

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: P1008963

Luminaire Tested: S122DIP-B290D925UB35-4F0-XX-W2A-A4

Issue Date: 5/7/2025

**Test Information**

Test Method: LM-79-2019  
Report Number: P1008963  
REPORT IS A COMBINATION OF REPORTS P984093 AND P1007351  
Test Lab: INNOVATION CENTER  
Issue Date: 5/7/2025  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: NEO-RAY  
Catalog Number: S122DIP-B290D925UB35-4F0-XX-W2A-A4  
Description: Define 2 Direct/Indirect Pendant with 3500K BioUP LEDs {m-DER=0.721} {m-EER=0.792}  
Light Source: -  
Ballast/Driver: -

**Summary**

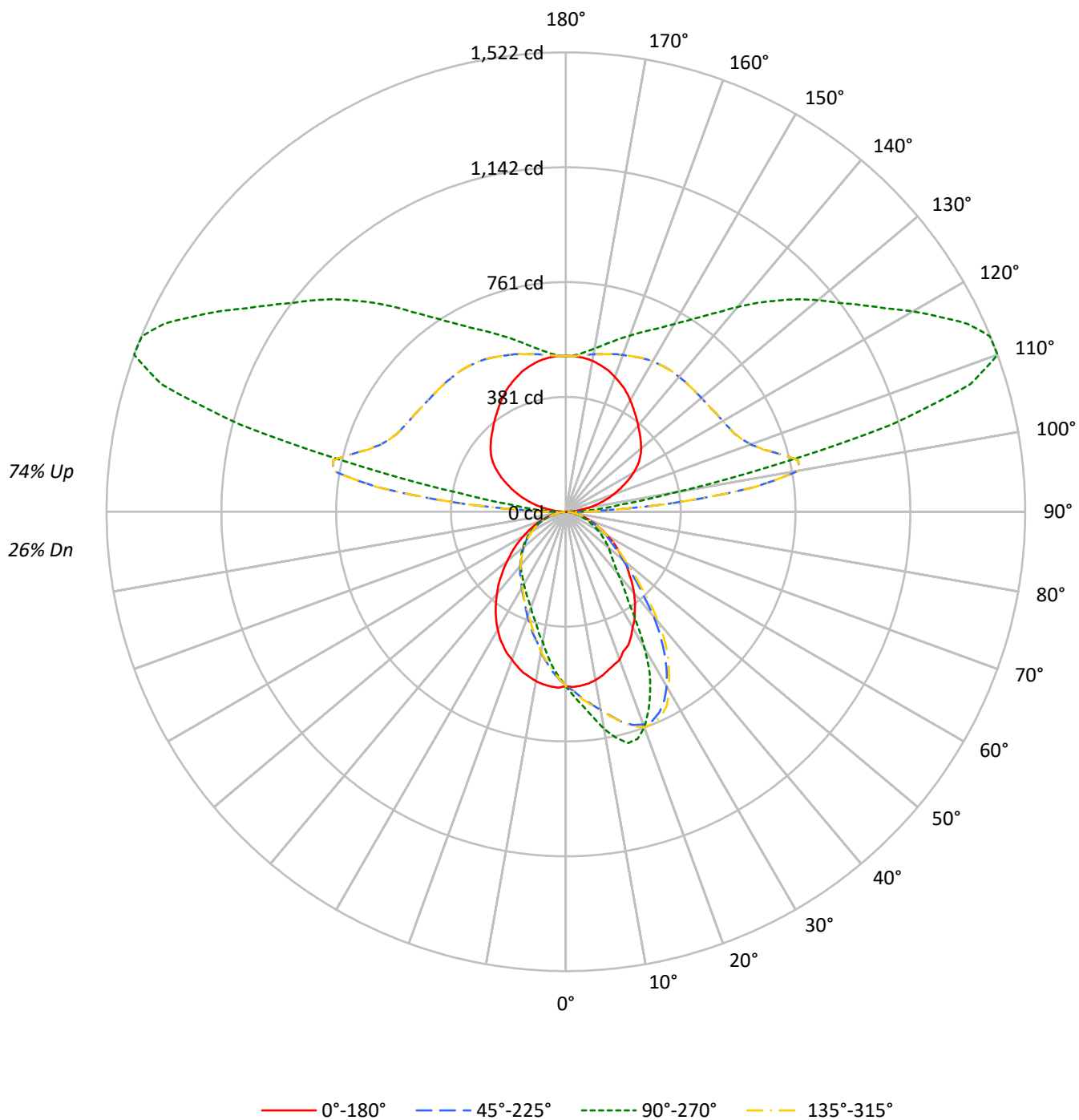
Lumens per Lamp: N/A  
Luminaire Lumens: 4872.0 lumens  
Efficiency: N/A  
Efficacy: 117.4 lumens/watt  
Spacing Criteria (0/90/45): 1.16 / 1.09 / 1.23  
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 4' x H: 0.1')  
CIE Type: Semi-Indirect

Input Watts (W): 41.5  
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: P1008963

CATALOG NUMBER: S122DIP-B290D925UB35-4F0-XX-W2A-A4

### Luminous Intensity Polar Plot



TEST NUMBER: P1008963

CATALOG NUMBER: S122DIP-B290D925UB35-4F0-XX-W2A-A4

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

|     |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |
|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| RF  | 20  |     |     |     | 20 |    |    |    | 20 |    |    |    | 20 |    |    |    | 20 |
| RC  | 80  |     |     |     | 70 |    |    |    | 50 |    |    |    | 30 |    |    |    | 10 |
| RW  | 70  | 50  | 30  | 10  | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 |
| RCR |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 0   | 101 | 101 | 101 | 101 | 91 | 91 | 91 | 91 | 70 | 70 | 70 | 51 | 51 | 51 | 34 | 34 | 34 |
| 1   | 93  | 89  | 85  | 82  | 83 | 79 | 76 | 73 | 62 | 60 | 58 | 46 | 44 | 43 | 31 | 30 | 29 |
| 2   | 85  | 78  | 72  | 67  | 75 | 70 | 65 | 61 | 54 | 51 | 48 | 40 | 38 | 36 | 27 | 26 | 25 |
| 3   | 77  | 68  | 62  | 56  | 69 | 61 | 56 | 51 | 48 | 44 | 41 | 36 | 33 | 31 | 24 | 23 | 22 |
| 4   | 71  | 61  | 53  | 47  | 63 | 54 | 48 | 43 | 43 | 38 | 35 | 32 | 29 | 27 | 22 | 20 | 19 |
| 5   | 65  | 54  | 46  | 41  | 58 | 49 | 42 | 37 | 38 | 34 | 30 | 29 | 26 | 23 | 20 | 18 | 17 |
| 6   | 60  | 48  | 41  | 35  | 53 | 44 | 37 | 32 | 34 | 30 | 26 | 26 | 23 | 20 | 18 | 16 | 15 |
| 7   | 55  | 44  | 36  | 31  | 49 | 39 | 33 | 28 | 31 | 26 | 23 | 24 | 20 | 18 | 17 | 15 | 13 |
| 8   | 51  | 39  | 32  | 27  | 46 | 36 | 29 | 25 | 28 | 24 | 20 | 22 | 18 | 16 | 15 | 13 | 12 |
| 9   | 48  | 36  | 29  | 24  | 42 | 33 | 26 | 22 | 26 | 21 | 18 | 20 | 17 | 14 | 14 | 12 | 11 |
| 10  | 44  | 33  | 26  | 21  | 40 | 30 | 24 | 20 | 24 | 19 | 16 | 18 | 15 | 13 | 13 | 11 | 10 |

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

|     | 0°   | 90°   | 180° | 270° |
|-----|------|-------|------|------|
| 0°  | 9148 | 9148  | 9148 | 9148 |
| 5°  | 9169 | 9753  | 9205 | 7760 |
| 10° | 9062 | 10647 | 9120 | 6398 |
| 15° | 8843 | 11230 | 8966 | 5389 |
| 20° | 8706 | 10545 | 8706 | 4684 |
| 25° | 8428 | 9060  | 8466 | 4189 |
| 30° | 7971 | 7121  | 8124 | 3794 |
| 35° | 7566 | 4924  | 7693 | 3471 |
| 40° | 7102 | 3717  | 7183 | 3214 |
| 45° | 6528 | 3056  | 6635 | 2936 |
| 50° | 6033 | 2681  | 6043 | 2688 |
| 55° | 5468 | 2286  | 5502 | 2418 |
| 60° | 4867 | 1908  | 4934 | 2111 |
| 65° | 4326 | 1552  | 4405 | 1802 |
| 70° | 3789 | 1217  | 3885 | 1454 |
| 75° | 3183 | 884   | 3306 | 1055 |
| 80° | 2483 | 561   | 2659 | 626  |
| 85° | 1624 | 282   | 1752 | 209  |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 157.5°

Vertical Angle: 45°

Luminance: 9457 cd/sqm

TEST NUMBER: P1008963

CATALOG NUMBER: S122DIP-B290D925UB35-4F0-XX-W2A-A4

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 55.0   | 1.1       |
| 10°-20°   | 160.2  | 3.3       |
| 20°-30°   | 232.5  | 4.8       |
| 30°-40°   | 245.1  | 5.0       |
| 40°-50°   | 216.9  | 4.5       |
| 50°-60°   | 173.2  | 3.6       |
| 60°-70°   | 117.6  | 2.4       |
| 70°-80°   | 60.2   | 1.2       |
| 80°-90°   | 17.5   | 0.4       |
| 90°-100°  | 201.2  | 4.1       |
| 100°-110° | 708.4  | 14.5      |
| 110°-120° | 744.0  | 15.3      |
| 120°-130° | 612.1  | 12.6      |
| 130°-140° | 491.7  | 10.1      |
| 140°-150° | 371.4  | 7.6       |
| 150°-160° | 261.1  | 5.4       |
| 160°-170° | 153.7  | 3.2       |
| 170°-180° | 50.0   | 1.0       |
| 0°-30°    | 447.8  | 9.2       |
| 0°-40°    | 692.9  | 14.2      |
| 0°-60°    | 1083.0 | 22.2      |
| 0°-90°    | 1278.3 | 26.2      |
| 90°-120°  | 1653.6 | 33.9      |
| 90°-150°  | 3128.9 | 64.2      |
| 90°-180°  | 3594.0 | 73.8      |
| 0°-180°   | 4872.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°  | 90°  | 180° | 270° | 360° | Flux |
|------|-----|------|------|------|------|------|
| 0°   | 578 | 578  | 578  | 578  | 578  |      |
| 5°   | 578 | 645  | 581  | 514  | 578  | 55   |
| 15°  | 543 | 793  | 551  | 381  | 543  | 153  |
| 25°  | 488 | 661  | 490  | 306  | 488  | 223  |
| 35°  | 398 | 360  | 405  | 254  | 398  | 249  |
| 45°  | 299 | 217  | 304  | 208  | 299  | 232  |
| 55°  | 205 | 152  | 206  | 161  | 205  | 183  |
| 65°  | 122 | 94   | 124  | 109  | 122  | 121  |
| 75°  | 57  | 46   | 59   | 55   | 57   | 61   |
| 85°  | 12  | 12   | 12   | 9    | 12   | 13   |
| 90°  | 1   | 33   | 1    | 33   | 1    | 3    |
| 95°  | 35  | 113  | 35   | 113  | 35   | 36   |
| 105° | 121 | 1118 | 121  | 1118 | 121  | 129  |
| 115° | 213 | 1472 | 213  | 1472 | 213  | 212  |
| 125° | 298 | 1194 | 298  | 1194 | 298  | 265  |
| 135° | 349 | 989  | 349  | 989  | 349  | 270  |
| 145° | 399 | 790  | 399  | 790  | 399  | 250  |
| 155° | 454 | 664  | 454  | 664  | 454  | 209  |
| 165° | 494 | 582  | 494  | 582  | 494  | 139  |
| 175° | 515 | 525  | 515  | 525  | 515  | 49   |
| 180° | 516 | 516  | 516  | 516  | 516  |      |

TEST NUMBER: P1008963

CATALOG NUMBER: S122DIP-B290D925UB35-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (FULL):**

