

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: P1009156

Luminaire Tested: S122DIP-B485D725UB50-4F0-XX-W2A-A

Issue Date: 5/6/2025

**Test Information**

Test Method: LM-79-2019  
Report Number: P1009156  
REPORT IS A COMBINATION OF REPORTS P984349 AND P1007351  
Test Lab: INNOVATION CENTER  
Issue Date: 5/6/2025  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: NEO-RAY  
Catalog Number: S122DIP-B485D725UB50-4F0-XX-W2A-A  
Description: Define 2 Direct/Indirect Pendant with 5000K BioUP LEDs {m-DER=1.015} {m-EER=1.115}  
Light Source: -  
Ballast/Driver: -

**Summary**

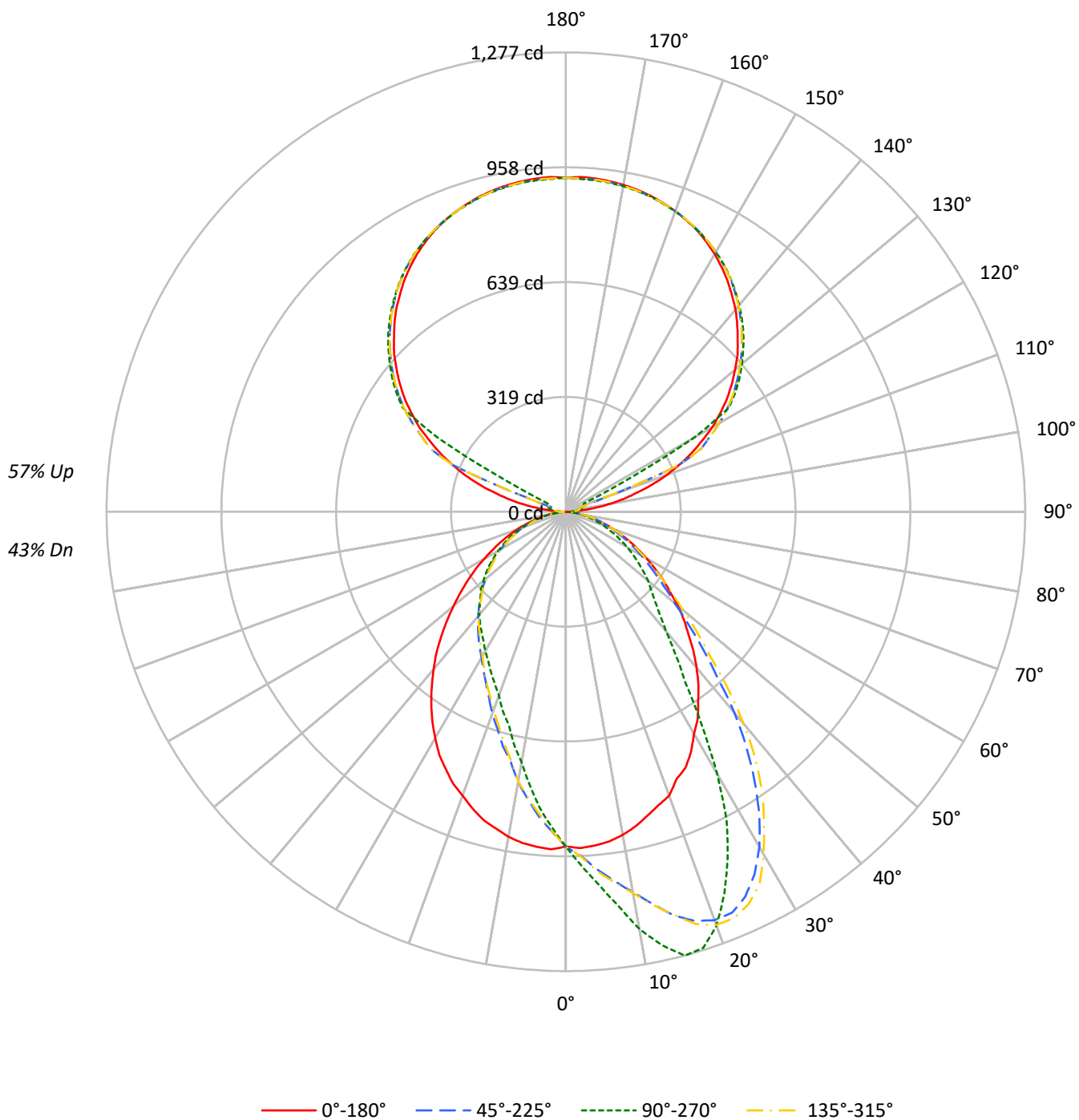
Lumens per Lamp: N/A  
Luminaire Lumens: 4776.0 lumens  
Efficiency: N/A  
Efficacy: 105.9 lumens/watt  
Spacing Criteria (0/90/45): 1.16 / 1.09 / 1.23  
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 4' x H: 0.1')  
CIE Type: General Diffuse

Input Watts (W): 45.1  
Input Voltage (V):  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT

TEST NUMBER: P1009156

CATALOG NUMBER: S122DIP-B485D725UB50-4F0-XX-W2A-A

### Luminous Intensity Polar Plot



TEST NUMBER: P1009156

CATALOG NUMBER: S122DIP-B485D725UB50-4F0-XX-W2A-A

**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   | 105 | 105 | 105 | 105 | 96 | 96 | 96 | 96 | 79 | 79 | 79 | 64 | 64 | 64 | 50 | 50 | 50 |
| 1   | 97  | 93  | 89  | 85  | 88 | 85 | 82 | 79 | 70 | 68 | 66 | 57 | 55 | 54 | 45 | 44 | 43 |
| 2   | 88  | 81  | 75  | 70  | 81 | 75 | 70 | 65 | 62 | 58 | 55 | 50 | 48 | 46 | 40 | 38 | 37 |
| 3   | 81  | 72  | 65  | 59  | 74 | 66 | 60 | 55 | 55 | 51 | 47 | 45 | 42 | 39 | 36 | 33 | 32 |
| 4   | 74  | 64  | 56  | 50  | 68 | 59 | 52 | 47 | 49 | 44 | 40 | 40 | 37 | 34 | 32 | 30 | 28 |
| 5   | 68  | 57  | 49  | 43  | 62 | 53 | 46 | 41 | 44 | 39 | 35 | 36 | 33 | 30 | 29 | 26 | 24 |
| 6   | 63  | 51  | 43  | 38  | 57 | 47 | 40 | 35 | 40 | 35 | 31 | 33 | 29 | 26 | 27 | 24 | 22 |
| 7   | 58  | 46  | 39  | 33  | 53 | 43 | 36 | 31 | 36 | 31 | 27 | 30 | 26 | 23 | 24 | 22 | 19 |
| 8   | 54  | 42  | 35  | 29  | 49 | 39 | 32 | 28 | 33 | 28 | 24 | 28 | 24 | 21 | 22 | 20 | 17 |
| 9   | 50  | 39  | 31  | 26  | 46 | 36 | 29 | 25 | 30 | 25 | 22 | 25 | 22 | 19 | 21 | 18 | 16 |
| 10  | 47  | 35  | 28  | 24  | 43 | 33 | 27 | 22 | 28 | 23 | 20 | 24 | 20 | 17 | 19 | 17 | 15 |

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

|     | 0°    | 90°   | 180°  | 270°  |
|-----|-------|-------|-------|-------|
| 0°  | 14729 | 14729 | 14729 | 14729 |
| 5°  | 14764 | 15704 | 14821 | 12495 |
| 10° | 14593 | 17145 | 14684 | 10302 |
| 15° | 14239 | 18083 | 14438 | 8678  |
| 20° | 14017 | 16980 | 14017 | 7542  |
| 25° | 13570 | 14587 | 13632 | 6745  |
| 30° | 12836 | 11467 | 13081 | 6109  |
| 35° | 12185 | 7929  | 12388 | 5590  |
| 40° | 11435 | 5986  | 11567 | 5176  |
| 45° | 10514 | 4919  | 10684 | 4727  |
| 50° | 9716  | 4319  | 9733  | 4329  |
| 55° | 8804  | 3679  | 8863  | 3893  |
| 60° | 7835  | 3074  | 7944  | 3398  |
| 65° | 6968  | 2499  | 7092  | 2902  |
| 70° | 6102  | 1962  | 6258  | 2340  |
| 75° | 5119  | 1424  | 5320  | 1698  |
| 80° | 4000  | 902   | 4279  | 1007  |
| 85° | 2627  | 454   | 2825  | 336   |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 157.5°

Vertical Angle: 45°

Luminance: 15226 cd/sqm

TEST NUMBER: P1009156

CATALOG NUMBER: S122DIP-B485D725UB50-4F0-XX-W2A-A

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 88.6   | 1.9       |
| 10°-20°   | 258.0  | 5.4       |
| 20°-30°   | 374.4  | 7.8       |
| 30°-40°   | 394.7  | 8.3       |
| 40°-50°   | 349.2  | 7.3       |
| 50°-60°   | 278.9  | 5.8       |
| 60°-70°   | 189.4  | 4.0       |
| 70°-80°   | 96.9   | 2.0       |
| 80°-90°   | 24.5   | 0.5       |
| 90°-100°  | 30.6   | 0.6       |
| 100°-110° | 114.1  | 2.4       |
| 110°-120° | 302.6  | 6.3       |
| 120°-130° | 501.9  | 10.5      |
| 130°-140° | 533.2  | 11.2      |
| 140°-150° | 495.5  | 10.4      |
| 150°-160° | 398.4  | 8.3       |
| 160°-170° | 256.7  | 5.4       |
| 170°-180° | 88.4   | 1.8       |
| 0°-30°    | 721.0  | 15.1      |
| 0°-40°    | 1115.7 | 23.4      |
| 0°-60°    | 1743.8 | 36.5      |
| 0°-90°    | 2054.6 | 43.0      |
| 90°-120°  | 447.4  | 9.4       |
| 90°-150°  | 1977.9 | 41.4      |
| 90°-180°  | 2721.0 | 57.0      |
| 0°-180°   | 4776.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°  | 90°  | 180° | 270° | 360° | Flux |
|------|-----|------|------|------|------|------|
| 0°   | 930 | 930  | 930  | 930  | 930  |      |
| 5°   | 931 | 1039 | 935  | 827  | 931  | 88   |
| 15°  | 875 | 1277 | 887  | 613  | 875  | 247  |
| 25°  | 786 | 1064 | 790  | 492  | 786  | 359  |
| 35°  | 642 | 579  | 652  | 408  | 642  | 401  |
| 45°  | 481 | 349  | 489  | 335  | 481  | 373  |
| 55°  | 330 | 245  | 333  | 260  | 330  | 295  |
| 65°  | 196 | 151  | 200  | 175  | 196  | 195  |
| 75°  | 92  | 74   | 95   | 89   | 92   | 98   |
| 85°  | 19  | 19   | 20   | 14   | 19   | 22   |
| 90°  | 1   | 18   | 1    | 18   | 1    | 4    |
| 95°  | 44  | 29   | 44   | 29   | 44   | 52   |
| 105° | 204 | 51   | 204  | 51   | 204  | 218  |
| 115° | 386 | 55   | 386  | 55   | 386  | 380  |
| 125° | 546 | 574  | 546  | 574  | 546  | 487  |
| 135° | 676 | 698  | 676  | 698  | 676  | 522  |
| 145° | 784 | 796  | 784  | 796  | 784  | 490  |
| 155° | 863 | 864  | 863  | 864  | 863  | 398  |
| 165° | 910 | 907  | 910  | 907  | 910  | 257  |
| 175° | 930 | 925  | 930  | 925  | 930  | 89   |
| 180° | 928 | 928  | 928  | 928  | 928  |      |

TEST NUMBER: P1009156

CATALOG NUMBER: S122DIP-B485D725UB50-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (FULL):**

