

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: P1008954

Luminaire Tested: S122DIP-B290D925UB30-4F0-XX-W2A-A4

Issue Date: 5/7/2025

**Test Information**

Test Method: LM-79-2019  
Report Number: P1008954  
REPORT IS A COMBINATION OF REPORTS P984084 AND P1007351  
Test Lab: INNOVATION CENTER  
Issue Date: 5/7/2025  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: NEO-RAY  
Catalog Number: S122DIP-B290D925UB30-4F0-XX-W2A-A4  
Description: Define 2 Direct/Indirect Pendant with 3000K BioUP LEDs {m-DER=0.589} {m-EER=0.647}  
Light Source: -  
Ballast/Driver: -

**Summary**

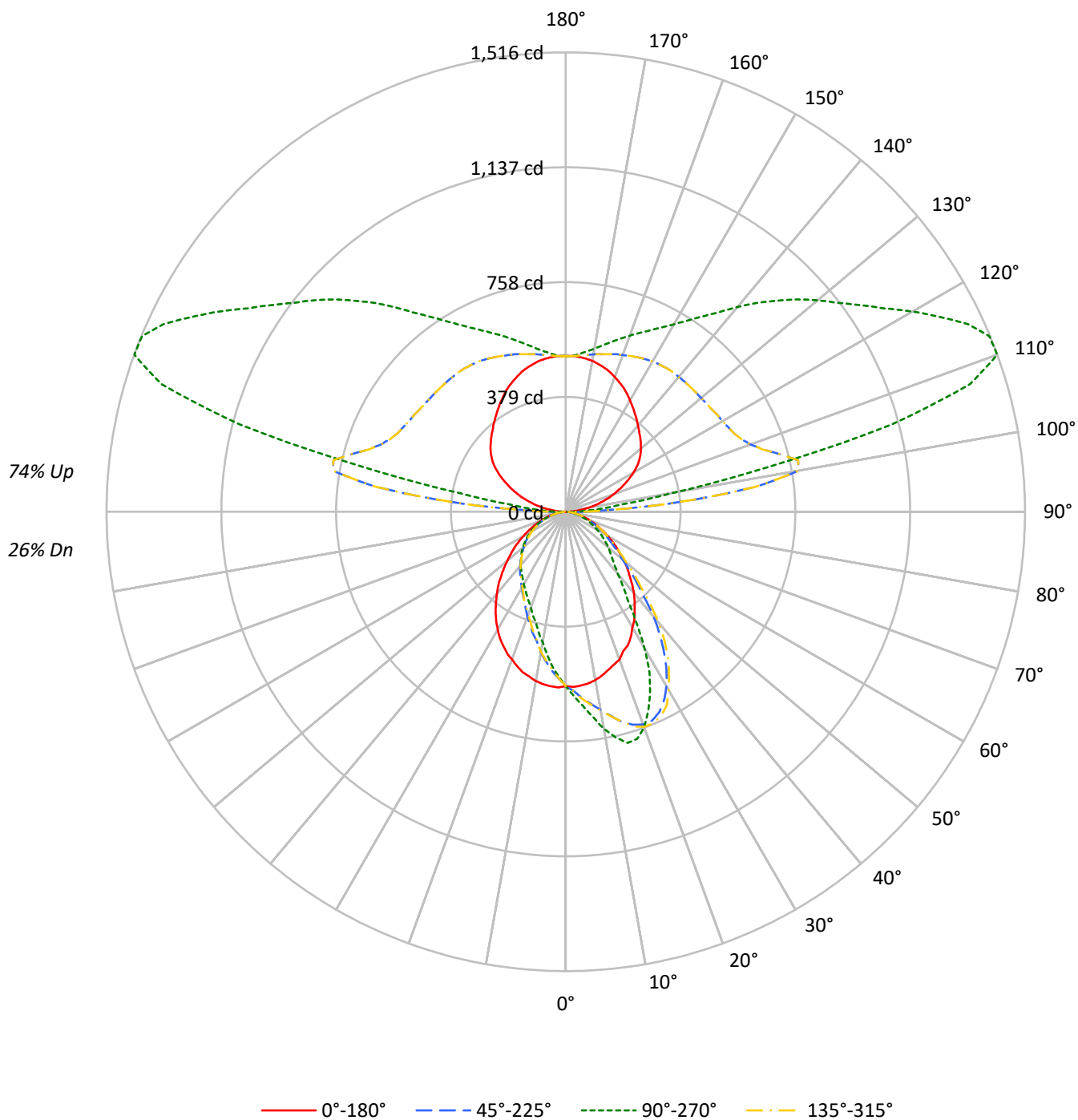
Lumens per Lamp: N/A  
Luminaire Lumens: 4850.0 lumens  
Efficiency: N/A  
Efficacy: 116.9 lumens/watt  
Spacing Criteria (0/90/45): 1.16 / 1.09 / 1.23  
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 4' x H: 0.1')  
CIE Type: Semi-Indirect

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: P1008954

CATALOG NUMBER: S122DIP-B290D925UB30-4F0-XX-W2A-A4

### Luminous Intensity Polar Plot



TEST NUMBER: P1008954

CATALOG NUMBER: S122DIP-B290D925UB30-4F0-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°  | 9105 | 9105  | 9105 | 9105 |
| 5°  | 9126 | 9708  | 9161 | 7724 |
| 10° | 9021 | 10597 | 9077 | 6367 |
| 15° | 8802 | 11178 | 8924 | 5364 |
| 20° | 8664 | 10495 | 8664 | 4662 |
| 25° | 8389 | 9016  | 8427 | 4169 |
| 30° | 7933 | 7088  | 8085 | 3777 |
| 35° | 7532 | 4901  | 7657 | 3455 |
| 40° | 7070 | 3701  | 7148 | 3199 |
| 45° | 6497 | 3040  | 6604 | 2922 |
| 50° | 6005 | 2670  | 6017 | 2675 |
| 55° | 5441 | 2274  | 5478 | 2407 |
| 60° | 4843 | 1899  | 4910 | 2101 |
| 65° | 4305 | 1545  | 4383 | 1794 |
| 70° | 3772 | 1212  | 3867 | 1447 |
| 75° | 3166 | 880   | 3289 | 1049 |
| 80° | 2467 | 557   | 2651 | 622  |
| 85° | 1624 | 280   | 1752 | 207  |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 157.5°

Vertical Angle: 45°

Luminance: 9412 cd/sqm

TEST NUMBER: P1008954

CATALOG NUMBER: S122DIP-B290D925UB30-4F0-XX-W2A-A4

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 54.8   | 1.1       |
| 10°-20°   | 159.5  | 3.3       |
| 20°-30°   | 231.4  | 4.8       |
| 30°-40°   | 244.0  | 5.0       |
| 40°-50°   | 215.9  | 4.5       |
| 50°-60°   | 172.4  | 3.6       |
| 60°-70°   | 117.1  | 2.4       |
| 70°-80°   | 59.9   | 1.2       |
| 80°-90°   | 17.5   | 0.4       |
| 90°-100°  | 200.3  | 4.1       |
| 100°-110° | 705.3  | 14.5      |
| 110°-120° | 740.7  | 15.3      |
| 120°-130° | 609.4  | 12.6      |
| 130°-140° | 489.5  | 10.1      |
| 140°-150° | 369.8  | 7.6       |
| 150°-160° | 260.0  | 5.4       |
| 160°-170° | 153.0  | 3.2       |
| 170°-180° | 49.8   | 1.0       |
| 0°-30°    | 445.7  | 9.2       |
| 0°-40°    | 689.6  | 14.2      |
| 0°-60°    | 1077.9 | 22.2      |
| 0°-90°    | 1272.3 | 26.2      |
| 90°-120°  | 1646.3 | 33.9      |
| 90°-150°  | 3115.0 | 64.2      |
| 90°-180°  | 3578.0 | 73.8      |
| 0°-180°   | 4850.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°  | 90°  | 180° | 270° | 360° | Flux |
|------|-----|------|------|------|------|------|
| 0°   | 575 | 575  | 575  | 575  | 575  |      |
| 5°   | 576 | 642  | 578  | 511  | 576  | 55   |
| 15°  | 541 | 790  | 548  | 379  | 541  | 153  |
| 25°  | 486 | 658  | 488  | 304  | 486  | 222  |
| 35°  | 397 | 358  | 403  | 252  | 397  | 248  |
| 45°  | 298 | 216  | 302  | 207  | 298  | 231  |
| 55°  | 204 | 152  | 206  | 160  | 204  | 182  |
| 65°  | 121 | 93   | 123  | 108  | 121  | 120  |
| 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° | 120 | 1113 | 120  | 1113 | 120  | 128  |
| 115° | 212 | 1465 | 212  | 1465 | 212  | 211  |
| 125° | 296 | 1188 | 296  | 1188 | 296  | 263  |
| 135° | 348 | 985  | 348  | 985  | 348  | 269  |
| 145° | 397 | 786  | 397  | 786  | 397  | 249  |
| 155° | 452 | 661  | 452  | 661  | 452  | 208  |
| 165° | 492 | 580  | 492  | 580  | 492  | 139  |
| 175° | 513 | 523  | 513  | 523  | 513  | 49   |
| 180° | 514 | 514  | 514  | 514  | 514  |      |

TEST NUMBER: P1008954

CATALOG NUMBER: S122DIP-B290D925UB30-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (FULL):**

|        | 0°    | 5°    | 10°   | 15°   | 20°   | 22.5° | 25°   | 30°   | 35°   | 40°   | 45°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 575.2 | 575.2 | 575.2 | 575.2 | 575.2 | 575.2 | 575.2 | 575.2 | 575.2 | 575.2 | 575.2 |
| 2.5°   | 578.3 | 579.6 | 581.8 | 582.2 | 586.7 | 590.2 | 594.2 | 594.2 | 595.5 | 595.1 | 591.5 |
| 5°     | 575.6 | 579.6 | 585.3 | 590.2 | 598.2 | 601.7 | 607.0 | 611.0 | 614.5 | 617.2 | 616.7 |
| 7.5°   | 571.2 | 578.3 | 586.7 | 595.9 | 606.6 | 612.7 | 620.3 | 627.3 | 632.2 | 636.6 | 639.7 |
| 10°    | 563.7 | 575.6 | 587.1 | 599.5 | 613.2 | 621.6 | 630.4 | 639.7 | 647.2 | 655.6 | 663.6 |
| 12.5°  | 553.5 | 570.7 | 584.9 | 601.3 | 618.1 | 627.3 | 641.5 | 648.6 | 663.1 | 684.4 | 690.1 |
| 15°    | 540.7 | 564.1 | 577.4 | 598.2 | 620.3 | 627.8 | 647.2 | 658.7 | 688.8 | 702.1 | 718.0 |
| 17.5°  | 528.7 | 554.8 | 572.5 | 596.4 | 618.1 | 632.6 | 651.7 | 675.1 | 700.3 | 719.3 | 737.0 |
| 20°    | 519.0 | 544.2 | 565.4 | 592.0 | 619.4 | 637.9 | 657.8 | 686.1 | 713.5 | 733.0 | 746.7 |
| 22.5°  | 496.9 | 529.2 | 553.9 | 583.6 | 616.7 | 642.4 | 661.4 | 692.3 | 721.9 | 733.9 | 745.8 |
| 25°    | 485.9 | 513.7 | 542.5 | 576.1 | 615.0 | 645.5 | 661.8 | 696.3 | 722.4 | 726.8 | 729.5 |
| 27.5°  | 465.5 | 496.9 | 530.5 | 569.0 | 614.5 | 640.2 | 660.9 | 692.3 | 713.1 | 710.0 | 702.1 |
| 30°    | 440.3 | 478.8 | 515.9 | 557.5 | 608.3 | 636.2 | 655.6 | 684.4 | 695.0 | 679.1 | 664.9 |
| 32.5°  | 421.8 | 458.0 | 499.1 | 547.3 | 601.3 | 627.8 | 646.8 | 669.3 | 671.5 | 642.8 | 618.9 |
| 35°    | 396.6 | 436.8 | 483.2 | 534.1 | 589.3 | 613.2 | 630.9 | 644.6 | 634.0 | 593.7 | 565.4 |
| 37.5°  | 374.0 | 413.8 | 463.3 | 515.0 | 573.0 | 596.4 | 610.5 | 612.7 | 586.7 | 551.3 | 509.7 |
| 40°    | 349.3 | 390.4 | 442.1 | 496.5 | 554.8 | 575.2 | 584.0 | 577.4 | 539.8 | 498.7 | 450.5 |
| 42.5°  | 324.5 | 365.2 | 420.9 | 476.6 | 531.8 | 549.1 | 552.6 | 534.5 | 488.5 | 440.3 | 384.6 |
| 45°    | 297.5 | 340.0 | 395.7 | 451.8 | 505.3 | 515.0 | 515.5 | 489.4 | 435.0 | 384.6 | 332.9 |
| 47.5°  | 275.4 | 314.8 | 370.0 | 426.2 | 471.3 | 477.9 | 475.3 | 445.2 | 386.0 | 329.4 | 284.3 |
| 50°    | 251.1 | 288.7 | 343.5 | 398.8 | 437.2 | 439.0 | 432.4 | 389.5 | 331.6 | 279.8 | 244.0 |
| 52.5°  | 225.0 | 263.0 | 313.4 | 366.5 | 401.0 | 398.3 | 385.5 | 339.5 | 285.2 | 242.3 | 214.9 |
| 55°    | 204.2 | 237.8 | 285.2 | 336.9 | 361.2 | 353.7 | 339.5 | 292.7 | 249.8 | 213.5 | 189.7 |
| 57.5°  | 181.3 | 210.9 | 257.3 | 302.4 | 316.5 | 309.5 | 295.3 | 251.6 | 211.8 | 184.4 | 168.4 |
| 60°    | 159.6 | 186.6 | 227.2 | 264.8 | 275.9 | 268.4 | 252.0 | 212.6 | 183.9 | 160.9 | 149.0 |
| 62.5°  | 139.7 | 163.1 | 197.2 | 231.7 | 236.1 | 228.6 | 214.4 | 182.6 | 157.8 | 139.7 | 130.9 |
| 65°    | 121.1 | 143.2 | 170.6 | 196.7 | 200.7 | 192.8 | 178.2 | 155.2 | 134.4 | 122.9 | 114.5 |
| 67.5°  | 103.0 | 120.7 | 145.0 | 164.0 | 166.2 | 158.7 | 146.8 | 128.2 | 115.4 | 103.0 | 96.8  |
| 70°    | 87.1  | 100.4 | 119.4 | 134.8 | 135.7 | 128.7 | 122.5 | 105.7 | 95.9  | 87.1  | 82.2  |
| 72.5°  | 71.6  | 80.9  | 95.5  | 107.0 | 107.4 | 103.0 | 97.3  | 86.7  | 78.3  | 72.1  | 67.2  |
| 75°    | 56.6  | 64.5  | 73.4  | 83.6  | 83.1  | 79.6  | 75.2  | 68.5  | 61.5  | 57.5  | 55.3  |
| 77.5°  | 43.3  | 48.2  | 55.3  | 61.9  | 61.9  | 60.1  | 57.5  | 52.6  | 48.2  | 44.2  | 42.0  |
| 80°    | 30.9  | 34.0  | 39.8  | 42.0  | 42.9  | 42.4  | 40.2  | 36.7  | 34.9  | 31.8  | 30.9  |
| 82.5°  | 19.9  | 22.1  | 24.8  | 27.0  | 28.3  | 27.4  | 27.0  | 25.2  | 22.5  | 21.7  | 20.8  |
| 85°    | 11.5  | 12.4  | 13.7  | 15.0  | 15.5  | 15.0  | 15.9  | 14.6  | 13.3  | 13.3  | 12.8  |
| 87.5°  | 4.9   | 5.3   | 6.2   | 6.2   | 6.6   | 6.6   | 6.2   | 6.6   | 6.6   | 6.2   | 5.7   |
| 90°    | 1.0   | 4.0   | 7.9   | 9.9   | 11.9  | 13.4  | 14.8  | 19.8  | 26.7  | 32.6  | 33.6  |
| 92.5°  | 14.8  | 20.7  | 28.7  | 33.6  | 41.5  | 47.0  | 52.4  | 79.0  | 116.6 | 150.2 | 152.1 |
| 95°    | 34.6  | 38.5  | 48.4  | 57.3  | 73.1  | 84.9  | 96.8  | 142.3 | 228.2 | 342.8 | 387.3 |
| 97.5°  | 51.4  | 57.3  | 68.2  | 81.0  | 98.8  | 112.2 | 125.5 | 183.8 | 303.3 | 488.1 | 631.3 |
| 100°   | 76.1  | 79.0  | 87.9  | 103.7 | 123.5 | 137.4 | 151.2 | 203.5 | 324.1 | 537.5 | 780.5 |
| 102.5° | 98.8  | 100.8 | 109.7 | 125.5 | 146.2 | 160.0 | 173.9 | 221.3 | 325.0 | 518.7 | 785.4 |
| 105°   | 120.5 | 124.5 | 131.4 | 146.2 | 168.0 | 181.8 | 195.6 | 242.1 | 330.0 | 493.0 | 732.1 |
| 107.5° | 144.2 | 147.2 | 154.1 | 168.0 | 189.7 | 203.6 | 217.4 | 262.8 | 340.8 | 479.2 | 682.7 |
| 110°   | 168.0 | 171.9 | 177.8 | 190.7 | 211.4 | 225.8 | 240.1 | 283.5 | 354.7 | 475.2 | 649.1 |