|        | 0°    | 5°    | 10°   | 15°   | 20°   | 22.5° | 25°   | 30°   | 35°   | 40°   | 45°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 577.9 | 577.9 | 577.9 | 577.9 | 577.9 | 577.9 | 577.9 | 577.9 | 577.9 | 577.9 | 577.9 |
| 2.5°   | 581.0 | 582.3 | 584.6 | 585.0 | 589.4 | 593.0 | 597.0 | 597.0 | 598.3 | 597.9 | 594.3 |
| 5°     | 578.3 | 582.3 | 588.1 | 593.0 | 601.0 | 604.5 | 609.9 | 613.9 | 617.4 | 620.1 | 619.6 |
| 7.5°   | 573.9 | 581.0 | 589.4 | 598.8 | 609.4 | 615.6 | 623.2 | 630.3 | 635.2 | 639.6 | 642.7 |
| 10°    | 566.3 | 578.3 | 589.9 | 602.3 | 616.1 | 624.5 | 633.4 | 642.7 | 650.3 | 658.7 | 666.7 |
| 12.5°  | 556.1 | 573.4 | 587.7 | 604.1 | 621.0 | 630.3 | 644.5 | 651.6 | 666.3 | 687.6 | 693.4 |
| 15°    | 543.2 | 566.8 | 580.1 | 601.0 | 623.2 | 630.7 | 650.3 | 661.8 | 692.0 | 705.4 | 721.4 |
| 17.5°  | 531.2 | 557.5 | 575.2 | 599.2 | 621.0 | 635.6 | 654.7 | 678.3 | 703.6 | 722.7 | 740.5 |
| 20°    | 521.5 | 546.8 | 568.1 | 594.8 | 622.3 | 641.0 | 661.0 | 689.4 | 716.9 | 736.5 | 750.2 |
| 22.5°  | 499.3 | 531.7 | 556.6 | 586.3 | 619.6 | 645.4 | 664.5 | 695.6 | 725.4 | 737.4 | 749.3 |
| 25°    | 488.2 | 516.1 | 545.0 | 578.8 | 617.9 | 648.5 | 665.0 | 699.6 | 725.8 | 730.2 | 732.9 |
| 27.5°  | 467.7 | 499.3 | 533.0 | 571.7 | 617.4 | 643.2 | 664.1 | 695.6 | 716.5 | 713.4 | 705.4 |
| 30°    | 442.4 | 481.1 | 518.4 | 560.1 | 611.2 | 639.2 | 658.7 | 687.6 | 698.3 | 682.3 | 668.1 |
| 32.5°  | 423.8 | 460.2 | 501.5 | 549.9 | 604.1 | 630.7 | 649.8 | 672.5 | 674.7 | 645.9 | 621.9 |
| 35°    | 398.4 | 438.9 | 485.5 | 536.6 | 592.1 | 616.1 | 633.9 | 647.6 | 637.0 | 596.5 | 568.1 |
| 37.5°  | 375.8 | 415.8 | 465.5 | 517.5 | 575.7 | 599.2 | 613.4 | 615.6 | 589.4 | 553.9 | 512.1 |
| 40°    | 350.9 | 392.2 | 444.2 | 498.8 | 557.5 | 577.9 | 586.8 | 580.1 | 542.4 | 501.0 | 452.6 |
| 42.5°  | 326.0 | 366.9 | 422.9 | 478.8 | 534.4 | 551.7 | 555.2 | 537.0 | 490.8 | 442.4 | 386.4 |
| 45°    | 298.9 | 341.6 | 397.5 | 454.0 | 507.7 | 517.5 | 517.9 | 491.7 | 437.1 | 386.4 | 334.5 |
| 47.5°  | 276.7 | 316.3 | 371.8 | 428.2 | 473.5 | 480.2 | 477.5 | 447.3 | 387.8 | 330.9 | 285.6 |
| 50°    | 252.3 | 290.1 | 345.1 | 400.7 | 439.3 | 441.1 | 434.4 | 391.3 | 333.1 | 281.2 | 245.2 |
| 52.5°  | 226.1 | 264.3 | 314.9 | 368.2 | 402.9 | 400.2 | 387.3 | 341.1 | 286.5 | 243.4 | 215.9 |
| 55°    | 205.2 | 239.0 | 286.5 | 338.5 | 362.9 | 355.4 | 341.1 | 294.1 | 251.0 | 214.5 | 190.6 |
| 57.5°  | 182.1 | 211.9 | 258.5 | 303.8 | 318.0 | 310.9 | 296.7 | 252.7 | 212.8 | 185.2 | 169.2 |
| 60°    | 160.4 | 187.4 | 228.3 | 266.1 | 277.2 | 269.6 | 253.2 | 213.7 | 184.8 | 161.7 | 149.7 |
| 62.5°  | 140.4 | 163.9 | 198.1 | 232.8 | 237.2 | 229.6 | 215.4 | 183.4 | 158.6 | 140.4 | 131.5 |
| 65°    | 121.7 | 143.9 | 171.5 | 197.7 | 201.7 | 193.7 | 179.0 | 155.9 | 135.0 | 123.5 | 115.0 |
| 67.5°  | 103.5 | 121.3 | 145.7 | 164.8 | 167.0 | 159.5 | 147.5 | 128.8 | 115.9 | 103.5 | 97.3  |
| 70°    | 87.5  | 100.8 | 119.9 | 135.5 | 136.4 | 129.3 | 123.0 | 106.2 | 96.4  | 87.5  | 82.6  |
| 72.5°  | 72.0  | 81.3  | 95.9  | 107.5 | 107.9 | 103.5 | 97.7  | 87.1  | 78.6  | 72.4  | 67.5  |
| 75°    | 56.9  | 64.9  | 73.7  | 84.0  | 83.5  | 80.0  | 75.5  | 68.8  | 61.7  | 57.7  | 55.5  |
| 77.5°  | 43.5  | 48.4  | 55.5  | 62.2  | 62.2  | 60.4  | 57.7  | 52.9  | 48.4  | 44.4  | 42.2  |
| 80°    | 31.1  | 34.2  | 40.0  | 42.2  | 43.1  | 42.6  | 40.4  | 36.9  | 35.1  | 32.0  | 31.1  |
| 82.5°  | 20.0  | 22.2  | 24.9  | 27.1  | 28.4  | 27.5  | 27.1  | 25.3  | 22.7  | 21.8  | 20.9  |
| 85°    | 11.5  | 12.4  | 13.8  | 15.1  | 15.5  | 15.1  | 16.0  | 14.7  | 13.3  | 13.3  | 12.9  |
| 87.5°  | 4.9   | 5.3   | 6.2   | 6.2   | 6.7   | 6.7   | 6.2   | 6.7   | 6.7   | 6.2   | 5.8   |
| 90°    | 1.0   | 4.0   | 7.9   | 9.9   | 11.9  | 13.4  | 14.9  | 19.8  | 26.8  | 32.7  | 33.7  |
| 92.5°  | 14.9  | 20.8  | 28.8  | 33.7  | 41.7  | 47.2  | 52.6  | 79.4  | 117.1 | 150.8 | 152.8 |
| 95°    | 34.7  | 38.7  | 48.6  | 57.6  | 73.4  | 85.4  | 97.3  | 142.9 | 229.2 | 344.4 | 389.0 |
| 97.5°  | 51.6  | 57.6  | 68.5  | 81.4  | 99.2  | 112.6 | 126.0 | 184.6 | 304.7 | 490.2 | 634.1 |
| 100°   | 76.4  | 79.4  | 88.3  | 104.2 | 124.0 | 137.9 | 151.8 | 204.4 | 325.5 | 539.9 | 784.0 |
| 102.5° | 99.2  | 101.2 | 110.2 | 126.0 | 146.9 | 160.8 | 174.7 | 222.3 | 326.5 | 521.0 | 788.9 |
| 105°   | 121.1 | 125.0 | 132.0 | 146.9 | 168.7 | 182.6 | 196.5 | 243.1 | 331.5 | 495.2 | 735.4 |
| 107.5° | 144.9 | 147.9 | 154.8 | 168.7 | 190.5 | 204.4 | 218.3 | 264.0 | 342.4 | 481.3 | 685.7 |
| 110°   | 168.7 | 172.7 | 178.6 | 191.5 | 212.4 | 226.8 | 241.1 | 284.8 | 356.3 | 477.3 | 652.0 |

TEST NUMBER: P1008963

CATALOG NUMBER: S122DIP-B290D925UB35-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 0°    | 5°    | 10°   | 15°   | 20°   | 22.5° | 25°   | 30°   | 35°   | 40°   | 45°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 190.5 | 194.5 | 201.5 | 213.4 | 233.2 | 248.1 | 263.0 | 304.7 | 371.1 | 478.3 | 630.2 |
| 115°   | 213.4 | 218.3 | 224.3 | 236.2 | 256.0 | 269.4 | 282.8 | 325.5 | 386.0 | 482.3 | 615.3 |
| 117.5° | 237.2 | 241.1 | 247.1 | 258.0 | 276.9 | 290.8 | 304.7 | 344.4 | 401.9 | 488.2 | 607.3 |
| 120°   | 259.0 | 263.0 | 268.9 | 277.9 | 297.7 | 311.6 | 325.5 | 364.2 | 417.8 | 494.2 | 600.4 |
| 122.5° | 279.8 | 282.8 | 288.8 | 298.7 | 318.6 | 333.0 | 347.3 | 383.1 | 431.7 | 501.1 | 596.4 |
| 125°   | 297.7 | 300.7 | 306.6 | 318.6 | 338.4 | 352.3 | 366.2 | 401.9 | 446.6 | 508.1 | 591.5 |
| 127.5° | 312.6 | 316.6 | 324.5 | 337.4 | 356.3 | 370.6 | 385.0 | 419.8 | 460.5 | 515.0 | 588.5 |
| 130°   | 325.5 | 329.5 | 339.4 | 353.3 | 373.1 | 387.0 | 400.9 | 435.7 | 473.4 | 523.0 | 586.5 |
| 132.5° | 337.4 | 342.4 | 353.3 | 368.2 | 389.0 | 402.9 | 416.8 | 449.5 | 486.3 | 530.9 | 585.5 |
| 135°   | 349.3 | 353.3 | 365.2 | 380.1 | 402.9 | 416.8 | 430.7 | 462.4 | 497.2 | 536.9 | 584.5 |
| 137.5° | 360.2 | 365.2 | 377.1 | 393.0 | 415.8 | 428.7 | 441.6 | 473.4 | 506.1 | 542.8 | 584.5 |
| 140°   | 373.1 | 377.1 | 389.0 | 404.9 | 426.7 | 439.6 | 452.5 | 482.3 | 513.1 | 546.8 | 583.5 |
| 142.5° | 386.0 | 389.0 | 399.9 | 415.8 | 436.6 | 448.6 | 460.5 | 489.2 | 519.0 | 549.8 | 583.5 |
| 145°   | 398.9 | 402.9 | 412.8 | 427.7 | 447.6 | 458.5 | 469.4 | 496.2 | 524.0 | 551.8 | 581.5 |
| 147.5° | 412.8 | 415.8 | 425.7 | 439.6 | 456.5 | 466.4 | 476.3 | 502.1 | 527.0 | 552.8 | 578.6 |
| 150°   | 426.7 | 429.7 | 437.6 | 450.5 | 465.4 | 474.4 | 483.3 | 506.1 | 528.9 | 551.8 | 575.6 |
| 152.5° | 440.6 | 441.6 | 449.5 | 460.5 | 474.4 | 482.3 | 490.2 | 510.1 | 529.9 | 549.8 | 570.6 |
| 155°   | 453.5 | 454.5 | 460.5 | 471.4 | 482.3 | 489.8 | 497.2 | 514.1 | 530.9 | 547.8 | 564.7 |
| 157.5° | 464.4 | 465.4 | 470.4 | 480.3 | 489.2 | 495.6 | 502.1 | 517.0 | 530.9 | 543.8 | 558.7 |
| 160°   | 475.3 | 476.3 | 480.3 | 488.2 | 496.2 | 501.6 | 507.1 | 519.0 | 530.9 | 540.8 | 552.8 |
| 162.5° | 486.3 | 485.3 | 489.2 | 495.2 | 502.1 | 506.1 | 510.1 | 520.0 | 529.9 | 537.9 | 547.8 |
| 165°   | 494.2 | 493.2 | 495.2 | 501.1 | 506.1 | 509.1 | 512.1 | 521.0 | 527.9 | 533.9 | 540.8 |
| 167.5° | 501.1 | 500.2 | 502.1 | 506.1 | 510.1 | 512.1 | 514.1 | 521.0 | 527.0 | 529.9 | 534.9 |
| 170°   | 508.1 | 506.1 | 507.1 | 510.1 | 512.1 | 513.6 | 515.0 | 520.0 | 525.0 | 527.0 | 529.9 |
| 172.5° | 512.1 | 511.1 | 510.1 | 513.1 | 514.1 | 515.0 | 516.0 | 519.0 | 522.0 | 523.0 | 524.0 |
| 175°   | 515.0 | 514.1 | 513.1 | 515.0 | 515.0 | 515.5 | 516.0 | 518.0 | 520.0 | 519.0 | 520.0 |
| 177.5° | 517.0 | 515.0 | 514.1 | 516.0 | 516.0 | 516.0 | 516.0 | 517.0 | 519.0 | 517.0 | 516.0 |
| 180°   | 516.0 | 516.0 | 516.0 | 516.0 | 516.0 | 516.0 | 516.0 | 516.0 | 516.0 | 516.0 | 516.0 |