|        | 0°    | 5°    | 10°   | 15°   | 20°    | 22.5°  | 25°    | 30°    | 35°    | 40°    | 45°    |
|--------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 930.5 | 930.5 | 930.5 | 930.5 | 930.5  | 930.5  | 930.5  | 930.5  | 930.5  | 930.5  | 930.5  |
| 2.5°   | 935.5 | 937.7 | 941.2 | 942.0 | 949.1  | 954.8  | 961.3  | 961.3  | 963.4  | 962.7  | 957.0  |
| 5°     | 931.2 | 937.7 | 947.0 | 954.8 | 967.7  | 973.4  | 982.0  | 988.4  | 994.2  | 998.5  | 997.7  |
| 7.5°   | 924.1 | 935.5 | 949.1 | 964.1 | 981.3  | 991.3  | 1003.5 | 1014.9 | 1022.8 | 1029.9 | 1034.9 |
| 10°    | 911.9 | 931.2 | 949.8 | 969.9 | 992.0  | 1005.6 | 1019.9 | 1034.9 | 1047.1 | 1060.7 | 1073.6 |
| 12.5°  | 895.5 | 923.4 | 946.3 | 972.7 | 999.9  | 1014.9 | 1037.8 | 1049.2 | 1072.8 | 1107.2 | 1116.5 |
| 15°    | 874.7 | 912.6 | 934.1 | 967.7 | 1003.5 | 1015.6 | 1047.1 | 1065.7 | 1114.3 | 1135.8 | 1161.5 |
| 17.5°  | 855.4 | 897.6 | 926.2 | 964.8 | 999.9  | 1023.5 | 1054.3 | 1092.2 | 1132.9 | 1163.7 | 1192.3 |
| 20°    | 839.7 | 880.4 | 914.8 | 957.7 | 1002.0 | 1032.1 | 1064.3 | 1110.0 | 1154.4 | 1185.9 | 1208.0 |
| 22.5°  | 803.9 | 856.1 | 896.2 | 944.1 | 997.7  | 1039.2 | 1070.0 | 1120.1 | 1168.0 | 1187.3 | 1206.6 |
| 25°    | 786.0 | 831.1 | 877.6 | 931.9 | 994.9  | 1044.2 | 1070.7 | 1126.5 | 1168.7 | 1175.8 | 1180.1 |
| 27.5°  | 753.1 | 803.9 | 858.3 | 920.5 | 994.2  | 1035.7 | 1069.3 | 1120.1 | 1153.7 | 1148.7 | 1135.8 |
| 30°    | 712.4 | 774.6 | 834.7 | 901.9 | 984.2  | 1029.2 | 1060.7 | 1107.2 | 1124.3 | 1098.6 | 1075.7 |
| 32.5°  | 682.3 | 741.0 | 807.5 | 885.5 | 972.7  | 1015.6 | 1046.4 | 1082.9 | 1086.4 | 1039.9 | 1001.3 |
| 35°    | 641.6 | 706.6 | 781.7 | 864.0 | 953.4  | 992.0  | 1020.6 | 1042.8 | 1025.6 | 960.6  | 914.8  |
| 37.5°  | 605.1 | 669.5 | 749.6 | 833.2 | 926.9  | 964.8  | 987.7  | 991.3  | 949.1  | 891.9  | 824.7  |
| 40°    | 565.0 | 631.5 | 715.2 | 803.2 | 897.6  | 930.5  | 944.8  | 934.1  | 873.3  | 806.8  | 728.8  |
| 42.5°  | 525.0 | 590.8 | 680.9 | 771.0 | 860.4  | 888.3  | 894.0  | 864.7  | 790.3  | 712.4  | 622.3  |
| 45°    | 481.4 | 550.0 | 640.1 | 731.0 | 817.5  | 833.2  | 834.0  | 791.8  | 703.8  | 622.3  | 538.6  |
| 47.5°  | 445.6 | 509.2 | 598.6 | 689.5 | 762.4  | 773.2  | 768.9  | 720.2  | 624.4  | 532.8  | 459.9  |
| 50°    | 406.3 | 467.0 | 555.7 | 645.1 | 707.4  | 710.2  | 699.5  | 630.1  | 536.4  | 452.7  | 394.8  |
| 52.5°  | 364.1 | 425.6 | 507.1 | 592.9 | 648.7  | 644.4  | 623.7  | 549.3  | 461.3  | 391.9  | 347.6  |
| 55°    | 330.4 | 384.8 | 461.3 | 545.0 | 584.3  | 572.2  | 549.3  | 473.5  | 404.1  | 345.5  | 306.8  |
| 57.5°  | 293.2 | 341.2 | 416.3 | 489.2 | 512.1  | 500.7  | 477.8  | 407.0  | 342.6  | 298.3  | 272.5  |
| 60°    | 258.2 | 301.8 | 367.6 | 428.4 | 446.3  | 434.1  | 407.7  | 344.0  | 297.5  | 260.3  | 241.0  |
| 62.5°  | 226.0 | 263.9 | 319.0 | 374.8 | 381.9  | 369.8  | 346.9  | 295.4  | 255.3  | 226.0  | 211.7  |
| 65°    | 196.0 | 231.7 | 276.1 | 318.3 | 324.7  | 311.8  | 288.2  | 251.0  | 217.4  | 198.8  | 185.2  |
| 67.5°  | 166.6 | 195.3 | 234.6 | 265.4 | 268.9  | 256.8  | 237.5  | 207.4  | 186.7  | 166.6  | 156.6  |
| 70°    | 140.9 | 162.4 | 193.1 | 218.1 | 219.6  | 208.1  | 198.1  | 170.9  | 155.2  | 140.9  | 133.0  |
| 72.5°  | 115.9 | 130.9 | 154.5 | 173.1 | 173.8  | 166.6  | 157.4  | 140.2  | 126.6  | 116.6  | 108.7  |
| 75°    | 91.5  | 104.4 | 118.7 | 135.2 | 134.5  | 128.7  | 121.6  | 110.9  | 99.4   | 93.0   | 89.4   |
| 77.5°  | 70.1  | 78.0  | 89.4  | 100.1 | 100.1  | 97.3   | 93.0   | 85.1   | 78.0   | 71.5   | 67.9   |
| 80°    | 50.1  | 55.1  | 64.4  | 67.9  | 69.4   | 68.7   | 65.1   | 59.4   | 56.5   | 51.5   | 50.1   |
| 82.5°  | 32.2  | 35.8  | 40.1  | 43.6  | 45.8   | 44.3   | 43.6   | 40.8   | 36.5   | 35.0   | 33.6   |
| 85°    | 18.6  | 20.0  | 22.2  | 24.3  | 25.0   | 24.3   | 25.7   | 23.6   | 21.5   | 21.5   | 20.7   |
| 87.5°  | 7.9   | 8.6   | 10.0  | 10.0  | 10.7   | 10.7   | 10.0   | 10.7   | 10.7   | 10.0   | 9.3    |
| 90°    | 0.7   | 2.3   | 4.0   | 5.6   | 7.3    | 8.1    | 8.7    | 9.9    | 11.0   | 12.2   | 13.4   |
| 92.5°  | 16.8  | 16.2  | 15.6  | 15.0  | 14.4   | 14.1   | 14.3   | 14.8   | 15.2   | 15.7   | 16.1   |
| 95°    | 43.7  | 38.8  | 33.8  | 28.9  | 24.0   | 21.5   | 22.0   | 23.1   | 24.1   | 25.2   | 26.2   |
| 97.5°  | 78.6  | 66.4  | 54.1  | 41.9  | 29.6   | 23.5   | 24.7   | 27.1   | 29.5   | 31.9   | 34.3   |
| 100°   | 118.9 | 98.5  | 78.0  | 57.6  | 37.1   | 26.9   | 28.2   | 30.7   | 33.2   | 35.8   | 38.3   |
| 102.5° | 163.2 | 162.9 | 162.6 | 162.3 | 162.0  | 161.9  | 148.3  | 121.1  | 94.0   | 66.8   | 39.6   |
| 105°   | 204.2 | 208.7 | 213.1 | 217.6 | 222.1  | 224.3  | 203.9  | 163.2  | 122.5  | 81.7   | 41.0   |
| 107.5° | 251.9 | 255.6 | 259.4 | 263.1 | 266.8  | 268.7  | 243.5  | 193.2  | 142.9  | 92.6   | 42.3   |
| 110°   | 297.6 | 300.7 | 303.9 | 307.0 | 310.1  | 311.7  | 290.1  | 247.0  | 203.8  | 160.7  | 117.5  |

TEST NUMBER: P1009156

CATALOG NUMBER: S122DIP-B485D725UB50-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 0°    | 5°    | 10°   | 15°   | 20°   | 22.5° | 25°   | 30°   | 35°   | 40°   | 45°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 340.5 | 343.2 | 345.9 | 348.6 | 351.3 | 352.6 | 351.3 | 348.8 | 346.3 | 343.7 | 341.2 |
| 115°   | 386.2 | 388.7 | 391.3 | 393.8 | 396.3 | 397.6 | 399.5 | 403.2 | 406.9 | 410.7 | 414.4 |
| 117.5° | 425.8 | 428.8 | 431.8 | 434.8 | 437.8 | 439.3 | 440.6 | 443.1 | 445.6 | 448.2 | 450.7 |
| 120°   | 470.2 | 472.4 | 474.7 | 476.9 | 479.2 | 480.3 | 481.6 | 484.3 | 487.0 | 489.6 | 492.3 |
| 122.5° | 507.8 | 510.2 | 512.6 | 514.9 | 517.3 | 518.5 | 520.0 | 523.0 | 526.0 | 529.0 | 532.0 |
| 125°   | 546.1 | 548.0 | 550.0 | 551.9 | 553.8 | 554.8 | 556.2 | 559.1 | 561.9 | 564.8 | 567.6 |
| 127.5° | 581.0 | 583.1 | 585.2 | 587.3 | 589.4 | 590.4 | 591.5 | 593.8 | 596.0 | 598.3 | 600.5 |
| 130°   | 613.9 | 616.3 | 618.7 | 621.1 | 623.5 | 624.7 | 625.5 | 627.2 | 628.8 | 630.5 | 632.1 |
| 132.5° | 647.5 | 649.4 | 651.4 | 653.3 | 655.2 | 656.2 | 657.0 | 658.7 | 660.3 | 662.0 | 663.6 |
| 135°   | 675.7 | 678.1 | 680.5 | 682.9 | 685.3 | 686.5 | 687.2 | 688.5 | 689.8 | 691.2 | 692.5 |
| 137.5° | 705.3 | 707.1 | 708.9 | 710.6 | 712.4 | 713.3 | 714.0 | 715.5 | 717.0 | 718.5 | 720.0 |
| 140°   | 734.2 | 735.4 | 736.6 | 737.7 | 738.9 | 739.5 | 740.3 | 742.0 | 743.6 | 745.3 | 746.9 |
| 142.5° | 758.3 | 759.3 | 760.4 | 761.4 | 762.5 | 763.0 | 764.0 | 765.9 | 767.9 | 769.8 | 771.8 |
| 145°   | 783.9 | 783.7 | 783.6 | 783.4 | 783.3 | 783.2 | 784.5 | 787.0 | 789.5 | 792.1 | 794.6 |
| 147.5° | 806.0 | 805.6 | 805.1 | 804.7 | 804.2 | 804.0 | 805.3 | 807.8 | 810.3 | 812.9 | 815.4 |
| 150°   | 827.5 | 826.5 | 825.4 | 824.4 | 823.3 | 822.8 | 824.0 | 826.4 | 828.8 | 831.2 | 833.6 |
| 152.5° | 845.7 | 844.5 | 843.3 | 842.1 | 840.9 | 840.3 | 841.4 | 843.7 | 845.9 | 848.2 | 850.4 |
| 155°   | 863.1 | 861.8 | 860.4 | 859.1 | 857.8 | 857.1 | 858.0 | 859.8 | 861.5 | 863.3 | 865.1 |
| 157.5° | 877.2 | 876.0 | 874.8 | 873.6 | 872.4 | 871.8 | 872.5 | 873.8 | 875.2 | 876.5 | 877.9 |
| 160°   | 889.3 | 888.4 | 887.5 | 886.6 | 885.7 | 885.3 | 885.7 | 886.6 | 887.5 | 888.4 | 889.3 |
| 162.5° | 900.1 | 899.2 | 898.3 | 897.4 | 896.5 | 896.0 | 896.4 | 897.1 | 897.9 | 898.6 | 899.4 |
| 165°   | 909.5 | 908.6 | 907.7 | 906.8 | 905.9 | 905.4 | 905.6 | 906.1 | 906.5 | 907.0 | 907.4 |
| 167.5° | 916.9 | 916.0 | 915.1 | 914.2 | 913.3 | 912.8 | 913.0 | 913.5 | 913.9 | 914.4 | 914.8 |
| 170°   | 922.9 | 922.0 | 921.1 | 920.2 | 919.3 | 918.9 | 919.0 | 919.3 | 919.6 | 919.9 | 920.2 |
| 172.5° | 926.9 | 926.0 | 925.1 | 924.2 | 923.3 | 922.9 | 923.0 | 923.3 | 923.6 | 923.9 | 924.2 |
| 175°   | 930.3 | 929.3 | 928.2 | 927.2 | 926.1 | 925.6 | 925.7 | 926.0 | 926.3 | 926.6 | 926.9 |
| 177.5° | 931.6 | 930.6 | 929.5 | 928.5 | 927.4 | 926.9 | 927.0 | 927.1 | 927.3 | 927.4 | 927.6 |
| 180°   | 928.3 | 928.3 | 928.3 | 928.3 | 928.3 | 928.3 | 928.3 | 928.3 | 928.3 | 928.3 | 928.3 |

