

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: P1028143

Luminaire Tested: S125DIP-B610D610UB50-4F0-XX-W2A-A4

Issue Date: 5/6/2025

**Test Information**

Test Method: LM-79-2019  
Report Number: P1028143  
REPORT IS A COMBINATION OF REPORTS P1002352 AND P1007351  
Test Lab: INNOVATION CENTER  
Issue Date: 5/6/2025  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: NEO-RAY  
Catalog Number: S125DIP-B610D610UB50-4F0-XX-W2A-A4  
Description: Define 5 Direct/Indirect Pendant with 5000K BioUP LEDs {m-DER=1.015} {m-EER=1.115}  
Light Source: -  
Ballast/Driver: -

**Summary**

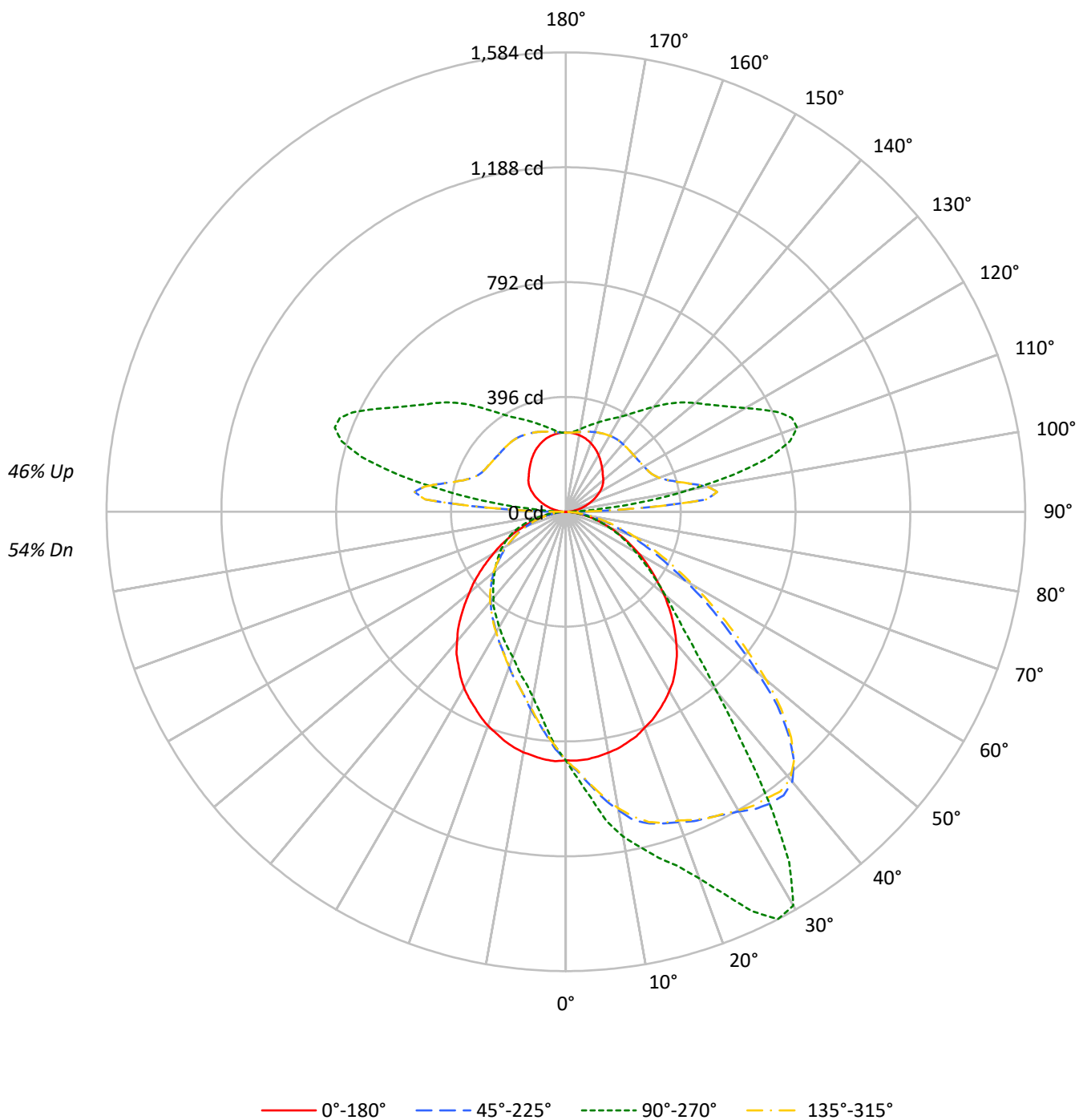
Lumens per Lamp: N/A  
Luminaire Lumens: 4468.0 lumens  
Efficiency: N/A  
Efficacy: 113.4 lumens/watt  
Spacing Criteria (0/90/45): 1.23 / 1.43 / 1.52  
Luminous Opening: Rectangular w/ Sides (W: 0.42' x L: 4' x H: 0.1')  
CIE Type: General Diffuse

