014.4 | 1015.4 | 1016.5 | 1017.4 | 1018.2 |
| 155°   | 1043.5 | 1044.2 | 1044.9 | 1045.5 | 1046.2 | 1046.9 | 1047.5 | 1048.2 | 1048.8 | 1050.0 | 1051.1 |
| 157.5° | 1075.0 | 1075.5 | 1075.9 | 1076.4 | 1076.8 | 1077.2 | 1077.6 | 1078.0 | 1078.4 | 1079.9 | 1081.4 |
| 160°   | 1094.2 | 1094.6 | 1095.1 | 1095.5 | 1095.9 | 1096.1 | 1096.3 | 1096.5 | 1096.7 | 1098.1 | 1099.4 |
| 162.5° | 1111.4 | 1111.5 | 1111.6 | 1111.7 | 1111.8 | 1112.1 | 1112.3 | 1112.5 | 1112.7 | 1114.2 | 1115.7 |
| 165°   | 1134.5 | 1134.2 | 1134.0 | 1133.8 | 1133.7 | 1133.7 | 1133.7 | 1133.7 | 1133.7 | 1135.2 | 1136.8 |
| 167.5° | 1153.6 | 1152.9 | 1152.2 | 1151.6 | 1151.2 | 1151.2 | 1151.1 | 1151.1 | 1151.0 | 1152.6 | 1154.1 |
| 170°   | 1163.9 | 1163.3 | 1162.6 | 1161.9 | 1161.5 | 1161.3 | 1161.1 | 1160.8 | 1160.6 | 1162.2 | 1163.7 |
| 172.5° | 1171.1 | 1170.5 | 1169.8 | 1169.1 | 1168.7 | 1168.5 | 1168.2 | 1168.0 | 1167.8 | 1169.4 | 1170.9 |
| 175°   | 1179.9 | 1179.2 | 1178.6 | 1177.9 | 1177.4 | 1176.9 | 1176.5 | 1176.0 | 1175.6 | 1177.1 | 1178.7 |
| 177.5° | 1183.6 | 1183.1 | 1182.6 | 1182.0 | 1181.6 | 1181.2 | 1180.9 | 1180.5 | 1180.2 | 1181.2 | 1182.3 |
| 180°   | 1182.6 | 1182.6 | 1182.6 | 1182.6 | 1182.6 | 1182.6 | 1182.6 | 1182.6 | 1182.6 | 1182.6 | 1182.6 |