TEST NUMBER: P1008963

CATALOG NUMBER: S122DIP-B290D925UB35-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 50°    | 55°    | 60°    | 65°    | 67.5°  | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 577.9  | 577.9  | 577.9  | 577.9  | 577.9  | 577.9  | 577.9  | 577.9  | 577.9  | 577.9  | 577.9  |
| 2.5°   | 600.5  | 601.0  | 601.9  | 606.3  | 608.5  | 609.0  | 607.2  | 611.2  | 612.5  | 611.2  | 610.3  |
| 5°     | 629.0  | 631.6  | 637.0  | 642.7  | 642.3  | 642.7  | 645.4  | 648.1  | 649.0  | 645.4  | 646.7  |
| 7.5°   | 653.8  | 659.2  | 665.0  | 673.8  | 673.8  | 678.3  | 680.1  | 682.3  | 687.6  | 684.9  | 684.1  |
| 10°    | 682.3  | 689.4  | 700.0  | 714.3  | 714.7  | 719.1  | 723.6  | 730.7  | 732.9  | 731.1  | 732.0  |
| 12.5°  | 717.8  | 731.6  | 732.5  | 748.0  | 755.1  | 756.0  | 763.1  | 761.8  | 766.2  | 766.2  | 773.8  |
| 15°    | 733.4  | 754.7  | 766.7  | 781.8  | 786.2  | 780.9  | 786.7  | 792.9  | 793.3  | 793.3  | 792.9  |
| 17.5°  | 761.3  | 769.8  | 781.8  | 789.8  | 791.5  | 791.5  | 792.0  | 794.7  | 792.9  | 789.3  | 792.0  |
| 20°    | 767.1  | 770.7  | 775.1  | 774.2  | 775.1  | 770.7  | 766.2  | 761.8  | 762.2  | 760.0  | 766.7  |
| 22.5°  | 756.5  | 755.6  | 745.3  | 738.7  | 738.7  | 729.8  | 721.4  | 717.4  | 713.4  | 714.7  | 716.9  |
| 25°    | 729.8  | 716.0  | 703.6  | 693.8  | 691.6  | 677.4  | 665.8  | 662.3  | 655.6  | 661.0  | 661.8  |
| 27.5°  | 687.2  | 671.6  | 651.6  | 643.2  | 631.6  | 625.9  | 617.9  | 607.2  | 593.4  | 601.4  | 600.1  |
| 30°    | 641.4  | 618.3  | 601.9  | 581.4  | 563.2  | 561.9  | 546.8  | 529.0  | 521.9  | 521.9  | 525.9  |
| 32.5°  | 590.3  | 559.7  | 535.7  | 506.8  | 489.1  | 481.5  | 463.3  | 445.5  | 449.5  | 436.2  | 441.1  |
| 35°    | 530.8  | 490.4  | 460.2  | 432.2  | 418.9  | 410.0  | 386.4  | 376.7  | 366.0  | 359.8  | 371.3  |
| 37.5°  | 473.9  | 427.3  | 388.7  | 358.0  | 353.1  | 337.1  | 321.1  | 314.9  | 308.7  | 311.4  | 310.9  |
| 40°    | 404.7  | 363.3  | 328.7  | 304.7  | 296.3  | 288.7  | 278.1  | 270.5  | 266.5  | 268.7  | 269.2  |
| 42.5°  | 342.0  | 307.4  | 281.6  | 264.7  | 257.6  | 252.3  | 247.0  | 240.8  | 239.4  | 239.4  | 241.2  |
| 45°    | 293.6  | 265.2  | 247.9  | 234.1  | 230.1  | 226.1  | 222.1  | 219.4  | 218.5  | 216.8  | 218.1  |
| 47.5°  | 255.0  | 232.3  | 221.7  | 211.4  | 207.0  | 206.1  | 202.6  | 201.2  | 199.4  | 199.0  | 199.4  |
| 50°    | 222.5  | 208.3  | 198.6  | 192.8  | 189.7  | 188.3  | 186.6  | 183.9  | 183.0  | 185.2  | 184.3  |
| 52.5°  | 199.9  | 186.6  | 181.2  | 175.5  | 173.7  | 171.9  | 169.2  | 169.7  | 169.2  | 168.3  | 168.3  |
| 55°    | 177.2  | 168.8  | 163.5  | 159.0  | 158.6  | 156.8  | 154.6  | 153.7  | 153.2  | 152.4  | 153.7  |
| 57.5°  | 159.0  | 152.4  | 147.5  | 143.5  | 141.7  | 141.7  | 139.5  | 137.7  | 137.7  | 137.3  | 137.7  |
| 60°    | 140.8  | 134.1  | 131.0  | 127.0  | 125.7  | 125.3  | 123.9  | 123.0  | 121.7  | 121.7  | 121.7  |
| 62.5°  | 123.9  | 118.6  | 115.0  | 111.5  | 111.9  | 109.7  | 107.9  | 107.0  | 107.0  | 107.5  | 107.5  |
| 65°    | 107.9  | 104.4  | 99.9   | 96.8   | 95.9   | 95.5   | 94.6   | 94.2   | 92.8   | 93.7   | 93.7   |
| 67.5°  | 93.3   | 88.4   | 85.7   | 84.4   | 83.1   | 82.6   | 81.7   | 80.8   | 80.4   | 80.0   | 80.8   |
| 70°    | 78.6   | 74.6   | 72.4   | 71.5   | 70.2   | 69.7   | 69.3   | 68.0   | 68.4   | 68.8   | 69.3   |
| 72.5°  | 65.3   | 61.7   | 61.3   | 58.6   | 58.6   | 58.6   | 56.9   | 57.7   | 57.3   | 56.4   | 57.3   |
| 75°    | 51.5   | 49.7   | 48.9   | 47.5   | 48.0   | 47.5   | 47.1   | 45.8   | 45.8   | 46.2   | 46.6   |
| 77.5°  | 40.9   | 39.1   | 38.6   | 37.3   | 36.4   | 37.3   | 36.4   | 36.0   | 36.0   | 36.4   | 36.4   |
| 80°    | 30.2   | 29.3   | 28.0   | 28.0   | 28.0   | 27.5   | 27.5   | 27.5   | 27.1   | 26.7   | 27.1   |
| 82.5°  | 20.0   | 20.0   | 19.5   | 19.1   | 19.5   | 18.7   | 19.1   | 19.1   | 19.1   | 19.1   | 19.1   |
| 85°    | 12.9   | 12.4   | 12.4   | 12.0   | 12.0   | 12.0   | 12.4   | 11.5   | 11.5   | 12.0   | 12.0   |
| 87.5°  | 5.8    | 5.8    | 5.8    | 6.2    | 5.8    | 5.8    | 5.8    | 6.2    | 5.8    | 5.8    | 5.8    |
| 90°    | 32.7   | 31.8   | 29.8   | 31.8   | 32.2   | 32.7   | 32.7   | 32.7   | 32.7   | 32.7   | 32.7   |
| 92.5°  | 128.0  | 100.2  | 85.3   | 74.4   | 70.4   | 66.5   | 65.5   | 61.5   | 62.5   | 60.5   | 62.5   |
| 95°    | 340.4  | 260.0  | 199.5  | 157.8  | 146.9  | 136.0  | 123.1  | 115.1  | 112.1  | 113.1  | 112.1  |
| 97.5°  | 639.1  | 531.9  | 424.7  | 324.5  | 294.8  | 265.0  | 226.3  | 206.4  | 195.5  | 189.5  | 195.5  |
| 100°   | 926.9  | 906.0  | 783.0  | 647.0  | 587.0  | 527.0  | 444.6  | 401.9  | 373.1  | 355.3  | 373.1  |
| 102.5° | 1034.1 | 1151.2 | 1147.2 | 1056.9 | 992.4  | 927.9  | 836.6  | 756.2  | 718.5  | 692.7  | 718.5  |
| 105°   | 999.3  | 1205.7 | 1317.9 | 1330.8 | 1314.4 | 1298.0 | 1236.5 | 1175.0 | 1132.3 | 1118.4 | 1132.3 |
| 107.5° | 925.9  | 1147.2 | 1313.9 | 1411.2 | 1431.1 | 1450.9 | 1449.9 | 1440.9 | 1428.0 | 1405.2 | 1428.0 |
| 110°   | 857.4  | 1066.8 | 1244.4 | 1371.5 | 1412.2 | 1452.8 | 1495.5 | 1514.4 | 1523.3 | 1522.3 | 1523.3 |



TEST NUMBER: P1008963

CATALOG NUMBER: S122DIP-B290D925UB35-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 50°   | 55°   | 60°    | 65°    | 67.5°  | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    |
|--------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 809.8 | 993.4 | 1162.1 | 1300.0 | 1348.2 | 1396.3 | 1459.8 | 1494.5 | 1513.4 | 1520.3 | 1513.4 |
| 115°   | 772.1 | 935.8 | 1088.6 | 1218.6 | 1269.8 | 1320.9 | 1391.3 | 1437.0 | 1462.8 | 1471.7 | 1462.8 |
| 117.5° | 746.3 | 888.2 | 1025.1 | 1146.2 | 1194.8 | 1243.4 | 1315.9 | 1364.5 | 1391.3 | 1398.3 | 1391.3 |
| 120°   | 726.4 | 854.4 | 977.5  | 1082.7 | 1127.8 | 1173.0 | 1242.5 | 1289.1 | 1317.9 | 1327.8 | 1317.9 |
| 122.5° | 709.5 | 827.6 | 937.8  | 1036.0 | 1075.7 | 1115.4 | 1176.0 | 1221.6 | 1246.4 | 1254.4 | 1246.4 |
| 125°   | 693.7 | 801.8 | 904.1  | 991.4  | 1028.6 | 1065.8 | 1123.4 | 1161.1 | 1185.9 | 1193.8 | 1185.9 |
| 127.5° | 678.8 | 776.0 | 870.3  | 953.7  | 988.4  | 1023.1 | 1073.8 | 1109.5 | 1131.3 | 1137.3 | 1131.3 |
| 130°   | 663.9 | 751.2 | 836.6  | 915.0  | 947.8  | 980.5  | 1029.1 | 1062.8 | 1082.7 | 1090.6 | 1082.7 |
| 132.5° | 652.0 | 727.4 | 804.8  | 875.3  | 905.6  | 935.8  | 983.4  | 1017.2 | 1035.0 | 1042.0 | 1035.0 |
| 135°   | 641.1 | 705.6 | 771.1  | 836.6  | 864.4  | 892.1  | 934.8  | 967.6  | 985.4  | 989.4  | 985.4  |
| 137.5° | 633.1 | 687.7 | 744.3  | 797.9  | 822.7  | 847.5  | 888.2  | 917.0  | 932.8  | 938.8  | 932.8  |
| 140°   | 626.2 | 670.8 | 718.5  | 764.1  | 786.0  | 807.8  | 839.5  | 865.4  | 880.2  | 886.2  | 880.2  |
| 142.5° | 619.2 | 657.0 | 695.7  | 733.4  | 750.8  | 768.1  | 797.9  | 820.7  | 833.6  | 833.6  | 833.6  |
| 145°   | 613.3 | 644.1 | 676.8  | 707.6  | 722.0  | 736.3  | 760.2  | 777.0  | 787.0  | 789.9  | 787.0  |
| 147.5° | 607.3 | 634.1 | 660.9  | 685.7  | 696.7  | 707.6  | 728.4  | 742.3  | 749.2  | 751.2  | 749.2  |
| 150°   | 599.4 | 623.2 | 645.0  | 665.9  | 674.8  | 683.7  | 698.6  | 710.5  | 716.5  | 717.5  | 716.5  |
| 152.5° | 592.4 | 612.3 | 632.1  | 649.0  | 656.4  | 663.9  | 674.8  | 684.7  | 688.7  | 688.7  | 688.7  |
| 155°   | 583.5 | 602.4 | 618.2  | 633.1  | 638.6  | 644.1  | 655.0  | 661.9  | 665.9  | 663.9  | 665.9  |
| 157.5° | 575.6 | 590.5 | 604.4  | 617.3  | 621.8  | 626.2  | 634.1  | 640.1  | 642.1  | 642.1  | 642.1  |
| 160°   | 566.6 | 579.5 | 590.5  | 601.4  | 604.8  | 608.3  | 615.3  | 620.2  | 621.2  | 621.2  | 621.2  |
| 162.5° | 558.7 | 568.6 | 577.6  | 586.5  | 589.0  | 591.5  | 598.4  | 601.4  | 602.4  | 601.4  | 602.4  |
| 165°   | 549.8 | 557.7 | 564.7  | 571.6  | 573.6  | 575.6  | 579.5  | 583.5  | 583.5  | 582.5  | 583.5  |
| 167.5° | 540.8 | 546.8 | 552.8  | 557.7  | 559.7  | 561.7  | 563.7  | 565.7  | 565.7  | 564.7  | 565.7  |
| 170°   | 533.9 | 538.9 | 541.8  | 545.8  | 546.8  | 547.8  | 548.8  | 551.8  | 550.8  | 548.8  | 550.8  |
| 172.5° | 527.0 | 529.9 | 531.9  | 534.9  | 535.4  | 535.9  | 536.9  | 537.9  | 536.9  | 535.9  | 536.9  |
| 175°   | 521.0 | 524.0 | 525.0  | 526.0  | 526.5  | 527.0  | 527.0  | 527.9  | 527.0  | 525.0  | 527.0  |
| 177.5° | 517.0 | 519.0 | 519.0  | 520.0  | 520.0  | 520.0  | 520.0  | 520.0  | 519.0  | 517.0  | 519.0  |
| 180°   | 516.0 | 516.0 | 516.0  | 516.0  | 516.0  | 516.0  | 516.0  | 516.0  | 516.0  | 516.0  | 516.0  |