Input Watts (W): 39.4  
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: P1028143

CATALOG NUMBER: S125DIP-B610D610UB50-4F0-XX-W2A-A4

### Luminous Intensity Polar Plot



TEST NUMBER: P1028143

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**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   | 108 | 108 | 108 | 108 | 100 | 100 | 100 | 100 | 86 | 86 | 86 | 72 | 72 | 72 | 60 | 60 | 60 |
| 1   | 99  | 95  | 91  | 87  | 92  | 88  | 85  | 82  | 76 | 73 | 71 | 64 | 62 | 61 | 53 | 52 | 51 |
| 2   | 90  | 83  | 77  | 72  | 84  | 77  | 72  | 67  | 66 | 62 | 59 | 56 | 54 | 51 | 47 | 45 | 43 |
| 3   | 83  | 73  | 66  | 60  | 76  | 68  | 62  | 57  | 59 | 54 | 50 | 50 | 46 | 43 | 42 | 39 | 37 |
| 4   | 76  | 65  | 57  | 51  | 70  | 61  | 54  | 48  | 52 | 47 | 43 | 45 | 41 | 37 | 38 | 35 | 32 |
| 5   | 69  | 58  | 50  | 44  | 64  | 54  | 47  | 41  | 47 | 41 | 37 | 40 | 36 | 32 | 34 | 31 | 28 |
| 6   | 64  | 52  | 44  | 38  | 59  | 49  | 41  | 36  | 42 | 37 | 32 | 36 | 32 | 28 | 31 | 27 | 25 |
| 7   | 59  | 47  | 39  | 33  | 55  | 44  | 37  | 32  | 38 | 33 | 28 | 33 | 29 | 25 | 28 | 25 | 22 |
| 8   | 55  | 43  | 35  | 30  | 51  | 40  | 33  | 28  | 35 | 29 | 25 | 30 | 26 | 23 | 26 | 22 | 20 |
| 9   | 51  | 39  | 31  | 26  | 47  | 37  | 30  | 25  | 32 | 27 | 23 | 28 | 23 | 20 | 24 | 20 | 18 |
| 10  | 48  | 36  | 28  | 24  | 44  | 34  | 27  | 23  | 30 | 24 | 20 | 26 | 21 | 18 | 22 | 19 | 16 |

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

|     | 0°   | 90°   | 180° | 270° |
|-----|------|-------|------|------|
| 0°  | 5492 | 5492  | 5492 | 5492 |
| 5°  | 5497 | 6231  | 5501 | 4727 |
| 10° | 5463 | 7102  | 5454 | 4057 |
| 15° | 5423 | 7700  | 5389 | 3666 |
| 20° | 5355 | 8438  | 5305 | 3347 |
| 25° | 5293 | 9668  | 5197 | 3158 |
| 30° | 5206 | 10200 | 5116 | 2987 |
| 35° | 5068 | 8176  | 4962 | 2849 |
| 40° | 4853 | 5651  | 4781 | 2704 |
| 45° | 4580 | 4207  | 4529 | 2583 |
| 50° | 4269 | 3464  | 4198 | 2486 |
| 55° | 3932 | 2954  | 3901 | 2402 |
| 60° | 3602 | 2529  | 3540 | 2337 |
| 65° | 3246 | 2184  | 3194 | 2242 |
| 70° | 2870 | 1813  | 2833 | 2077 |
| 75° | 2473 | 1403  | 2439 | 1802 |
| 80° | 1952 | 948   | 1881 | 1325 |
| 85° | 1246 | 474   | 1206 | 676  |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 135°