TEST NUMBER: P1008954

CATALOG NUMBER: S122DIP-B290D925UB30-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 0°    | 5°    | 10°   | 15°   | 20°   | 22.5° | 25°   | 30°   | 35°   | 40°   | 45°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 189.7 | 193.6 | 200.6 | 212.4 | 232.2 | 247.0 | 261.8 | 303.3 | 369.5 | 476.2 | 627.4 |
| 115°   | 212.4 | 217.4 | 223.3 | 235.1 | 254.9 | 268.2 | 281.6 | 324.1 | 384.3 | 480.1 | 612.5 |
| 117.5° | 236.1 | 240.1 | 246.0 | 256.9 | 275.6 | 289.5 | 303.3 | 342.8 | 400.1 | 486.1 | 604.6 |
| 120°   | 257.9 | 261.8 | 267.7 | 276.6 | 296.4 | 310.2 | 324.1 | 362.6 | 415.9 | 492.0 | 597.7 |
| 122.5° | 278.6 | 281.6 | 287.5 | 297.4 | 317.1 | 331.5 | 345.8 | 381.4 | 429.8 | 498.9 | 593.8 |
| 125°   | 296.4 | 299.4 | 305.3 | 317.1 | 336.9 | 350.8 | 364.6 | 400.1 | 444.6 | 505.8 | 588.8 |
| 127.5° | 311.2 | 315.2 | 323.1 | 335.9 | 354.7 | 369.0 | 383.3 | 417.9 | 458.4 | 512.8 | 585.9 |
| 130°   | 324.1 | 328.0 | 337.9 | 351.7 | 371.5 | 385.3 | 399.1 | 433.7 | 471.3 | 520.7 | 583.9 |
| 132.5° | 335.9 | 340.8 | 351.7 | 366.5 | 387.3 | 401.1 | 414.9 | 447.5 | 484.1 | 528.6 | 582.9 |
| 135°   | 347.8 | 351.7 | 363.6 | 378.4 | 401.1 | 415.0 | 428.8 | 460.4 | 495.0 | 534.5 | 581.9 |
| 137.5° | 358.6 | 363.6 | 375.4 | 391.2 | 414.0 | 426.8 | 439.6 | 471.3 | 503.9 | 540.4 | 581.9 |
| 140°   | 371.5 | 375.4 | 387.3 | 403.1 | 424.8 | 437.6 | 450.5 | 480.1 | 510.8 | 544.4 | 580.9 |
| 142.5° | 384.3 | 387.3 | 398.1 | 414.0 | 434.7 | 446.6 | 458.4 | 487.1 | 516.7 | 547.3 | 580.9 |
| 145°   | 397.2 | 401.1 | 411.0 | 425.8 | 445.6 | 456.4 | 467.3 | 494.0 | 521.6 | 549.3 | 578.9 |
| 147.5° | 411.0 | 414.0 | 423.8 | 437.7 | 454.5 | 464.4 | 474.2 | 499.9 | 524.6 | 550.3 | 576.0 |
| 150°   | 424.8 | 427.8 | 435.7 | 448.5 | 463.4 | 472.2 | 481.1 | 503.9 | 526.6 | 549.3 | 573.0 |
| 152.5° | 438.7 | 439.6 | 447.5 | 458.4 | 472.2 | 480.2 | 488.1 | 507.8 | 527.6 | 547.3 | 568.1 |
| 155°   | 451.5 | 452.5 | 458.4 | 469.3 | 480.1 | 487.6 | 495.0 | 511.8 | 528.6 | 545.4 | 562.2 |
| 157.5° | 462.4 | 463.4 | 468.3 | 478.2 | 487.1 | 493.5 | 499.9 | 514.7 | 528.6 | 541.4 | 556.2 |
| 160°   | 473.2 | 474.2 | 478.2 | 486.1 | 494.0 | 499.4 | 504.8 | 516.7 | 528.6 | 538.4 | 550.3 |
| 162.5° | 484.1 | 483.1 | 487.1 | 493.0 | 499.9 | 503.8 | 507.8 | 517.7 | 527.6 | 535.5 | 545.4 |
| 165°   | 492.0 | 491.0 | 493.0 | 498.9 | 503.9 | 506.8 | 509.8 | 518.7 | 525.6 | 531.5 | 538.4 |
| 167.5° | 498.9 | 497.9 | 499.9 | 503.9 | 507.8 | 509.8 | 511.8 | 518.7 | 524.6 | 527.6 | 532.5 |
| 170°   | 505.8 | 503.9 | 504.8 | 507.8 | 509.8 | 511.3 | 512.8 | 517.7 | 522.6 | 524.6 | 527.6 |
| 172.5° | 509.8 | 508.8 | 507.8 | 510.8 | 511.8 | 512.8 | 513.7 | 516.7 | 519.7 | 520.7 | 521.6 |
| 175°   | 512.8 | 511.8 | 510.8 | 512.8 | 512.8 | 513.2 | 513.7 | 515.7 | 517.7 | 516.7 | 517.7 |
| 177.5° | 514.7 | 512.8 | 511.8 | 513.7 | 513.7 | 513.7 | 513.7 | 514.7 | 516.7 | 514.7 | 513.7 |
| 180°   | 513.7 | 513.7 | 513.7 | 513.7 | 513.7 | 513.7 | 513.7 | 513.7 | 513.7 | 513.7 | 513.7 |

TEST NUMBER: P1008954

CATALOG NUMBER: S122DIP-B290D925UB30-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 50°    | 55°    | 60°    | 65°    | 67.5°  | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 575.2  | 575.2  | 575.2  | 575.2  | 575.2  | 575.2  | 575.2  | 575.2  | 575.2  | 575.2  | 575.2  |
| 2.5°   | 597.7  | 598.2  | 599.0  | 603.5  | 605.7  | 606.1  | 604.3  | 608.3  | 609.7  | 608.3  | 607.4  |
| 5°     | 626.0  | 628.7  | 634.0  | 639.7  | 639.3  | 639.7  | 642.4  | 645.0  | 645.9  | 642.4  | 643.7  |
| 7.5°   | 650.8  | 656.1  | 661.8  | 670.7  | 670.7  | 675.1  | 676.9  | 679.1  | 684.4  | 681.7  | 680.8  |
| 10°    | 679.1  | 686.1  | 696.7  | 710.9  | 711.3  | 715.8  | 720.2  | 727.3  | 729.5  | 727.7  | 728.6  |
| 12.5°  | 714.4  | 728.1  | 729.0  | 744.5  | 751.6  | 752.5  | 759.5  | 758.2  | 762.6  | 762.6  | 770.1  |
| 15°    | 729.9  | 751.1  | 763.1  | 778.1  | 782.5  | 777.2  | 783.0  | 789.1  | 789.6  | 789.6  | 789.1  |
| 17.5°  | 757.8  | 766.2  | 778.1  | 786.1  | 787.8  | 787.8  | 788.3  | 790.9  | 789.1  | 785.6  | 788.3  |
| 20°    | 763.5  | 767.0  | 771.5  | 770.6  | 771.5  | 767.0  | 762.6  | 758.2  | 758.6  | 756.4  | 763.1  |
| 22.5°  | 752.9  | 752.0  | 741.8  | 735.2  | 735.2  | 726.4  | 718.0  | 714.0  | 710.0  | 711.3  | 713.5  |
| 25°    | 726.4  | 712.7  | 700.3  | 690.6  | 688.3  | 674.2  | 662.7  | 659.2  | 652.5  | 657.8  | 658.7  |
| 27.5°  | 683.9  | 668.5  | 648.6  | 640.2  | 628.7  | 622.9  | 615.0  | 604.3  | 590.6  | 598.6  | 597.3  |
| 30°    | 638.4  | 615.4  | 599.0  | 578.7  | 560.6  | 559.3  | 544.2  | 526.5  | 519.5  | 519.5  | 523.4  |
| 32.5°  | 587.5  | 557.0  | 533.2  | 504.4  | 486.8  | 479.2  | 461.1  | 443.4  | 447.4  | 434.1  | 439.0  |
| 35°    | 528.3  | 488.1  | 458.0  | 430.2  | 416.9  | 408.1  | 384.6  | 374.9  | 364.3  | 358.1  | 369.6  |
| 37.5°  | 471.7  | 425.3  | 386.8  | 356.3  | 351.5  | 335.6  | 319.6  | 313.4  | 307.3  | 309.9  | 309.5  |
| 40°    | 402.8  | 361.6  | 327.2  | 303.3  | 294.9  | 287.4  | 276.8  | 269.2  | 265.3  | 267.5  | 267.9  |
| 42.5°  | 340.4  | 305.9  | 280.3  | 263.5  | 256.4  | 251.1  | 245.8  | 239.6  | 238.3  | 238.3  | 240.1  |
| 45°    | 292.2  | 263.9  | 246.7  | 233.0  | 229.0  | 225.0  | 221.0  | 218.4  | 217.5  | 215.7  | 217.1  |
| 47.5°  | 253.8  | 231.2  | 220.6  | 210.4  | 206.0  | 205.1  | 201.6  | 200.3  | 198.5  | 198.1  | 198.5  |
| 50°    | 221.5  | 207.3  | 197.6  | 191.9  | 188.8  | 187.4  | 185.7  | 183.0  | 182.1  | 184.4  | 183.5  |
| 52.5°  | 198.9  | 185.7  | 180.4  | 174.6  | 172.9  | 171.1  | 168.4  | 168.9  | 168.4  | 167.6  | 167.6  |
| 55°    | 176.4  | 168.0  | 162.7  | 158.3  | 157.8  | 156.1  | 153.9  | 153.0  | 152.5  | 151.6  | 153.0  |
| 57.5°  | 158.3  | 151.6  | 146.8  | 142.8  | 141.0  | 141.0  | 138.8  | 137.1  | 137.1  | 136.6  | 137.1  |
| 60°    | 140.1  | 133.5  | 130.4  | 126.4  | 125.1  | 124.7  | 123.3  | 122.5  | 121.1  | 121.1  | 121.1  |
| 62.5°  | 123.3  | 118.0  | 114.5  | 111.0  | 111.4  | 109.2  | 107.4  | 106.5  | 106.5  | 107.0  | 107.0  |
| 65°    | 107.4  | 103.9  | 99.5   | 96.4   | 95.5   | 95.1   | 94.2   | 93.7   | 92.4   | 93.3   | 93.3   |
| 67.5°  | 92.8   | 88.0   | 85.3   | 84.0   | 82.7   | 82.2   | 81.3   | 80.5   | 80.0   | 79.6   | 80.5   |
| 70°    | 78.3   | 74.3   | 72.1   | 71.2   | 69.9   | 69.4   | 69.0   | 67.6   | 68.1   | 68.5   | 69.0   |
| 72.5°  | 65.0   | 61.5   | 61.0   | 58.4   | 58.4   | 58.4   | 56.6   | 57.5   | 57.0   | 56.1   | 57.0   |
| 75°    | 51.3   | 49.5   | 48.6   | 47.3   | 47.7   | 47.3   | 46.9   | 45.5   | 45.5   | 46.0   | 46.4   |
| 77.5°  | 40.7   | 38.9   | 38.5   | 37.1   | 36.3   | 37.1   | 36.3   | 35.8   | 35.8   | 36.3   | 36.3   |
| 80°    | 30.1   | 29.2   | 27.9   | 27.9   | 27.9   | 27.4   | 27.4   | 27.4   | 27.0   | 26.5   | 27.0   |
| 82.5°  | 19.9   | 19.9   | 19.5   | 19.0   | 19.5   | 18.6   | 19.0   | 19.0   | 19.0   | 19.0   | 19.0   |
| 85°    | 12.8   | 12.4   | 12.4   | 11.9   | 11.9   | 11.9   | 12.4   | 11.5   | 11.5   | 11.9   | 11.9   |
| 87.5°  | 5.7    | 5.7    | 5.7    | 6.2    | 5.7    | 5.7    | 5.7    | 6.2    | 5.7    | 5.7    | 5.7    |
| 90°    | 32.6   | 31.6   | 29.6   | 31.6   | 32.1   | 32.6   | 32.6   | 32.6   | 32.6   | 32.6   | 32.6   |
| 92.5°  | 127.4  | 99.8   | 85.0   | 74.1   | 70.2   | 66.2   | 65.2   | 61.3   | 62.2   | 60.3   | 62.2   |
| 95°    | 338.9  | 258.8  | 198.6  | 157.1  | 146.2  | 135.4  | 122.5  | 114.6  | 111.6  | 112.6  | 111.6  |
| 97.5°  | 636.2  | 529.5  | 422.8  | 323.1  | 293.5  | 263.8  | 225.3  | 205.5  | 194.6  | 188.7  | 194.6  |
| 100°   | 922.8  | 902.0  | 779.5  | 644.2  | 584.4  | 524.6  | 442.6  | 400.1  | 371.5  | 353.7  | 371.5  |
| 102.5° | 1029.5 | 1146.0 | 1142.1 | 1052.2 | 988.0  | 923.7  | 832.9  | 752.8  | 715.3  | 689.6  | 715.3  |
| 105°   | 994.9  | 1200.4 | 1312.0 | 1324.9 | 1308.6 | 1292.3 | 1231.0 | 1169.7 | 1127.3 | 1113.4 | 1127.3 |
| 107.5° | 921.8  | 1142.1 | 1308.1 | 1404.9 | 1424.6 | 1444.4 | 1443.4 | 1434.5 | 1421.7 | 1399.0 | 1421.7 |
| 110°   | 853.6  | 1062.1 | 1238.9 | 1365.4 | 1405.9 | 1446.4 | 1488.9 | 1507.6 | 1516.5 | 1515.5 | 1516.5 |