TEST NUMBER: P1008963

CATALOG NUMBER: S122DIP-B290D925UB35-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 100°   | 105°   | 110°   | 112.5° | 115°   | 120°   | 125°   | 130°   | 135°  | 140°  | 145°  |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|
| 0°     | 577.9  | 577.9  | 577.9  | 577.9  | 577.9  | 577.9  | 577.9  | 577.9  | 577.9 | 577.9 | 577.9 |
| 2.5°   | 612.5  | 609.4  | 606.8  | 607.2  | 609.4  | 607.7  | 603.2  | 597.4  | 595.2 | 592.5 | 595.2 |
| 5°     | 649.4  | 646.7  | 641.4  | 641.9  | 640.5  | 638.7  | 631.6  | 622.8  | 622.8 | 615.6 | 614.8 |
| 7.5°   | 685.8  | 681.8  | 678.3  | 677.4  | 672.5  | 668.9  | 662.7  | 650.3  | 645.4 | 637.0 | 632.1 |
| 10°    | 726.7  | 723.6  | 719.6  | 714.7  | 712.0  | 705.8  | 695.6  | 677.4  | 668.5 | 657.0 | 648.5 |
| 12.5°  | 768.0  | 767.6  | 758.7  | 748.9  | 748.5  | 738.7  | 731.6  | 707.1  | 695.2 | 679.6 | 659.6 |
| 15°    | 794.2  | 792.0  | 787.1  | 782.2  | 783.5  | 772.9  | 756.9  | 728.0  | 720.0 | 701.4 | 680.1 |
| 17.5°  | 793.8  | 793.8  | 792.4  | 791.5  | 790.2  | 787.1  | 778.2  | 759.1  | 746.2 | 722.7 | 702.7 |
| 20°    | 768.4  | 774.2  | 775.6  | 775.1  | 779.6  | 781.8  | 781.3  | 769.3  | 759.1 | 738.2 | 717.8 |
| 22.5°  | 717.8  | 731.1  | 736.9  | 740.5  | 749.8  | 754.7  | 766.2  | 761.8  | 759.1 | 743.6 | 726.2 |
| 25°    | 670.7  | 675.2  | 692.5  | 693.4  | 706.3  | 718.3  | 729.8  | 737.4  | 747.1 | 741.4 | 726.7 |
| 27.5°  | 609.9  | 620.1  | 632.5  | 641.9  | 644.5  | 668.9  | 688.0  | 702.3  | 724.5 | 726.2 | 721.4 |
| 30°    | 541.0  | 545.9  | 566.3  | 578.8  | 593.0  | 610.8  | 638.3  | 662.7  | 682.7 | 700.9 | 707.1 |
| 32.5°  | 457.1  | 477.1  | 489.1  | 504.2  | 516.6  | 548.1  | 581.9  | 613.4  | 636.5 | 667.2 | 680.5 |
| 35°    | 380.2  | 395.8  | 416.2  | 422.4  | 445.1  | 471.7  | 515.7  | 556.1  | 591.2 | 622.3 | 649.4 |
| 37.5°  | 316.7  | 329.1  | 350.9  | 360.7  | 374.0  | 408.2  | 445.1  | 495.3  | 537.5 | 575.7 | 609.4 |
| 40°    | 273.2  | 282.5  | 298.9  | 302.0  | 313.2  | 344.2  | 374.0  | 421.1  | 477.1 | 528.6 | 565.5 |
| 42.5°  | 243.4  | 247.9  | 259.0  | 263.0  | 270.1  | 290.9  | 317.6  | 362.0  | 414.0 | 467.3 | 519.3 |
| 45°    | 222.1  | 225.2  | 231.9  | 235.4  | 244.3  | 253.6  | 275.4  | 310.9  | 351.8 | 405.5 | 461.5 |
| 47.5°  | 203.0  | 207.0  | 209.7  | 211.9  | 216.8  | 227.0  | 241.2  | 267.4  | 306.5 | 355.8 | 410.0 |
| 50°    | 187.0  | 188.3  | 193.2  | 193.7  | 196.8  | 203.4  | 216.8  | 232.8  | 263.8 | 303.8 | 356.2 |
| 52.5°  | 171.0  | 172.3  | 175.5  | 178.6  | 179.9  | 185.2  | 194.1  | 207.4  | 230.5 | 262.1 | 308.7 |
| 55°    | 155.0  | 156.8  | 159.9  | 162.1  | 163.5  | 167.9  | 173.2  | 186.1  | 204.3 | 226.5 | 264.7 |
| 57.5°  | 139.0  | 143.0  | 143.9  | 145.2  | 147.5  | 152.4  | 157.2  | 164.8  | 179.0 | 199.4 | 227.4 |
| 60°    | 123.9  | 125.3  | 128.4  | 129.7  | 131.9  | 134.6  | 140.8  | 146.6  | 156.8 | 172.8 | 198.1 |
| 62.5°  | 108.4  | 111.5  | 112.8  | 114.2  | 115.9  | 119.0  | 123.0  | 129.3  | 138.1 | 151.0 | 171.0 |
| 65°    | 95.1   | 95.5   | 98.2   | 99.9   | 101.7  | 103.9  | 107.9  | 113.7  | 119.0 | 131.0 | 145.7 |
| 67.5°  | 82.2   | 83.1   | 84.0   | 85.7   | 87.9   | 90.2   | 93.7   | 96.8   | 103.5 | 111.5 | 123.0 |
| 70°    | 69.7   | 69.7   | 72.0   | 73.3   | 72.8   | 75.5   | 78.2   | 81.7   | 86.6  | 94.2  | 103.5 |
| 72.5°  | 58.6   | 58.2   | 60.0   | 60.4   | 61.3   | 63.1   | 64.9   | 68.4   | 71.1  | 76.8  | 84.0  |
| 75°    | 46.6   | 47.5   | 48.4   | 48.4   | 49.7   | 51.1   | 52.9   | 54.6   | 57.7  | 61.3  | 66.6  |
| 77.5°  | 36.9   | 36.9   | 37.8   | 38.2   | 39.5   | 39.1   | 40.9   | 42.6   | 44.9  | 48.0  | 52.0  |
| 80°    | 27.1   | 28.0   | 28.0   | 28.0   | 28.4   | 28.9   | 30.6   | 32.0   | 33.3  | 35.5  | 37.3  |
| 82.5°  | 19.1   | 19.1   | 20.0   | 20.0   | 20.0   | 20.9   | 20.9   | 21.3   | 22.2  | 23.5  | 24.9  |
| 85°    | 12.0   | 12.0   | 12.0   | 12.4   | 12.0   | 12.4   | 13.3   | 12.9   | 13.3  | 14.2  | 14.2  |
| 87.5°  | 5.8    | 5.8    | 5.8    | 5.8    | 5.8    | 6.2    | 5.8    | 6.2    | 6.7   | 6.7   | 6.7   |
| 90°    | 32.7   | 32.7   | 32.7   | 32.2   | 31.8   | 29.8   | 31.8   | 32.7   | 33.7  | 32.7  | 26.8  |
| 92.5°  | 61.5   | 65.5   | 66.5   | 70.4   | 74.4   | 85.3   | 100.2  | 128.0  | 152.8 | 150.8 | 117.1 |
| 95°    | 115.1  | 123.1  | 136.0  | 146.9  | 157.8  | 199.5  | 260.0  | 340.4  | 389.0 | 344.4 | 229.2 |
| 97.5°  | 206.4  | 226.3  | 265.0  | 294.8  | 324.5  | 424.7  | 531.9  | 639.1  | 634.1 | 490.2 | 304.7 |
| 100°   | 401.9  | 444.6  | 527.0  | 587.0  | 647.0  | 783.0  | 906.0  | 926.9  | 784.0 | 539.9 | 325.5 |
| 102.5° | 756.2  | 836.6  | 927.9  | 992.4  | 1056.9 | 1147.2 | 1151.2 | 1034.1 | 788.9 | 521.0 | 326.5 |
| 105°   | 1175.0 | 1236.5 | 1298.0 | 1314.4 | 1330.8 | 1317.9 | 1205.7 | 999.3  | 735.4 | 495.2 | 331.5 |
| 107.5° | 1440.9 | 1449.9 | 1450.9 | 1431.1 | 1411.2 | 1313.9 | 1147.2 | 925.9  | 685.7 | 481.3 | 342.4 |
| 110°   | 1514.4 | 1495.5 | 1452.8 | 1412.2 | 1371.5 | 1244.4 | 1066.8 | 857.4  | 652.0 | 477.3 | 356.3 |

TEST NUMBER: P1008963

CATALOG NUMBER: S122DIP-B290D925UB35-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 100°   | 105°   | 110°   | 112.5° | 115°   | 120°   | 125°  | 130°  | 135°  | 140°  | 145°  |
|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|
| 112.5° | 1494.5 | 1459.8 | 1396.3 | 1348.2 | 1300.0 | 1162.1 | 993.4 | 809.8 | 630.2 | 478.3 | 371.1 |
| 115°   | 1437.0 | 1391.3 | 1320.9 | 1269.8 | 1218.6 | 1088.6 | 935.8 | 772.1 | 615.3 | 482.3 | 386.0 |
| 117.5° | 1364.5 | 1315.9 | 1243.4 | 1194.8 | 1146.2 | 1025.1 | 888.2 | 746.3 | 607.3 | 488.2 | 401.9 |
| 120°   | 1289.1 | 1242.5 | 1173.0 | 1127.8 | 1082.7 | 977.5  | 854.4 | 726.4 | 600.4 | 494.2 | 417.8 |
| 122.5° | 1221.6 | 1176.0 | 1115.4 | 1075.7 | 1036.0 | 937.8  | 827.6 | 709.5 | 596.4 | 501.1 | 431.7 |
| 125°   | 1161.1 | 1123.4 | 1065.8 | 1028.6 | 991.4  | 904.1  | 801.8 | 693.7 | 591.5 | 508.1 | 446.6 |
| 127.5° | 1109.5 | 1073.8 | 1023.1 | 988.4  | 953.7  | 870.3  | 776.0 | 678.8 | 588.5 | 515.0 | 460.5 |
| 130°   | 1062.8 | 1029.1 | 980.5  | 947.8  | 915.0  | 836.6  | 751.2 | 663.9 | 586.5 | 523.0 | 473.4 |
| 132.5° | 1017.2 | 983.4  | 935.8  | 905.6  | 875.3  | 804.8  | 727.4 | 652.0 | 585.5 | 530.9 | 486.3 |
| 135°   | 967.6  | 934.8  | 892.1  | 864.4  | 836.6  | 771.1  | 705.6 | 641.1 | 584.5 | 536.9 | 497.2 |
| 137.5° | 917.0  | 888.2  | 847.5  | 822.7  | 797.9  | 744.3  | 687.7 | 633.1 | 584.5 | 542.8 | 506.1 |
| 140°   | 865.4  | 839.5  | 807.8  | 786.0  | 764.1  | 718.5  | 670.8 | 626.2 | 583.5 | 546.8 | 513.1 |
| 142.5° | 820.7  | 797.9  | 768.1  | 750.8  | 733.4  | 695.7  | 657.0 | 619.2 | 583.5 | 549.8 | 519.0 |
| 145°   | 777.0  | 760.2  | 736.3  | 722.0  | 707.6  | 676.8  | 644.1 | 613.3 | 581.5 | 551.8 | 524.0 |
| 147.5° | 742.3  | 728.4  | 707.6  | 696.7  | 685.7  | 660.9  | 634.1 | 607.3 | 578.6 | 552.8 | 527.0 |
| 150°   | 710.5  | 698.6  | 683.7  | 674.8  | 665.9  | 645.0  | 623.2 | 599.4 | 575.6 | 551.8 | 528.9 |
| 152.5° | 684.7  | 674.8  | 663.9  | 656.4  | 649.0  | 632.1  | 612.3 | 592.4 | 570.6 | 549.8 | 529.9 |
| 155°   | 661.9  | 655.0  | 644.1  | 638.6  | 633.1  | 618.2  | 602.4 | 583.5 | 564.7 | 547.8 | 530.9 |
| 157.5° | 640.1  | 634.1  | 626.2  | 621.8  | 617.3  | 604.4  | 590.5 | 575.6 | 558.7 | 543.8 | 530.9 |
| 160°   | 620.2  | 615.3  | 608.3  | 604.8  | 601.4  | 590.5  | 579.5 | 566.6 | 552.8 | 540.8 | 530.9 |
| 162.5° | 601.4  | 598.4  | 591.5  | 589.0  | 586.5  | 577.6  | 568.6 | 558.7 | 547.8 | 537.9 | 529.9 |
| 165°   | 583.5  | 579.5  | 575.6  | 573.6  | 571.6  | 564.7  | 557.7 | 549.8 | 540.8 | 533.9 | 527.9 |
| 167.5° | 565.7  | 563.7  | 561.7  | 559.7  | 557.7  | 552.8  | 546.8 | 540.8 | 534.9 | 529.9 | 527.0 |
| 170°   | 551.8  | 548.8  | 547.8  | 546.8  | 545.8  | 541.8  | 538.9 | 533.9 | 529.9 | 527.0 | 525.0 |
| 172.5° | 537.9  | 536.9  | 535.9  | 535.4  | 534.9  | 531.9  | 529.9 | 527.0 | 524.0 | 523.0 | 522.0 |
| 175°   | 527.9  | 527.0  | 527.0  | 526.5  | 526.0  | 525.0  | 524.0 | 521.0 | 520.0 | 519.0 | 520.0 |
| 177.5° | 520.0  | 520.0  | 520.0  | 520.0  | 520.0  | 519.0  | 519.0 | 517.0 | 516.0 | 517.0 | 519.0 |
| 180°   | 516.0  | 516.0  | 516.0  | 516.0  | 516.0  | 516.0  | 516.0 | 516.0 | 516.0 | 516.0 | 516.0 |