TEST NUMBER: P331268

CATALOG NUMBER: S122DIP-S290D925U835-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 330°  | 335°  | 340°  | 345°  | 350°  | 355°  | 360°  |
|--------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 591.1 | 591.1 | 591.1 | 591.1 | 591.1 | 591.1 | 591.1 |
| 2.5°   | 613.1 | 615.6 | 615.6 | 616.0 | 618.9 | 618.5 | 618.3 |
| 5°     | 652.4 | 656.3 | 656.7 | 660.8 | 663.5 | 662.6 | 660.1 |
| 7.5°   | 689.5 | 696.7 | 702.2 | 705.2 | 708.8 | 711.0 | 710.0 |
| 10°    | 719.0 | 729.4 | 735.8 | 740.1 | 745.3 | 749.2 | 747.8 |
| 12.5°  | 745.7 | 758.1 | 766.9 | 774.3 | 774.9 | 779.9 | 776.5 |
| 15°    | 787.4 | 800.5 | 801.9 | 807.3 | 811.7 | 811.2 | 811.4 |
| 17.5°  | 801.1 | 805.3 | 806.2 | 806.3 | 806.4 | 804.8 | 801.3 |
| 20°    | 796.2 | 794.6 | 790.8 | 787.8 | 782.6 | 781.9 | 777.4 |
| 22.5°  | 772.9 | 767.9 | 758.2 | 751.8 | 743.7 | 741.6 | 740.3 |
| 25°    | 727.2 | 716.0 | 700.6 | 685.8 | 681.7 | 673.8 | 676.0 |
| 27.5°  | 664.3 | 647.0 | 630.2 | 618.3 | 607.4 | 595.5 | 598.9 |
| 30°    | 620.2 | 600.6 | 577.0 | 558.8 | 547.2 | 535.9 | 533.8 |
| 32.5°  | 567.5 | 538.8 | 512.5 | 496.5 | 478.7 | 471.5 | 463.7 |
| 35°    | 476.6 | 448.6 | 422.5 | 400.0 | 387.1 | 377.1 | 368.0 |
| 37.5°  | 394.9 | 362.7 | 341.6 | 323.4 | 314.0 | 308.3 | 309.8 |
| 40°    | 344.2 | 316.0 | 300.5 | 286.7 | 278.0 | 274.0 | 274.9 |
| 42.5°  | 303.1 | 282.0 | 269.3 | 259.8 | 253.7 | 251.4 | 250.9 |
| 45°    | 256.5 | 244.7 | 234.2 | 228.8 | 225.8 | 223.3 | 221.7 |
| 47.5°  | 224.7 | 215.0 | 209.1 | 205.9 | 203.3 | 200.8 | 200.7 |
| 50°    | 205.6 | 199.2 | 195.1 | 191.7 | 189.7 | 187.9 | 189.5 |
| 52.5°  | 191.0 | 185.2 | 181.1 | 178.1 | 177.3 | 175.7 | 175.6 |
| 55°    | 169.5 | 164.9 | 162.0 | 159.2 | 157.9 | 157.0 | 155.8 |
| 57.5°  | 149.8 | 145.5 | 142.8 | 141.1 | 138.5 | 137.6 | 137.2 |
| 60°    | 135.8 | 132.4 | 129.7 | 127.4 | 126.3 | 124.5 | 124.5 |
| 62.5°  | 122.9 | 119.5 | 117.0 | 115.3 | 113.4 | 112.7 | 112.9 |
| 65°    | 104.3 | 101.5 | 99.0  | 97.2  | 96.8  | 95.4  | 95.9  |
| 67.5°  | 87.1  | 85.3  | 82.6  | 81.6  | 80.8  | 80.1  | 79.5  |
| 70°    | 75.6  | 73.8  | 72.5  | 71.1  | 70.4  | 70.4  | 70.4  |
| 72.5°  | 66.0  | 63.8  | 63.0  | 61.3  | 61.7  | 61.0  | 60.2  |
| 75°    | 51.1  | 49.7  | 49.1  | 48.4  | 47.3  | 47.3  | 47.3  |
| 77.5°  | 37.6  | 37.2  | 36.4  | 35.7  | 35.4  | 35.2  | 35.3  |
| 80°    | 29.1  | 28.8  | 28.4  | 28.4  | 27.9  | 27.7  | 27.3  |
| 82.5°  | 22.4  | 21.8  | 21.5  | 21.3  | 21.2  | 21.2  | 21.1  |
| 85°    | 12.7  | 12.3  | 12.3  | 12.5  | 12.0  | 12.0  | 12.3  |
| 87.5°  | 11.6  | 11.5  | 11.3  | 11.4  | 11.6  | 11.5  | 11.5  |
| 90°    | 33.6  | 33.2  | 33.0  | 33.3  | 33.5  | 33.7  | 33.9  |
| 92.5°  | 32.0  | 32.1  | 32.2  | 32.2  | 32.2  | 32.3  | 32.3  |
| 95°    | 63.9  | 63.9  | 63.6  | 63.2  | 62.8  | 62.3  | 61.9  |
| 97.5°  | 107.4 | 107.4 | 107.4 | 107.3 | 107.3 | 107.2 | 107.2 |
| 100°   | 137.7 | 137.7 | 137.6 | 137.4 | 137.2 | 136.9 | 136.7 |
| 102.5° | 171.0 | 171.2 | 171.1 | 170.9 | 170.7 | 170.5 | 170.3 |
| 105°   | 220.9 | 221.3 | 221.5 | 221.5 | 221.5 | 221.5 | 221.5 |
| 107.5° | 274.2 | 274.3 | 273.9 | 272.9 | 271.9 | 270.9 | 269.8 |
| 110°   | 310.4 | 310.4 | 310.0 | 309.4 | 308.7 | 308.0 | 307.4 |