TEST NUMBER: P1008954

CATALOG NUMBER: S122DIP-B290D925UB30-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 50°   | 55°   | 60°    | 65°    | 67.5°  | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    |
|--------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 806.2 | 988.9 | 1156.9 | 1294.2 | 1342.2 | 1390.1 | 1453.3 | 1487.9 | 1506.6 | 1513.6 | 1506.6 |
| 115°   | 768.6 | 931.6 | 1083.8 | 1213.2 | 1264.1 | 1315.0 | 1385.1 | 1430.6 | 1456.3 | 1465.1 | 1456.3 |
| 117.5° | 742.9 | 884.2 | 1020.6 | 1141.1 | 1189.5 | 1237.9 | 1310.0 | 1358.4 | 1385.1 | 1392.0 | 1385.1 |
| 120°   | 723.2 | 850.6 | 973.1  | 1077.9 | 1122.8 | 1167.8 | 1236.9 | 1283.4 | 1312.0 | 1321.9 | 1312.0 |
| 122.5° | 706.4 | 824.0 | 933.6  | 1031.4 | 1071.0 | 1110.5 | 1170.7 | 1216.2 | 1240.9 | 1248.8 | 1240.9 |
| 125°   | 690.6 | 798.3 | 900.0  | 987.0  | 1024.0 | 1061.1 | 1118.4 | 1155.9 | 1180.6 | 1188.5 | 1180.6 |
| 127.5° | 675.8 | 772.6 | 866.4  | 949.4  | 984.0  | 1018.6 | 1069.0 | 1104.5 | 1126.3 | 1132.2 | 1126.3 |
| 130°   | 660.9 | 747.9 | 832.9  | 910.9  | 943.5  | 976.1  | 1024.5 | 1058.1 | 1077.9 | 1085.8 | 1077.9 |
| 132.5° | 649.1 | 724.2 | 801.2  | 871.4  | 901.5  | 931.6  | 979.1  | 1012.7 | 1030.4 | 1037.4 | 1030.4 |
| 135°   | 638.2 | 702.4 | 767.6  | 832.9  | 860.6  | 888.2  | 930.7  | 963.3  | 981.0  | 985.0  | 981.0  |
| 137.5° | 630.3 | 684.7 | 741.0  | 794.3  | 819.0  | 843.7  | 884.2  | 912.9  | 928.7  | 934.6  | 928.7  |
| 140°   | 623.4 | 667.9 | 715.3  | 760.7  | 782.4  | 804.2  | 835.8  | 861.5  | 876.3  | 882.2  | 876.3  |
| 142.5° | 616.5 | 654.0 | 692.6  | 730.1  | 747.4  | 764.7  | 794.3  | 817.0  | 829.9  | 829.9  | 829.9  |
| 145°   | 610.6 | 641.2 | 673.8  | 704.4  | 718.8  | 733.1  | 756.8  | 773.6  | 783.5  | 786.4  | 783.5  |
| 147.5° | 604.6 | 631.3 | 658.0  | 682.7  | 693.6  | 704.4  | 725.2  | 739.0  | 745.9  | 747.9  | 745.9  |
| 150°   | 596.7 | 620.4 | 642.2  | 662.9  | 671.8  | 680.7  | 695.5  | 707.4  | 713.3  | 714.3  | 713.3  |
| 152.5° | 589.8 | 609.6 | 629.3  | 646.1  | 653.5  | 660.9  | 671.8  | 681.7  | 685.6  | 685.6  | 685.6  |
| 155°   | 580.9 | 599.7 | 615.5  | 630.3  | 635.8  | 641.2  | 652.1  | 659.0  | 662.9  | 660.9  | 662.9  |
| 157.5° | 573.0 | 587.8 | 601.7  | 614.5  | 619.0  | 623.4  | 631.3  | 637.2  | 639.2  | 639.2  | 639.2  |
| 160°   | 564.1 | 577.0 | 587.8  | 598.7  | 602.2  | 605.6  | 612.5  | 617.5  | 618.5  | 618.5  | 618.5  |
| 162.5° | 556.2 | 566.1 | 575.0  | 583.9  | 586.3  | 588.8  | 595.7  | 598.7  | 599.7  | 598.7  | 599.7  |
| 165°   | 547.3 | 555.2 | 562.2  | 569.1  | 571.0  | 573.0  | 577.0  | 580.9  | 580.9  | 579.9  | 580.9  |
| 167.5° | 538.4 | 544.4 | 550.3  | 555.2  | 557.2  | 559.2  | 561.2  | 563.1  | 563.1  | 562.2  | 563.1  |
| 170°   | 531.5 | 536.5 | 539.4  | 543.4  | 544.4  | 545.4  | 546.3  | 549.3  | 548.3  | 546.3  | 548.3  |
| 172.5° | 524.6 | 527.6 | 529.5  | 532.5  | 533.0  | 533.5  | 534.5  | 535.5  | 534.5  | 533.5  | 534.5  |
| 175°   | 518.7 | 521.6 | 522.6  | 523.6  | 524.1  | 524.6  | 524.6  | 525.6  | 524.6  | 522.6  | 524.6  |
| 177.5° | 514.7 | 516.7 | 516.7  | 517.7  | 517.7  | 517.7  | 517.7  | 517.7  | 516.7  | 514.7  | 516.7  |
| 180°   | 513.7 | 513.7 | 513.7  | 513.7  | 513.7  | 513.7  | 513.7  | 513.7  | 513.7  | 513.7  | 513.7  |

TEST NUMBER: P1008954

CATALOG NUMBER: S122DIP-B290D925UB30-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 100°   | 105°   | 110°   | 112.5° | 115°   | 120°   | 125°   | 130°   | 135°  | 140°  | 145°  |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|
| 0°     | 575.2  | 575.2  | 575.2  | 575.2  | 575.2  | 575.2  | 575.2  | 575.2  | 575.2 | 575.2 | 575.2 |
| 2.5°   | 609.7  | 606.6  | 603.9  | 604.3  | 606.6  | 604.8  | 600.4  | 594.6  | 592.4 | 589.8 | 592.4 |
| 5°     | 646.3  | 643.7  | 638.4  | 638.8  | 637.5  | 635.7  | 628.7  | 619.8  | 619.8 | 612.7 | 611.9 |
| 7.5°   | 682.6  | 678.6  | 675.1  | 674.2  | 669.3  | 665.8  | 659.6  | 647.2  | 642.4 | 634.0 | 629.1 |
| 10°    | 723.3  | 720.2  | 716.2  | 711.3  | 708.7  | 702.5  | 692.3  | 674.2  | 665.4 | 653.9 | 645.5 |
| 12.5°  | 764.4  | 763.9  | 755.1  | 745.4  | 744.9  | 735.2  | 728.1  | 703.8  | 691.9 | 676.4 | 656.5 |
| 15°    | 790.5  | 788.3  | 783.4  | 778.5  | 779.9  | 769.3  | 753.3  | 724.6  | 716.6 | 698.1 | 676.9 |
| 17.5°  | 790.0  | 790.0  | 788.7  | 787.8  | 786.5  | 783.4  | 774.6  | 755.5  | 742.7 | 719.3 | 699.4 |
| 20°    | 764.8  | 770.6  | 771.9  | 771.5  | 775.9  | 778.1  | 777.7  | 765.7  | 755.5 | 734.8 | 714.4 |
| 22.5°  | 714.4  | 727.7  | 733.4  | 737.0  | 746.3  | 751.1  | 762.6  | 758.2  | 755.5 | 740.1 | 722.8 |
| 25°    | 667.6  | 672.0  | 689.2  | 690.1  | 702.9  | 714.9  | 726.4  | 733.9  | 743.6 | 737.9 | 723.3 |
| 27.5°  | 607.0  | 617.2  | 629.5  | 638.8  | 641.5  | 665.8  | 684.8  | 699.0  | 721.1 | 722.8 | 718.0 |
| 30°    | 538.5  | 543.3  | 563.7  | 576.1  | 590.2  | 607.9  | 635.3  | 659.6  | 679.5 | 697.6 | 703.8 |
| 32.5°  | 454.9  | 474.8  | 486.8  | 501.8  | 514.2  | 545.5  | 579.1  | 610.5  | 633.5 | 664.0 | 677.3 |
| 35°    | 378.4  | 393.9  | 414.2  | 420.4  | 443.0  | 469.5  | 513.3  | 553.5  | 588.4 | 619.4 | 646.3 |
| 37.5°  | 315.2  | 327.6  | 349.3  | 359.0  | 372.2  | 406.3  | 443.0  | 492.9  | 534.9 | 573.0 | 606.6 |
| 40°    | 271.9  | 281.2  | 297.5  | 300.6  | 311.7  | 342.6  | 372.2  | 419.1  | 474.8 | 526.1 | 562.8 |
| 42.5°  | 242.3  | 246.7  | 257.7  | 261.7  | 268.8  | 289.6  | 316.1  | 360.3  | 412.0 | 465.1 | 516.8 |
| 45°    | 221.0  | 224.1  | 230.8  | 234.3  | 243.2  | 252.4  | 274.1  | 309.5  | 350.1 | 403.6 | 459.3 |
| 47.5°  | 202.0  | 206.0  | 208.7  | 210.9  | 215.7  | 225.9  | 240.1  | 266.1  | 305.0 | 354.1 | 408.1 |
| 50°    | 186.1  | 187.4  | 192.3  | 192.8  | 195.8  | 202.5  | 215.7  | 231.7  | 262.6 | 302.4 | 354.6 |
| 52.5°  | 170.2  | 171.5  | 174.6  | 177.7  | 179.0  | 184.4  | 193.2  | 206.5  | 229.4 | 260.8 | 307.3 |
| 55°    | 154.3  | 156.1  | 159.2  | 161.4  | 162.7  | 167.1  | 172.4  | 185.2  | 203.4 | 225.5 | 263.5 |
| 57.5°  | 138.4  | 142.4  | 143.2  | 144.6  | 146.8  | 151.6  | 156.5  | 164.0  | 178.2 | 198.5 | 226.4 |
| 60°    | 123.3  | 124.7  | 127.8  | 129.1  | 131.3  | 134.0  | 140.1  | 145.9  | 156.1 | 172.0 | 197.2 |
| 62.5°  | 107.9  | 111.0  | 112.3  | 113.6  | 115.4  | 118.5  | 122.5  | 128.7  | 137.5 | 150.3 | 170.2 |
| 65°    | 94.6   | 95.1   | 97.7   | 99.5   | 101.2  | 103.5  | 107.4  | 113.2  | 118.5 | 130.4 | 145.0 |
| 67.5°  | 81.8   | 82.7   | 83.6   | 85.3   | 87.5   | 89.7   | 93.3   | 96.4   | 103.0 | 111.0 | 122.5 |
| 70°    | 69.4   | 69.4   | 71.6   | 72.9   | 72.5   | 75.2   | 77.8   | 81.3   | 86.2  | 93.7  | 103.0 |
| 72.5°  | 58.4   | 57.9   | 59.7   | 60.1   | 61.0   | 62.8   | 64.5   | 68.1   | 70.7  | 76.5  | 83.6  |
| 75°    | 46.4   | 47.3   | 48.2   | 48.2   | 49.5   | 50.8   | 52.6   | 54.4   | 57.5  | 61.0  | 66.3  |
| 77.5°  | 36.7   | 36.7   | 37.6   | 38.0   | 39.3   | 38.9   | 40.7   | 42.4   | 44.7  | 47.7  | 51.7  |
| 80°    | 27.0   | 27.9   | 27.9   | 27.9   | 28.3   | 28.7   | 30.5   | 31.8   | 33.2  | 35.4  | 37.1  |
| 82.5°  | 19.0   | 19.0   | 19.9   | 19.9   | 19.9   | 20.8   | 20.8   | 21.2   | 22.1  | 23.4  | 24.8  |
| 85°    | 11.9   | 11.9   | 11.9   | 12.4   | 11.9   | 12.4   | 13.3   | 12.8   | 13.3  | 14.1  | 14.1  |
| 87.5°  | 5.7    | 5.7    | 5.7    | 5.7    | 5.7    | 6.2    | 5.7    | 6.2    | 6.6   | 6.6   | 6.6   |
| 90°    | 32.6   | 32.6   | 32.6   | 32.1   | 31.6   | 29.6   | 31.6   | 32.6   | 33.6  | 32.6  | 26.7  |
| 92.5°  | 61.3   | 65.2   | 66.2   | 70.2   | 74.1   | 85.0   | 99.8   | 127.4  | 152.1 | 150.2 | 116.6 |
| 95°    | 114.6  | 122.5  | 135.4  | 146.2  | 157.1  | 198.6  | 258.8  | 338.9  | 387.3 | 342.8 | 228.2 |
| 97.5°  | 205.5  | 225.3  | 263.8  | 293.5  | 323.1  | 422.8  | 529.5  | 636.2  | 631.3 | 488.1 | 303.3 |
| 100°   | 400.1  | 442.6  | 524.6  | 584.4  | 644.2  | 779.5  | 902.0  | 922.8  | 780.5 | 537.5 | 324.1 |
| 102.5° | 752.8  | 832.9  | 923.7  | 988.0  | 1052.2 | 1142.1 | 1146.0 | 1029.5 | 785.4 | 518.7 | 325.0 |
| 105°   | 1169.7 | 1231.0 | 1292.3 | 1308.6 | 1324.9 | 1312.0 | 1200.4 | 994.9  | 732.1 | 493.0 | 330.0 |
| 107.5° | 1434.5 | 1443.4 | 1444.4 | 1424.6 | 1404.9 | 1308.1 | 1142.1 | 921.8  | 682.7 | 479.2 | 340.8 |
| 110°   | 1507.6 | 1488.9 | 1446.4 | 1405.9 | 1365.4 | 1238.9 | 1062.1 | 853.6  | 649.1 | 475.2 | 354.7 |