TEST NUMBER: P1008963

CATALOG NUMBER: S122DIP-B290D925UB35-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 150°  | 155°  | 157.5° | 160°  | 165°  | 170°  | 175°  | 180°  | 185°  | 190°  | 195°  |
|--------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 577.9 | 577.9 | 577.9  | 577.9 | 577.9 | 577.9 | 577.9 | 577.9 | 577.9 | 577.9 | 577.9 |
| 2.5°   | 593.0 | 590.8 | 589.4  | 590.3 | 587.7 | 581.0 | 581.0 | 583.2 | 580.6 | 577.9 | 573.9 |
| 5°     | 609.4 | 605.0 | 602.3  | 601.9 | 595.7 | 585.0 | 582.8 | 580.6 | 574.8 | 568.6 | 561.9 |
| 7.5°   | 625.4 | 617.4 | 613.0  | 609.9 | 601.0 | 587.2 | 581.4 | 576.6 | 567.2 | 557.9 | 549.5 |
| 10°    | 638.7 | 627.2 | 621.9  | 617.0 | 605.4 | 588.1 | 578.8 | 569.9 | 557.9 | 545.9 | 535.2 |
| 12.5°  | 649.4 | 636.1 | 629.4  | 622.3 | 608.1 | 585.4 | 573.9 | 559.7 | 547.7 | 531.7 | 521.0 |
| 15°    | 667.2 | 639.6 | 633.4  | 626.8 | 612.1 | 581.0 | 566.8 | 550.8 | 534.4 | 513.0 | 501.5 |
| 17.5°  | 681.4 | 644.5 | 644.1  | 629.9 | 610.8 | 579.2 | 557.5 | 536.6 | 518.8 | 497.5 | 479.3 |
| 20°    | 689.8 | 652.1 | 645.0  | 630.3 | 606.3 | 567.2 | 544.6 | 521.5 | 502.4 | 476.6 | 458.4 |
| 22.5°  | 696.9 | 662.7 | 644.1  | 626.3 | 597.0 | 563.2 | 529.9 | 508.2 | 481.9 | 454.0 | 436.6 |
| 25°    | 699.6 | 665.0 | 645.4  | 625.0 | 590.3 | 551.7 | 513.9 | 490.4 | 461.1 | 435.7 | 412.2 |
| 27.5°  | 700.0 | 664.5 | 640.5  | 619.2 | 581.0 | 536.6 | 497.9 | 473.1 | 440.6 | 411.3 | 387.8 |
| 30°    | 695.6 | 659.6 | 637.9  | 614.8 | 572.1 | 522.8 | 478.4 | 450.9 | 416.2 | 386.9 | 362.5 |
| 32.5°  | 682.3 | 649.8 | 632.1  | 606.8 | 560.6 | 503.7 | 459.7 | 429.1 | 392.7 | 363.8 | 340.2 |
| 35°    | 660.1 | 637.9 | 618.3  | 594.8 | 545.5 | 485.9 | 441.1 | 405.1 | 368.2 | 340.7 | 318.5 |
| 37.5°  | 632.5 | 620.5 | 602.3  | 579.2 | 528.1 | 470.0 | 420.2 | 380.2 | 343.4 | 316.7 | 294.9 |
| 40°    | 595.2 | 598.3 | 580.6  | 559.7 | 507.7 | 448.2 | 393.1 | 354.9 | 320.3 | 295.4 | 274.1 |
| 42.5°  | 554.8 | 567.7 | 557.5  | 537.5 | 485.1 | 424.2 | 373.1 | 330.9 | 297.2 | 271.4 | 253.6 |
| 45°    | 511.3 | 533.5 | 527.3  | 512.6 | 461.5 | 398.9 | 344.7 | 303.8 | 274.1 | 249.2 | 233.6 |
| 47.5°  | 463.7 | 495.3 | 495.3  | 484.6 | 435.3 | 373.6 | 320.3 | 278.5 | 249.2 | 231.4 | 216.3 |
| 50°    | 415.3 | 450.9 | 456.6  | 449.5 | 406.0 | 344.7 | 290.5 | 252.7 | 227.4 | 210.1 | 199.0 |
| 52.5°  | 364.7 | 406.0 | 416.6  | 413.1 | 374.9 | 317.2 | 266.1 | 229.2 | 206.1 | 191.0 | 181.2 |
| 55°    | 316.3 | 364.2 | 375.8  | 377.1 | 341.6 | 286.9 | 239.0 | 206.5 | 184.3 | 174.1 | 165.7 |
| 57.5°  | 270.5 | 316.7 | 329.6  | 331.8 | 307.8 | 259.4 | 213.7 | 185.2 | 165.2 | 156.8 | 150.1 |
| 60°    | 231.4 | 270.1 | 286.9  | 291.8 | 271.0 | 227.4 | 190.1 | 162.6 | 147.5 | 139.5 | 133.3 |
| 62.5°  | 199.4 | 230.5 | 248.3  | 249.6 | 240.3 | 199.4 | 165.7 | 142.6 | 129.7 | 122.6 | 119.5 |
| 65°    | 168.3 | 196.3 | 207.0  | 212.3 | 204.8 | 172.8 | 143.0 | 123.9 | 113.7 | 107.5 | 104.4 |
| 67.5°  | 143.5 | 161.2 | 170.1  | 177.2 | 169.7 | 145.7 | 121.7 | 106.2 | 98.6  | 92.4  | 90.6  |
| 70°    | 117.7 | 132.4 | 139.0  | 146.1 | 139.5 | 121.3 | 103.9 | 89.7  | 83.1  | 78.2  | 76.0  |
| 72.5°  | 94.2  | 105.7 | 111.9  | 116.4 | 112.4 | 97.3  | 83.1  | 73.3  | 68.4  | 64.9  | 63.5  |
| 75°    | 74.6  | 82.6  | 86.2   | 89.3  | 87.5  | 76.0  | 67.1  | 59.1  | 54.6  | 51.5  | 50.6  |
| 77.5°  | 56.9  | 62.6  | 66.6   | 67.5  | 65.3  | 57.7  | 50.2  | 45.3  | 41.8  | 40.0  | 39.1  |
| 80°    | 40.4  | 44.0  | 46.2   | 47.5  | 45.3  | 42.2  | 36.9  | 33.3  | 30.2  | 28.0  | 27.5  |
| 82.5°  | 27.1  | 28.9  | 30.6   | 30.2  | 29.3  | 26.7  | 23.5  | 21.8  | 20.4  | 18.7  | 18.7  |
| 85°    | 15.5  | 16.0  | 16.9   | 17.3  | 16.9  | 15.1  | 13.3  | 12.4  | 11.5  | 10.2  | 10.2  |
| 87.5°  | 6.7   | 7.1   | 7.1    | 7.6   | 6.7   | 6.7   | 5.8   | 4.9   | 4.9   | 4.4   | 4.0   |
| 90°    | 19.8  | 14.9  | 13.4   | 11.9  | 9.9   | 7.9   | 4.0   | 1.0   | 4.0   | 7.9   | 9.9   |
| 92.5°  | 79.4  | 52.6  | 47.2   | 41.7  | 33.7  | 28.8  | 20.8  | 14.9  | 20.8  | 28.8  | 33.7  |
| 95°    | 142.9 | 97.3  | 85.4   | 73.4  | 57.6  | 48.6  | 38.7  | 34.7  | 38.7  | 48.6  | 57.6  |
| 97.5°  | 184.6 | 126.0 | 112.6  | 99.2  | 81.4  | 68.5  | 57.6  | 51.6  | 57.6  | 68.5  | 81.4  |
| 100°   | 204.4 | 151.8 | 137.9  | 124.0 | 104.2 | 88.3  | 79.4  | 76.4  | 79.4  | 88.3  | 104.2 |
| 102.5° | 222.3 | 174.7 | 160.8  | 146.9 | 126.0 | 110.2 | 101.2 | 99.2  | 101.2 | 110.2 | 126.0 |
| 105°   | 243.1 | 196.5 | 182.6  | 168.7 | 146.9 | 132.0 | 125.0 | 121.1 | 125.0 | 132.0 | 146.9 |
| 107.5° | 264.0 | 218.3 | 204.4  | 190.5 | 168.7 | 154.8 | 147.9 | 144.9 | 147.9 | 154.8 | 168.7 |
| 110°   | 284.8 | 241.1 | 226.8  | 212.4 | 191.5 | 178.6 | 172.7 | 168.7 | 172.7 | 178.6 | 191.5 |

TEST NUMBER: P1008963

CATALOG NUMBER: S122DIP-B290D925UB35-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 150°  | 155°  | 157.5° | 160°  | 165°  | 170°  | 175°  | 180°  | 185°  | 190°  | 195°  |
|--------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 304.7 | 263.0 | 248.1  | 233.2 | 213.4 | 201.5 | 194.5 | 190.5 | 194.5 | 201.5 | 213.4 |
| 115°   | 325.5 | 282.8 | 269.4  | 256.0 | 236.2 | 224.3 | 218.3 | 213.4 | 218.3 | 224.3 | 236.2 |
| 117.5° | 344.4 | 304.7 | 290.8  | 276.9 | 258.0 | 247.1 | 241.1 | 237.2 | 241.1 | 247.1 | 258.0 |
| 120°   | 364.2 | 325.5 | 311.6  | 297.7 | 277.9 | 268.9 | 263.0 | 259.0 | 263.0 | 268.9 | 277.9 |
| 122.5° | 383.1 | 347.3 | 333.0  | 318.6 | 298.7 | 288.8 | 282.8 | 279.8 | 282.8 | 288.8 | 298.7 |
| 125°   | 401.9 | 366.2 | 352.3  | 338.4 | 318.6 | 306.6 | 300.7 | 297.7 | 300.7 | 306.6 | 318.6 |
| 127.5° | 419.8 | 385.0 | 370.6  | 356.3 | 337.4 | 324.5 | 316.6 | 312.6 | 316.6 | 324.5 | 337.4 |
| 130°   | 435.7 | 400.9 | 387.0  | 373.1 | 353.3 | 339.4 | 329.5 | 325.5 | 329.5 | 339.4 | 353.3 |
| 132.5° | 449.5 | 416.8 | 402.9  | 389.0 | 368.2 | 353.3 | 342.4 | 337.4 | 342.4 | 353.3 | 368.2 |
| 135°   | 462.4 | 430.7 | 416.8  | 402.9 | 380.1 | 365.2 | 353.3 | 349.3 | 353.3 | 365.2 | 380.1 |
| 137.5° | 473.4 | 441.6 | 428.7  | 415.8 | 393.0 | 377.1 | 365.2 | 360.2 | 365.2 | 377.1 | 393.0 |
| 140°   | 482.3 | 452.5 | 439.6  | 426.7 | 404.9 | 389.0 | 377.1 | 373.1 | 377.1 | 389.0 | 404.9 |
| 142.5° | 489.2 | 460.5 | 448.6  | 436.6 | 415.8 | 399.9 | 389.0 | 386.0 | 389.0 | 399.9 | 415.8 |
| 145°   | 496.2 | 469.4 | 458.5  | 447.6 | 427.7 | 412.8 | 402.9 | 398.9 | 402.9 | 412.8 | 427.7 |
| 147.5° | 502.1 | 476.3 | 466.4  | 456.5 | 439.6 | 425.7 | 415.8 | 412.8 | 415.8 | 425.7 | 439.6 |
| 150°   | 506.1 | 483.3 | 474.4  | 465.4 | 450.5 | 437.6 | 429.7 | 426.7 | 429.7 | 437.6 | 450.5 |
| 152.5° | 510.1 | 490.2 | 482.3  | 474.4 | 460.5 | 449.5 | 441.6 | 440.6 | 441.6 | 449.5 | 460.5 |
| 155°   | 514.1 | 497.2 | 489.8  | 482.3 | 471.4 | 460.5 | 454.5 | 453.5 | 454.5 | 460.5 | 471.4 |
| 157.5° | 517.0 | 502.1 | 495.6  | 489.2 | 480.3 | 470.4 | 465.4 | 464.4 | 465.4 | 470.4 | 480.3 |
| 160°   | 519.0 | 507.1 | 501.6  | 496.2 | 488.2 | 480.3 | 476.3 | 475.3 | 476.3 | 480.3 | 488.2 |
| 162.5° | 520.0 | 510.1 | 506.1  | 502.1 | 495.2 | 489.2 | 485.3 | 486.3 | 485.3 | 489.2 | 495.2 |
| 165°   | 521.0 | 512.1 | 509.1  | 506.1 | 501.1 | 495.2 | 493.2 | 494.2 | 493.2 | 495.2 | 501.1 |
| 167.5° | 521.0 | 514.1 | 512.1  | 510.1 | 506.1 | 502.1 | 500.2 | 501.1 | 500.2 | 502.1 | 506.1 |
| 170°   | 520.0 | 515.0 | 513.6  | 512.1 | 510.1 | 507.1 | 506.1 | 508.1 | 506.1 | 507.1 | 510.1 |
| 172.5° | 519.0 | 516.0 | 515.0  | 514.1 | 513.1 | 510.1 | 511.1 | 512.1 | 511.1 | 510.1 | 513.1 |
| 175°   | 518.0 | 516.0 | 515.5  | 515.0 | 515.0 | 513.1 | 514.1 | 515.0 | 514.1 | 513.1 | 515.0 |
| 177.5° | 517.0 | 516.0 | 516.0  | 516.0 | 516.0 | 514.1 | 515.0 | 517.0 | 515.0 | 514.1 | 516.0 |
| 180°   | 516.0 | 516.0 | 516.0  | 516.0 | 516.0 | 516.0 | 516.0 | 516.0 | 516.0 | 516.0 | 516.0 |

TEST NUMBER: P1008963

CATALOG NUMBER: S122DIP-B290D925UB35-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 200°  | 202.5° | 205°  | 210°  | 215°  | 220°  | 225°  | 230°   | 235°   | 240°   | 245°   |
|--------|-------|--------|-------|-------|-------|-------|-------|--------|--------|--------|--------|
| 0°     | 577.9 | 577.9  | 577.9 | 577.9 | 577.9 | 577.9 | 577.9 | 577.9  | 577.9  | 577.9  | 577.9  |
| 2.5°   | 571.7 | 573.9  | 573.4 | 569.0 | 564.1 | 560.1 | 552.6 | 553.5  | 550.8  | 551.2  | 553.9  |
| 5°     | 557.5 | 557.5  | 555.7 | 549.5 | 541.5 | 537.0 | 528.6 | 526.4  | 521.0  | 520.6  | 520.1  |
| 7.5°   | 542.4 | 540.1  | 537.9 | 529.0 | 519.3 | 512.1 | 500.6 | 497.9  | 492.6  | 489.1  | 487.3  |
| 10°    | 524.6 | 521.5  | 517.0 | 506.8 | 494.8 | 485.9 | 473.9 | 470.4  | 460.2  | 455.7  | 453.1  |
| 12.5°  | 505.0 | 503.3  | 496.2 | 487.7 | 468.2 | 458.4 | 441.1 | 444.6  | 434.4  | 425.5  | 424.2  |
| 15°    | 485.5 | 478.8  | 474.8 | 461.1 | 437.5 | 433.1 | 419.3 | 412.2  | 402.9  | 395.8  | 395.8  |
| 17.5°  | 466.4 | 456.2  | 447.3 | 432.6 | 415.3 | 402.9 | 392.7 | 389.1  | 377.6  | 370.5  | 369.1  |
| 20°    | 441.1 | 429.5  | 427.3 | 406.4 | 394.4 | 380.7 | 370.9 | 362.0  | 353.6  | 350.5  | 348.2  |
| 22.5°  | 417.1 | 403.8  | 400.2 | 382.4 | 370.5 | 356.7 | 346.9 | 340.7  | 334.5  | 332.3  | 328.3  |
| 25°    | 391.3 | 383.3  | 378.0 | 358.9 | 345.6 | 332.7 | 326.0 | 321.6  | 315.8  | 315.4  | 312.7  |
| 27.5°  | 366.5 | 358.9  | 353.6 | 335.4 | 325.6 | 313.6 | 308.3 | 303.4  | 300.3  | 298.9  | 297.6  |
| 30°    | 345.1 | 336.7  | 330.5 | 317.2 | 305.2 | 295.4 | 290.9 | 287.8  | 286.1  | 283.8  | 283.4  |
| 32.5°  | 321.6 | 316.7  | 308.3 | 298.1 | 288.7 | 279.4 | 276.7 | 274.5  | 271.8  | 271.0  | 270.5  |
| 35°    | 301.6 | 294.9  | 289.6 | 278.1 | 274.1 | 266.1 | 263.0 | 261.2  | 257.6  | 256.7  | 255.9  |
| 37.5°  | 282.1 | 275.8  | 270.1 | 263.0 | 255.4 | 251.0 | 249.2 | 246.5  | 244.7  | 245.2  | 244.3  |
| 40°    | 262.5 | 257.6  | 253.2 | 245.6 | 241.2 | 239.0 | 235.4 | 232.8  | 231.9  | 232.3  | 231.9  |
| 42.5°  | 243.4 | 239.0  | 236.3 | 230.5 | 226.1 | 223.9 | 221.7 | 219.0  | 220.3  | 220.3  | 221.7  |
| 45°    | 226.1 | 222.1  | 220.3 | 215.9 | 213.2 | 209.7 | 207.4 | 207.0  | 208.8  | 208.3  | 208.3  |
| 47.5°  | 208.3 | 207.0  | 204.8 | 200.8 | 197.2 | 195.0 | 194.6 | 194.6  | 196.3  | 197.2  | 196.8  |
| 50°    | 194.6 | 191.9  | 189.2 | 186.1 | 183.4 | 182.6 | 181.2 | 182.1  | 183.9  | 183.9  | 184.8  |
| 52.5°  | 177.2 | 175.5  | 174.6 | 171.9 | 170.1 | 170.1 | 170.1 | 170.6  | 171.9  | 173.2  | 172.8  |
| 55°    | 162.1 | 160.8  | 159.9 | 158.6 | 156.4 | 156.8 | 156.4 | 157.2  | 158.6  | 159.9  | 160.8  |
| 57.5°  | 146.1 | 145.7  | 144.8 | 142.6 | 142.6 | 142.1 | 143.5 | 143.9  | 146.1  | 147.0  | 148.4  |
| 60°    | 131.9 | 130.6  | 130.6 | 128.8 | 128.8 | 128.8 | 130.1 | 131.5  | 133.3  | 133.7  | 134.6  |
| 62.5°  | 116.8 | 116.8  | 116.4 | 115.0 | 115.0 | 116.4 | 116.8 | 118.6  | 119.5  | 119.5  | 120.8  |
| 65°    | 102.6 | 102.2  | 101.7 | 102.2 | 102.6 | 102.6 | 103.9 | 104.8  | 105.7  | 106.2  | 106.6  |
| 67.5°  | 88.4  | 87.9   | 88.8  | 88.4  | 89.3  | 91.1  | 90.6  | 91.9   | 93.3   | 93.3   | 93.7   |
| 70°    | 75.1  | 76.0   | 75.5  | 76.4  | 76.0  | 76.8  | 78.2  | 78.6   | 78.6   | 79.1   | 80.4   |
| 72.5°  | 62.6  | 62.6   | 62.6  | 62.2  | 62.6  | 63.5  | 64.4  | 64.9   | 65.7   | 66.2   | 67.5   |
| 75°    | 50.6  | 50.6   | 49.7  | 50.6  | 50.6  | 51.5  | 52.4  | 52.4   | 52.4   | 53.3   | 54.6   |
| 77.5°  | 38.2  | 38.6   | 38.2  | 39.1  | 39.1  | 39.5  | 40.4  | 40.0   | 40.9   | 41.3   | 41.8   |
| 80°    | 28.0  | 27.5   | 27.5  | 27.5  | 28.0  | 28.0  | 28.9  | 29.3   | 29.3   | 30.6   | 29.8   |
| 82.5°  | 17.8  | 18.2   | 17.8  | 18.2  | 18.2  | 18.7  | 18.2  | 18.7   | 19.1   | 20.0   | 19.5   |
| 85°    | 10.2  | 9.8    | 9.8   | 10.2  | 9.8   | 9.8   | 10.2  | 9.8    | 10.2   | 9.8    | 10.2   |
| 87.5°  | 4.0   | 3.6    | 3.6   | 3.6   | 3.6   | 3.1   | 3.1   | 2.7    | 2.7    | 2.7    | 2.2    |
| 90°    | 11.9  | 13.4   | 14.9  | 19.8  | 26.8  | 32.7  | 33.7  | 32.7   | 31.8   | 29.8   | 31.8   |
| 92.5°  | 41.7  | 47.2   | 52.6  | 79.4  | 117.1 | 150.8 | 152.8 | 128.0  | 100.2  | 85.3   | 74.4   |
| 95°    | 73.4  | 85.4   | 97.3  | 142.9 | 229.2 | 344.4 | 389.0 | 340.4  | 260.0  | 199.5  | 157.8  |
| 97.5°  | 99.2  | 112.6  | 126.0 | 184.6 | 304.7 | 490.2 | 634.1 | 639.1  | 531.9  | 424.7  | 324.5  |
| 100°   | 124.0 | 137.9  | 151.8 | 204.4 | 325.5 | 539.9 | 784.0 | 926.9  | 906.0  | 783.0  | 647.0  |
| 102.5° | 146.9 | 160.8  | 174.7 | 222.3 | 326.5 | 521.0 | 788.9 | 1034.1 | 1151.2 | 1147.2 | 1056.9 |
| 105°   | 168.7 | 182.6  | 196.5 | 243.1 | 331.5 | 495.2 | 735.4 | 999.3  | 1205.7 | 1317.9 | 1330.8 |
| 107.5° | 190.5 | 204.4  | 218.3 | 264.0 | 342.4 | 481.3 | 685.7 | 925.9  | 1147.2 | 1313.9 | 1411.2 |
| 110°   | 212.4 | 226.8  | 241.1 | 284.8 | 356.3 | 477.3 | 652.0 | 857.4  | 1066.8 | 1244.4 | 1371.5 |