TEST NUMBER: P331268

CATALOG NUMBER: S122DIP-S290D925U835-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 330°   | 335°   | 340°   | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 346.3  | 345.8  | 345.2  | 344.8  | 344.3  | 343.8  | 343.3  |
| 115°   | 402.5  | 402.3  | 401.8  | 401.2  | 400.5  | 399.8  | 399.2  |
| 117.5° | 456.3  | 455.7  | 455.1  | 454.5  | 453.8  | 453.1  | 452.5  |
| 120°   | 493.0  | 493.0  | 492.7  | 492.0  | 491.3  | 490.7  | 490.0  |
| 122.5° | 529.7  | 529.2  | 528.7  | 528.2  | 527.7  | 527.2  | 526.7  |
| 125°   | 584.8  | 584.1  | 583.7  | 583.5  | 583.2  | 583.0  | 582.8  |
| 127.5° | 638.3  | 637.5  | 636.7  | 636.0  | 635.3  | 634.6  | 633.9  |
| 130°   | 675.3  | 674.8  | 674.2  | 673.3  | 672.4  | 671.5  | 670.6  |
| 132.5° | 710.4  | 709.4  | 708.6  | 707.9  | 707.2  | 706.5  | 705.8  |
| 135°   | 763.8  | 763.5  | 763.1  | 762.4  | 761.8  | 761.1  | 760.4  |
| 137.5° | 814.2  | 814.0  | 813.5  | 812.6  | 811.7  | 810.8  | 809.9  |
| 140°   | 848.3  | 848.3  | 847.8  | 846.9  | 846.0  | 845.2  | 844.3  |
| 142.5° | 879.1  | 879.3  | 879.0  | 878.1  | 877.2  | 876.3  | 875.4  |
| 145°   | 925.8  | 926.0  | 925.7  | 924.8  | 923.9  | 923.0  | 922.1  |
| 147.5° | 966.9  | 967.4  | 967.2  | 966.4  | 965.5  | 964.7  | 963.8  |
| 150°   | 993.0  | 993.6  | 993.6  | 993.0  | 992.3  | 991.6  | 991.0  |
| 152.5° | 1019.0 | 1019.9 | 1019.9 | 1019.0 | 1018.2 | 1017.4 | 1016.5 |
| 155°   | 1052.2 | 1053.3 | 1053.5 | 1052.8 | 1052.2 | 1051.5 | 1050.8 |
| 157.5° | 1082.9 | 1084.4 | 1084.6 | 1083.6 | 1082.5 | 1081.4 | 1080.4 |
| 160°   | 1100.7 | 1102.1 | 1102.3 | 1101.4 | 1100.5 | 1099.6 | 1098.7 |
| 162.5° | 1117.2 | 1118.7 | 1119.0 | 1117.9 | 1116.8 | 1115.8 | 1114.7 |
| 165°   | 1138.3 | 1139.9 | 1140.1 | 1139.0 | 1137.9 | 1136.8 | 1135.7 |
| 167.5° | 1155.7 | 1157.2 | 1157.4 | 1156.3 | 1155.1 | 1154.0 | 1152.8 |
| 170°   | 1165.3 | 1166.8 | 1166.9 | 1165.6 | 1164.3 | 1162.9 | 1161.6 |
| 172.5° | 1172.5 | 1174.0 | 1174.1 | 1172.8 | 1171.5 | 1170.1 | 1168.8 |
| 175°   | 1180.2 | 1181.8 | 1181.9 | 1180.6 | 1179.2 | 1177.9 | 1176.6 |
| 177.5° | 1183.4 | 1184.4 | 1184.4 | 1183.4 | 1182.3 | 1181.2 | 1180.2 |
| 180°   | 1182.6 | 1182.6 | 1182.6 | 1182.6 | 1182.6 | 1182.6 | 1182.6 |

(END OF REPORT)