TEST NUMBER: P1008954

CATALOG NUMBER: S122DIP-B290D925UB30-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 100°   | 105°   | 110°   | 112.5° | 115°   | 120°   | 125°  | 130°  | 135°  | 140°  | 145°  |
|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|
| 112.5° | 1487.9 | 1453.3 | 1390.1 | 1342.2 | 1294.2 | 1156.9 | 988.9 | 806.2 | 627.4 | 476.2 | 369.5 |
| 115°   | 1430.6 | 1385.1 | 1315.0 | 1264.1 | 1213.2 | 1083.8 | 931.6 | 768.6 | 612.5 | 480.1 | 384.3 |
| 117.5° | 1358.4 | 1310.0 | 1237.9 | 1189.5 | 1141.1 | 1020.6 | 884.2 | 742.9 | 604.6 | 486.1 | 400.1 |
| 120°   | 1283.4 | 1236.9 | 1167.8 | 1122.8 | 1077.9 | 973.1  | 850.6 | 723.2 | 597.7 | 492.0 | 415.9 |
| 122.5° | 1216.2 | 1170.7 | 1110.5 | 1071.0 | 1031.4 | 933.6  | 824.0 | 706.4 | 593.8 | 498.9 | 429.8 |
| 125°   | 1155.9 | 1118.4 | 1061.1 | 1024.0 | 987.0  | 900.0  | 798.3 | 690.6 | 588.8 | 505.8 | 444.6 |
| 127.5° | 1104.5 | 1069.0 | 1018.6 | 984.0  | 949.4  | 866.4  | 772.6 | 675.8 | 585.9 | 512.8 | 458.4 |
| 130°   | 1058.1 | 1024.5 | 976.1  | 943.5  | 910.9  | 832.9  | 747.9 | 660.9 | 583.9 | 520.7 | 471.3 |
| 132.5° | 1012.7 | 979.1  | 931.6  | 901.5  | 871.4  | 801.2  | 724.2 | 649.1 | 582.9 | 528.6 | 484.1 |
| 135°   | 963.3  | 930.7  | 888.2  | 860.6  | 832.9  | 767.6  | 702.4 | 638.2 | 581.9 | 534.5 | 495.0 |
| 137.5° | 912.9  | 884.2  | 843.7  | 819.0  | 794.3  | 741.0  | 684.7 | 630.3 | 581.9 | 540.4 | 503.9 |
| 140°   | 861.5  | 835.8  | 804.2  | 782.4  | 760.7  | 715.3  | 667.9 | 623.4 | 580.9 | 544.4 | 510.8 |
| 142.5° | 817.0  | 794.3  | 764.7  | 747.4  | 730.1  | 692.6  | 654.0 | 616.5 | 580.9 | 547.3 | 516.7 |
| 145°   | 773.6  | 756.8  | 733.1  | 718.8  | 704.4  | 673.8  | 641.2 | 610.6 | 578.9 | 549.3 | 521.6 |
| 147.5° | 739.0  | 725.2  | 704.4  | 693.6  | 682.7  | 658.0  | 631.3 | 604.6 | 576.0 | 550.3 | 524.6 |
| 150°   | 707.4  | 695.5  | 680.7  | 671.8  | 662.9  | 642.2  | 620.4 | 596.7 | 573.0 | 549.3 | 526.6 |
| 152.5° | 681.7  | 671.8  | 660.9  | 653.5  | 646.1  | 629.3  | 609.6 | 589.8 | 568.1 | 547.3 | 527.6 |
| 155°   | 659.0  | 652.1  | 641.2  | 635.8  | 630.3  | 615.5  | 599.7 | 580.9 | 562.2 | 545.4 | 528.6 |
| 157.5° | 637.2  | 631.3  | 623.4  | 619.0  | 614.5  | 601.7  | 587.8 | 573.0 | 556.2 | 541.4 | 528.6 |
| 160°   | 617.5  | 612.5  | 605.6  | 602.2  | 598.7  | 587.8  | 577.0 | 564.1 | 550.3 | 538.4 | 528.6 |
| 162.5° | 598.7  | 595.7  | 588.8  | 586.3  | 583.9  | 575.0  | 566.1 | 556.2 | 545.4 | 535.5 | 527.6 |
| 165°   | 580.9  | 577.0  | 573.0  | 571.0  | 569.1  | 562.2  | 555.2 | 547.3 | 538.4 | 531.5 | 525.6 |
| 167.5° | 563.1  | 561.2  | 559.2  | 557.2  | 555.2  | 550.3  | 544.4 | 538.4 | 532.5 | 527.6 | 524.6 |
| 170°   | 549.3  | 546.3  | 545.4  | 544.4  | 543.4  | 539.4  | 536.5 | 531.5 | 527.6 | 524.6 | 522.6 |
| 172.5° | 535.5  | 534.5  | 533.5  | 533.0  | 532.5  | 529.5  | 527.6 | 524.6 | 521.6 | 520.7 | 519.7 |
| 175°   | 525.6  | 524.6  | 524.6  | 524.1  | 523.6  | 522.6  | 521.6 | 518.7 | 517.7 | 516.7 | 517.7 |
| 177.5° | 517.7  | 517.7  | 517.7  | 517.7  | 517.7  | 516.7  | 516.7 | 514.7 | 513.7 | 514.7 | 516.7 |
| 180°   | 513.7  | 513.7  | 513.7  | 513.7  | 513.7  | 513.7  | 513.7 | 513.7 | 513.7 | 513.7 | 513.7 |

TEST NUMBER: P1008954

CATALOG NUMBER: S122DIP-B290D925UB30-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 150°  | 155°  | 157.5° | 160°  | 165°  | 170°  | 175°  | 180°  | 185°  | 190°  | 195°  |
|--------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 575.2 | 575.2 | 575.2  | 575.2 | 575.2 | 575.2 | 575.2 | 575.2 | 575.2 | 575.2 | 575.2 |
| 2.5°   | 590.2 | 588.0 | 586.7  | 587.5 | 584.9 | 578.3 | 578.3 | 580.5 | 577.8 | 575.2 | 571.2 |
| 5°     | 606.6 | 602.1 | 599.5  | 599.0 | 592.9 | 582.2 | 580.0 | 577.8 | 572.1 | 565.9 | 559.3 |
| 7.5°   | 622.5 | 614.5 | 610.1  | 607.0 | 598.2 | 584.5 | 578.7 | 573.8 | 564.6 | 555.3 | 546.9 |
| 10°    | 635.7 | 624.2 | 618.9  | 614.1 | 602.6 | 585.3 | 576.1 | 567.2 | 555.3 | 543.3 | 532.7 |
| 12.5°  | 646.3 | 633.1 | 626.5  | 619.4 | 605.2 | 582.7 | 571.2 | 557.0 | 545.1 | 529.2 | 518.6 |
| 15°    | 664.0 | 636.6 | 630.4  | 623.8 | 609.2 | 578.3 | 564.1 | 548.2 | 531.8 | 510.6 | 499.1 |
| 17.5°  | 678.2 | 641.5 | 641.0  | 626.9 | 607.9 | 576.5 | 554.8 | 534.1 | 516.4 | 495.2 | 477.0 |
| 20°    | 686.6 | 649.0 | 641.9  | 627.3 | 603.5 | 564.6 | 542.0 | 519.0 | 500.0 | 474.4 | 456.2 |
| 22.5°  | 693.7 | 659.6 | 641.0  | 623.4 | 594.2 | 560.6 | 527.4 | 505.8 | 479.7 | 451.8 | 434.6 |
| 25°    | 696.3 | 661.8 | 642.4  | 622.0 | 587.5 | 549.1 | 511.5 | 488.1 | 458.9 | 433.7 | 410.3 |
| 27.5°  | 696.7 | 661.4 | 637.5  | 616.3 | 578.3 | 534.1 | 495.6 | 470.8 | 438.6 | 409.4 | 386.0 |
| 30°    | 692.3 | 656.5 | 634.9  | 611.9 | 569.4 | 520.3 | 476.1 | 448.7 | 414.2 | 385.1 | 360.8 |
| 32.5°  | 679.1 | 646.8 | 629.1  | 603.9 | 557.9 | 501.3 | 457.6 | 427.1 | 390.8 | 362.1 | 338.6 |
| 35°    | 657.0 | 634.9 | 615.4  | 592.0 | 542.9 | 483.7 | 439.0 | 403.2 | 366.5 | 339.1 | 317.0 |
| 37.5°  | 629.5 | 617.6 | 599.5  | 576.5 | 525.7 | 467.7 | 418.2 | 378.4 | 341.7 | 315.2 | 293.6 |
| 40°    | 592.4 | 595.5 | 577.8  | 557.0 | 505.3 | 446.1 | 391.3 | 353.2 | 318.8 | 294.0 | 272.8 |
| 42.5°  | 552.2 | 565.0 | 554.8  | 534.9 | 482.8 | 422.2 | 371.4 | 329.4 | 295.8 | 270.1 | 252.4 |
| 45°    | 508.9 | 531.0 | 524.8  | 510.2 | 459.3 | 397.0 | 343.1 | 302.4 | 272.8 | 248.0 | 232.5 |
| 47.5°  | 461.6 | 492.9 | 492.9  | 482.3 | 433.3 | 371.8 | 318.8 | 277.2 | 248.0 | 230.3 | 215.3 |
| 50°    | 413.4 | 448.7 | 454.5  | 447.4 | 404.1 | 343.1 | 289.1 | 251.6 | 226.4 | 209.1 | 198.1 |
| 52.5°  | 363.0 | 404.1 | 414.7  | 411.2 | 373.1 | 315.7 | 264.8 | 228.1 | 205.1 | 190.1 | 180.4 |
| 55°    | 314.8 | 362.5 | 374.0  | 375.3 | 340.0 | 285.6 | 237.8 | 205.6 | 183.5 | 173.3 | 164.9 |
| 57.5°  | 269.2 | 315.2 | 328.0  | 330.2 | 306.4 | 258.2 | 212.6 | 184.4 | 164.5 | 156.1 | 149.4 |
| 60°    | 230.3 | 268.8 | 285.6  | 290.5 | 269.7 | 226.4 | 189.2 | 161.8 | 146.8 | 138.8 | 132.6 |
| 62.5°  | 198.5 | 229.4 | 247.1  | 248.5 | 239.2 | 198.5 | 164.9 | 141.9 | 129.1 | 122.0 | 118.9 |
| 65°    | 167.6 | 195.4 | 206.0  | 211.3 | 203.8 | 172.0 | 142.4 | 123.3 | 113.2 | 107.0 | 103.9 |
| 67.5°  | 142.8 | 160.5 | 169.3  | 176.4 | 168.9 | 145.0 | 121.1 | 105.7 | 98.1  | 92.0  | 90.2  |
| 70°    | 117.2 | 131.7 | 138.4  | 145.5 | 138.8 | 120.7 | 103.5 | 89.3  | 82.7  | 77.8  | 75.6  |
| 72.5°  | 93.7  | 105.2 | 111.4  | 115.8 | 111.9 | 96.8  | 82.7  | 72.9  | 68.1  | 64.5  | 63.2  |
| 75°    | 74.3  | 82.2  | 85.8   | 88.9  | 87.1  | 75.6  | 66.8  | 58.8  | 54.4  | 51.3  | 50.4  |
| 77.5°  | 56.6  | 62.3  | 66.3   | 67.2  | 65.0  | 57.5  | 50.0  | 45.1  | 41.6  | 39.8  | 38.9  |
| 80°    | 40.2  | 43.8  | 46.0   | 47.3  | 45.1  | 42.0  | 36.7  | 33.2  | 30.1  | 27.9  | 27.4  |
| 82.5°  | 27.0  | 28.7  | 30.5   | 30.1  | 29.2  | 26.5  | 23.4  | 21.7  | 20.3  | 18.6  | 18.6  |
| 85°    | 15.5  | 15.9  | 16.8   | 17.2  | 16.8  | 15.0  | 13.3  | 12.4  | 11.5  | 10.2  | 10.2  |
| 87.5°  | 6.6   | 7.1   | 7.1    | 7.5   | 6.6   | 6.6   | 5.7   | 4.9   | 4.9   | 4.4   | 4.0   |
| 90°    | 19.8  | 14.8  | 13.4   | 11.9  | 9.9   | 7.9   | 4.0   | 1.0   | 4.0   | 7.9   | 9.9   |
| 92.5°  | 79.0  | 52.4  | 47.0   | 41.5  | 33.6  | 28.7  | 20.7  | 14.8  | 20.7  | 28.7  | 33.6  |
| 95°    | 142.3 | 96.8  | 84.9   | 73.1  | 57.3  | 48.4  | 38.5  | 34.6  | 38.5  | 48.4  | 57.3  |
| 97.5°  | 183.8 | 125.5 | 112.2  | 98.8  | 81.0  | 68.2  | 57.3  | 51.4  | 57.3  | 68.2  | 81.0  |
| 100°   | 203.5 | 151.2 | 137.4  | 123.5 | 103.7 | 87.9  | 79.0  | 76.1  | 79.0  | 87.9  | 103.7 |
| 102.5° | 221.3 | 173.9 | 160.0  | 146.2 | 125.5 | 109.7 | 100.8 | 98.8  | 100.8 | 109.7 | 125.5 |
| 105°   | 242.1 | 195.6 | 181.8  | 168.0 | 146.2 | 131.4 | 124.5 | 120.5 | 124.5 | 131.4 | 146.2 |
| 107.5° | 262.8 | 217.4 | 203.6  | 189.7 | 168.0 | 154.1 | 147.2 | 144.2 | 147.2 | 154.1 | 168.0 |
| 110°   | 283.5 | 240.1 | 225.8  | 211.4 | 190.7 | 177.8 | 171.9 | 168.0 | 171.9 | 177.8 | 190.7 |