TEST NUMBER: P1009156

CATALOG NUMBER: S122DIP-B485D725UB50-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 50°    | 55°    | 60°    | 65°    | 67.5°  | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 930.5  | 930.5  | 930.5  | 930.5  | 930.5  | 930.5  | 930.5  | 930.5  | 930.5  | 930.5  | 930.5  |
| 2.5°   | 967.0  | 967.7  | 969.1  | 976.3  | 979.9  | 980.6  | 977.7  | 984.2  | 986.3  | 984.2  | 982.7  |
| 5°     | 1012.8 | 1017.1 | 1025.6 | 1034.9 | 1034.2 | 1034.9 | 1039.2 | 1043.5 | 1045.0 | 1039.2 | 1041.4 |
| 7.5°   | 1052.8 | 1061.4 | 1070.7 | 1085.0 | 1085.0 | 1092.2 | 1095.0 | 1098.6 | 1107.2 | 1102.9 | 1101.5 |
| 10°    | 1098.6 | 1110.0 | 1127.2 | 1150.1 | 1150.8 | 1158.0 | 1165.1 | 1176.6 | 1180.1 | 1177.3 | 1178.7 |
| 12.5°  | 1155.8 | 1178.0 | 1179.4 | 1204.4 | 1215.9 | 1217.3 | 1228.8 | 1226.6 | 1233.8 | 1233.8 | 1245.9 |
| 15°    | 1180.8 | 1215.2 | 1234.5 | 1258.8 | 1266.0 | 1257.4 | 1266.7 | 1276.7 | 1277.4 | 1277.4 | 1276.7 |
| 17.5°  | 1225.9 | 1239.5 | 1258.8 | 1271.7 | 1274.5 | 1274.5 | 1275.3 | 1279.5 | 1276.7 | 1271.0 | 1275.3 |
| 20°    | 1235.2 | 1240.9 | 1248.1 | 1246.6 | 1248.1 | 1240.9 | 1233.8 | 1226.6 | 1227.3 | 1223.8 | 1234.5 |
| 22.5°  | 1218.0 | 1216.6 | 1200.2 | 1189.4 | 1189.4 | 1175.1 | 1161.5 | 1155.1 | 1148.7 | 1150.8 | 1154.4 |
| 25°    | 1175.1 | 1153.0 | 1132.9 | 1117.2 | 1113.6 | 1090.7 | 1072.1 | 1066.4 | 1055.7 | 1064.3 | 1065.7 |
| 27.5°  | 1106.5 | 1081.4 | 1049.2 | 1035.7 | 1017.1 | 1007.8 | 994.9  | 977.7  | 955.5  | 968.4  | 966.3  |
| 30°    | 1032.8 | 995.6  | 969.1  | 936.2  | 906.9  | 904.8  | 880.4  | 851.8  | 840.4  | 840.4  | 846.8  |
| 32.5°  | 950.5  | 901.2  | 862.6  | 816.1  | 787.5  | 775.3  | 746.0  | 717.4  | 723.8  | 702.4  | 710.2  |
| 35°    | 854.7  | 789.6  | 741.0  | 695.9  | 674.5  | 660.2  | 622.3  | 606.5  | 589.4  | 579.3  | 597.9  |
| 37.5°  | 763.2  | 688.1  | 625.8  | 576.5  | 568.6  | 542.9  | 517.1  | 507.1  | 497.1  | 501.4  | 500.7  |
| 40°    | 651.6  | 585.1  | 529.3  | 490.6  | 477.1  | 464.9  | 447.7  | 435.6  | 429.1  | 432.7  | 433.4  |
| 42.5°  | 550.7  | 494.9  | 453.5  | 426.3  | 414.8  | 406.3  | 397.7  | 387.7  | 385.5  | 385.5  | 388.4  |
| 45°    | 472.8  | 427.0  | 399.1  | 376.9  | 370.5  | 364.1  | 357.6  | 353.3  | 351.9  | 349.0  | 351.2  |
| 47.5°  | 410.5  | 374.1  | 356.9  | 340.4  | 333.3  | 331.9  | 326.1  | 324.0  | 321.1  | 320.4  | 321.1  |
| 50°    | 358.3  | 335.4  | 319.7  | 310.4  | 305.4  | 303.3  | 300.4  | 296.1  | 294.7  | 298.3  | 296.8  |
| 52.5°  | 321.9  | 300.4  | 291.8  | 282.5  | 279.7  | 276.8  | 272.5  | 273.2  | 272.5  | 271.1  | 271.1  |
| 55°    | 285.4  | 271.8  | 263.2  | 256.1  | 255.3  | 252.5  | 248.9  | 247.5  | 246.8  | 245.3  | 247.5  |
| 57.5°  | 256.1  | 245.3  | 237.5  | 231.0  | 228.2  | 228.2  | 224.6  | 221.7  | 221.7  | 221.0  | 221.7  |
| 60°    | 226.7  | 216.0  | 211.0  | 204.6  | 202.4  | 201.7  | 199.5  | 198.1  | 196.0  | 196.0  | 196.0  |
| 62.5°  | 199.5  | 191.0  | 185.2  | 179.5  | 180.2  | 176.7  | 173.8  | 172.4  | 172.4  | 173.1  | 173.1  |
| 65°    | 173.8  | 168.1  | 160.9  | 155.9  | 154.5  | 153.8  | 152.3  | 151.6  | 149.5  | 150.9  | 150.9  |
| 67.5°  | 150.2  | 142.3  | 138.0  | 135.9  | 133.7  | 133.0  | 131.6  | 130.2  | 129.5  | 128.7  | 130.2  |
| 70°    | 126.6  | 120.2  | 116.6  | 115.2  | 113.0  | 112.3  | 111.6  | 109.4  | 110.1  | 110.9  | 111.6  |
| 72.5°  | 105.1  | 99.4   | 98.7   | 94.4   | 94.4   | 94.4   | 91.5   | 93.0   | 92.3   | 90.8   | 92.3   |
| 75°    | 83.0   | 80.1   | 78.7   | 76.5   | 77.2   | 76.5   | 75.8   | 73.7   | 73.7   | 74.4   | 75.1   |
| 77.5°  | 65.8   | 62.9   | 62.2   | 60.1   | 58.6   | 60.1   | 58.6   | 57.9   | 57.9   | 58.6   | 58.6   |
| 80°    | 48.6   | 47.2   | 45.1   | 45.1   | 45.1   | 44.3   | 44.3   | 44.3   | 43.6   | 42.9   | 43.6   |
| 82.5°  | 32.2   | 32.2   | 31.5   | 30.8   | 31.5   | 30.0   | 30.8   | 30.8   | 30.8   | 30.8   | 30.8   |
| 85°    | 20.7   | 20.0   | 20.0   | 19.3   | 19.3   | 19.3   | 20.0   | 18.6   | 18.6   | 19.3   | 19.3   |
| 87.5°  | 9.3    | 9.3    | 9.3    | 10.0   | 9.3    | 9.3    | 9.3    | 10.0   | 9.3    | 9.3    | 9.3    |
| 90°    | 14.2   | 14.9   | 15.7   | 16.4   | 16.8   | 16.9   | 17.2   | 17.5   | 17.8   | 18.1   | 17.8   |
| 92.5°  | 16.4   | 16.7   | 17.0   | 17.3   | 17.5   | 17.6   | 17.7   | 17.8   | 18.0   | 18.1   | 18.0   |
| 95°    | 27.0   | 27.7   | 28.5   | 29.2   | 29.6   | 29.5   | 29.4   | 29.2   | 29.1   | 28.9   | 29.1   |
| 97.5°  | 34.7   | 35.2   | 35.6   | 36.1   | 36.3   | 36.4   | 36.5   | 36.6   | 36.8   | 36.9   | 36.8   |
| 100°   | 39.5   | 40.7   | 41.9   | 43.1   | 43.7   | 43.8   | 44.1   | 44.4   | 44.7   | 45.0   | 44.7   |
| 102.5° | 41.2   | 42.9   | 44.5   | 46.2   | 47.0   | 47.2   | 47.7   | 48.1   | 48.6   | 49.0   | 48.6   |
| 105°   | 42.6   | 44.3   | 45.9   | 47.6   | 48.4   | 48.7   | 49.3   | 49.8   | 50.4   | 51.0   | 50.4   |
| 107.5° | 43.9   | 45.6   | 47.2   | 48.9   | 49.7   | 50.0   | 50.6   | 51.2   | 51.8   | 52.4   | 51.8   |
| 110°   | 102.6  | 87.7   | 72.8   | 57.9   | 50.4   | 50.7   | 51.3   | 51.9   | 52.5   | 53.1   | 52.5   |

TEST NUMBER: P1009156

CATALOG NUMBER: S122DIP-B485D725UB50-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 50°   | 55°   | 60°   | 65°   | 67.5° | 70°   | 75°   | 80°   | 85°   | 90°   | 95°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 276.9 | 212.5 | 148.2 | 83.9  | 51.7  | 51.9  | 52.4  | 52.8  | 53.3  | 53.7  | 53.3  |
| 115°   | 345.3 | 276.2 | 207.1 | 138.0 | 103.4 | 98.0  | 87.3  | 76.6  | 65.8  | 55.1  | 65.8  |
| 117.5° | 429.4 | 408.0 | 386.7 | 365.4 | 354.7 | 335.1 | 296.0 | 256.9 | 217.8 | 178.7 | 217.8 |
| 120°   | 494.1 | 495.9 | 497.7 | 499.5 | 500.4 | 490.3 | 470.2 | 450.0 | 429.9 | 409.7 | 429.9 |
| 122.5° | 532.9 | 533.8 | 534.7 | 535.6 | 536.0 | 536.1 | 536.2 | 536.4 | 536.5 | 536.7 | 536.5 |
| 125°   | 568.6 | 569.7 | 570.7 | 571.8 | 572.3 | 572.5 | 573.0 | 573.4 | 573.9 | 574.3 | 573.9 |
| 127.5° | 602.0 | 603.5 | 605.0 | 606.5 | 607.2 | 607.3 | 607.4 | 607.6 | 607.7 | 607.9 | 607.7 |
| 130°   | 633.7 | 635.3 | 637.0 | 638.6 | 639.4 | 639.3 | 639.2 | 639.1 | 638.9 | 638.8 | 638.9 |
| 132.5° | 665.0 | 666.3 | 667.7 | 669.0 | 669.7 | 669.6 | 669.5 | 669.3 | 669.2 | 669.0 | 669.2 |
| 135°   | 694.0 | 695.5 | 697.0 | 698.5 | 699.2 | 699.1 | 698.8 | 698.5 | 698.2 | 697.9 | 698.2 |
| 137.5° | 721.5 | 723.0 | 724.5 | 726.0 | 726.8 | 726.6 | 726.1 | 725.7 | 725.2 | 724.8 | 725.2 |
| 140°   | 748.3 | 749.6 | 751.0 | 752.3 | 753.0 | 752.6 | 751.9 | 751.1 | 750.4 | 749.6 | 750.4 |
| 142.5° | 773.0 | 774.2 | 775.3 | 776.5 | 777.1 | 776.7 | 776.0 | 775.3 | 774.5 | 773.8 | 774.5 |
| 145°   | 795.6 | 796.7 | 797.7 | 798.8 | 799.3 | 798.9 | 798.2 | 797.4 | 796.7 | 795.9 | 796.7 |
| 147.5° | 816.2 | 816.9 | 817.7 | 818.4 | 818.8 | 818.5 | 817.9 | 817.3 | 816.7 | 816.1 | 816.7 |
| 150°   | 834.5 | 835.4 | 836.3 | 837.2 | 837.6 | 837.2 | 836.5 | 835.7 | 835.0 | 834.2 | 835.0 |
| 152.5° | 851.3 | 852.2 | 853.1 | 854.0 | 854.4 | 853.9 | 852.8 | 851.8 | 850.7 | 849.7 | 850.7 |
| 155°   | 866.0 | 866.9 | 867.8 | 868.7 | 869.2 | 868.6 | 867.4 | 866.2 | 865.0 | 863.8 | 865.0 |
| 157.5° | 878.9 | 880.0 | 881.0 | 882.1 | 882.6 | 882.0 | 880.8 | 879.6 | 878.4 | 877.2 | 878.4 |
| 160°   | 890.2 | 891.1 | 892.0 | 892.9 | 893.3 | 892.8 | 891.7 | 890.7 | 889.6 | 888.6 | 889.6 |
| 162.5° | 900.4 | 901.5 | 902.5 | 903.6 | 904.1 | 903.4 | 902.1 | 900.7 | 899.4 | 898.0 | 899.4 |
| 165°   | 908.5 | 909.5 | 910.6 | 911.7 | 912.2 | 911.7 | 910.6 | 909.5 | 908.5 | 907.4 | 908.5 |
| 167.5° | 915.8 | 916.9 | 917.9 | 919.0 | 919.5 | 918.8 | 917.5 | 916.2 | 914.8 | 913.5 | 914.8 |
| 170°   | 921.2 | 922.3 | 923.3 | 924.4 | 924.9 | 924.2 | 922.9 | 921.6 | 920.2 | 918.9 | 920.2 |
| 172.5° | 925.2 | 926.3 | 927.3 | 928.4 | 928.9 | 928.2 | 926.9 | 925.6 | 924.2 | 922.9 | 924.2 |
| 175°   | 927.9 | 929.0 | 930.0 | 931.1 | 931.6 | 930.9 | 929.4 | 927.9 | 926.4 | 924.9 | 926.4 |
| 177.5° | 928.6 | 929.7 | 930.7 | 931.8 | 932.3 | 931.6 | 930.3 | 929.0 | 927.6 | 926.3 | 927.6 |
| 180°   | 928.3 | 928.3 | 928.3 | 928.3 | 928.3 | 928.3 | 928.3 | 928.3 | 928.3 | 928.3 | 928.3 |