TEST NUMBER: P1008963

CATALOG NUMBER: S122DIP-B290D925UB35-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 200°  | 202.5° | 205°  | 210°  | 215°  | 220°  | 225°  | 230°  | 235°  | 240°   | 245°   |
|--------|-------|--------|-------|-------|-------|-------|-------|-------|-------|--------|--------|
| 112.5° | 233.2 | 248.1  | 263.0 | 304.7 | 371.1 | 478.3 | 630.2 | 809.8 | 993.4 | 1162.1 | 1300.0 |
| 115°   | 256.0 | 269.4  | 282.8 | 325.5 | 386.0 | 482.3 | 615.3 | 772.1 | 935.8 | 1088.6 | 1218.6 |
| 117.5° | 276.9 | 290.8  | 304.7 | 344.4 | 401.9 | 488.2 | 607.3 | 746.3 | 888.2 | 1025.1 | 1146.2 |
| 120°   | 297.7 | 311.6  | 325.5 | 364.2 | 417.8 | 494.2 | 600.4 | 726.4 | 854.4 | 977.5  | 1082.7 |
| 122.5° | 318.6 | 333.0  | 347.3 | 383.1 | 431.7 | 501.1 | 596.4 | 709.5 | 827.6 | 937.8  | 1036.0 |
| 125°   | 338.4 | 352.3  | 366.2 | 401.9 | 446.6 | 508.1 | 591.5 | 693.7 | 801.8 | 904.1  | 991.4  |
| 127.5° | 356.3 | 370.6  | 385.0 | 419.8 | 460.5 | 515.0 | 588.5 | 678.8 | 776.0 | 870.3  | 953.7  |
| 130°   | 373.1 | 387.0  | 400.9 | 435.7 | 473.4 | 523.0 | 586.5 | 663.9 | 751.2 | 836.6  | 915.0  |
| 132.5° | 389.0 | 402.9  | 416.8 | 449.5 | 486.3 | 530.9 | 585.5 | 652.0 | 727.4 | 804.8  | 875.3  |
| 135°   | 402.9 | 416.8  | 430.7 | 462.4 | 497.2 | 536.9 | 584.5 | 641.1 | 705.6 | 771.1  | 836.6  |
| 137.5° | 415.8 | 428.7  | 441.6 | 473.4 | 506.1 | 542.8 | 584.5 | 633.1 | 687.7 | 744.3  | 797.9  |
| 140°   | 426.7 | 439.6  | 452.5 | 482.3 | 513.1 | 546.8 | 583.5 | 626.2 | 670.8 | 718.5  | 764.1  |
| 142.5° | 436.6 | 448.6  | 460.5 | 489.2 | 519.0 | 549.8 | 583.5 | 619.2 | 657.0 | 695.7  | 733.4  |
| 145°   | 447.6 | 458.5  | 469.4 | 496.2 | 524.0 | 551.8 | 581.5 | 613.3 | 644.1 | 676.8  | 707.6  |
| 147.5° | 456.5 | 466.4  | 476.3 | 502.1 | 527.0 | 552.8 | 578.6 | 607.3 | 634.1 | 660.9  | 685.7  |
| 150°   | 465.4 | 474.4  | 483.3 | 506.1 | 528.9 | 551.8 | 575.6 | 599.4 | 623.2 | 645.0  | 665.9  |
| 152.5° | 474.4 | 482.3  | 490.2 | 510.1 | 529.9 | 549.8 | 570.6 | 592.4 | 612.3 | 632.1  | 649.0  |
| 155°   | 482.3 | 489.8  | 497.2 | 514.1 | 530.9 | 547.8 | 564.7 | 583.5 | 602.4 | 618.2  | 633.1  |
| 157.5° | 489.2 | 495.6  | 502.1 | 517.0 | 530.9 | 543.8 | 558.7 | 575.6 | 590.5 | 604.4  | 617.3  |
| 160°   | 496.2 | 501.6  | 507.1 | 519.0 | 530.9 | 540.8 | 552.8 | 566.6 | 579.5 | 590.5  | 601.4  |
| 162.5° | 502.1 | 506.1  | 510.1 | 520.0 | 529.9 | 537.9 | 547.8 | 558.7 | 568.6 | 577.6  | 586.5  |
| 165°   | 506.1 | 509.1  | 512.1 | 521.0 | 527.9 | 533.9 | 540.8 | 549.8 | 557.7 | 564.7  | 571.6  |
| 167.5° | 510.1 | 512.1  | 514.1 | 521.0 | 527.0 | 529.9 | 534.9 | 540.8 | 546.8 | 552.8  | 557.7  |
| 170°   | 512.1 | 513.6  | 515.0 | 520.0 | 525.0 | 527.0 | 529.9 | 533.9 | 538.9 | 541.8  | 545.8  |
| 172.5° | 514.1 | 515.0  | 516.0 | 519.0 | 522.0 | 523.0 | 524.0 | 527.0 | 529.9 | 531.9  | 534.9  |
| 175°   | 515.0 | 515.5  | 516.0 | 518.0 | 520.0 | 519.0 | 520.0 | 521.0 | 524.0 | 525.0  | 526.0  |
| 177.5° | 516.0 | 516.0  | 516.0 | 517.0 | 519.0 | 517.0 | 516.0 | 517.0 | 519.0 | 519.0  | 520.0  |
| 180°   | 516.0 | 516.0  | 516.0 | 516.0 | 516.0 | 516.0 | 516.0 | 516.0 | 516.0 | 516.0  | 516.0  |



TEST NUMBER: P1008963

CATALOG NUMBER: S122DIP-B290D925UB35-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°   | 255°   | 260°   | 265°   | 270°   | 275°   | 280°   | 285°   | 290°   | 292.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 577.9  | 577.9  | 577.9  | 577.9  | 577.9  | 577.9  | 577.9  | 577.9  | 577.9  | 577.9  | 577.9  |
| 2.5°   | 550.8  | 552.1  | 549.0  | 548.1  | 549.0  | 545.9  | 546.8  | 547.7  | 547.7  | 549.0  | 549.9  |
| 5°     | 518.8  | 517.0  | 513.9  | 513.0  | 512.1  | 513.5  | 512.6  | 513.9  | 514.4  | 517.5  | 517.9  |
| 7.5°   | 487.3  | 484.6  | 481.9  | 479.3  | 478.4  | 476.2  | 478.4  | 478.4  | 481.5  | 480.6  | 482.8  |
| 10°    | 450.0  | 449.5  | 446.0  | 444.6  | 442.9  | 439.3  | 444.2  | 442.9  | 445.1  | 449.1  | 450.0  |
| 12.5°  | 422.4  | 417.5  | 419.8  | 413.5  | 415.8  | 412.2  | 412.7  | 412.7  | 416.2  | 416.6  | 415.8  |
| 15°    | 396.2  | 392.2  | 386.4  | 383.8  | 382.4  | 380.7  | 386.4  | 386.9  | 384.2  | 390.4  | 388.2  |
| 17.5°  | 369.6  | 369.6  | 364.2  | 362.9  | 359.3  | 361.1  | 360.2  | 360.7  | 359.8  | 364.2  | 366.5  |
| 20°    | 346.5  | 344.2  | 342.5  | 342.9  | 338.5  | 337.6  | 336.7  | 337.6  | 340.7  | 343.8  | 344.7  |
| 22.5°  | 327.8  | 326.5  | 322.0  | 322.9  | 319.4  | 320.7  | 319.8  | 322.0  | 322.5  | 322.5  | 325.6  |
| 25°    | 310.0  | 308.3  | 308.7  | 306.9  | 305.6  | 305.6  | 304.3  | 305.6  | 307.4  | 308.3  | 308.7  |
| 27.5°  | 296.7  | 295.4  | 293.2  | 291.8  | 292.7  | 290.5  | 292.3  | 293.6  | 293.6  | 292.7  | 293.6  |
| 30°    | 280.7  | 281.6  | 281.6  | 277.2  | 279.0  | 278.1  | 279.4  | 280.3  | 280.3  | 280.7  | 279.8  |
| 32.5°  | 270.1  | 267.4  | 267.0  | 266.5  | 266.5  | 264.7  | 264.7  | 266.1  | 266.5  | 267.0  | 268.3  |
| 35°    | 255.9  | 255.9  | 253.6  | 255.0  | 253.2  | 253.6  | 253.2  | 253.6  | 254.5  | 253.2  | 254.5  |
| 37.5°  | 243.0  | 243.4  | 242.5  | 243.4  | 243.9  | 243.0  | 242.1  | 243.9  | 243.0  | 243.0  | 242.1  |
| 40°    | 231.9  | 231.4  | 231.9  | 231.9  | 231.9  | 232.3  | 231.4  | 231.4  | 231.4  | 230.5  | 229.6  |
| 42.5°  | 222.5  | 219.9  | 220.8  | 221.2  | 219.9  | 219.9  | 220.3  | 219.9  | 221.2  | 218.5  | 218.5  |
| 45°    | 209.2  | 208.3  | 208.8  | 208.8  | 209.7  | 208.3  | 209.2  | 209.7  | 208.3  | 207.9  | 207.0  |
| 47.5°  | 197.2  | 198.1  | 197.2  | 198.1  | 198.1  | 199.0  | 197.2  | 197.7  | 198.1  | 196.3  | 195.0  |
| 50°    | 185.2  | 185.2  | 186.6  | 186.1  | 186.6  | 185.7  | 185.7  | 185.2  | 185.7  | 184.8  | 183.4  |
| 52.5°  | 174.1  | 172.8  | 175.0  | 174.6  | 174.1  | 173.7  | 173.2  | 173.7  | 172.8  | 171.9  | 171.9  |
| 55°    | 160.4  | 160.4  | 161.7  | 162.1  | 162.1  | 161.2  | 160.4  | 160.8  | 160.4  | 159.9  | 159.5  |
| 57.5°  | 149.2  | 147.5  | 148.4  | 148.8  | 148.8  | 147.5  | 148.4  | 147.5  | 147.5  | 147.9  | 146.6  |
| 60°    | 135.0  | 135.0  | 134.1  | 135.5  | 135.5  | 134.6  | 134.6  | 135.0  | 134.1  | 133.7  | 133.3  |
| 62.5°  | 119.9  | 120.4  | 121.7  | 122.2  | 122.6  | 121.7  | 120.8  | 121.3  | 121.3  | 119.9  | 120.4  |
| 65°    | 107.0  | 107.9  | 109.7  | 109.3  | 108.4  | 108.8  | 107.9  | 108.4  | 107.0  | 107.5  | 106.2  |
| 67.5°  | 94.6   | 94.2   | 94.6   | 94.6   | 95.5   | 95.1   | 94.2   | 94.2   | 93.7   | 95.1   | 93.7   |
| 70°    | 81.3   | 81.3   | 81.3   | 81.3   | 81.7   | 82.2   | 81.3   | 80.4   | 80.8   | 80.0   | 79.5   |
| 72.5°  | 67.5   | 68.0   | 67.5   | 68.4   | 67.1   | 68.0   | 68.0   | 67.5   | 67.1   | 67.1   | 67.1   |
| 75°    | 54.6   | 55.5   | 54.2   | 54.6   | 54.2   | 55.1   | 54.6   | 54.6   | 53.7   | 53.3   | 53.7   |
| 77.5°  | 41.8   | 42.2   | 41.3   | 41.8   | 41.3   | 41.8   | 41.8   | 41.3   | 41.3   | 41.3   | 41.3   |
| 80°    | 29.8   | 30.2   | 29.8   | 29.3   | 28.9   | 29.8   | 28.9   | 29.3   | 29.8   | 29.3   | 30.2   |
| 82.5°  | 19.1   | 19.1   | 18.7   | 19.1   | 18.2   | 18.2   | 18.7   | 18.7   | 18.2   | 19.1   | 18.2   |
| 85°    | 9.3    | 9.3    | 10.2   | 9.3    | 8.9    | 8.9    | 8.9    | 9.3    | 8.9    | 9.8    | 9.3    |
| 87.5°  | 2.2    | 1.8    | 2.2    | 2.2    | 1.8    | 1.8    | 2.2    | 1.8    | 2.2    | 2.7    | 1.8    |
| 90°    | 32.2   | 32.7   | 32.7   | 32.7   | 32.7   | 32.7   | 32.7   | 32.7   | 32.7   | 32.7   | 32.2   |
| 92.5°  | 70.4   | 66.5   | 65.5   | 61.5   | 62.5   | 60.5   | 62.5   | 61.5   | 65.5   | 66.5   | 70.4   |
| 95°    | 146.9  | 136.0  | 123.1  | 115.1  | 112.1  | 113.1  | 112.1  | 115.1  | 123.1  | 136.0  | 146.9  |
| 97.5°  | 294.8  | 265.0  | 226.3  | 206.4  | 195.5  | 189.5  | 195.5  | 206.4  | 226.3  | 265.0  | 294.8  |
| 100°   | 587.0  | 527.0  | 444.6  | 401.9  | 373.1  | 355.3  | 373.1  | 401.9  | 444.6  | 527.0  | 587.0  |
| 102.5° | 992.4  | 927.9  | 836.6  | 756.2  | 718.5  | 692.7  | 718.5  | 756.2  | 836.6  | 927.9  | 992.4  |
| 105°   | 1314.4 | 1298.0 | 1236.5 | 1175.0 | 1132.3 | 1118.4 | 1132.3 | 1175.0 | 1236.5 | 1298.0 | 1314.4 |
| 107.5° | 1431.1 | 1450.9 | 1449.9 | 1440.9 | 1428.0 | 1405.2 | 1428.0 | 1440.9 | 1449.9 | 1450.9 | 1431.1 |
| 110°   | 1412.2 | 1452.8 | 1495.5 | 1514.4 | 1523.3 | 1522.3 | 1523.3 | 1514.4 | 1495.5 | 1452.8 | 1412.2 |