TEST NUMBER: P1008954

CATALOG NUMBER: S122DIP-B290D925UB30-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 150°  | 155°  | 157.5° | 160°  | 165°  | 170°  | 175°  | 180°  | 185°  | 190°  | 195°  |
|--------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 303.3 | 261.8 | 247.0  | 232.2 | 212.4 | 200.6 | 193.6 | 189.7 | 193.6 | 200.6 | 212.4 |
| 115°   | 324.1 | 281.6 | 268.2  | 254.9 | 235.1 | 223.3 | 217.4 | 212.4 | 217.4 | 223.3 | 235.1 |
| 117.5° | 342.8 | 303.3 | 289.5  | 275.6 | 256.9 | 246.0 | 240.1 | 236.1 | 240.1 | 246.0 | 256.9 |
| 120°   | 362.6 | 324.1 | 310.2  | 296.4 | 276.6 | 267.7 | 261.8 | 257.9 | 261.8 | 267.7 | 276.6 |
| 122.5° | 381.4 | 345.8 | 331.5  | 317.1 | 297.4 | 287.5 | 281.6 | 278.6 | 281.6 | 287.5 | 297.4 |
| 125°   | 400.1 | 364.6 | 350.8  | 336.9 | 317.1 | 305.3 | 299.4 | 296.4 | 299.4 | 305.3 | 317.1 |
| 127.5° | 417.9 | 383.3 | 369.0  | 354.7 | 335.9 | 323.1 | 315.2 | 311.2 | 315.2 | 323.1 | 335.9 |
| 130°   | 433.7 | 399.1 | 385.3  | 371.5 | 351.7 | 337.9 | 328.0 | 324.1 | 328.0 | 337.9 | 351.7 |
| 132.5° | 447.5 | 414.9 | 401.1  | 387.3 | 366.5 | 351.7 | 340.8 | 335.9 | 340.8 | 351.7 | 366.5 |
| 135°   | 460.4 | 428.8 | 415.0  | 401.1 | 378.4 | 363.6 | 351.7 | 347.8 | 351.7 | 363.6 | 378.4 |
| 137.5° | 471.3 | 439.6 | 426.8  | 414.0 | 391.2 | 375.4 | 363.6 | 358.6 | 363.6 | 375.4 | 391.2 |
| 140°   | 480.1 | 450.5 | 437.6  | 424.8 | 403.1 | 387.3 | 375.4 | 371.5 | 375.4 | 387.3 | 403.1 |
| 142.5° | 487.1 | 458.4 | 446.6  | 434.7 | 414.0 | 398.1 | 387.3 | 384.3 | 387.3 | 398.1 | 414.0 |
| 145°   | 494.0 | 467.3 | 456.4  | 445.6 | 425.8 | 411.0 | 401.1 | 397.2 | 401.1 | 411.0 | 425.8 |
| 147.5° | 499.9 | 474.2 | 464.4  | 454.5 | 437.7 | 423.8 | 414.0 | 411.0 | 414.0 | 423.8 | 437.7 |
| 150°   | 503.9 | 481.1 | 472.2  | 463.4 | 448.5 | 435.7 | 427.8 | 424.8 | 427.8 | 435.7 | 448.5 |
| 152.5° | 507.8 | 488.1 | 480.2  | 472.2 | 458.4 | 447.5 | 439.6 | 438.7 | 439.6 | 447.5 | 458.4 |
| 155°   | 511.8 | 495.0 | 487.6  | 480.1 | 469.3 | 458.4 | 452.5 | 451.5 | 452.5 | 458.4 | 469.3 |
| 157.5° | 514.7 | 499.9 | 493.5  | 487.1 | 478.2 | 468.3 | 463.4 | 462.4 | 463.4 | 468.3 | 478.2 |
| 160°   | 516.7 | 504.8 | 499.4  | 494.0 | 486.1 | 478.2 | 474.2 | 473.2 | 474.2 | 478.2 | 486.1 |
| 162.5° | 517.7 | 507.8 | 503.8  | 499.9 | 493.0 | 487.1 | 483.1 | 484.1 | 483.1 | 487.1 | 493.0 |
| 165°   | 518.7 | 509.8 | 506.8  | 503.9 | 498.9 | 493.0 | 491.0 | 492.0 | 491.0 | 493.0 | 498.9 |
| 167.5° | 518.7 | 511.8 | 509.8  | 507.8 | 503.9 | 499.9 | 497.9 | 498.9 | 497.9 | 499.9 | 503.9 |
| 170°   | 517.7 | 512.8 | 511.3  | 509.8 | 507.8 | 504.8 | 503.9 | 505.8 | 503.9 | 504.8 | 507.8 |
| 172.5° | 516.7 | 513.7 | 512.8  | 511.8 | 510.8 | 507.8 | 508.8 | 509.8 | 508.8 | 507.8 | 510.8 |
| 175°   | 515.7 | 513.7 | 513.2  | 512.8 | 512.8 | 510.8 | 511.8 | 512.8 | 511.8 | 510.8 | 512.8 |
| 177.5° | 514.7 | 513.7 | 513.7  | 513.7 | 513.7 | 511.8 | 512.8 | 514.7 | 512.8 | 511.8 | 513.7 |
| 180°   | 513.7 | 513.7 | 513.7  | 513.7 | 513.7 | 513.7 | 513.7 | 513.7 | 513.7 | 513.7 | 513.7 |

TEST NUMBER: P1008954

CATALOG NUMBER: S122DIP-B290D925UB30-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 200°  | 202.5° | 205°  | 210°  | 215°  | 220°  | 225°  | 230°   | 235°   | 240°   | 245°   |
|--------|-------|--------|-------|-------|-------|-------|-------|--------|--------|--------|--------|
| 0°     | 575.2 | 575.2  | 575.2 | 575.2 | 575.2 | 575.2 | 575.2 | 575.2  | 575.2  | 575.2  | 575.2  |
| 2.5°   | 569.0 | 571.2  | 570.7 | 566.3 | 561.5 | 557.5 | 550.0 | 550.9  | 548.2  | 548.6  | 551.3  |
| 5°     | 554.8 | 554.8  | 553.1 | 546.9 | 538.9 | 534.5 | 526.1 | 523.9  | 518.6  | 518.1  | 517.7  |
| 7.5°   | 539.8 | 537.6  | 535.4 | 526.5 | 516.8 | 509.7 | 498.2 | 495.6  | 490.3  | 486.8  | 485.0  |
| 10°    | 522.1 | 519.0  | 514.6 | 504.4 | 492.5 | 483.7 | 471.7 | 468.2  | 458.0  | 453.6  | 450.9  |
| 12.5°  | 502.7 | 500.9  | 493.8 | 485.4 | 466.0 | 456.2 | 439.0 | 442.5  | 432.4  | 423.5  | 422.2  |
| 15°    | 483.2 | 476.6  | 472.6 | 458.9 | 435.5 | 431.0 | 417.3 | 410.3  | 401.0  | 393.9  | 393.9  |
| 17.5°  | 464.2 | 454.0  | 445.2 | 430.6 | 413.4 | 401.0 | 390.8 | 387.3  | 375.8  | 368.7  | 367.4  |
| 20°    | 439.0 | 427.5  | 425.3 | 404.5 | 392.6 | 378.9 | 369.2 | 360.3  | 351.9  | 348.8  | 346.6  |
| 22.5°  | 415.1 | 401.9  | 398.3 | 380.6 | 368.7 | 355.0 | 345.3 | 339.1  | 332.9  | 330.7  | 326.7  |
| 25°    | 389.5 | 381.5  | 376.2 | 357.2 | 344.0 | 331.1 | 324.5 | 320.1  | 314.3  | 313.9  | 311.2  |
| 27.5°  | 364.7 | 357.2  | 351.9 | 333.8 | 324.1 | 312.1 | 306.8 | 302.0  | 298.9  | 297.5  | 296.2  |
| 30°    | 343.5 | 335.1  | 328.9 | 315.7 | 303.7 | 294.0 | 289.6 | 286.5  | 284.7  | 282.5  | 282.1  |
| 32.5°  | 320.1 | 315.2  | 306.8 | 296.6 | 287.4 | 278.1 | 275.4 | 273.2  | 270.6  | 269.7  | 269.2  |
| 35°    | 300.2 | 293.6  | 288.2 | 276.8 | 272.8 | 264.8 | 261.7 | 260.0  | 256.4  | 255.5  | 254.6  |
| 37.5°  | 280.7 | 274.5  | 268.8 | 261.7 | 254.2 | 249.8 | 248.0 | 245.4  | 243.6  | 244.0  | 243.2  |
| 40°    | 261.3 | 256.4  | 252.0 | 244.5 | 240.1 | 237.8 | 234.3 | 231.7  | 230.8  | 231.2  | 230.8  |
| 42.5°  | 242.3 | 237.8  | 235.2 | 229.4 | 225.0 | 222.8 | 220.6 | 218.0  | 219.3  | 219.3  | 220.6  |
| 45°    | 225.0 | 221.0  | 219.3 | 214.9 | 212.2 | 208.7 | 206.5 | 206.0  | 207.8  | 207.3  | 207.3  |
| 47.5°  | 207.3 | 206.0  | 203.8 | 199.8 | 196.3 | 194.1 | 193.6 | 193.6  | 195.4  | 196.3  | 195.8  |
| 50°    | 193.6 | 191.0  | 188.3 | 185.2 | 182.6 | 181.7 | 180.4 | 181.3  | 183.0  | 183.0  | 183.9  |
| 52.5°  | 176.4 | 174.6  | 173.7 | 171.1 | 169.3 | 169.3 | 169.3 | 169.8  | 171.1  | 172.4  | 172.0  |
| 55°    | 161.4 | 160.0  | 159.2 | 157.8 | 155.6 | 156.1 | 155.6 | 156.5  | 157.8  | 159.2  | 160.0  |
| 57.5°  | 145.5 | 145.0  | 144.1 | 141.9 | 141.9 | 141.5 | 142.8 | 143.2  | 145.5  | 146.3  | 147.7  |
| 60°    | 131.3 | 130.0  | 130.0 | 128.2 | 128.2 | 128.2 | 129.5 | 130.9  | 132.6  | 133.1  | 134.0  |
| 62.5°  | 116.3 | 116.3  | 115.8 | 114.5 | 114.5 | 115.8 | 116.3 | 118.0  | 118.9  | 118.9  | 120.3  |
| 65°    | 102.1 | 101.7  | 101.2 | 101.7 | 102.1 | 102.1 | 103.5 | 104.3  | 105.2  | 105.7  | 106.1  |
| 67.5°  | 88.0  | 87.5   | 88.4  | 88.0  | 88.9  | 90.6  | 90.2  | 91.5   | 92.8   | 92.8   | 93.3   |
| 70°    | 74.7  | 75.6   | 75.2  | 76.0  | 75.6  | 76.5  | 77.8  | 78.3   | 78.3   | 78.7   | 80.0   |
| 72.5°  | 62.3  | 62.3   | 62.3  | 61.9  | 62.3  | 63.2  | 64.1  | 64.5   | 65.4   | 65.9   | 67.2   |
| 75°    | 50.4  | 50.4   | 49.5  | 50.4  | 50.4  | 51.3  | 52.2  | 52.2   | 52.2   | 53.1   | 54.4   |
| 77.5°  | 38.0  | 38.5   | 38.0  | 38.9  | 38.9  | 39.3  | 40.2  | 39.8   | 40.7   | 41.1   | 41.6   |
| 80°    | 27.9  | 27.4   | 27.4  | 27.4  | 27.9  | 27.9  | 28.7  | 29.2   | 29.2   | 30.5   | 29.6   |
| 82.5°  | 17.7  | 18.1   | 17.7  | 18.1  | 18.1  | 18.6  | 18.1  | 18.6   | 19.0   | 19.9   | 19.5   |
| 85°    | 10.2  | 9.7    | 9.7   | 10.2  | 9.7   | 9.7   | 10.2  | 9.7    | 10.2   | 9.7    | 10.2   |
| 87.5°  | 4.0   | 3.5    | 3.5   | 3.5   | 3.5   | 3.1   | 3.1   | 2.7    | 2.7    | 2.7    | 2.2    |
| 90°    | 11.9  | 13.4   | 14.8  | 19.8  | 26.7  | 32.6  | 33.6  | 32.6   | 31.6   | 29.6   | 31.6   |
| 92.5°  | 41.5  | 47.0   | 52.4  | 79.0  | 116.6 | 150.2 | 152.1 | 127.4  | 99.8   | 85.0   | 74.1   |
| 95°    | 73.1  | 84.9   | 96.8  | 142.3 | 228.2 | 342.8 | 387.3 | 338.9  | 258.8  | 198.6  | 157.1  |
| 97.5°  | 98.8  | 112.2  | 125.5 | 183.8 | 303.3 | 488.1 | 631.3 | 636.2  | 529.5  | 422.8  | 323.1  |
| 100°   | 123.5 | 137.4  | 151.2 | 203.5 | 324.1 | 537.5 | 780.5 | 922.8  | 902.0  | 779.5  | 644.2  |
| 102.5° | 146.2 | 160.0  | 173.9 | 221.3 | 325.0 | 518.7 | 785.4 | 1029.5 | 1146.0 | 1142.1 | 1052.2 |
| 105°   | 168.0 | 181.8  | 195.6 | 242.1 | 330.0 | 493.0 | 732.1 | 994.9  | 1200.4 | 1312.0 | 1324.9 |
| 107.5° | 189.7 | 203.6  | 217.4 | 262.8 | 340.8 | 479.2 | 682.7 | 921.8  | 1142.1 | 1308.1 | 1404.9 |
| 110°   | 211.4 | 225.8  | 240.1 | 283.5 | 354.7 | 475.2 | 649.1 | 853.6  | 1062.1 | 1238.9 | 1365.4 |