TEST NUMBER: P1009156

CATALOG NUMBER: S122DIP-B485D725UB50-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 100°   | 105°   | 110°   | 112.5° | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 930.5  | 930.5  | 930.5  | 930.5  | 930.5  | 930.5  | 930.5  | 930.5  | 930.5  | 930.5  | 930.5  |
| 2.5°   | 986.3  | 981.3  | 977.0  | 977.7  | 981.3  | 978.4  | 971.3  | 962.0  | 958.4  | 954.1  | 958.4  |
| 5°     | 1045.7 | 1041.4 | 1032.8 | 1033.5 | 1031.4 | 1028.5 | 1017.1 | 1002.8 | 1002.8 | 991.3  | 989.9  |
| 7.5°   | 1104.3 | 1097.9 | 1092.2 | 1090.7 | 1082.9 | 1077.1 | 1067.1 | 1047.1 | 1039.2 | 1025.6 | 1017.8 |
| 10°    | 1170.1 | 1165.1 | 1158.7 | 1150.8 | 1146.5 | 1136.5 | 1120.1 | 1090.7 | 1076.4 | 1057.8 | 1044.2 |
| 12.5°  | 1236.6 | 1235.9 | 1221.6 | 1205.9 | 1205.2 | 1189.4 | 1178.0 | 1138.6 | 1119.3 | 1094.3 | 1062.1 |
| 15°    | 1278.8 | 1275.3 | 1267.4 | 1259.5 | 1261.7 | 1244.5 | 1218.8 | 1172.3 | 1159.4 | 1129.3 | 1095.0 |
| 17.5°  | 1278.1 | 1278.1 | 1276.0 | 1274.5 | 1272.4 | 1267.4 | 1253.1 | 1222.3 | 1201.6 | 1163.7 | 1131.5 |
| 20°    | 1237.3 | 1246.6 | 1248.8 | 1248.1 | 1255.2 | 1258.8 | 1258.1 | 1238.8 | 1222.3 | 1188.7 | 1155.8 |
| 22.5°  | 1155.8 | 1177.3 | 1186.6 | 1192.3 | 1207.3 | 1215.2 | 1233.8 | 1226.6 | 1222.3 | 1197.3 | 1169.4 |
| 25°    | 1080.0 | 1087.2 | 1115.0 | 1116.5 | 1137.2 | 1156.5 | 1175.1 | 1187.3 | 1203.0 | 1193.7 | 1170.1 |
| 27.5°  | 982.0  | 998.5  | 1018.5 | 1033.5 | 1037.8 | 1077.1 | 1107.9 | 1130.8 | 1166.5 | 1169.4 | 1161.5 |
| 30°    | 871.2  | 879.0  | 911.9  | 931.9  | 954.8  | 983.4  | 1027.8 | 1067.1 | 1099.3 | 1128.6 | 1138.6 |
| 32.5°  | 736.0  | 768.2  | 787.5  | 811.8  | 831.8  | 882.6  | 937.0  | 987.7  | 1024.9 | 1074.3 | 1095.7 |
| 35°    | 612.2  | 637.3  | 670.2  | 680.2  | 716.7  | 759.6  | 830.4  | 895.5  | 952.0  | 1002.0 | 1045.7 |
| 37.5°  | 510.0  | 530.0  | 565.0  | 580.8  | 602.2  | 657.3  | 716.7  | 797.5  | 865.4  | 926.9  | 981.3  |
| 40°    | 439.9  | 454.9  | 481.4  | 486.4  | 504.2  | 554.3  | 602.2  | 678.0  | 768.2  | 851.1  | 910.5  |
| 42.5°  | 391.9  | 399.1  | 417.0  | 423.4  | 434.9  | 468.5  | 511.4  | 582.9  | 666.6  | 752.4  | 836.1  |
| 45°    | 357.6  | 362.6  | 373.4  | 379.1  | 393.4  | 408.4  | 443.4  | 500.7  | 566.5  | 653.0  | 743.1  |
| 47.5°  | 326.9  | 333.3  | 337.6  | 341.2  | 349.0  | 365.5  | 388.4  | 430.6  | 493.5  | 572.9  | 660.2  |
| 50°    | 301.1  | 303.3  | 311.1  | 311.8  | 316.8  | 327.6  | 349.0  | 374.8  | 424.8  | 489.2  | 573.6  |
| 52.5°  | 275.4  | 277.5  | 282.5  | 287.5  | 289.7  | 298.3  | 312.6  | 334.0  | 371.2  | 422.0  | 497.1  |
| 55°    | 249.6  | 252.5  | 257.5  | 261.1  | 263.2  | 270.4  | 278.9  | 299.7  | 329.0  | 364.8  | 426.3  |
| 57.5°  | 223.9  | 230.3  | 231.7  | 233.9  | 237.5  | 245.3  | 253.2  | 265.4  | 288.2  | 321.1  | 366.2  |
| 60°    | 199.5  | 201.7  | 206.7  | 208.8  | 212.4  | 216.7  | 226.7  | 236.0  | 252.5  | 278.2  | 319.0  |
| 62.5°  | 174.5  | 179.5  | 181.7  | 183.8  | 186.7  | 191.7  | 198.1  | 208.1  | 222.4  | 243.2  | 275.4  |
| 65°    | 153.1  | 153.8  | 158.1  | 160.9  | 163.8  | 167.4  | 173.8  | 183.1  | 191.7  | 211.0  | 234.6  |
| 67.5°  | 132.3  | 133.7  | 135.2  | 138.0  | 141.6  | 145.2  | 150.9  | 155.9  | 166.6  | 179.5  | 198.1  |
| 70°    | 112.3  | 112.3  | 115.9  | 118.0  | 117.3  | 121.6  | 125.9  | 131.6  | 139.5  | 151.6  | 166.6  |
| 72.5°  | 94.4   | 93.7   | 96.6   | 97.3   | 98.7   | 101.6  | 104.4  | 110.1  | 114.4  | 123.7  | 135.2  |
| 75°    | 75.1   | 76.5   | 78.0   | 78.0   | 80.1   | 82.3   | 85.1   | 88.0   | 93.0   | 98.7   | 107.3  |
| 77.5°  | 59.4   | 59.4   | 60.8   | 61.5   | 63.7   | 62.9   | 65.8   | 68.7   | 72.2   | 77.2   | 83.7   |
| 80°    | 43.6   | 45.1   | 45.1   | 45.1   | 45.8   | 46.5   | 49.4   | 51.5   | 53.6   | 57.2   | 60.1   |
| 82.5°  | 30.8   | 30.8   | 32.2   | 32.2   | 32.2   | 33.6   | 33.6   | 34.3   | 35.8   | 37.9   | 40.1   |
| 85°    | 19.3   | 19.3   | 19.3   | 20.0   | 19.3   | 20.0   | 21.5   | 20.7   | 21.5   | 22.9   | 22.9   |
| 87.5°  | 9.3    | 9.3    | 9.3    | 9.3    | 9.3    | 10.0   | 9.3    | 10.0   | 10.7   | 10.7   | 10.7   |
| 90°    | 17.5   | 17.2   | 16.9   | 16.8   | 16.4   | 15.7   | 14.9   | 14.2   | 13.4   | 12.2   | 11.0   |
| 92.5°  | 17.8   | 17.7   | 17.6   | 17.5   | 17.3   | 17.0   | 16.7   | 16.4   | 16.1   | 15.7   | 15.2   |
| 95°    | 29.2   | 29.4   | 29.5   | 29.6   | 29.2   | 28.5   | 27.7   | 27.0   | 26.2   | 25.2   | 24.1   |
| 97.5°  | 36.6   | 36.5   | 36.4   | 36.3   | 36.1   | 35.6   | 35.2   | 34.7   | 34.3   | 31.9   | 29.5   |
| 100°   | 44.4   | 44.1   | 43.8   | 43.7   | 43.1   | 41.9   | 40.7   | 39.5   | 38.3   | 35.8   | 33.2   |
| 102.5° | 48.1   | 47.7   | 47.2   | 47.0   | 46.2   | 44.5   | 42.9   | 41.2   | 39.6   | 66.8   | 94.0   |
| 105°   | 49.8   | 49.3   | 48.7   | 48.4   | 47.6   | 45.9   | 44.3   | 42.6   | 41.0   | 81.7   | 122.5  |
| 107.5° | 51.2   | 50.6   | 50.0   | 49.7   | 48.9   | 47.2   | 45.6   | 43.9   | 42.3   | 92.6   | 142.9  |
| 110°   | 51.9   | 51.3   | 50.7   | 50.4   | 57.9   | 72.8   | 87.7   | 102.6  | 117.5  | 160.7  | 203.8  |

TEST NUMBER: P1009156

CATALOG NUMBER: S122DIP-B485D725UB50-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 100°  | 105°  | 110°  | 112.5° | 115°  | 120°  | 125°  | 130°  | 135°  | 140°  | 145°  |
|--------|-------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 52.8  | 52.4  | 51.9  | 51.7   | 83.9  | 148.2 | 212.5 | 276.9 | 341.2 | 343.7 | 346.3 |
| 115°   | 76.6  | 87.3  | 98.0  | 103.4  | 138.0 | 207.1 | 276.2 | 345.3 | 414.4 | 410.7 | 406.9 |
| 117.5° | 256.9 | 296.0 | 335.1 | 354.7  | 365.4 | 386.7 | 408.0 | 429.4 | 450.7 | 448.2 | 445.6 |
| 120°   | 450.0 | 470.2 | 490.3 | 500.4  | 499.5 | 497.7 | 495.9 | 494.1 | 492.3 | 489.6 | 487.0 |
| 122.5° | 536.4 | 536.2 | 536.1 | 536.0  | 535.6 | 534.7 | 533.8 | 532.9 | 532.0 | 529.0 | 526.0 |
| 125°   | 573.4 | 573.0 | 572.5 | 572.3  | 571.8 | 570.7 | 569.7 | 568.6 | 567.6 | 564.8 | 561.9 |
| 127.5° | 607.6 | 607.4 | 607.3 | 607.2  | 606.5 | 605.0 | 603.5 | 602.0 | 600.5 | 598.3 | 596.0 |
| 130°   | 639.1 | 639.2 | 639.3 | 639.4  | 638.6 | 637.0 | 635.3 | 633.7 | 632.1 | 630.5 | 628.8 |
| 132.5° | 669.3 | 669.5 | 669.6 | 669.7  | 669.0 | 667.7 | 666.3 | 665.0 | 663.6 | 662.0 | 660.3 |
| 135°   | 698.5 | 698.8 | 699.1 | 699.2  | 698.5 | 697.0 | 695.5 | 694.0 | 692.5 | 691.2 | 689.8 |
| 137.5° | 725.7 | 726.1 | 726.6 | 726.8  | 726.0 | 724.5 | 723.0 | 721.5 | 720.0 | 718.5 | 717.0 |
| 140°   | 751.1 | 751.9 | 752.6 | 753.0  | 752.3 | 751.0 | 749.6 | 748.3 | 746.9 | 745.3 | 743.6 |
| 142.5° | 775.3 | 776.0 | 776.7 | 777.1  | 776.5 | 775.3 | 774.2 | 773.0 | 771.8 | 769.8 | 767.9 |
| 145°   | 797.4 | 798.2 | 798.9 | 799.3  | 798.8 | 797.7 | 796.7 | 795.6 | 794.6 | 792.1 | 789.5 |
| 147.5° | 817.3 | 817.9 | 818.5 | 818.8  | 818.4 | 817.7 | 816.9 | 816.2 | 815.4 | 812.9 | 810.3 |
| 150°   | 835.7 | 836.5 | 837.2 | 837.6  | 837.2 | 836.3 | 835.4 | 834.5 | 833.6 | 831.2 | 828.8 |
| 152.5° | 851.8 | 852.8 | 853.9 | 854.4  | 854.0 | 853.1 | 852.2 | 851.3 | 850.4 | 848.2 | 845.9 |
| 155°   | 866.2 | 867.4 | 868.6 | 869.2  | 868.7 | 867.8 | 866.9 | 866.0 | 865.1 | 863.3 | 861.5 |
| 157.5° | 879.6 | 880.8 | 882.0 | 882.6  | 882.1 | 881.0 | 880.0 | 878.9 | 877.9 | 876.5 | 875.2 |
| 160°   | 890.7 | 891.7 | 892.8 | 893.3  | 892.9 | 892.0 | 891.1 | 890.2 | 889.3 | 888.4 | 887.5 |
| 162.5° | 900.7 | 902.1 | 903.4 | 904.1  | 903.6 | 902.5 | 901.5 | 900.4 | 899.4 | 898.6 | 897.9 |
| 165°   | 909.5 | 910.6 | 911.7 | 912.2  | 911.7 | 910.6 | 909.5 | 908.5 | 907.4 | 907.0 | 906.5 |
| 167.5° | 916.2 | 917.5 | 918.8 | 919.5  | 919.0 | 917.9 | 916.9 | 915.8 | 914.8 | 914.4 | 913.9 |
| 170°   | 921.6 | 922.9 | 924.2 | 924.9  | 924.4 | 923.3 | 922.3 | 921.2 | 920.2 | 919.9 | 919.6 |
| 172.5° | 925.6 | 926.9 | 928.2 | 928.9  | 928.4 | 927.3 | 926.3 | 925.2 | 924.2 | 923.9 | 923.6 |
| 175°   | 927.9 | 929.4 | 930.9 | 931.6  | 931.1 | 930.0 | 929.0 | 927.9 | 926.9 | 926.6 | 926.3 |
| 177.5° | 929.0 | 930.3 | 931.6 | 932.3  | 931.8 | 930.7 | 929.7 | 928.6 | 927.6 | 927.4 | 927.3 |
| 180°   | 928.3 | 928.3 | 928.3 | 928.3  | 928.3 | 928.3 | 928.3 | 928.3 | 928.3 | 928.3 | 928.3 |