TEST NUMBER: P1008963

CATALOG NUMBER: S122DIP-B290D925UB35-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°   | 255°   | 260°   | 265°   | 270°   | 275°   | 280°   | 285°   | 290°   | 292.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 1348.2 | 1396.3 | 1459.8 | 1494.5 | 1513.4 | 1520.3 | 1513.4 | 1494.5 | 1459.8 | 1396.3 | 1348.2 |
| 115°   | 1269.8 | 1320.9 | 1391.3 | 1437.0 | 1462.8 | 1471.7 | 1462.8 | 1437.0 | 1391.3 | 1320.9 | 1269.8 |
| 117.5° | 1194.8 | 1243.4 | 1315.9 | 1364.5 | 1391.3 | 1398.3 | 1391.3 | 1364.5 | 1315.9 | 1243.4 | 1194.8 |
| 120°   | 1127.8 | 1173.0 | 1242.5 | 1289.1 | 1317.9 | 1327.8 | 1317.9 | 1289.1 | 1242.5 | 1173.0 | 1127.8 |
| 122.5° | 1075.7 | 1115.4 | 1176.0 | 1221.6 | 1246.4 | 1254.4 | 1246.4 | 1221.6 | 1176.0 | 1115.4 | 1075.7 |
| 125°   | 1028.6 | 1065.8 | 1123.4 | 1161.1 | 1185.9 | 1193.8 | 1185.9 | 1161.1 | 1123.4 | 1065.8 | 1028.6 |
| 127.5° | 988.4  | 1023.1 | 1073.8 | 1109.5 | 1131.3 | 1137.3 | 1131.3 | 1109.5 | 1073.8 | 1023.1 | 988.4  |
| 130°   | 947.8  | 980.5  | 1029.1 | 1062.8 | 1082.7 | 1090.6 | 1082.7 | 1062.8 | 1029.1 | 980.5  | 947.8  |
| 132.5° | 905.6  | 935.8  | 983.4  | 1017.2 | 1035.0 | 1042.0 | 1035.0 | 1017.2 | 983.4  | 935.8  | 905.6  |
| 135°   | 864.4  | 892.1  | 934.8  | 967.6  | 985.4  | 989.4  | 985.4  | 967.6  | 934.8  | 892.1  | 864.4  |
| 137.5° | 822.7  | 847.5  | 888.2  | 917.0  | 932.8  | 938.8  | 932.8  | 917.0  | 888.2  | 847.5  | 822.7  |
| 140°   | 786.0  | 807.8  | 839.5  | 865.4  | 880.2  | 886.2  | 880.2  | 865.4  | 839.5  | 807.8  | 786.0  |
| 142.5° | 750.8  | 768.1  | 797.9  | 820.7  | 833.6  | 833.6  | 833.6  | 820.7  | 797.9  | 768.1  | 750.8  |
| 145°   | 722.0  | 736.3  | 760.2  | 777.0  | 787.0  | 789.9  | 787.0  | 777.0  | 760.2  | 736.3  | 722.0  |
| 147.5° | 696.7  | 707.6  | 728.4  | 742.3  | 749.2  | 751.2  | 749.2  | 742.3  | 728.4  | 707.6  | 696.7  |
| 150°   | 674.8  | 683.7  | 698.6  | 710.5  | 716.5  | 717.5  | 716.5  | 710.5  | 698.6  | 683.7  | 674.8  |
| 152.5° | 656.4  | 663.9  | 674.8  | 684.7  | 688.7  | 688.7  | 688.7  | 684.7  | 674.8  | 663.9  | 656.4  |
| 155°   | 638.6  | 644.1  | 655.0  | 661.9  | 665.9  | 663.9  | 665.9  | 661.9  | 655.0  | 644.1  | 638.6  |
| 157.5° | 621.8  | 626.2  | 634.1  | 640.1  | 642.1  | 642.1  | 642.1  | 640.1  | 634.1  | 626.2  | 621.8  |
| 160°   | 604.8  | 608.3  | 615.3  | 620.2  | 621.2  | 621.2  | 621.2  | 620.2  | 615.3  | 608.3  | 604.8  |
| 162.5° | 589.0  | 591.5  | 598.4  | 601.4  | 602.4  | 601.4  | 602.4  | 601.4  | 598.4  | 591.5  | 589.0  |
| 165°   | 573.6  | 575.6  | 579.5  | 583.5  | 583.5  | 582.5  | 583.5  | 583.5  | 579.5  | 575.6  | 573.6  |
| 167.5° | 559.7  | 561.7  | 563.7  | 565.7  | 565.7  | 564.7  | 565.7  | 565.7  | 563.7  | 561.7  | 559.7  |
| 170°   | 546.8  | 547.8  | 548.8  | 551.8  | 550.8  | 548.8  | 550.8  | 551.8  | 548.8  | 547.8  | 546.8  |
| 172.5° | 535.4  | 535.9  | 536.9  | 537.9  | 536.9  | 535.9  | 536.9  | 537.9  | 536.9  | 535.9  | 535.4  |
| 175°   | 526.5  | 527.0  | 527.0  | 527.9  | 527.0  | 525.0  | 527.0  | 527.9  | 527.0  | 527.0  | 526.5  |
| 177.5° | 520.0  | 520.0  | 520.0  | 520.0  | 519.0  | 517.0  | 519.0  | 520.0  | 520.0  | 520.0  | 520.0  |
| 180°   | 516.0  | 516.0  | 516.0  | 516.0  | 516.0  | 516.0  | 516.0  | 516.0  | 516.0  | 516.0  | 516.0  |

TEST NUMBER: P1008963

CATALOG NUMBER: S122DIP-B290D925UB35-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 295°   | 300°   | 305°   | 310°   | 315°  | 320°  | 325°  | 330°  | 335°  | 337.5° | 340°  |
|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|--------|-------|
| 0°     | 577.9  | 577.9  | 577.9  | 577.9  | 577.9 | 577.9 | 577.9 | 577.9 | 577.9 | 577.9  | 577.9 |
| 2.5°   | 548.6  | 552.1  | 550.8  | 545.9  | 551.7 | 551.7 | 555.7 | 555.7 | 560.6 | 562.3  | 565.0 |
| 5°     | 517.5  | 520.1  | 522.4  | 520.1  | 524.1 | 530.4 | 533.9 | 537.0 | 543.7 | 546.4  | 550.3 |
| 7.5°   | 484.2  | 489.1  | 491.3  | 491.3  | 497.9 | 505.0 | 512.1 | 516.6 | 525.9 | 529.5  | 533.5 |
| 10°    | 451.7  | 457.5  | 462.0  | 461.5  | 472.6 | 477.1 | 485.9 | 496.2 | 505.5 | 510.8  | 516.6 |
| 12.5°  | 417.5  | 420.6  | 426.9  | 435.7  | 438.4 | 446.4 | 456.6 | 469.5 | 486.4 | 491.3  | 499.7 |
| 15°    | 389.1  | 397.5  | 402.4  | 406.4  | 412.7 | 420.2 | 431.3 | 443.7 | 460.6 | 471.3  | 480.2 |
| 17.5°  | 365.1  | 376.2  | 379.3  | 378.4  | 386.4 | 398.0 | 410.9 | 420.2 | 435.3 | 448.2  | 456.6 |
| 20°    | 345.6  | 350.0  | 355.4  | 357.6  | 363.8 | 376.2 | 388.7 | 399.3 | 411.8 | 422.0  | 431.8 |
| 22.5°  | 326.0  | 329.6  | 334.0  | 338.0  | 342.9 | 350.0 | 362.0 | 375.3 | 387.3 | 397.1  | 408.2 |
| 25°    | 310.0  | 312.3  | 316.3  | 319.4  | 324.7 | 329.6 | 338.0 | 352.7 | 366.9 | 372.7  | 382.4 |
| 27.5°  | 294.5  | 296.3  | 298.9  | 302.5  | 305.2 | 310.0 | 317.6 | 329.6 | 344.2 | 350.0  | 363.3 |
| 30°    | 280.7  | 282.1  | 284.7  | 286.5  | 287.8 | 293.6 | 299.4 | 308.7 | 319.8 | 327.8  | 337.6 |
| 32.5°  | 267.8  | 269.2  | 271.8  | 272.3  | 274.1 | 277.2 | 282.5 | 290.9 | 300.7 | 307.4  | 315.8 |
| 35°    | 253.6  | 254.5  | 257.2  | 258.1  | 259.4 | 262.1 | 266.1 | 272.3 | 281.2 | 286.1  | 293.6 |
| 37.5°  | 242.5  | 242.1  | 243.9  | 245.2  | 247.0 | 248.3 | 249.6 | 255.9 | 262.5 | 267.0  | 272.7 |
| 40°    | 230.5  | 229.6  | 230.1  | 231.9  | 232.8 | 234.5 | 234.5 | 240.8 | 245.2 | 248.7  | 253.2 |
| 42.5°  | 218.5  | 218.1  | 217.2  | 218.1  | 219.0 | 219.4 | 219.9 | 224.3 | 228.8 | 231.9  | 236.8 |
| 45°    | 206.5  | 206.1  | 205.2  | 205.7  | 205.7 | 206.5 | 207.9 | 209.7 | 212.8 | 215.4  | 218.1 |
| 47.5°  | 195.4  | 194.6  | 193.2  | 192.8  | 193.7 | 193.7 | 193.7 | 195.4 | 198.6 | 199.4  | 202.1 |
| 50°    | 183.9  | 182.6  | 180.8  | 179.9  | 179.9 | 179.5 | 180.3 | 180.8 | 183.4 | 184.3  | 186.6 |
| 52.5°  | 171.5  | 170.6  | 168.8  | 167.0  | 167.5 | 166.6 | 167.0 | 167.5 | 168.3 | 169.7  | 171.0 |
| 55°    | 159.0  | 157.2  | 155.9  | 155.5  | 154.1 | 154.1 | 152.8 | 154.6 | 154.1 | 154.6  | 156.4 |
| 57.5°  | 147.0  | 145.2  | 143.0  | 142.1  | 140.8 | 140.4 | 139.5 | 139.0 | 139.5 | 140.8  | 142.1 |
| 60°    | 132.8  | 131.9  | 130.6  | 129.3  | 128.4 | 127.0 | 126.1 | 126.1 | 125.7 | 125.7  | 126.1 |
| 62.5°  | 119.0  | 118.6  | 116.8  | 116.4  | 115.5 | 114.6 | 113.3 | 112.4 | 112.4 | 113.3  | 113.7 |
| 65°    | 105.7  | 105.3  | 103.9  | 103.5  | 101.3 | 100.4 | 99.9  | 99.5  | 98.6  | 98.6   | 98.6  |
| 67.5°  | 93.3   | 91.9   | 91.9   | 89.7   | 87.9  | 87.1  | 86.2  | 85.7  | 85.7  | 85.7   | 86.2  |
| 70°    | 79.5   | 79.5   | 78.2   | 76.8   | 75.1  | 75.5  | 74.2  | 72.8  | 72.8  | 72.0   | 72.4  |
| 72.5°  | 66.2   | 65.7   | 64.4   | 64.0   | 62.6  | 61.3  | 60.4  | 61.3  | 60.0  | 59.5   | 60.0  |
| 75°    | 53.3   | 52.9   | 52.0   | 51.1   | 51.5  | 50.2  | 48.9  | 48.4  | 48.4  | 47.5   | 47.5  |
| 77.5°  | 40.9   | 41.8   | 40.0   | 39.5   | 38.6  | 37.8  | 37.3  | 36.9  | 36.9  | 36.9   | 37.8  |
| 80°    | 28.4   | 28.9   | 28.9   | 28.0   | 28.4  | 27.1  | 27.1  | 27.1  | 25.8  | 26.2   | 26.7  |
| 82.5°  | 18.2   | 18.2   | 17.8   | 18.2   | 17.8  | 17.8  | 17.3  | 17.3  | 16.9  | 16.9   | 17.3  |
| 85°    | 10.2   | 9.8    | 9.3    | 10.2   | 9.8   | 9.8   | 9.3   | 9.3   | 9.3   | 9.3    | 9.3   |
| 87.5°  | 2.2    | 2.7    | 2.7    | 2.7    | 2.7   | 3.1   | 3.1   | 3.1   | 3.6   | 3.6    | 3.6   |
| 90°    | 31.8   | 29.8   | 31.8   | 32.7   | 33.7  | 32.7  | 26.8  | 19.8  | 14.9  | 13.4   | 11.9  |
| 92.5°  | 74.4   | 85.3   | 100.2  | 128.0  | 152.8 | 150.8 | 117.1 | 79.4  | 52.6  | 47.2   | 41.7  |
| 95°    | 157.8  | 199.5  | 260.0  | 340.4  | 389.0 | 344.4 | 229.2 | 142.9 | 97.3  | 85.4   | 73.4  |
| 97.5°  | 324.5  | 424.7  | 531.9  | 639.1  | 634.1 | 490.2 | 304.7 | 184.6 | 126.0 | 112.6  | 99.2  |
| 100°   | 647.0  | 783.0  | 906.0  | 926.9  | 784.0 | 539.9 | 325.5 | 204.4 | 151.8 | 137.9  | 124.0 |
| 102.5° | 1056.9 | 1147.2 | 1151.2 | 1034.1 | 788.9 | 521.0 | 326.5 | 222.3 | 174.7 | 160.8  | 146.9 |
| 105°   | 1330.8 | 1317.9 | 1205.7 | 999.3  | 735.4 | 495.2 | 331.5 | 243.1 | 196.5 | 182.6  | 168.7 |
| 107.5° | 1411.2 | 1313.9 | 1147.2 | 925.9  | 685.7 | 481.3 | 342.4 | 264.0 | 218.3 | 204.4  | 190.5 |
| 110°   | 1371.5 | 1244.4 | 1066.8 | 857.4  | 652.0 | 477.3 | 356.3 | 284.8 | 241.1 | 226.8  | 212.4 |