TEST NUMBER: P1008954

CATALOG NUMBER: S122DIP-B290D925UB30-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 200°  | 202.5° | 205°  | 210°  | 215°  | 220°  | 225°  | 230°  | 235°  | 240°   | 245°   |
|--------|-------|--------|-------|-------|-------|-------|-------|-------|-------|--------|--------|
| 112.5° | 232.2 | 247.0  | 261.8 | 303.3 | 369.5 | 476.2 | 627.4 | 806.2 | 988.9 | 1156.9 | 1294.2 |
| 115°   | 254.9 | 268.2  | 281.6 | 324.1 | 384.3 | 480.1 | 612.5 | 768.6 | 931.6 | 1083.8 | 1213.2 |
| 117.5° | 275.6 | 289.5  | 303.3 | 342.8 | 400.1 | 486.1 | 604.6 | 742.9 | 884.2 | 1020.6 | 1141.1 |
| 120°   | 296.4 | 310.2  | 324.1 | 362.6 | 415.9 | 492.0 | 597.7 | 723.2 | 850.6 | 973.1  | 1077.9 |
| 122.5° | 317.1 | 331.5  | 345.8 | 381.4 | 429.8 | 498.9 | 593.8 | 706.4 | 824.0 | 933.6  | 1031.4 |
| 125°   | 336.9 | 350.8  | 364.6 | 400.1 | 444.6 | 505.8 | 588.8 | 690.6 | 798.3 | 900.0  | 987.0  |
| 127.5° | 354.7 | 369.0  | 383.3 | 417.9 | 458.4 | 512.8 | 585.9 | 675.8 | 772.6 | 866.4  | 949.4  |
| 130°   | 371.5 | 385.3  | 399.1 | 433.7 | 471.3 | 520.7 | 583.9 | 660.9 | 747.9 | 832.9  | 910.9  |
| 132.5° | 387.3 | 401.1  | 414.9 | 447.5 | 484.1 | 528.6 | 582.9 | 649.1 | 724.2 | 801.2  | 871.4  |
| 135°   | 401.1 | 415.0  | 428.8 | 460.4 | 495.0 | 534.5 | 581.9 | 638.2 | 702.4 | 767.6  | 832.9  |
| 137.5° | 414.0 | 426.8  | 439.6 | 471.3 | 503.9 | 540.4 | 581.9 | 630.3 | 684.7 | 741.0  | 794.3  |
| 140°   | 424.8 | 437.6  | 450.5 | 480.1 | 510.8 | 544.4 | 580.9 | 623.4 | 667.9 | 715.3  | 760.7  |
| 142.5° | 434.7 | 446.6  | 458.4 | 487.1 | 516.7 | 547.3 | 580.9 | 616.5 | 654.0 | 692.6  | 730.1  |
| 145°   | 445.6 | 456.4  | 467.3 | 494.0 | 521.6 | 549.3 | 578.9 | 610.6 | 641.2 | 673.8  | 704.4  |
| 147.5° | 454.5 | 464.4  | 474.2 | 499.9 | 524.6 | 550.3 | 576.0 | 604.6 | 631.3 | 658.0  | 682.7  |
| 150°   | 463.4 | 472.2  | 481.1 | 503.9 | 526.6 | 549.3 | 573.0 | 596.7 | 620.4 | 642.2  | 662.9  |
| 152.5° | 472.2 | 480.2  | 488.1 | 507.8 | 527.6 | 547.3 | 568.1 | 589.8 | 609.6 | 629.3  | 646.1  |
| 155°   | 480.1 | 487.6  | 495.0 | 511.8 | 528.6 | 545.4 | 562.2 | 580.9 | 599.7 | 615.5  | 630.3  |
| 157.5° | 487.1 | 493.5  | 499.9 | 514.7 | 528.6 | 541.4 | 556.2 | 573.0 | 587.8 | 601.7  | 614.5  |
| 160°   | 494.0 | 499.4  | 504.8 | 516.7 | 528.6 | 538.4 | 550.3 | 564.1 | 577.0 | 587.8  | 598.7  |
| 162.5° | 499.9 | 503.8  | 507.8 | 517.7 | 527.6 | 535.5 | 545.4 | 556.2 | 566.1 | 575.0  | 583.9  |
| 165°   | 503.9 | 506.8  | 509.8 | 518.7 | 525.6 | 531.5 | 538.4 | 547.3 | 555.2 | 562.2  | 569.1  |
| 167.5° | 507.8 | 509.8  | 511.8 | 518.7 | 524.6 | 527.6 | 532.5 | 538.4 | 544.4 | 550.3  | 555.2  |
| 170°   | 509.8 | 511.3  | 512.8 | 517.7 | 522.6 | 524.6 | 527.6 | 531.5 | 536.5 | 539.4  | 543.4  |
| 172.5° | 511.8 | 512.8  | 513.7 | 516.7 | 519.7 | 520.7 | 521.6 | 524.6 | 527.6 | 529.5  | 532.5  |
| 175°   | 512.8 | 513.2  | 513.7 | 515.7 | 517.7 | 516.7 | 517.7 | 518.7 | 521.6 | 522.6  | 523.6  |
| 177.5° | 513.7 | 513.7  | 513.7 | 514.7 | 516.7 | 514.7 | 513.7 | 514.7 | 516.7 | 516.7  | 517.7  |
| 180°   | 513.7 | 513.7  | 513.7 | 513.7 | 513.7 | 513.7 | 513.7 | 513.7 | 513.7 | 513.7  | 513.7  |

TEST NUMBER: P1008954

CATALOG NUMBER: S122DIP-B290D925UB30-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°   | 255°   | 260°   | 265°   | 270°   | 275°   | 280°   | 285°   | 290°   | 292.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 575.2  | 575.2  | 575.2  | 575.2  | 575.2  | 575.2  | 575.2  | 575.2  | 575.2  | 575.2  | 575.2  |
| 2.5°   | 548.2  | 549.5  | 546.4  | 545.5  | 546.4  | 543.3  | 544.2  | 545.1  | 545.1  | 546.4  | 547.3  |
| 5°     | 516.4  | 514.6  | 511.5  | 510.6  | 509.7  | 511.1  | 510.2  | 511.5  | 511.9  | 515.0  | 515.5  |
| 7.5°   | 485.0  | 482.3  | 479.7  | 477.0  | 476.1  | 473.9  | 476.1  | 476.1  | 479.2  | 478.4  | 480.6  |
| 10°    | 447.8  | 447.4  | 443.9  | 442.5  | 440.8  | 437.2  | 442.1  | 440.8  | 443.0  | 447.0  | 447.8  |
| 12.5°  | 420.4  | 415.6  | 417.8  | 411.6  | 413.8  | 410.3  | 410.7  | 410.7  | 414.2  | 414.7  | 413.8  |
| 15°    | 394.4  | 390.4  | 384.6  | 382.0  | 380.6  | 378.9  | 384.6  | 385.1  | 382.4  | 388.6  | 386.4  |
| 17.5°  | 367.8  | 367.8  | 362.5  | 361.2  | 357.7  | 359.4  | 358.5  | 359.0  | 358.1  | 362.5  | 364.7  |
| 20°    | 344.8  | 342.6  | 340.9  | 341.3  | 336.9  | 336.0  | 335.1  | 336.0  | 339.1  | 342.2  | 343.1  |
| 22.5°  | 326.3  | 324.9  | 320.5  | 321.4  | 317.9  | 319.2  | 318.3  | 320.5  | 321.0  | 321.0  | 324.1  |
| 25°    | 308.6  | 306.8  | 307.3  | 305.5  | 304.2  | 304.2  | 302.8  | 304.2  | 305.9  | 306.8  | 307.3  |
| 27.5°  | 295.3  | 294.0  | 291.8  | 290.5  | 291.3  | 289.1  | 290.9  | 292.2  | 292.2  | 291.3  | 292.2  |
| 30°    | 279.4  | 280.3  | 280.3  | 275.9  | 277.6  | 276.8  | 278.1  | 279.0  | 279.0  | 279.4  | 278.5  |
| 32.5°  | 268.8  | 266.1  | 265.7  | 265.3  | 265.3  | 263.5  | 263.5  | 264.8  | 265.3  | 265.7  | 267.0  |
| 35°    | 254.6  | 254.6  | 252.4  | 253.8  | 252.0  | 252.4  | 252.0  | 252.4  | 253.3  | 252.0  | 253.3  |
| 37.5°  | 241.8  | 242.3  | 241.4  | 242.3  | 242.7  | 241.8  | 240.9  | 242.7  | 241.8  | 241.8  | 240.9  |
| 40°    | 230.8  | 230.3  | 230.8  | 230.8  | 230.8  | 231.2  | 230.3  | 230.3  | 230.3  | 229.4  | 228.6  |
| 42.5°  | 221.5  | 218.8  | 219.7  | 220.2  | 218.8  | 218.8  | 219.3  | 218.8  | 220.2  | 217.5  | 217.5  |
| 45°    | 208.2  | 207.3  | 207.8  | 207.8  | 208.7  | 207.3  | 208.2  | 208.7  | 207.3  | 206.9  | 206.0  |
| 47.5°  | 196.3  | 197.2  | 196.3  | 197.2  | 197.2  | 198.1  | 196.3  | 196.7  | 197.2  | 195.4  | 194.1  |
| 50°    | 184.4  | 184.4  | 185.7  | 185.2  | 185.7  | 184.8  | 184.8  | 184.4  | 184.8  | 183.9  | 182.6  |
| 52.5°  | 173.3  | 172.0  | 174.2  | 173.7  | 173.3  | 172.9  | 172.4  | 172.9  | 172.0  | 171.1  | 171.1  |
| 55°    | 159.6  | 159.6  | 160.9  | 161.4  | 161.4  | 160.5  | 159.6  | 160.0  | 159.6  | 159.2  | 158.7  |
| 57.5°  | 148.5  | 146.8  | 147.7  | 148.1  | 148.1  | 146.8  | 147.7  | 146.8  | 146.8  | 147.2  | 145.9  |
| 60°    | 134.4  | 134.4  | 133.5  | 134.8  | 134.8  | 134.0  | 134.0  | 134.4  | 133.5  | 133.1  | 132.6  |
| 62.5°  | 119.4  | 119.8  | 121.1  | 121.6  | 122.0  | 121.1  | 120.3  | 120.7  | 120.7  | 119.4  | 119.8  |
| 65°    | 106.5  | 107.4  | 109.2  | 108.8  | 107.9  | 108.3  | 107.4  | 107.9  | 106.5  | 107.0  | 105.7  |
| 67.5°  | 94.2   | 93.7   | 94.2   | 94.2   | 95.1   | 94.6   | 93.7   | 93.7   | 93.3   | 94.6   | 93.3   |
| 70°    | 80.9   | 80.9   | 80.9   | 80.9   | 81.3   | 81.8   | 80.9   | 80.0   | 80.5   | 79.6   | 79.1   |
| 72.5°  | 67.2   | 67.6   | 67.2   | 68.1   | 66.8   | 67.6   | 67.6   | 67.2   | 66.8   | 66.8   | 66.8   |
| 75°    | 54.4   | 55.3   | 53.9   | 54.4   | 53.9   | 54.8   | 54.4   | 54.4   | 53.5   | 53.1   | 53.5   |
| 77.5°  | 41.6   | 42.0   | 41.1   | 41.6   | 41.1   | 41.6   | 41.6   | 41.1   | 41.1   | 41.1   | 41.1   |
| 80°    | 29.6   | 30.1   | 29.6   | 29.2   | 28.7   | 29.6   | 28.7   | 29.2   | 29.6   | 29.2   | 30.1   |
| 82.5°  | 19.0   | 19.0   | 18.6   | 19.0   | 18.1   | 18.1   | 18.6   | 18.6   | 18.1   | 19.0   | 18.1   |
| 85°    | 9.3    | 9.3    | 10.2   | 9.3    | 8.8    | 8.8    | 8.8    | 9.3    | 8.8    | 9.7    | 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°    | 32.1   | 32.6   | 32.6   | 32.6   | 32.6   | 32.6   | 32.6   | 32.6   | 32.6   | 32.6   | 32.1   |
| 92.5°  | 70.2   | 66.2   | 65.2   | 61.3   | 62.2   | 60.3   | 62.2   | 61.3   | 65.2   | 66.2   | 70.2   |
| 95°    | 146.2  | 135.4  | 122.5  | 114.6  | 111.6  | 112.6  | 111.6  | 114.6  | 122.5  | 135.4  | 146.2  |
| 97.5°  | 293.5  | 263.8  | 225.3  | 205.5  | 194.6  | 188.7  | 194.6  | 205.5  | 225.3  | 263.8  | 293.5  |
| 100°   | 584.4  | 524.6  | 442.6  | 400.1  | 371.5  | 353.7  | 371.5  | 400.1  | 442.6  | 524.6  | 584.4  |
| 102.5° | 988.0  | 923.7  | 832.9  | 752.8  | 715.3  | 689.6  | 715.3  | 752.8  | 832.9  | 923.7  | 988.0  |
| 105°   | 1308.6 | 1292.3 | 1231.0 | 1169.7 | 1127.3 | 1113.4 | 1127.3 | 1169.7 | 1231.0 | 1292.3 | 1308.6 |
| 107.5° | 1424.6 | 1444.4 | 1443.4 | 1434.5 | 1421.7 | 1399.0 | 1421.7 | 1434.5 | 1443.4 | 1444.4 | 1424.6 |
| 110°   | 1405.9 | 1446.4 | 1488.9 | 1507.6 | 1516.5 | 1515.5 | 1516.5 | 1507.6 | 1488.9 | 1446.4 | 1405.9 |