TEST NUMBER: P1009156

CATALOG NUMBER: S122DIP-B485D725UB50-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 150°   | 155°   | 157.5° | 160°   | 165°  | 170°  | 175°  | 180°  | 185°  | 190°  | 195°  |
|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 930.5  | 930.5  | 930.5  | 930.5  | 930.5 | 930.5 | 930.5 | 930.5 | 930.5 | 930.5 | 930.5 |
| 2.5°   | 954.8  | 951.3  | 949.1  | 950.5  | 946.3 | 935.5 | 935.5 | 939.1 | 934.8 | 930.5 | 924.1 |
| 5°     | 981.3  | 974.1  | 969.9  | 969.1  | 959.1 | 942.0 | 938.4 | 934.8 | 925.5 | 915.5 | 904.8 |
| 7.5°   | 1007.0 | 994.2  | 987.0  | 982.0  | 967.7 | 945.5 | 936.2 | 928.4 | 913.3 | 898.3 | 884.7 |
| 10°    | 1028.5 | 1009.9 | 1001.3 | 993.5  | 974.9 | 947.0 | 931.9 | 917.6 | 898.3 | 879.0 | 861.9 |
| 12.5°  | 1045.7 | 1024.2 | 1013.5 | 1002.0 | 979.2 | 942.7 | 924.1 | 901.2 | 881.9 | 856.1 | 839.0 |
| 15°    | 1074.3 | 1029.9 | 1019.9 | 1009.2 | 985.6 | 935.5 | 912.6 | 886.9 | 860.4 | 826.1 | 807.5 |
| 17.5°  | 1097.2 | 1037.8 | 1037.1 | 1014.2 | 983.4 | 932.7 | 897.6 | 864.0 | 835.4 | 801.1 | 771.7 |
| 20°    | 1110.8 | 1050.0 | 1038.5 | 1014.9 | 976.3 | 913.3 | 876.9 | 839.7 | 808.9 | 767.4 | 738.1 |
| 22.5°  | 1122.2 | 1067.1 | 1037.1 | 1008.5 | 961.3 | 906.9 | 853.3 | 818.2 | 776.0 | 731.0 | 703.1 |
| 25°    | 1126.5 | 1070.7 | 1039.2 | 1006.3 | 950.5 | 888.3 | 827.5 | 789.6 | 742.4 | 701.6 | 663.7 |
| 27.5°  | 1127.2 | 1070.0 | 1031.4 | 997.0  | 935.5 | 864.0 | 801.8 | 761.7 | 709.5 | 662.3 | 624.4 |
| 30°    | 1120.1 | 1062.1 | 1027.1 | 989.9  | 921.2 | 841.8 | 770.3 | 726.0 | 670.2 | 623.0 | 583.6 |
| 32.5°  | 1098.6 | 1046.4 | 1017.8 | 977.0  | 902.6 | 811.1 | 740.3 | 690.9 | 632.3 | 585.8 | 547.9 |
| 35°    | 1062.8 | 1027.1 | 995.6  | 957.7  | 878.3 | 782.5 | 710.2 | 652.3 | 592.9 | 548.6 | 512.8 |
| 37.5°  | 1018.5 | 999.2  | 969.9  | 932.7  | 850.4 | 756.7 | 676.6 | 612.2 | 552.9 | 510.0 | 474.9 |
| 40°    | 958.4  | 963.4  | 934.8  | 901.2  | 817.5 | 721.7 | 633.0 | 571.5 | 515.7 | 475.6 | 441.3 |
| 42.5°  | 893.3  | 914.1  | 897.6  | 865.4  | 781.0 | 683.0 | 600.8 | 532.8 | 478.5 | 437.0 | 408.4 |
| 45°    | 823.2  | 859.0  | 849.0  | 825.4  | 743.1 | 642.3 | 555.0 | 489.2 | 441.3 | 401.2 | 376.2 |
| 47.5°  | 746.7  | 797.5  | 797.5  | 780.3  | 700.9 | 601.5 | 515.7 | 448.4 | 401.2 | 372.6 | 348.3 |
| 50°    | 668.7  | 726.0  | 735.3  | 723.8  | 653.7 | 555.0 | 467.8 | 407.0 | 366.2 | 338.3 | 320.4 |
| 52.5°  | 587.2  | 653.7  | 670.9  | 665.2  | 603.7 | 510.7 | 428.4 | 369.1 | 331.9 | 307.5 | 291.8 |
| 55°    | 509.2  | 586.5  | 605.1  | 607.2  | 550.0 | 462.0 | 384.8 | 332.6 | 296.8 | 280.4 | 266.8 |
| 57.5°  | 435.6  | 510.0  | 530.7  | 534.3  | 495.7 | 417.7 | 344.0 | 298.3 | 266.1 | 252.5 | 241.7 |
| 60°    | 372.6  | 434.9  | 462.0  | 469.9  | 436.3 | 366.2 | 306.1 | 261.8 | 237.5 | 224.6 | 214.6 |
| 62.5°  | 321.1  | 371.2  | 399.8  | 402.0  | 386.9 | 321.1 | 266.8 | 229.6 | 208.8 | 197.4 | 192.4 |
| 65°    | 271.1  | 316.1  | 333.3  | 341.9  | 329.7 | 278.2 | 230.3 | 199.5 | 183.1 | 173.1 | 168.1 |
| 67.5°  | 231.0  | 259.6  | 273.9  | 285.4  | 273.2 | 234.6 | 196.0 | 170.9 | 158.8 | 148.8 | 145.9 |
| 70°    | 189.5  | 213.1  | 223.9  | 235.3  | 224.6 | 195.3 | 167.4 | 144.5 | 133.7 | 125.9 | 122.3 |
| 72.5°  | 151.6  | 170.2  | 180.2  | 187.4  | 181.0 | 156.6 | 133.7 | 118.0 | 110.1 | 104.4 | 102.3 |
| 75°    | 120.2  | 133.0  | 138.8  | 143.8  | 140.9 | 122.3 | 108.0 | 95.1  | 88.0  | 83.0  | 81.5  |
| 77.5°  | 91.5   | 100.8  | 107.3  | 108.7  | 105.1 | 93.0  | 80.8  | 73.0  | 67.2  | 64.4  | 62.9  |
| 80°    | 65.1   | 70.8   | 74.4   | 76.5   | 73.0  | 67.9  | 59.4  | 53.6  | 48.6  | 45.1  | 44.3  |
| 82.5°  | 43.6   | 46.5   | 49.4   | 48.6   | 47.2  | 42.9  | 37.9  | 35.0  | 32.9  | 30.0  | 30.0  |
| 85°    | 25.0   | 25.7   | 27.2   | 27.9   | 27.2  | 24.3  | 21.5  | 20.0  | 18.6  | 16.5  | 16.5  |
| 87.5°  | 10.7   | 11.4   | 11.4   | 12.2   | 10.7  | 10.7  | 9.3   | 7.9   | 7.9   | 7.2   | 6.4   |
| 90°    | 9.9    | 8.7    | 8.1    | 7.3    | 5.6   | 4.0   | 2.3   | 0.7   | 2.3   | 4.0   | 5.6   |
| 92.5°  | 14.8   | 14.3   | 14.1   | 14.4   | 15.0  | 15.6  | 16.2  | 16.8  | 16.2  | 15.6  | 15.0  |
| 95°    | 23.1   | 22.0   | 21.5   | 24.0   | 28.9  | 33.8  | 38.8  | 43.7  | 38.8  | 33.8  | 28.9  |
| 97.5°  | 27.1   | 24.7   | 23.5   | 29.6   | 41.9  | 54.1  | 66.4  | 78.6  | 66.4  | 54.1  | 41.9  |
| 100°   | 30.7   | 28.2   | 26.9   | 37.1   | 57.6  | 78.0  | 98.5  | 118.9 | 98.5  | 78.0  | 57.6  |
| 102.5° | 121.1  | 148.3  | 161.9  | 162.0  | 162.3 | 162.6 | 162.9 | 163.2 | 162.9 | 162.6 | 162.3 |
| 105°   | 163.2  | 203.9  | 224.3  | 222.1  | 217.6 | 213.1 | 208.7 | 204.2 | 208.7 | 213.1 | 217.6 |
| 107.5° | 193.2  | 243.5  | 268.7  | 266.8  | 263.1 | 259.4 | 255.6 | 251.9 | 255.6 | 259.4 | 263.1 |
| 110°   | 247.0  | 290.1  | 311.7  | 310.1  | 307.0 | 303.9 | 300.7 | 297.6 | 300.7 | 303.9 | 307.0 |

TEST NUMBER: P1009156

CATALOG NUMBER: S122DIP-B485D725UB50-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 150°  | 155°  | 157.5° | 160°  | 165°  | 170°  | 175°  | 180°  | 185°  | 190°  | 195°  |
|--------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 348.8 | 351.3 | 352.6  | 351.3 | 348.6 | 345.9 | 343.2 | 340.5 | 343.2 | 345.9 | 348.6 |
| 115°   | 403.2 | 399.5 | 397.6  | 396.3 | 393.8 | 391.3 | 388.7 | 386.2 | 388.7 | 391.3 | 393.8 |
| 117.5° | 443.1 | 440.6 | 439.3  | 437.8 | 434.8 | 431.8 | 428.8 | 425.8 | 428.8 | 431.8 | 434.8 |
| 120°   | 484.3 | 481.6 | 480.3  | 479.2 | 476.9 | 474.7 | 472.4 | 470.2 | 472.4 | 474.7 | 476.9 |
| 122.5° | 523.0 | 520.0 | 518.5  | 517.3 | 514.9 | 512.6 | 510.2 | 507.8 | 510.2 | 512.6 | 514.9 |
| 125°   | 559.1 | 556.2 | 554.8  | 553.8 | 551.9 | 550.0 | 548.0 | 546.1 | 548.0 | 550.0 | 551.9 |
| 127.5° | 593.8 | 591.5 | 590.4  | 589.4 | 587.3 | 585.2 | 583.1 | 581.0 | 583.1 | 585.2 | 587.3 |
| 130°   | 627.2 | 625.5 | 624.7  | 623.5 | 621.1 | 618.7 | 616.3 | 613.9 | 616.3 | 618.7 | 621.1 |
| 132.5° | 658.7 | 657.0 | 656.2  | 655.2 | 653.3 | 651.4 | 649.4 | 647.5 | 649.4 | 651.4 | 653.3 |
| 135°   | 688.5 | 687.2 | 686.5  | 685.3 | 682.9 | 680.5 | 678.1 | 675.7 | 678.1 | 680.5 | 682.9 |
| 137.5° | 715.5 | 714.0 | 713.3  | 712.4 | 710.6 | 708.9 | 707.1 | 705.3 | 707.1 | 708.9 | 710.6 |
| 140°   | 742.0 | 740.3 | 739.5  | 738.9 | 737.7 | 736.6 | 735.4 | 734.2 | 735.4 | 736.6 | 737.7 |
| 142.5° | 765.9 | 764.0 | 763.0  | 762.5 | 761.4 | 760.4 | 759.3 | 758.3 | 759.3 | 760.4 | 761.4 |
| 145°   | 787.0 | 784.5 | 783.2  | 783.3 | 783.4 | 783.6 | 783.7 | 783.9 | 783.7 | 783.6 | 783.4 |
| 147.5° | 807.8 | 805.3 | 804.0  | 804.2 | 804.7 | 805.1 | 805.6 | 806.0 | 805.6 | 805.1 | 804.7 |
| 150°   | 826.4 | 824.0 | 822.8  | 823.3 | 824.4 | 825.4 | 826.5 | 827.5 | 826.5 | 825.4 | 824.4 |
| 152.5° | 843.7 | 841.4 | 840.3  | 840.9 | 842.1 | 843.3 | 844.5 | 845.7 | 844.5 | 843.3 | 842.1 |
| 155°   | 859.8 | 858.0 | 857.1  | 857.8 | 859.1 | 860.4 | 861.8 | 863.1 | 861.8 | 860.4 | 859.1 |
| 157.5° | 873.8 | 872.5 | 871.8  | 872.4 | 873.6 | 874.8 | 876.0 | 877.2 | 876.0 | 874.8 | 873.6 |
| 160°   | 886.6 | 885.7 | 885.3  | 885.7 | 886.6 | 887.5 | 888.4 | 889.3 | 888.4 | 887.5 | 886.6 |
| 162.5° | 897.1 | 896.4 | 896.0  | 896.5 | 897.4 | 898.3 | 899.2 | 900.1 | 899.2 | 898.3 | 897.4 |
| 165°   | 906.1 | 905.6 | 905.4  | 905.9 | 906.8 | 907.7 | 908.6 | 909.5 | 908.6 | 907.7 | 906.8 |
| 167.5° | 913.5 | 913.0 | 912.8  | 913.3 | 914.2 | 915.1 | 916.0 | 916.9 | 916.0 | 915.1 | 914.2 |
| 170°   | 919.3 | 919.0 | 918.9  | 919.3 | 920.2 | 921.1 | 922.0 | 922.9 | 922.0 | 921.1 | 920.2 |
| 172.5° | 923.3 | 923.0 | 922.9  | 923.3 | 924.2 | 925.1 | 926.0 | 926.9 | 926.0 | 925.1 | 924.2 |
| 175°   | 926.0 | 925.7 | 925.6  | 926.1 | 927.2 | 928.2 | 929.3 | 930.3 | 929.3 | 928.2 | 927.2 |
| 177.5° | 927.1 | 927.0 | 926.9  | 927.4 | 928.5 | 929.5 | 930.6 | 931.6 | 930.6 | 929.5 | 928.5 |
| 180°   | 928.3 | 928.3 | 928.3  | 928.3 | 928.3 | 928.3 | 928.3 | 928.3 | 928.3 | 928.3 | 928.3 |

TEST NUMBER: P1009156

CATALOG NUMBER: S122DIP-B485D725UB50-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 200°  | 202.5° | 205°  | 210°  | 215°  | 220°  | 225°  | 230°  | 235°  | 240°  | 245°  |
|--------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 930.5 | 930.5  | 930.5 | 930.5 | 930.5 | 930.5 | 930.5 | 930.5 | 930.5 | 930.5 | 930.5 |
| 2.5°   | 920.5 | 924.1  | 923.4 | 916.2 | 908.3 | 901.9 | 889.7 | 891.2 | 886.9 | 887.6 | 891.9 |
| 5°     | 897.6 | 897.6  | 894.8 | 884.7 | 871.9 | 864.7 | 851.1 | 847.5 | 839.0 | 838.3 | 837.5 |
| 7.5°   | 873.3 | 869.7  | 866.1 | 851.8 | 836.1 | 824.7 | 806.1 | 801.8 | 793.2 | 787.5 | 784.6 |
| 10°    | 844.7 | 839.7  | 832.5 | 816.1 | 796.8 | 782.5 | 763.2 | 757.4 | 741.0 | 733.8 | 729.5 |
| 12.5°  | 813.2 | 810.4  | 798.9 | 785.3 | 753.9 | 738.1 | 710.2 | 715.9 | 699.5 | 685.2 | 683.0 |
| 15°    | 781.7 | 771.0  | 764.6 | 742.4 | 704.5 | 697.3 | 675.2 | 663.7 | 648.7 | 637.3 | 637.3 |
| 17.5°  | 751.0 | 734.5  | 720.2 | 696.6 | 668.7 | 648.7 | 632.3 | 626.5 | 607.9 | 596.5 | 594.4 |
| 20°    | 710.2 | 691.6  | 688.1 | 654.4 | 635.1 | 613.0 | 597.2 | 582.9 | 569.3 | 564.3 | 560.7 |
| 22.5°  | 671.6 | 650.1  | 644.4 | 615.8 | 596.5 | 574.3 | 558.6 | 548.6 | 538.6 | 535.0 | 528.6 |
| 25°    | 630.1 | 617.2  | 608.7 | 577.9 | 556.4 | 535.7 | 525.0 | 517.8 | 508.5 | 507.8 | 503.5 |
| 27.5°  | 590.1 | 577.9  | 569.3 | 540.0 | 524.3 | 505.0 | 496.4 | 488.5 | 483.5 | 481.4 | 479.2 |
| 30°    | 555.7 | 542.1  | 532.1 | 510.7 | 491.4 | 475.6 | 468.5 | 463.5 | 460.6 | 457.0 | 456.3 |
| 32.5°  | 517.8 | 510.0  | 496.4 | 479.9 | 464.9 | 449.9 | 445.6 | 442.0 | 437.7 | 436.3 | 435.6 |
| 35°    | 485.6 | 474.9  | 466.3 | 447.7 | 441.3 | 428.4 | 423.4 | 420.6 | 414.8 | 413.4 | 412.0 |
| 37.5°  | 454.2 | 444.2  | 434.9 | 423.4 | 411.3 | 404.1 | 401.2 | 397.0 | 394.1 | 394.8 | 393.4 |
| 40°    | 422.7 | 414.8  | 407.7 | 395.5 | 388.4 | 384.8 | 379.1 | 374.8 | 373.4 | 374.1 | 373.4 |
| 42.5°  | 391.9 | 384.8  | 380.5 | 371.2 | 364.1 | 360.5 | 356.9 | 352.6 | 354.8 | 354.8 | 356.9 |
| 45°    | 364.1 | 357.6  | 354.8 | 347.6 | 343.3 | 337.6 | 334.0 | 333.3 | 336.2 | 335.4 | 335.4 |
| 47.5°  | 335.4 | 333.3  | 329.7 | 323.3 | 317.6 | 314.0 | 313.3 | 313.3 | 316.1 | 317.6 | 316.8 |
| 50°    | 313.3 | 309.0  | 304.7 | 299.7 | 295.4 | 294.0 | 291.8 | 293.2 | 296.1 | 296.1 | 297.5 |
| 52.5°  | 285.4 | 282.5  | 281.1 | 276.8 | 273.9 | 273.9 | 273.9 | 274.6 | 276.8 | 278.9 | 278.2 |
| 55°    | 261.1 | 258.9  | 257.5 | 255.3 | 251.8 | 252.5 | 251.8 | 253.2 | 255.3 | 257.5 | 258.9 |
| 57.5°  | 235.3 | 234.6  | 233.2 | 229.6 | 229.6 | 228.9 | 231.0 | 231.7 | 235.3 | 236.7 | 238.9 |
| 60°    | 212.4 | 210.3  | 210.3 | 207.4 | 207.4 | 207.4 | 209.6 | 211.7 | 214.6 | 215.3 | 216.7 |
| 62.5°  | 188.1 | 188.1  | 187.4 | 185.2 | 185.2 | 187.4 | 188.1 | 191.0 | 192.4 | 192.4 | 194.5 |
| 65°    | 165.2 | 164.5  | 163.8 | 164.5 | 165.2 | 165.2 | 167.4 | 168.8 | 170.2 | 170.9 | 171.7 |
| 67.5°  | 142.3 | 141.6  | 143.0 | 142.3 | 143.8 | 146.6 | 145.9 | 148.1 | 150.2 | 150.2 | 150.9 |
| 70°    | 120.9 | 122.3  | 121.6 | 123.0 | 122.3 | 123.7 | 125.9 | 126.6 | 126.6 | 127.3 | 129.5 |
| 72.5°  | 100.8 | 100.8  | 100.8 | 100.1 | 100.8 | 102.3 | 103.7 | 104.4 | 105.9 | 106.6 | 108.7 |
| 75°    | 81.5  | 81.5   | 80.1  | 81.5  | 81.5  | 83.0  | 84.4  | 84.4  | 84.4  | 85.8  | 88.0  |
| 77.5°  | 61.5  | 62.2   | 61.5  | 62.9  | 62.9  | 63.7  | 65.1  | 64.4  | 65.8  | 66.5  | 67.2  |
| 80°    | 45.1  | 44.3   | 44.3  | 44.3  | 45.1  | 45.1  | 46.5  | 47.2  | 47.2  | 49.4  | 47.9  |
| 82.5°  | 28.6  | 29.3   | 28.6  | 29.3  | 29.3  | 30.0  | 29.3  | 30.0  | 30.8  | 32.2  | 31.5  |
| 85°    | 16.5  | 15.7   | 15.7  | 16.5  | 15.7  | 15.7  | 16.5  | 15.7  | 16.5  | 15.7  | 16.5  |
| 87.5°  | 6.4   | 5.7    | 5.7   | 5.7   | 5.7   | 5.0   | 5.0   | 4.3   | 4.3   | 4.3   | 3.6   |
| 90°    | 7.3   | 8.1    | 8.7   | 9.9   | 11.0  | 12.2  | 13.4  | 14.2  | 14.9  | 15.7  | 16.4  |
| 92.5°  | 14.4  | 14.1   | 14.3  | 14.8  | 15.2  | 15.7  | 16.1  | 16.4  | 16.7  | 17.0  | 17.3  |
| 95°    | 24.0  | 21.5   | 22.0  | 23.1  | 24.1  | 25.2  | 26.2  | 27.0  | 27.7  | 28.5  | 29.2  |
| 97.5°  | 29.6  | 23.5   | 24.7  | 27.1  | 29.5  | 31.9  | 34.3  | 34.7  | 35.2  | 35.6  | 36.1  |
| 100°   | 37.1  | 26.9   | 28.2  | 30.7  | 33.2  | 35.8  | 38.3  | 39.5  | 40.7  | 41.9  | 43.1  |
| 102.5° | 162.0 | 161.9  | 148.3 | 121.1 | 94.0  | 66.8  | 39.6  | 41.2  | 42.9  | 44.5  | 46.2  |
| 105°   | 222.1 | 224.3  | 203.9 | 163.2 | 122.5 | 81.7  | 41.0  | 42.6  | 44.3  | 45.9  | 47.6  |
| 107.5° | 266.8 | 268.7  | 243.5 | 193.2 | 142.9 | 92.6  | 42.3  | 43.9  | 45.6  | 47.2  | 48.9  |
| 110°   | 310.1 | 311.7  | 290.1 | 247.0 | 203.8 | 160.7 | 117.5 | 102.6 | 87.7  | 72.8  | 57.9  |