TEST NUMBER: P1008963

CATALOG NUMBER: S122DIP-B290D925UB35-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 295°   | 300°   | 305°  | 310°  | 315°  | 320°  | 325°  | 330°  | 335°  | 337.5° | 340°  |
|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
| 112.5° | 1300.0 | 1162.1 | 993.4 | 809.8 | 630.2 | 478.3 | 371.1 | 304.7 | 263.0 | 248.1  | 233.2 |
| 115°   | 1218.6 | 1088.6 | 935.8 | 772.1 | 615.3 | 482.3 | 386.0 | 325.5 | 282.8 | 269.4  | 256.0 |
| 117.5° | 1146.2 | 1025.1 | 888.2 | 746.3 | 607.3 | 488.2 | 401.9 | 344.4 | 304.7 | 290.8  | 276.9 |
| 120°   | 1082.7 | 977.5  | 854.4 | 726.4 | 600.4 | 494.2 | 417.8 | 364.2 | 325.5 | 311.6  | 297.7 |
| 122.5° | 1036.0 | 937.8  | 827.6 | 709.5 | 596.4 | 501.1 | 431.7 | 383.1 | 347.3 | 333.0  | 318.6 |
| 125°   | 991.4  | 904.1  | 801.8 | 693.7 | 591.5 | 508.1 | 446.6 | 401.9 | 366.2 | 352.3  | 338.4 |
| 127.5° | 953.7  | 870.3  | 776.0 | 678.8 | 588.5 | 515.0 | 460.5 | 419.8 | 385.0 | 370.6  | 356.3 |
| 130°   | 915.0  | 836.6  | 751.2 | 663.9 | 586.5 | 523.0 | 473.4 | 435.7 | 400.9 | 387.0  | 373.1 |
| 132.5° | 875.3  | 804.8  | 727.4 | 652.0 | 585.5 | 530.9 | 486.3 | 449.5 | 416.8 | 402.9  | 389.0 |
| 135°   | 836.6  | 771.1  | 705.6 | 641.1 | 584.5 | 536.9 | 497.2 | 462.4 | 430.7 | 416.8  | 402.9 |
| 137.5° | 797.9  | 744.3  | 687.7 | 633.1 | 584.5 | 542.8 | 506.1 | 473.4 | 441.6 | 428.7  | 415.8 |
| 140°   | 764.1  | 718.5  | 670.8 | 626.2 | 583.5 | 546.8 | 513.1 | 482.3 | 452.5 | 439.6  | 426.7 |
| 142.5° | 733.4  | 695.7  | 657.0 | 619.2 | 583.5 | 549.8 | 519.0 | 489.2 | 460.5 | 448.6  | 436.6 |
| 145°   | 707.6  | 676.8  | 644.1 | 613.3 | 581.5 | 551.8 | 524.0 | 496.2 | 469.4 | 458.5  | 447.6 |
| 147.5° | 685.7  | 660.9  | 634.1 | 607.3 | 578.6 | 552.8 | 527.0 | 502.1 | 476.3 | 466.4  | 456.5 |
| 150°   | 665.9  | 645.0  | 623.2 | 599.4 | 575.6 | 551.8 | 528.9 | 506.1 | 483.3 | 474.4  | 465.4 |
| 152.5° | 649.0  | 632.1  | 612.3 | 592.4 | 570.6 | 549.8 | 529.9 | 510.1 | 490.2 | 482.3  | 474.4 |
| 155°   | 633.1  | 618.2  | 602.4 | 583.5 | 564.7 | 547.8 | 530.9 | 514.1 | 497.2 | 489.8  | 482.3 |
| 157.5° | 617.3  | 604.4  | 590.5 | 575.6 | 558.7 | 543.8 | 530.9 | 517.0 | 502.1 | 495.6  | 489.2 |
| 160°   | 601.4  | 590.5  | 579.5 | 566.6 | 552.8 | 540.8 | 530.9 | 519.0 | 507.1 | 501.6  | 496.2 |
| 162.5° | 586.5  | 577.6  | 568.6 | 558.7 | 547.8 | 537.9 | 529.9 | 520.0 | 510.1 | 506.1  | 502.1 |
| 165°   | 571.6  | 564.7  | 557.7 | 549.8 | 540.8 | 533.9 | 527.9 | 521.0 | 512.1 | 509.1  | 506.1 |
| 167.5° | 557.7  | 552.8  | 546.8 | 540.8 | 534.9 | 529.9 | 527.0 | 521.0 | 514.1 | 512.1  | 510.1 |
| 170°   | 545.8  | 541.8  | 538.9 | 533.9 | 529.9 | 527.0 | 525.0 | 520.0 | 515.0 | 513.6  | 512.1 |
| 172.5° | 534.9  | 531.9  | 529.9 | 527.0 | 524.0 | 523.0 | 522.0 | 519.0 | 516.0 | 515.0  | 514.1 |
| 175°   | 526.0  | 525.0  | 524.0 | 521.0 | 520.0 | 519.0 | 520.0 | 518.0 | 516.0 | 515.5  | 515.0 |
| 177.5° | 520.0  | 519.0  | 519.0 | 517.0 | 516.0 | 517.0 | 519.0 | 517.0 | 516.0 | 516.0  | 516.0 |
| 180°   | 516.0  | 516.0  | 516.0 | 516.0 | 516.0 | 516.0 | 516.0 | 516.0 | 516.0 | 516.0  | 516.0 |

TEST NUMBER: P1008963

CATALOG NUMBER: S122DIP-B290D925UB35-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 345°  | 350°  | 355°  | 360°  |
|--------|-------|-------|-------|-------|
| 0°     | 577.9 | 577.9 | 577.9 | 577.9 |
| 2.5°   | 567.2 | 567.2 | 573.9 | 581.0 |
| 5°     | 554.8 | 557.9 | 568.6 | 578.3 |
| 7.5°   | 542.8 | 548.1 | 561.5 | 573.9 |
| 10°    | 528.1 | 535.2 | 551.7 | 566.3 |
| 12.5°  | 513.9 | 520.6 | 539.7 | 556.1 |
| 15°    | 493.9 | 502.4 | 522.8 | 543.2 |
| 17.5°  | 473.9 | 482.4 | 507.3 | 531.2 |
| 20°    | 450.4 | 461.5 | 489.5 | 521.5 |
| 22.5°  | 428.6 | 442.4 | 473.5 | 499.3 |
| 25°    | 404.7 | 426.0 | 454.8 | 488.2 |
| 27.5°  | 383.3 | 404.7 | 434.0 | 467.7 |
| 30°    | 359.3 | 381.1 | 411.3 | 442.4 |
| 32.5°  | 336.3 | 356.2 | 385.6 | 423.8 |
| 35°    | 312.3 | 331.4 | 359.8 | 398.4 |
| 37.5°  | 290.5 | 309.2 | 340.2 | 375.8 |
| 40°    | 269.2 | 288.7 | 315.4 | 350.9 |
| 42.5°  | 249.2 | 266.5 | 290.5 | 326.0 |
| 45°    | 231.0 | 243.4 | 265.6 | 298.9 |
| 47.5°  | 211.9 | 223.0 | 243.4 | 276.7 |
| 50°    | 194.1 | 203.4 | 221.2 | 252.3 |
| 52.5°  | 176.8 | 184.8 | 201.2 | 226.1 |
| 55°    | 161.2 | 168.8 | 180.8 | 205.2 |
| 57.5°  | 145.2 | 151.0 | 162.6 | 182.1 |
| 60°    | 129.7 | 135.0 | 144.4 | 160.4 |
| 62.5°  | 114.2 | 118.6 | 127.5 | 140.4 |
| 65°    | 100.4 | 103.9 | 110.6 | 121.7 |
| 67.5°  | 87.1  | 89.3  | 94.6  | 103.5 |
| 70°    | 74.2  | 76.0  | 80.4  | 87.5  |
| 72.5°  | 60.4  | 62.2  | 67.1  | 72.0  |
| 75°    | 48.9  | 49.3  | 52.9  | 56.9  |
| 77.5°  | 38.2  | 37.8  | 40.4  | 43.5  |
| 80°    | 26.2  | 27.5  | 29.8  | 31.1  |
| 82.5°  | 17.8  | 18.2  | 19.1  | 20.0  |
| 85°    | 9.8   | 10.2  | 10.2  | 11.5  |
| 87.5°  | 4.0   | 4.4   | 4.4   | 4.9   |
| 90°    | 9.9   | 7.9   | 4.0   | 1.0   |
| 92.5°  | 33.7  | 28.8  | 20.8  | 14.9  |
| 95°    | 57.6  | 48.6  | 38.7  | 34.7  |
| 97.5°  | 81.4  | 68.5  | 57.6  | 51.6  |
| 100°   | 104.2 | 88.3  | 79.4  | 76.4  |
| 102.5° | 126.0 | 110.2 | 101.2 | 99.2  |
| 105°   | 146.9 | 132.0 | 125.0 | 121.1 |
| 107.5° | 168.7 | 154.8 | 147.9 | 144.9 |
| 110°   | 191.5 | 178.6 | 172.7 | 168.7 |

TEST NUMBER: P1008963

CATALOG NUMBER: S122DIP-B290D925UB35-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 345°  | 350°  | 355°  | 360°  |
|--------|-------|-------|-------|-------|
| 112.5° | 213.4 | 201.5 | 194.5 | 190.5 |
| 115°   | 236.2 | 224.3 | 218.3 | 213.4 |
| 117.5° | 258.0 | 247.1 | 241.1 | 237.2 |
| 120°   | 277.9 | 268.9 | 263.0 | 259.0 |
| 122.5° | 298.7 | 288.8 | 282.8 | 279.8 |
| 125°   | 318.6 | 306.6 | 300.7 | 297.7 |
| 127.5° | 337.4 | 324.5 | 316.6 | 312.6 |
| 130°   | 353.3 | 339.4 | 329.5 | 325.5 |
| 132.5° | 368.2 | 353.3 | 342.4 | 337.4 |
| 135°   | 380.1 | 365.2 | 353.3 | 349.3 |
| 137.5° | 393.0 | 377.1 | 365.2 | 360.2 |
| 140°   | 404.9 | 389.0 | 377.1 | 373.1 |
| 142.5° | 415.8 | 399.9 | 389.0 | 386.0 |
| 145°   | 427.7 | 412.8 | 402.9 | 398.9 |
| 147.5° | 439.6 | 425.7 | 415.8 | 412.8 |
| 150°   | 450.5 | 437.6 | 429.7 | 426.7 |
| 152.5° | 460.5 | 449.5 | 441.6 | 440.6 |
| 155°   | 471.4 | 460.5 | 454.5 | 453.5 |
| 157.5° | 480.3 | 470.4 | 465.4 | 464.4 |
| 160°   | 488.2 | 480.3 | 476.3 | 475.3 |
| 162.5° | 495.2 | 489.2 | 485.3 | 486.3 |
| 165°   | 501.1 | 495.2 | 493.2 | 494.2 |
| 167.5° | 506.1 | 502.1 | 500.2 | 501.1 |
| 170°   | 510.1 | 507.1 | 506.1 | 508.1 |
| 172.5° | 513.1 | 510.1 | 511.1 | 512.1 |
| 175°   | 515.0 | 513.1 | 514.1 | 515.0 |
| 177.5° | 516.0 | 514.1 | 515.0 | 517.0 |
| 180°   | 516.0 | 516.0 | 516.0 | 516.0 |

(END OF REPORT)