TEST NUMBER: P1008954

CATALOG NUMBER: S122DIP-B290D925UB30-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°   | 255°   | 260°   | 265°   | 270°   | 275°   | 280°   | 285°   | 290°   | 292.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 1342.2 | 1390.1 | 1453.3 | 1487.9 | 1506.6 | 1513.6 | 1506.6 | 1487.9 | 1453.3 | 1390.1 | 1342.2 |
| 115°   | 1264.1 | 1315.0 | 1385.1 | 1430.6 | 1456.3 | 1465.1 | 1456.3 | 1430.6 | 1385.1 | 1315.0 | 1264.1 |
| 117.5° | 1189.5 | 1237.9 | 1310.0 | 1358.4 | 1385.1 | 1392.0 | 1385.1 | 1358.4 | 1310.0 | 1237.9 | 1189.5 |
| 120°   | 1122.8 | 1167.8 | 1236.9 | 1283.4 | 1312.0 | 1321.9 | 1312.0 | 1283.4 | 1236.9 | 1167.8 | 1122.8 |
| 122.5° | 1071.0 | 1110.5 | 1170.7 | 1216.2 | 1240.9 | 1248.8 | 1240.9 | 1216.2 | 1170.7 | 1110.5 | 1071.0 |
| 125°   | 1024.0 | 1061.1 | 1118.4 | 1155.9 | 1180.6 | 1188.5 | 1180.6 | 1155.9 | 1118.4 | 1061.1 | 1024.0 |
| 127.5° | 984.0  | 1018.6 | 1069.0 | 1104.5 | 1126.3 | 1132.2 | 1126.3 | 1104.5 | 1069.0 | 1018.6 | 984.0  |
| 130°   | 943.5  | 976.1  | 1024.5 | 1058.1 | 1077.9 | 1085.8 | 1077.9 | 1058.1 | 1024.5 | 976.1  | 943.5  |
| 132.5° | 901.5  | 931.6  | 979.1  | 1012.7 | 1030.4 | 1037.4 | 1030.4 | 1012.7 | 979.1  | 931.6  | 901.5  |
| 135°   | 860.6  | 888.2  | 930.7  | 963.3  | 981.0  | 985.0  | 981.0  | 963.3  | 930.7  | 888.2  | 860.6  |
| 137.5° | 819.0  | 843.7  | 884.2  | 912.9  | 928.7  | 934.6  | 928.7  | 912.9  | 884.2  | 843.7  | 819.0  |
| 140°   | 782.4  | 804.2  | 835.8  | 861.5  | 876.3  | 882.2  | 876.3  | 861.5  | 835.8  | 804.2  | 782.4  |
| 142.5° | 747.4  | 764.7  | 794.3  | 817.0  | 829.9  | 829.9  | 829.9  | 817.0  | 794.3  | 764.7  | 747.4  |
| 145°   | 718.8  | 733.1  | 756.8  | 773.6  | 783.5  | 786.4  | 783.5  | 773.6  | 756.8  | 733.1  | 718.8  |
| 147.5° | 693.6  | 704.4  | 725.2  | 739.0  | 745.9  | 747.9  | 745.9  | 739.0  | 725.2  | 704.4  | 693.6  |
| 150°   | 671.8  | 680.7  | 695.5  | 707.4  | 713.3  | 714.3  | 713.3  | 707.4  | 695.5  | 680.7  | 671.8  |
| 152.5° | 653.5  | 660.9  | 671.8  | 681.7  | 685.6  | 685.6  | 685.6  | 681.7  | 671.8  | 660.9  | 653.5  |
| 155°   | 635.8  | 641.2  | 652.1  | 659.0  | 662.9  | 660.9  | 662.9  | 659.0  | 652.1  | 641.2  | 635.8  |
| 157.5° | 619.0  | 623.4  | 631.3  | 637.2  | 639.2  | 639.2  | 639.2  | 637.2  | 631.3  | 623.4  | 619.0  |
| 160°   | 602.2  | 605.6  | 612.5  | 617.5  | 618.5  | 618.5  | 618.5  | 617.5  | 612.5  | 605.6  | 602.2  |
| 162.5° | 586.3  | 588.8  | 595.7  | 598.7  | 599.7  | 598.7  | 599.7  | 598.7  | 595.7  | 588.8  | 586.3  |
| 165°   | 571.0  | 573.0  | 577.0  | 580.9  | 580.9  | 579.9  | 580.9  | 580.9  | 577.0  | 573.0  | 571.0  |
| 167.5° | 557.2  | 559.2  | 561.2  | 563.1  | 563.1  | 562.2  | 563.1  | 563.1  | 561.2  | 559.2  | 557.2  |
| 170°   | 544.4  | 545.4  | 546.3  | 549.3  | 548.3  | 546.3  | 548.3  | 549.3  | 546.3  | 545.4  | 544.4  |
| 172.5° | 533.0  | 533.5  | 534.5  | 535.5  | 534.5  | 533.5  | 534.5  | 535.5  | 534.5  | 533.5  | 533.0  |
| 175°   | 524.1  | 524.6  | 524.6  | 525.6  | 524.6  | 522.6  | 524.6  | 525.6  | 524.6  | 524.6  | 524.1  |
| 177.5° | 517.7  | 517.7  | 517.7  | 517.7  | 516.7  | 514.7  | 516.7  | 517.7  | 517.7  | 517.7  | 517.7  |
| 180°   | 513.7  | 513.7  | 513.7  | 513.7  | 513.7  | 513.7  | 513.7  | 513.7  | 513.7  | 513.7  | 513.7  |

TEST NUMBER: P1008954

CATALOG NUMBER: S122DIP-B290D925UB30-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 295°   | 300°   | 305°   | 310°   | 315°  | 320°  | 325°  | 330°  | 335°  | 337.5° | 340°  |
|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|--------|-------|
| 0°     | 575.2  | 575.2  | 575.2  | 575.2  | 575.2 | 575.2 | 575.2 | 575.2 | 575.2 | 575.2  | 575.2 |
| 2.5°   | 546.0  | 549.5  | 548.2  | 543.3  | 549.1 | 549.1 | 553.1 | 553.1 | 557.9 | 559.7  | 562.3 |
| 5°     | 515.0  | 517.7  | 519.9  | 517.7  | 521.7 | 527.9 | 531.4 | 534.5 | 541.1 | 543.8  | 547.8 |
| 7.5°   | 481.9  | 486.8  | 489.0  | 489.0  | 495.6 | 502.7 | 509.7 | 514.2 | 523.4 | 527.0  | 531.0 |
| 10°    | 449.6  | 455.4  | 459.8  | 459.3  | 470.4 | 474.8 | 483.7 | 493.8 | 503.1 | 508.4  | 514.2 |
| 12.5°  | 415.6  | 418.7  | 424.9  | 433.7  | 436.4 | 444.3 | 454.5 | 467.3 | 484.1 | 489.0  | 497.4 |
| 15°    | 387.3  | 395.7  | 400.5  | 404.5  | 410.7 | 418.2 | 429.3 | 441.7 | 458.5 | 469.1  | 477.9 |
| 17.5°  | 363.4  | 374.5  | 377.6  | 376.7  | 384.6 | 396.1 | 408.9 | 418.2 | 433.3 | 446.1  | 454.5 |
| 20°    | 344.0  | 348.4  | 353.7  | 355.9  | 362.1 | 374.5 | 386.8 | 397.4 | 409.8 | 420.0  | 429.7 |
| 22.5°  | 324.5  | 328.0  | 332.5  | 336.4  | 341.3 | 348.4 | 360.3 | 373.6 | 385.5 | 395.2  | 406.3 |
| 25°    | 308.6  | 310.8  | 314.8  | 317.9  | 323.2 | 328.0 | 336.4 | 351.0 | 365.2 | 370.9  | 380.6 |
| 27.5°  | 293.1  | 294.9  | 297.5  | 301.1  | 303.7 | 308.6 | 316.1 | 328.0 | 342.6 | 348.4  | 361.6 |
| 30°    | 279.4  | 280.7  | 283.4  | 285.2  | 286.5 | 292.2 | 298.0 | 307.3 | 318.3 | 326.3  | 336.0 |
| 32.5°  | 266.6  | 267.9  | 270.6  | 271.0  | 272.8 | 275.9 | 281.2 | 289.6 | 299.3 | 305.9  | 314.3 |
| 35°    | 252.4  | 253.3  | 256.0  | 256.9  | 258.2 | 260.8 | 264.8 | 271.0 | 279.8 | 284.7  | 292.2 |
| 37.5°  | 241.4  | 240.9  | 242.7  | 244.0  | 245.8 | 247.1 | 248.5 | 254.6 | 261.3 | 265.7  | 271.4 |
| 40°    | 229.4  | 228.6  | 229.0  | 230.8  | 231.7 | 233.4 | 233.4 | 239.6 | 244.0 | 247.6  | 252.0 |
| 42.5°  | 217.5  | 217.1  | 216.2  | 217.1  | 218.0 | 218.4 | 218.8 | 223.3 | 227.7 | 230.8  | 235.6 |
| 45°    | 205.6  | 205.1  | 204.2  | 204.7  | 204.7 | 205.6 | 206.9 | 208.7 | 211.8 | 214.4  | 217.1 |
| 47.5°  | 194.5  | 193.6  | 192.3  | 191.9  | 192.8 | 192.8 | 192.8 | 194.5 | 197.6 | 198.5  | 201.2 |
| 50°    | 183.0  | 181.7  | 179.9  | 179.0  | 179.0 | 178.6 | 179.5 | 179.9 | 182.6 | 183.5  | 185.7 |
| 52.5°  | 170.6  | 169.8  | 168.0  | 166.2  | 166.7 | 165.8 | 166.2 | 166.7 | 167.6 | 168.9  | 170.2 |
| 55°    | 158.3  | 156.5  | 155.2  | 154.7  | 153.4 | 153.4 | 152.1 | 153.9 | 153.4 | 153.9  | 155.6 |
| 57.5°  | 146.3  | 144.6  | 142.4  | 141.5  | 140.1 | 139.7 | 138.8 | 138.4 | 138.8 | 140.1  | 141.5 |
| 60°    | 132.2  | 131.3  | 130.0  | 128.7  | 127.8 | 126.4 | 125.6 | 125.6 | 125.1 | 125.1  | 125.6 |
| 62.5°  | 118.5  | 118.0  | 116.3  | 115.8  | 114.9 | 114.1 | 112.7 | 111.9 | 111.9 | 112.7  | 113.2 |
| 65°    | 105.2  | 104.8  | 103.5  | 103.0  | 100.8 | 99.9  | 99.5  | 99.0  | 98.1  | 98.1   | 98.1  |
| 67.5°  | 92.8   | 91.5   | 91.5   | 89.3   | 87.5  | 86.7  | 85.8  | 85.3  | 85.3  | 85.3   | 85.8  |
| 70°    | 79.1   | 79.1   | 77.8   | 76.5   | 74.7  | 75.2  | 73.8  | 72.5  | 72.5  | 71.6   | 72.1  |
| 72.5°  | 65.9   | 65.4   | 64.1   | 63.7   | 62.3  | 61.0  | 60.1  | 61.0  | 59.7  | 59.2   | 59.7  |
| 75°    | 53.1   | 52.6   | 51.7   | 50.8   | 51.3  | 50.0  | 48.6  | 48.2  | 48.2  | 47.3   | 47.3  |
| 77.5°  | 40.7   | 41.6   | 39.8   | 39.3   | 38.5  | 37.6  | 37.1  | 36.7  | 36.7  | 36.7   | 37.6  |
| 80°    | 28.3   | 28.7   | 28.7   | 27.9   | 28.3  | 27.0  | 27.0  | 27.0  | 25.6  | 26.1   | 26.5  |
| 82.5°  | 18.1   | 18.1   | 17.7   | 18.1   | 17.7  | 17.7  | 17.2  | 17.2  | 16.8  | 16.8   | 17.2  |
| 85°    | 10.2   | 9.7    | 9.3    | 10.2   | 9.7   | 9.7   | 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   | 3.5   | 3.5    | 3.5   |
| 90°    | 31.6   | 29.6   | 31.6   | 32.6   | 33.6  | 32.6  | 26.7  | 19.8  | 14.8  | 13.4   | 11.9  |
| 92.5°  | 74.1   | 85.0   | 99.8   | 127.4  | 152.1 | 150.2 | 116.6 | 79.0  | 52.4  | 47.0   | 41.5  |
| 95°    | 157.1  | 198.6  | 258.8  | 338.9  | 387.3 | 342.8 | 228.2 | 142.3 | 96.8  | 84.9   | 73.1  |
| 97.5°  | 323.1  | 422.8  | 529.5  | 636.2  | 631.3 | 488.1 | 303.3 | 183.8 | 125.5 | 112.2  | 98.8  |
| 100°   | 644.2  | 779.5  | 902.0  | 922.8  | 780.5 | 537.5 | 324.1 | 203.5 | 151.2 | 137.4  | 123.5 |
| 102.5° | 1052.2 | 1142.1 | 1146.0 | 1029.5 | 785.4 | 518.7 | 325.0 | 221.3 | 173.9 | 160.0  | 146.2 |
| 105°   | 1324.9 | 1312.0 | 1200.4 | 994.9  | 732.1 | 493.0 | 330.0 | 242.1 | 195.6 | 181.8  | 168.0 |
| 107.5° | 1404.9 | 1308.1 | 1142.1 | 921.8  | 682.7 | 479.2 | 340.8 | 262.8 | 217.4 | 203.6  | 189.7 |
| 110°   | 1365.4 | 1238.9 | 1062.1 | 853.6  | 649.1 | 475.2 | 354.7 | 283.5 | 240.1 | 225.8  | 211.4 |