TEST NUMBER: P1009156

CATALOG NUMBER: S122DIP-B485D725UB50-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 200°  | 202.5° | 205°  | 210°  | 215°  | 220°  | 225°  | 230°  | 235°  | 240°  | 245°  |
|--------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 351.3 | 352.6  | 351.3 | 348.8 | 346.3 | 343.7 | 341.2 | 276.9 | 212.5 | 148.2 | 83.9  |
| 115°   | 396.3 | 397.6  | 399.5 | 403.2 | 406.9 | 410.7 | 414.4 | 345.3 | 276.2 | 207.1 | 138.0 |
| 117.5° | 437.8 | 439.3  | 440.6 | 443.1 | 445.6 | 448.2 | 450.7 | 429.4 | 408.0 | 386.7 | 365.4 |
| 120°   | 479.2 | 480.3  | 481.6 | 484.3 | 487.0 | 489.6 | 492.3 | 494.1 | 495.9 | 497.7 | 499.5 |
| 122.5° | 517.3 | 518.5  | 520.0 | 523.0 | 526.0 | 529.0 | 532.0 | 532.9 | 533.8 | 534.7 | 535.6 |
| 125°   | 553.8 | 554.8  | 556.2 | 559.1 | 561.9 | 564.8 | 567.6 | 568.6 | 569.7 | 570.7 | 571.8 |
| 127.5° | 589.4 | 590.4  | 591.5 | 593.8 | 596.0 | 598.3 | 600.5 | 602.0 | 603.5 | 605.0 | 606.5 |
| 130°   | 623.5 | 624.7  | 625.5 | 627.2 | 628.8 | 630.5 | 632.1 | 633.7 | 635.3 | 637.0 | 638.6 |
| 132.5° | 655.2 | 656.2  | 657.0 | 658.7 | 660.3 | 662.0 | 663.6 | 665.0 | 666.3 | 667.7 | 669.0 |
| 135°   | 685.3 | 686.5  | 687.2 | 688.5 | 689.8 | 691.2 | 692.5 | 694.0 | 695.5 | 697.0 | 698.5 |
| 137.5° | 712.4 | 713.3  | 714.0 | 715.5 | 717.0 | 718.5 | 720.0 | 721.5 | 723.0 | 724.5 | 726.0 |
| 140°   | 738.9 | 739.5  | 740.3 | 742.0 | 743.6 | 745.3 | 746.9 | 748.3 | 749.6 | 751.0 | 752.3 |
| 142.5° | 762.5 | 763.0  | 764.0 | 765.9 | 767.9 | 769.8 | 771.8 | 773.0 | 774.2 | 775.3 | 776.5 |
| 145°   | 783.3 | 783.2  | 784.5 | 787.0 | 789.5 | 792.1 | 794.6 | 795.6 | 796.7 | 797.7 | 798.8 |
| 147.5° | 804.2 | 804.0  | 805.3 | 807.8 | 810.3 | 812.9 | 815.4 | 816.2 | 816.9 | 817.7 | 818.4 |
| 150°   | 823.3 | 822.8  | 824.0 | 826.4 | 828.8 | 831.2 | 833.6 | 834.5 | 835.4 | 836.3 | 837.2 |
| 152.5° | 840.9 | 840.3  | 841.4 | 843.7 | 845.9 | 848.2 | 850.4 | 851.3 | 852.2 | 853.1 | 854.0 |
| 155°   | 857.8 | 857.1  | 858.0 | 859.8 | 861.5 | 863.3 | 865.1 | 866.0 | 866.9 | 867.8 | 868.7 |
| 157.5° | 872.4 | 871.8  | 872.5 | 873.8 | 875.2 | 876.5 | 877.9 | 878.9 | 880.0 | 881.0 | 882.1 |
| 160°   | 885.7 | 885.3  | 885.7 | 886.6 | 887.5 | 888.4 | 889.3 | 890.2 | 891.1 | 892.0 | 892.9 |
| 162.5° | 896.5 | 896.0  | 896.4 | 897.1 | 897.9 | 898.6 | 899.4 | 900.4 | 901.5 | 902.5 | 903.6 |
| 165°   | 905.9 | 905.4  | 905.6 | 906.1 | 906.5 | 907.0 | 907.4 | 908.5 | 909.5 | 910.6 | 911.7 |
| 167.5° | 913.3 | 912.8  | 913.0 | 913.5 | 913.9 | 914.4 | 914.8 | 915.8 | 916.9 | 917.9 | 919.0 |
| 170°   | 919.3 | 918.9  | 919.0 | 919.3 | 919.6 | 919.9 | 920.2 | 921.2 | 922.3 | 923.3 | 924.4 |
| 172.5° | 923.3 | 922.9  | 923.0 | 923.3 | 923.6 | 923.9 | 924.2 | 925.2 | 926.3 | 927.3 | 928.4 |
| 175°   | 926.1 | 925.6  | 925.7 | 926.0 | 926.3 | 926.6 | 926.9 | 927.9 | 929.0 | 930.0 | 931.1 |
| 177.5° | 927.4 | 926.9  | 927.0 | 927.1 | 927.3 | 927.4 | 927.6 | 928.6 | 929.7 | 930.7 | 931.8 |
| 180°   | 928.3 | 928.3  | 928.3 | 928.3 | 928.3 | 928.3 | 928.3 | 928.3 | 928.3 | 928.3 | 928.3 |

TEST NUMBER: P1009156

CATALOG NUMBER: S122DIP-B485D725UB50-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°  | 255°  | 260°  | 265°  | 270°  | 275°  | 280°  | 285°  | 290°  | 292.5° |
|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 0°     | 930.5  | 930.5 | 930.5 | 930.5 | 930.5 | 930.5 | 930.5 | 930.5 | 930.5 | 930.5 | 930.5  |
| 2.5°   | 886.9  | 889.0 | 884.0 | 882.6 | 884.0 | 879.0 | 880.4 | 881.9 | 881.9 | 884.0 | 885.5  |
| 5°     | 835.4  | 832.5 | 827.5 | 826.1 | 824.7 | 826.8 | 825.4 | 827.5 | 828.2 | 833.2 | 834.0  |
| 7.5°   | 784.6  | 780.3 | 776.0 | 771.7 | 770.3 | 766.7 | 770.3 | 770.3 | 775.3 | 773.9 | 777.5  |
| 10°    | 724.5  | 723.8 | 718.1 | 715.9 | 713.1 | 707.4 | 715.2 | 713.1 | 716.7 | 723.1 | 724.5  |
| 12.5°  | 680.2  | 672.3 | 675.9 | 665.9 | 669.5 | 663.7 | 664.4 | 664.4 | 670.2 | 670.9 | 669.5  |
| 15°    | 638.0  | 631.5 | 622.3 | 618.0 | 615.8 | 613.0 | 622.3 | 623.0 | 618.7 | 628.7 | 625.1  |
| 17.5°  | 595.1  | 595.1 | 586.5 | 584.3 | 578.6 | 581.5 | 580.1 | 580.8 | 579.3 | 586.5 | 590.1  |
| 20°    | 557.9  | 554.3 | 551.4 | 552.2 | 545.0 | 543.6 | 542.1 | 543.6 | 548.6 | 553.6 | 555.0  |
| 22.5°  | 527.8  | 525.7 | 518.5 | 520.0 | 514.3 | 516.4 | 515.0 | 518.5 | 519.3 | 519.3 | 524.3  |
| 25°    | 499.2  | 496.4 | 497.1 | 494.2 | 492.1 | 492.1 | 489.9 | 492.1 | 494.9 | 496.4 | 497.1  |
| 27.5°  | 477.8  | 475.6 | 472.1 | 469.9 | 471.3 | 467.8 | 470.6 | 472.8 | 472.8 | 471.3 | 472.8  |
| 30°    | 452.0  | 453.5 | 453.5 | 446.3 | 449.2 | 447.7 | 449.9 | 451.3 | 451.3 | 452.0 | 450.6  |
| 32.5°  | 434.9  | 430.6 | 429.9 | 429.1 | 429.1 | 426.3 | 426.3 | 428.4 | 429.1 | 429.9 | 432.0  |
| 35°    | 412.0  | 412.0 | 408.4 | 410.5 | 407.7 | 408.4 | 407.7 | 408.4 | 409.8 | 407.7 | 409.8  |
| 37.5°  | 391.2  | 391.9 | 390.5 | 391.9 | 392.7 | 391.2 | 389.8 | 392.7 | 391.2 | 391.2 | 389.8  |
| 40°    | 373.4  | 372.6 | 373.4 | 373.4 | 373.4 | 374.1 | 372.6 | 372.6 | 372.6 | 371.2 | 369.8  |
| 42.5°  | 358.3  | 354.0 | 355.5 | 356.2 | 354.0 | 354.0 | 354.8 | 354.0 | 356.2 | 351.9 | 351.9  |
| 45°    | 336.9  | 335.4 | 336.2 | 336.2 | 337.6 | 335.4 | 336.9 | 337.6 | 335.4 | 334.7 | 333.3  |
| 47.5°  | 317.6  | 319.0 | 317.6 | 319.0 | 319.0 | 320.4 | 317.6 | 318.3 | 319.0 | 316.1 | 314.0  |
| 50°    | 298.3  | 298.3 | 300.4 | 299.7 | 300.4 | 299.0 | 299.0 | 298.3 | 299.0 | 297.5 | 295.4  |
| 52.5°  | 280.4  | 278.2 | 281.8 | 281.1 | 280.4 | 279.7 | 278.9 | 279.7 | 278.2 | 276.8 | 276.8  |
| 55°    | 258.2  | 258.2 | 260.3 | 261.1 | 261.1 | 259.6 | 258.2 | 258.9 | 258.2 | 257.5 | 256.8  |
| 57.5°  | 240.3  | 237.5 | 238.9 | 239.6 | 239.6 | 237.5 | 238.9 | 237.5 | 237.5 | 238.2 | 236.0  |
| 60°    | 217.4  | 217.4 | 216.0 | 218.1 | 218.1 | 216.7 | 216.7 | 217.4 | 216.0 | 215.3 | 214.6  |
| 62.5°  | 193.1  | 193.8 | 196.0 | 196.7 | 197.4 | 196.0 | 194.5 | 195.3 | 195.3 | 193.1 | 193.8  |
| 65°    | 172.4  | 173.8 | 176.7 | 175.9 | 174.5 | 175.2 | 173.8 | 174.5 | 172.4 | 173.1 | 170.9  |
| 67.5°  | 152.3  | 151.6 | 152.3 | 152.3 | 153.8 | 153.1 | 151.6 | 151.6 | 150.9 | 153.1 | 150.9  |
| 70°    | 130.9  | 130.9 | 130.9 | 130.9 | 131.6 | 132.3 | 130.9 | 129.5 | 130.2 | 128.7 | 128.0  |
| 72.5°  | 108.7  | 109.4 | 108.7 | 110.1 | 108.0 | 109.4 | 109.4 | 108.7 | 108.0 | 108.0 | 108.0  |
| 75°    | 88.0   | 89.4  | 87.3  | 88.0  | 87.3  | 88.7  | 88.0  | 88.0  | 86.5  | 85.8  | 86.5   |
| 77.5°  | 67.2   | 67.9  | 66.5  | 67.2  | 66.5  | 67.2  | 67.2  | 66.5  | 66.5  | 66.5  | 66.5   |
| 80°    | 47.9   | 48.6  | 47.9  | 47.2  | 46.5  | 47.9  | 46.5  | 47.2  | 47.9  | 47.2  | 48.6   |
| 82.5°  | 30.8   | 30.8  | 30.0  | 30.8  | 29.3  | 29.3  | 30.0  | 30.0  | 29.3  | 30.8  | 29.3   |
| 85°    | 15.0   | 15.0  | 16.5  | 15.0  | 14.3  | 14.3  | 14.3  | 15.0  | 14.3  | 15.7  | 15.0   |
| 87.5°  | 3.6    | 2.9   | 3.6   | 3.6   | 2.9   | 2.9   | 3.6   | 2.9   | 3.6   | 4.3   | 2.9    |
| 90°    | 16.8   | 16.9  | 17.2  | 17.5  | 17.8  | 18.1  | 17.8  | 17.5  | 17.2  | 16.9  | 16.8   |
| 92.5°  | 17.5   | 17.6  | 17.7  | 17.8  | 18.0  | 18.1  | 18.0  | 17.8  | 17.7  | 17.6  | 17.5   |
| 95°    | 29.6   | 29.5  | 29.4  | 29.2  | 29.1  | 28.9  | 29.1  | 29.2  | 29.4  | 29.5  | 29.6   |
| 97.5°  | 36.3   | 36.4  | 36.5  | 36.6  | 36.8  | 36.9  | 36.8  | 36.6  | 36.5  | 36.4  | 36.3   |
| 100°   | 43.7   | 43.8  | 44.1  | 44.4  | 44.7  | 45.0  | 44.7  | 44.4  | 44.1  | 43.8  | 43.7   |
| 102.5° | 47.0   | 47.2  | 47.7  | 48.1  | 48.6  | 49.0  | 48.6  | 48.1  | 47.7  | 47.2  | 47.0   |
| 105°   | 48.4   | 48.7  | 49.3  | 49.8  | 50.4  | 51.0  | 50.4  | 49.8  | 49.3  | 48.7  | 48.4   |
| 107.5° | 49.7   | 50.0  | 50.6  | 51.2  | 51.8  | 52.4  | 51.8  | 51.2  | 50.6  | 50.0  | 49.7   |
| 110°   | 50.4   | 50.7  | 51.3  | 51.9  | 52.5  | 53.1  | 52.5  | 51.9  | 51.3  | 50.7  | 50.4   |

TEST NUMBER: P1009156

CATALOG NUMBER: S122DIP-B485D725UB50-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°  | 255°  | 260°  | 265°  | 270°  | 275°  | 280°  | 285°  | 290°  | 292.5° |
|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 112.5° | 51.7   | 51.9  | 52.4  | 52.8  | 53.3  | 53.7  | 53.3  | 52.8  | 52.4  | 51.9  | 51.7   |
| 115°   | 103.4  | 98.0  | 87.3  | 76.6  | 65.8  | 55.1  | 65.8  | 76.6  | 87.3  | 98.0  | 103.4  |
| 117.5° | 354.7  | 335.1 | 296.0 | 256.9 | 217.8 | 178.7 | 217.8 | 256.9 | 296.0 | 335.1 | 354.7  |
| 120°   | 500.4  | 490.3 | 470.2 | 450.0 | 429.9 | 409.7 | 429.9 | 450.0 | 470.2 | 490.3 | 500.4  |
| 122.5° | 536.0  | 536.1 | 536.2 | 536.4 | 536.5 | 536.7 | 536.5 | 536.4 | 536.2 | 536.1 | 536.0  |
| 125°   | 572.3  | 572.5 | 573.0 | 573.4 | 573.9 | 574.3 | 573.9 | 573.4 | 573.0 | 572.5 | 572.3  |
| 127.5° | 607.2  | 607.3 | 607.4 | 607.6 | 607.7 | 607.9 | 607.7 | 607.6 | 607.4 | 607.3 | 607.2  |
| 130°   | 639.4  | 639.3 | 639.2 | 639.1 | 638.9 | 638.8 | 638.9 | 639.1 | 639.2 | 639.3 | 639.4  |
| 132.5° | 669.7  | 669.6 | 669.5 | 669.3 | 669.2 | 669.0 | 669.2 | 669.3 | 669.5 | 669.6 | 669.7  |
| 135°   | 699.2  | 699.1 | 698.8 | 698.5 | 698.2 | 697.9 | 698.2 | 698.5 | 698.8 | 699.1 | 699.2  |
| 137.5° | 726.8  | 726.6 | 726.1 | 725.7 | 725.2 | 724.8 | 725.2 | 725.7 | 726.1 | 726.6 | 726.8  |
| 140°   | 753.0  | 752.6 | 751.9 | 751.1 | 750.4 | 749.6 | 750.4 | 751.1 | 751.9 | 752.6 | 753.0  |
| 142.5° | 777.1  | 776.7 | 776.0 | 775.3 | 774.5 | 773.8 | 774.5 | 775.3 | 776.0 | 776.7 | 777.1  |
| 145°   | 799.3  | 798.9 | 798.2 | 797.4 | 796.7 | 795.9 | 796.7 | 797.4 | 798.2 | 798.9 | 799.3  |
| 147.5° | 818.8  | 818.5 | 817.9 | 817.3 | 816.7 | 816.1 | 816.7 | 817.3 | 817.9 | 818.5 | 818.8  |
| 150°   | 837.6  | 837.2 | 836.5 | 835.7 | 835.0 | 834.2 | 835.0 | 835.7 | 836.5 | 837.2 | 837.6  |
| 152.5° | 854.4  | 853.9 | 852.8 | 851.8 | 850.7 | 849.7 | 850.7 | 851.8 | 852.8 | 853.9 | 854.4  |
| 155°   | 869.2  | 868.6 | 867.4 | 866.2 | 865.0 | 863.8 | 865.0 | 866.2 | 867.4 | 868.6 | 869.2  |
| 157.5° | 882.6  | 882.0 | 880.8 | 879.6 | 878.4 | 877.2 | 878.4 | 879.6 | 880.8 | 882.0 | 882.6  |
| 160°   | 893.3  | 892.8 | 891.7 | 890.7 | 889.6 | 888.6 | 889.6 | 890.7 | 891.7 | 892.8 | 893.3  |
| 162.5° | 904.1  | 903.4 | 902.1 | 900.7 | 899.4 | 898.0 | 899.4 | 900.7 | 902.1 | 903.4 | 904.1  |
| 165°   | 912.2  | 911.7 | 910.6 | 909.5 | 908.5 | 907.4 | 908.5 | 909.5 | 910.6 | 911.7 | 912.2  |
| 167.5° | 919.5  | 918.8 | 917.5 | 916.2 | 914.8 | 913.5 | 914.8 | 916.2 | 917.5 | 918.8 | 919.5  |
| 170°   | 924.9  | 924.2 | 922.9 | 921.6 | 920.2 | 918.9 | 920.2 | 921.6 | 922.9 | 924.2 | 924.9  |
| 172.5° | 928.9  | 928.2 | 926.9 | 925.6 | 924.2 | 922.9 | 924.2 | 925.6 | 926.9 | 928.2 | 928.9  |
| 175°   | 931.6  | 930.9 | 929.4 | 927.9 | 926.4 | 924.9 | 926.4 | 927.9 | 929.4 | 930.9 | 931.6  |
| 177.5° | 932.3  | 931.6 | 930.3 | 929.0 | 927.6 | 926.3 | 927.6 | 929.0 | 930.3 | 931.6 | 932.3  |
| 180°   | 928.3  | 928.3 | 928.3 | 928.3 | 928.3 | 928.3 | 928.3 | 928.3 | 928.3 | 928.3 | 928.3  |

TEST NUMBER: P1009156

CATALOG NUMBER: S122DIP-B485D725UB50-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 295°  | 300°  | 305°  | 310°  | 315°  | 320°  | 325°  | 330°  | 335°  | 337.5° | 340°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
| 0°     | 930.5 | 930.5 | 930.5 | 930.5 | 930.5 | 930.5 | 930.5 | 930.5 | 930.5 | 930.5  | 930.5 |
| 2.5°   | 883.3 | 889.0 | 886.9 | 879.0 | 888.3 | 888.3 | 894.8 | 894.8 | 902.6 | 905.5  | 909.8 |
| 5°     | 833.2 | 837.5 | 841.1 | 837.5 | 844.0 | 854.0 | 859.7 | 864.7 | 875.4 | 879.7  | 886.2 |
| 7.5°   | 779.6 | 787.5 | 791.0 | 791.0 | 801.8 | 813.2 | 824.7 | 831.8 | 846.8 | 852.6  | 859.0 |
| 10°    | 727.4 | 736.7 | 743.8 | 743.1 | 761.0 | 768.2 | 782.5 | 798.9 | 813.9 | 822.5  | 831.8 |
| 12.5°  | 672.3 | 677.3 | 687.3 | 701.6 | 705.9 | 718.8 | 735.3 | 756.0 | 783.2 | 791.0  | 804.6 |
| 15°    | 626.5 | 640.1 | 648.0 | 654.4 | 664.4 | 676.6 | 694.5 | 714.5 | 741.7 | 758.9  | 773.2 |
| 17.5°  | 587.9 | 605.8 | 610.8 | 609.4 | 622.3 | 640.8 | 661.6 | 676.6 | 700.9 | 721.7  | 735.3 |
| 20°    | 556.4 | 563.6 | 572.2 | 575.8 | 585.8 | 605.8 | 625.8 | 643.0 | 663.0 | 679.5  | 695.2 |
| 22.5°  | 525.0 | 530.7 | 537.9 | 544.3 | 552.2 | 563.6 | 582.9 | 604.4 | 623.7 | 639.4  | 657.3 |
| 25°    | 499.2 | 502.8 | 509.2 | 514.3 | 522.8 | 530.7 | 544.3 | 567.9 | 590.8 | 600.1  | 615.8 |
| 27.5°  | 474.2 | 477.1 | 481.4 | 487.1 | 491.4 | 499.2 | 511.4 | 530.7 | 554.3 | 563.6  | 585.1 |
| 30°    | 452.0 | 454.2 | 458.5 | 461.3 | 463.5 | 472.8 | 482.1 | 497.1 | 515.0 | 527.8  | 543.6 |
| 32.5°  | 431.3 | 433.4 | 437.7 | 438.4 | 441.3 | 446.3 | 454.9 | 468.5 | 484.2 | 494.9  | 508.5 |
| 35°    | 408.4 | 409.8 | 414.1 | 415.5 | 417.7 | 422.0 | 428.4 | 438.4 | 452.7 | 460.6  | 472.8 |
| 37.5°  | 390.5 | 389.8 | 392.7 | 394.8 | 397.7 | 399.8 | 402.0 | 412.0 | 422.7 | 429.9  | 439.2 |
| 40°    | 371.2 | 369.8 | 370.5 | 373.4 | 374.8 | 377.6 | 377.6 | 387.7 | 394.8 | 400.5  | 407.7 |
| 42.5°  | 351.9 | 351.2 | 349.7 | 351.2 | 352.6 | 353.3 | 354.0 | 361.2 | 368.3 | 373.4  | 381.2 |
| 45°    | 332.6 | 331.9 | 330.4 | 331.2 | 331.2 | 332.6 | 334.7 | 337.6 | 342.6 | 346.9  | 351.2 |
| 47.5°  | 314.7 | 313.3 | 311.1 | 310.4 | 311.8 | 311.8 | 311.8 | 314.7 | 319.7 | 321.1  | 325.4 |
| 50°    | 296.1 | 294.0 | 291.1 | 289.7 | 289.7 | 289.0 | 290.4 | 291.1 | 295.4 | 296.8  | 300.4 |
| 52.5°  | 276.1 | 274.6 | 271.8 | 268.9 | 269.6 | 268.2 | 268.9 | 269.6 | 271.1 | 273.2  | 275.4 |
| 55°    | 256.1 | 253.2 | 251.0 | 250.3 | 248.2 | 248.2 | 246.0 | 248.9 | 248.2 | 248.9  | 251.8 |
| 57.5°  | 236.7 | 233.9 | 230.3 | 228.9 | 226.7 | 226.0 | 224.6 | 223.9 | 224.6 | 226.7  | 228.9 |
| 60°    | 213.9 | 212.4 | 210.3 | 208.1 | 206.7 | 204.6 | 203.1 | 203.1 | 202.4 | 202.4  | 203.1 |
| 62.5°  | 191.7 | 191.0 | 188.1 | 187.4 | 186.0 | 184.5 | 182.4 | 181.0 | 181.0 | 182.4  | 183.1 |
| 65°    | 170.2 | 169.5 | 167.4 | 166.6 | 163.1 | 161.6 | 160.9 | 160.2 | 158.8 | 158.8  | 158.8 |
| 67.5°  | 150.2 | 148.1 | 148.1 | 144.5 | 141.6 | 140.2 | 138.8 | 138.0 | 138.0 | 138.0  | 138.8 |
| 70°    | 128.0 | 128.0 | 125.9 | 123.7 | 120.9 | 121.6 | 119.4 | 117.3 | 117.3 | 115.9  | 116.6 |
| 72.5°  | 106.6 | 105.9 | 103.7 | 103.0 | 100.8 | 98.7  | 97.3  | 98.7  | 96.6  | 95.8   | 96.6  |
| 75°    | 85.8  | 85.1  | 83.7  | 82.3  | 83.0  | 80.8  | 78.7  | 78.0  | 78.0  | 76.5   | 76.5  |
| 77.5°  | 65.8  | 67.2  | 64.4  | 63.7  | 62.2  | 60.8  | 60.1  | 59.4  | 59.4  | 59.4   | 60.8  |
| 80°    | 45.8  | 46.5  | 46.5  | 45.1  | 45.8  | 43.6  | 43.6  | 43.6  | 41.5  | 42.2   | 42.9  |
| 82.5°  | 29.3  | 29.3  | 28.6  | 29.3  | 28.6  | 28.6  | 27.9  | 27.9  | 27.2  | 27.2   | 27.9  |
| 85°    | 16.5  | 15.7  | 15.0  | 16.5  | 15.7  | 15.7  | 15.0  | 15.0  | 15.0  | 15.0   | 15.0  |
| 87.5°  | 3.6   | 4.3   | 4.3   | 4.3   | 4.3   | 5.0   | 5.0   | 5.0   | 5.7   | 5.7    | 5.7   |
| 90°    | 16.4  | 15.7  | 14.9  | 14.2  | 13.4  | 12.2  | 11.0  | 9.9   | 8.7   | 8.1    | 7.3   |
| 92.5°  | 17.3  | 17.0  | 16.7  | 16.4  | 16.1  | 15.7  | 15.2  | 14.8  | 14.3  | 14.1   | 14.4  |
| 95°    | 29.2  | 28.5  | 27.7  | 27.0  | 26.2  | 25.2  | 24.1  | 23.1  | 22.0  | 21.5   | 24.0  |
| 97.5°  | 36.1  | 35.6  | 35.2  | 34.7  | 34.3  | 31.9  | 29.5  | 27.1  | 24.7  | 23.5   | 29.6  |
| 100°   | 43.1  | 41.9  | 40.7  | 39.5  | 38.3  | 35.8  | 33.2  | 30.7  | 28.2  | 26.9   | 37.1  |
| 102.5° | 46.2  | 44.5  | 42.9  | 41.2  | 39.6  | 66.8  | 94.0  | 121.1 | 148.3 | 161.9  | 162.0 |
| 105°   | 47.6  | 45.9  | 44.3  | 42.6  | 41.0  | 81.7  | 122.5 | 163.2 | 203.9 | 224.3  | 222.1 |
| 107.5° | 48.9  | 47.2  | 45.6  | 43.9  | 42.3  | 92.6  | 142.9 | 193.2 | 243.5 | 268.7  | 266.8 |
| 110°   | 57.9  | 72.8  | 87.7  | 102.6 | 117.5 | 160.7 | 203.8 | 247.0 | 290.1 | 311.7  | 310.1 |