TEST NUMBER: P1008954

CATALOG NUMBER: S122DIP-B290D925UB30-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 295°   | 300°   | 305°  | 310°  | 315°  | 320°  | 325°  | 330°  | 335°  | 337.5° | 340°  |
|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
| 112.5° | 1294.2 | 1156.9 | 988.9 | 806.2 | 627.4 | 476.2 | 369.5 | 303.3 | 261.8 | 247.0  | 232.2 |
| 115°   | 1213.2 | 1083.8 | 931.6 | 768.6 | 612.5 | 480.1 | 384.3 | 324.1 | 281.6 | 268.2  | 254.9 |
| 117.5° | 1141.1 | 1020.6 | 884.2 | 742.9 | 604.6 | 486.1 | 400.1 | 342.8 | 303.3 | 289.5  | 275.6 |
| 120°   | 1077.9 | 973.1  | 850.6 | 723.2 | 597.7 | 492.0 | 415.9 | 362.6 | 324.1 | 310.2  | 296.4 |
| 122.5° | 1031.4 | 933.6  | 824.0 | 706.4 | 593.8 | 498.9 | 429.8 | 381.4 | 345.8 | 331.5  | 317.1 |
| 125°   | 987.0  | 900.0  | 798.3 | 690.6 | 588.8 | 505.8 | 444.6 | 400.1 | 364.6 | 350.8  | 336.9 |
| 127.5° | 949.4  | 866.4  | 772.6 | 675.8 | 585.9 | 512.8 | 458.4 | 417.9 | 383.3 | 369.0  | 354.7 |
| 130°   | 910.9  | 832.9  | 747.9 | 660.9 | 583.9 | 520.7 | 471.3 | 433.7 | 399.1 | 385.3  | 371.5 |
| 132.5° | 871.4  | 801.2  | 724.2 | 649.1 | 582.9 | 528.6 | 484.1 | 447.5 | 414.9 | 401.1  | 387.3 |
| 135°   | 832.9  | 767.6  | 702.4 | 638.2 | 581.9 | 534.5 | 495.0 | 460.4 | 428.8 | 415.0  | 401.1 |
| 137.5° | 794.3  | 741.0  | 684.7 | 630.3 | 581.9 | 540.4 | 503.9 | 471.3 | 439.6 | 426.8  | 414.0 |
| 140°   | 760.7  | 715.3  | 667.9 | 623.4 | 580.9 | 544.4 | 510.8 | 480.1 | 450.5 | 437.6  | 424.8 |
| 142.5° | 730.1  | 692.6  | 654.0 | 616.5 | 580.9 | 547.3 | 516.7 | 487.1 | 458.4 | 446.6  | 434.7 |
| 145°   | 704.4  | 673.8  | 641.2 | 610.6 | 578.9 | 549.3 | 521.6 | 494.0 | 467.3 | 456.4  | 445.6 |
| 147.5° | 682.7  | 658.0  | 631.3 | 604.6 | 576.0 | 550.3 | 524.6 | 499.9 | 474.2 | 464.4  | 454.5 |
| 150°   | 662.9  | 642.2  | 620.4 | 596.7 | 573.0 | 549.3 | 526.6 | 503.9 | 481.1 | 472.2  | 463.4 |
| 152.5° | 646.1  | 629.3  | 609.6 | 589.8 | 568.1 | 547.3 | 527.6 | 507.8 | 488.1 | 480.2  | 472.2 |
| 155°   | 630.3  | 615.5  | 599.7 | 580.9 | 562.2 | 545.4 | 528.6 | 511.8 | 495.0 | 487.6  | 480.1 |
| 157.5° | 614.5  | 601.7  | 587.8 | 573.0 | 556.2 | 541.4 | 528.6 | 514.7 | 499.9 | 493.5  | 487.1 |
| 160°   | 598.7  | 587.8  | 577.0 | 564.1 | 550.3 | 538.4 | 528.6 | 516.7 | 504.8 | 499.4  | 494.0 |
| 162.5° | 583.9  | 575.0  | 566.1 | 556.2 | 545.4 | 535.5 | 527.6 | 517.7 | 507.8 | 503.8  | 499.9 |
| 165°   | 569.1  | 562.2  | 555.2 | 547.3 | 538.4 | 531.5 | 525.6 | 518.7 | 509.8 | 506.8  | 503.9 |
| 167.5° | 555.2  | 550.3  | 544.4 | 538.4 | 532.5 | 527.6 | 524.6 | 518.7 | 511.8 | 509.8  | 507.8 |
| 170°   | 543.4  | 539.4  | 536.5 | 531.5 | 527.6 | 524.6 | 522.6 | 517.7 | 512.8 | 511.3  | 509.8 |
| 172.5° | 532.5  | 529.5  | 527.6 | 524.6 | 521.6 | 520.7 | 519.7 | 516.7 | 513.7 | 512.8  | 511.8 |
| 175°   | 523.6  | 522.6  | 521.6 | 518.7 | 517.7 | 516.7 | 517.7 | 515.7 | 513.7 | 513.2  | 512.8 |
| 177.5° | 517.7  | 516.7  | 516.7 | 514.7 | 513.7 | 514.7 | 516.7 | 514.7 | 513.7 | 513.7  | 513.7 |
| 180°   | 513.7  | 513.7  | 513.7 | 513.7 | 513.7 | 513.7 | 513.7 | 513.7 | 513.7 | 513.7  | 513.7 |

TEST NUMBER: P1008954

CATALOG NUMBER: S122DIP-B290D925UB30-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 345°  | 350°  | 355°  | 360°  |
|--------|-------|-------|-------|-------|
| 0°     | 575.2 | 575.2 | 575.2 | 575.2 |
| 2.5°   | 564.6 | 564.6 | 571.2 | 578.3 |
| 5°     | 552.2 | 555.3 | 565.9 | 575.6 |
| 7.5°   | 540.2 | 545.5 | 558.8 | 571.2 |
| 10°    | 525.7 | 532.7 | 549.1 | 563.7 |
| 12.5°  | 511.5 | 518.1 | 537.1 | 553.5 |
| 15°    | 491.6 | 500.0 | 520.3 | 540.7 |
| 17.5°  | 471.7 | 480.1 | 504.9 | 528.7 |
| 20°    | 448.3 | 459.3 | 487.2 | 519.0 |
| 22.5°  | 426.6 | 440.3 | 471.3 | 496.9 |
| 25°    | 402.8 | 424.0 | 452.7 | 485.9 |
| 27.5°  | 381.5 | 402.8 | 431.9 | 465.5 |
| 30°    | 357.7 | 379.3 | 409.4 | 440.3 |
| 32.5°  | 334.7 | 354.6 | 383.7 | 421.8 |
| 35°    | 310.8 | 329.8 | 358.1 | 396.6 |
| 37.5°  | 289.1 | 307.7 | 338.6 | 374.0 |
| 40°    | 267.9 | 287.4 | 313.9 | 349.3 |
| 42.5°  | 248.0 | 265.3 | 289.1 | 324.5 |
| 45°    | 229.9 | 242.3 | 264.4 | 297.5 |
| 47.5°  | 210.9 | 221.9 | 242.3 | 275.4 |
| 50°    | 193.2 | 202.5 | 220.2 | 251.1 |
| 52.5°  | 176.0 | 183.9 | 200.3 | 225.0 |
| 55°    | 160.5 | 168.0 | 179.9 | 204.2 |
| 57.5°  | 144.6 | 150.3 | 161.8 | 181.3 |
| 60°    | 129.1 | 134.4 | 143.7 | 159.6 |
| 62.5°  | 113.6 | 118.0 | 126.9 | 139.7 |
| 65°    | 99.9  | 103.5 | 110.1 | 121.1 |
| 67.5°  | 86.7  | 88.9  | 94.2  | 103.0 |
| 70°    | 73.8  | 75.6  | 80.0  | 87.1  |
| 72.5°  | 60.1  | 61.9  | 66.8  | 71.6  |
| 75°    | 48.6  | 49.1  | 52.6  | 56.6  |
| 77.5°  | 38.0  | 37.6  | 40.2  | 43.3  |
| 80°    | 26.1  | 27.4  | 29.6  | 30.9  |
| 82.5°  | 17.7  | 18.1  | 19.0  | 19.9  |
| 85°    | 9.7   | 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°  | 33.6  | 28.7  | 20.7  | 14.8  |
| 95°    | 57.3  | 48.4  | 38.5  | 34.6  |
| 97.5°  | 81.0  | 68.2  | 57.3  | 51.4  |
| 100°   | 103.7 | 87.9  | 79.0  | 76.1  |
| 102.5° | 125.5 | 109.7 | 100.8 | 98.8  |
| 105°   | 146.2 | 131.4 | 124.5 | 120.5 |
| 107.5° | 168.0 | 154.1 | 147.2 | 144.2 |
| 110°   | 190.7 | 177.8 | 171.9 | 168.0 |



TEST NUMBER: P1008954

CATALOG NUMBER: S122DIP-B290D925UB30-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 345°  | 350°  | 355°  | 360°  |
|--------|-------|-------|-------|-------|
| 112.5° | 212.4 | 200.6 | 193.6 | 189.7 |
| 115°   | 235.1 | 223.3 | 217.4 | 212.4 |
| 117.5° | 256.9 | 246.0 | 240.1 | 236.1 |
| 120°   | 276.6 | 267.7 | 261.8 | 257.9 |
| 122.5° | 297.4 | 287.5 | 281.6 | 278.6 |
| 125°   | 317.1 | 305.3 | 299.4 | 296.4 |
| 127.5° | 335.9 | 323.1 | 315.2 | 311.2 |
| 130°   | 351.7 | 337.9 | 328.0 | 324.1 |
| 132.5° | 366.5 | 351.7 | 340.8 | 335.9 |
| 135°   | 378.4 | 363.6 | 351.7 | 347.8 |
| 137.5° | 391.2 | 375.4 | 363.6 | 358.6 |
| 140°   | 403.1 | 387.3 | 375.4 | 371.5 |
| 142.5° | 414.0 | 398.1 | 387.3 | 384.3 |
| 145°   | 425.8 | 411.0 | 401.1 | 397.2 |
| 147.5° | 437.7 | 423.8 | 414.0 | 411.0 |
| 150°   | 448.5 | 435.7 | 427.8 | 424.8 |
| 152.5° | 458.4 | 447.5 | 439.6 | 438.7 |
| 155°   | 469.3 | 458.4 | 452.5 | 451.5 |
| 157.5° | 478.2 | 468.3 | 463.4 | 462.4 |
| 160°   | 486.1 | 478.2 | 474.2 | 473.2 |
| 162.5° | 493.0 | 487.1 | 483.1 | 484.1 |
| 165°   | 498.9 | 493.0 | 491.0 | 492.0 |
| 167.5° | 503.9 | 499.9 | 497.9 | 498.9 |
| 170°   | 507.8 | 504.8 | 503.9 | 505.8 |
| 172.5° | 510.8 | 507.8 | 508.8 | 509.8 |
| 175°   | 512.8 | 510.8 | 511.8 | 512.8 |
| 177.5° | 513.7 | 511.8 | 512.8 | 514.7 |
| 180°   | 513.7 | 513.7 | 513.7 | 513.7 |

(END OF REPORT)