TEST NUMBER: P1009156

CATALOG NUMBER: S122DIP-B485D725UB50-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 295°  | 300°  | 305°  | 310°  | 315°  | 320°  | 325°  | 330°  | 335°  | 337.5° | 340°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
| 112.5° | 83.9  | 148.2 | 212.5 | 276.9 | 341.2 | 343.7 | 346.3 | 348.8 | 351.3 | 352.6  | 351.3 |
| 115°   | 138.0 | 207.1 | 276.2 | 345.3 | 414.4 | 410.7 | 406.9 | 403.2 | 399.5 | 397.6  | 396.3 |
| 117.5° | 365.4 | 386.7 | 408.0 | 429.4 | 450.7 | 448.2 | 445.6 | 443.1 | 440.6 | 439.3  | 437.8 |
| 120°   | 499.5 | 497.7 | 495.9 | 494.1 | 492.3 | 489.6 | 487.0 | 484.3 | 481.6 | 480.3  | 479.2 |
| 122.5° | 535.6 | 534.7 | 533.8 | 532.9 | 532.0 | 529.0 | 526.0 | 523.0 | 520.0 | 518.5  | 517.3 |
| 125°   | 571.8 | 570.7 | 569.7 | 568.6 | 567.6 | 564.8 | 561.9 | 559.1 | 556.2 | 554.8  | 553.8 |
| 127.5° | 606.5 | 605.0 | 603.5 | 602.0 | 600.5 | 598.3 | 596.0 | 593.8 | 591.5 | 590.4  | 589.4 |
| 130°   | 638.6 | 637.0 | 635.3 | 633.7 | 632.1 | 630.5 | 628.8 | 627.2 | 625.5 | 624.7  | 623.5 |
| 132.5° | 669.0 | 667.7 | 666.3 | 665.0 | 663.6 | 662.0 | 660.3 | 658.7 | 657.0 | 656.2  | 655.2 |
| 135°   | 698.5 | 697.0 | 695.5 | 694.0 | 692.5 | 691.2 | 689.8 | 688.5 | 687.2 | 686.5  | 685.3 |
| 137.5° | 726.0 | 724.5 | 723.0 | 721.5 | 720.0 | 718.5 | 717.0 | 715.5 | 714.0 | 713.3  | 712.4 |
| 140°   | 752.3 | 751.0 | 749.6 | 748.3 | 746.9 | 745.3 | 743.6 | 742.0 | 740.3 | 739.5  | 738.9 |
| 142.5° | 776.5 | 775.3 | 774.2 | 773.0 | 771.8 | 769.8 | 767.9 | 765.9 | 764.0 | 763.0  | 762.5 |
| 145°   | 798.8 | 797.7 | 796.7 | 795.6 | 794.6 | 792.1 | 789.5 | 787.0 | 784.5 | 783.2  | 783.3 |
| 147.5° | 818.4 | 817.7 | 816.9 | 816.2 | 815.4 | 812.9 | 810.3 | 807.8 | 805.3 | 804.0  | 804.2 |
| 150°   | 837.2 | 836.3 | 835.4 | 834.5 | 833.6 | 831.2 | 828.8 | 826.4 | 824.0 | 822.8  | 823.3 |
| 152.5° | 854.0 | 853.1 | 852.2 | 851.3 | 850.4 | 848.2 | 845.9 | 843.7 | 841.4 | 840.3  | 840.9 |
| 155°   | 868.7 | 867.8 | 866.9 | 866.0 | 865.1 | 863.3 | 861.5 | 859.8 | 858.0 | 857.1  | 857.8 |
| 157.5° | 882.1 | 881.0 | 880.0 | 878.9 | 877.9 | 876.5 | 875.2 | 873.8 | 872.5 | 871.8  | 872.4 |
| 160°   | 892.9 | 892.0 | 891.1 | 890.2 | 889.3 | 888.4 | 887.5 | 886.6 | 885.7 | 885.3  | 885.7 |
| 162.5° | 903.6 | 902.5 | 901.5 | 900.4 | 899.4 | 898.6 | 897.9 | 897.1 | 896.4 | 896.0  | 896.5 |
| 165°   | 911.7 | 910.6 | 909.5 | 908.5 | 907.4 | 907.0 | 906.5 | 906.1 | 905.6 | 905.4  | 905.9 |
| 167.5° | 919.0 | 917.9 | 916.9 | 915.8 | 914.8 | 914.4 | 913.9 | 913.5 | 913.0 | 912.8  | 913.3 |
| 170°   | 924.4 | 923.3 | 922.3 | 921.2 | 920.2 | 919.9 | 919.6 | 919.3 | 919.0 | 918.9  | 919.3 |
| 172.5° | 928.4 | 927.3 | 926.3 | 925.2 | 924.2 | 923.9 | 923.6 | 923.3 | 923.0 | 922.9  | 923.3 |
| 175°   | 931.1 | 930.0 | 929.0 | 927.9 | 926.9 | 926.6 | 926.3 | 926.0 | 925.7 | 925.6  | 926.1 |
| 177.5° | 931.8 | 930.7 | 929.7 | 928.6 | 927.6 | 927.4 | 927.3 | 927.1 | 927.0 | 926.9  | 927.4 |
| 180°   | 928.3 | 928.3 | 928.3 | 928.3 | 928.3 | 928.3 | 928.3 | 928.3 | 928.3 | 928.3  | 928.3 |

TEST NUMBER: P1009156

CATALOG NUMBER: S122DIP-B485D725UB50-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 345°  | 350°  | 355°  | 360°  |
|--------|-------|-------|-------|-------|
| 0°     | 930.5 | 930.5 | 930.5 | 930.5 |
| 2.5°   | 913.3 | 913.3 | 924.1 | 935.5 |
| 5°     | 893.3 | 898.3 | 915.5 | 931.2 |
| 7.5°   | 874.0 | 882.6 | 904.1 | 924.1 |
| 10°    | 850.4 | 861.9 | 888.3 | 911.9 |
| 12.5°  | 827.5 | 838.3 | 869.0 | 895.5 |
| 15°    | 795.3 | 808.9 | 841.8 | 874.7 |
| 17.5°  | 763.2 | 776.7 | 816.8 | 855.4 |
| 20°    | 725.2 | 743.1 | 788.2 | 839.7 |
| 22.5°  | 690.2 | 712.4 | 762.4 | 803.9 |
| 25°    | 651.6 | 685.9 | 732.4 | 786.0 |
| 27.5°  | 617.2 | 651.6 | 698.8 | 753.1 |
| 30°    | 578.6 | 613.7 | 662.3 | 712.4 |
| 32.5°  | 541.4 | 573.6 | 620.8 | 682.3 |
| 35°    | 502.8 | 533.6 | 579.3 | 641.6 |
| 37.5°  | 467.8 | 497.8 | 547.9 | 605.1 |
| 40°    | 433.4 | 464.9 | 507.8 | 565.0 |
| 42.5°  | 401.2 | 429.1 | 467.8 | 525.0 |
| 45°    | 371.9 | 391.9 | 427.7 | 481.4 |
| 47.5°  | 341.2 | 359.0 | 391.9 | 445.6 |
| 50°    | 312.6 | 327.6 | 356.2 | 406.3 |
| 52.5°  | 284.7 | 297.5 | 324.0 | 364.1 |
| 55°    | 259.6 | 271.8 | 291.1 | 330.4 |
| 57.5°  | 233.9 | 243.2 | 261.8 | 293.2 |
| 60°    | 208.8 | 217.4 | 232.4 | 258.2 |
| 62.5°  | 183.8 | 191.0 | 205.3 | 226.0 |
| 65°    | 161.6 | 167.4 | 178.1 | 196.0 |
| 67.5°  | 140.2 | 143.8 | 152.3 | 166.6 |
| 70°    | 119.4 | 122.3 | 129.5 | 140.9 |
| 72.5°  | 97.3  | 100.1 | 108.0 | 115.9 |
| 75°    | 78.7  | 79.4  | 85.1  | 91.5  |
| 77.5°  | 61.5  | 60.8  | 65.1  | 70.1  |
| 80°    | 42.2  | 44.3  | 47.9  | 50.1  |
| 82.5°  | 28.6  | 29.3  | 30.8  | 32.2  |
| 85°    | 15.7  | 16.5  | 16.5  | 18.6  |
| 87.5°  | 6.4   | 7.2   | 7.2   | 7.9   |
| 90°    | 5.6   | 4.0   | 2.3   | 0.7   |
| 92.5°  | 15.0  | 15.6  | 16.2  | 16.8  |
| 95°    | 28.9  | 33.8  | 38.8  | 43.7  |
| 97.5°  | 41.9  | 54.1  | 66.4  | 78.6  |
| 100°   | 57.6  | 78.0  | 98.5  | 118.9 |
| 102.5° | 162.3 | 162.6 | 162.9 | 163.2 |
| 105°   | 217.6 | 213.1 | 208.7 | 204.2 |
| 107.5° | 263.1 | 259.4 | 255.6 | 251.9 |
| 110°   | 307.0 | 303.9 | 300.7 | 297.6 |

TEST NUMBER: P1009156

CATALOG NUMBER: S122DIP-B485D725UB50-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 345°  | 350°  | 355°  | 360°  |
|--------|-------|-------|-------|-------|
| 112.5° | 348.6 | 345.9 | 343.2 | 340.5 |
| 115°   | 393.8 | 391.3 | 388.7 | 386.2 |
| 117.5° | 434.8 | 431.8 | 428.8 | 425.8 |
| 120°   | 476.9 | 474.7 | 472.4 | 470.2 |
| 122.5° | 514.9 | 512.6 | 510.2 | 507.8 |
| 125°   | 551.9 | 550.0 | 548.0 | 546.1 |
| 127.5° | 587.3 | 585.2 | 583.1 | 581.0 |
| 130°   | 621.1 | 618.7 | 616.3 | 613.9 |
| 132.5° | 653.3 | 651.4 | 649.4 | 647.5 |
| 135°   | 682.9 | 680.5 | 678.1 | 675.7 |
| 137.5° | 710.6 | 708.9 | 707.1 | 705.3 |
| 140°   | 737.7 | 736.6 | 735.4 | 734.2 |
| 142.5° | 761.4 | 760.4 | 759.3 | 758.3 |
| 145°   | 783.4 | 783.6 | 783.7 | 783.9 |
| 147.5° | 804.7 | 805.1 | 805.6 | 806.0 |
| 150°   | 824.4 | 825.4 | 826.5 | 827.5 |
| 152.5° | 842.1 | 843.3 | 844.5 | 845.7 |
| 155°   | 859.1 | 860.4 | 861.8 | 863.1 |
| 157.5° | 873.6 | 874.8 | 876.0 | 877.2 |
| 160°   | 886.6 | 887.5 | 888.4 | 889.3 |
| 162.5° | 897.4 | 898.3 | 899.2 | 900.1 |
| 165°   | 906.8 | 907.7 | 908.6 | 909.5 |
| 167.5° | 914.2 | 915.1 | 916.0 | 916.9 |
| 170°   | 920.2 | 921.1 | 922.0 | 922.9 |
| 172.5° | 924.2 | 925.1 | 926.0 | 926.9 |
| 175°   | 927.2 | 928.2 | 929.3 | 930.3 |
| 177.5° | 928.5 | 929.5 | 930.6 | 931.6 |
| 180°   | 928.3 | 928.3 | 928.3 | 928.3 |

(END OF REPORT)