Vertical Angle: 45°

Luminance: 8389 cd/sqm

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 82.5   | 1.8       |
| 10°-20°   | 245.7  | 5.5       |
| 20°-30°   | 399.2  | 8.9       |
| 30°-40°   | 487.9  | 10.9      |
| 40°-50°   | 442.5  | 9.9       |
| 50°-60°   | 352.5  | 7.9       |
| 60°-70°   | 245.5  | 5.5       |
| 70°-80°   | 130.8  | 2.9       |
| 80°-90°   | 33.5   | 0.8       |
| 90°-100°  | 198.3  | 4.4       |
| 100°-110° | 427.7  | 9.6       |
| 110°-120° | 398.7  | 8.9       |
| 120°-130° | 323.0  | 7.2       |
| 130°-140° | 259.3  | 5.8       |
| 140°-150° | 195.6  | 4.4       |
| 150°-160° | 137.7  | 3.1       |
| 160°-170° | 81.2   | 1.8       |
| 170°-180° | 26.4   | 0.6       |
| 0°-30°    | 727.4  | 16.3      |
| 0°-40°    | 1215.3 | 27.2      |
| 0°-60°    | 2010.3 | 45.0      |
| 0°-90°    | 2420.1 | 54.2      |
| 90°-120°  | 1024.8 | 22.9      |
| 90°-150°  | 1802.6 | 40.3      |
| 90°-180°  | 2048.0 | 45.8      |
| 0°-180°   | 4468.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°  | 90°  | 180° | 270° | 360° | Flux |
|------|-----|------|------|------|------|------|
| 0°   | 857 | 857  | 857  | 857  | 857  |      |
| 5°   | 856 | 989  | 857  | 750  | 856  | 81   |
| 15°  | 823 | 1235 | 818  | 588  | 823  | 232  |
| 25°  | 758 | 1519 | 744  | 496  | 758  | 349  |
| 35°  | 659 | 1220 | 646  | 425  | 659  | 412  |
| 45°  | 518 | 575  | 512  | 353  | 518  | 399  |
| 55°  | 365 | 354  | 362  | 288  | 365  | 326  |
| 65°  | 226 | 218  | 222  | 223  | 226  | 224  |
| 75°  | 109 | 107  | 108  | 138  | 109  | 116  |
| 85°  | 22  | 24   | 21   | 34   | 22   | 26   |
| 90°  | 0   | 13   | 0    | 13   | 0    | 3    |
| 95°  | 18  | 129  | 18   | 129  | 18   | 19   |
| 105° | 62  | 728  | 62   | 728  | 62   | 65   |
| 115° | 111 | 811  | 111  | 811  | 111  | 109  |
| 125° | 154 | 639  | 154  | 639  | 154  | 137  |
| 135° | 180 | 531  | 180  | 531  | 180  | 140  |
| 145° | 210 | 419  | 210  | 419  | 210  | 132  |
| 155° | 240 | 351  | 240  | 351  | 240  | 110  |
| 165° | 262 | 308  | 262  | 308  | 262  | 74   |
| 175° | 272 | 276  | 272  | 276  | 272  | 26   |
| 180° | 273 | 273  | 273  | 273  | 273  |      |

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**CANDELA DISTRIBUTION (FULL):**

|        | 0°    | 5°    | 10°   | 15°   | 20°   | 22.5° | 25°    | 30°    | 35°    | 40°    | 45°    |
|--------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|
| 0°     | 857.2 | 857.2 | 857.2 | 857.2 | 857.2 | 857.2 | 857.2  | 857.2  | 857.2  | 857.2  | 857.2  |
| 2.5°   | 858.7 | 863.8 | 869.6 | 874.0 | 881.3 | 883.4 | 887.1  | 889.3  | 891.4  | 893.6  | 895.1  |
| 5°     | 856.5 | 868.9 | 879.8 | 887.8 | 901.6 | 906.7 | 913.3  | 921.3  | 930.7  | 938.7  | 943.8  |
| 7.5°   | 850.7 | 870.3 | 884.9 | 900.9 | 919.8 | 932.2 | 938.7  | 955.5  | 970.8  | 982.4  | 997.7  |
| 10°    | 843.4 | 866.7 | 889.3 | 913.3 | 940.2 | 954.0 | 967.1  | 990.4  | 1011.5 | 1030.4 | 1045.7 |
| 12.5°  | 835.4 | 863.8 | 890.7 | 922.0 | 958.4 | 975.1 | 983.9  | 1023.9 | 1050.1 | 1060.3 | 1090.1 |
| 15°    | 823.0 | 856.5 | 895.1 | 933.6 | 964.2 | 983.9 | 1007.9 | 1039.9 | 1066.1 | 1088.6 | 1112.7 |
| 17.5°  | 811.4 | 847.8 | 887.1 | 930.0 | 974.4 | 999.9 | 1018.1 | 1046.4 | 1074.8 | 1103.9 | 1126.5 |
| 20°    | 792.5 | 839.8 | 879.8 | 925.6 | 978.0 | 996.2 | 1015.1 | 1048.6 | 1079.2 | 1110.5 | 1138.9 |
| 22.5°  | 777.2 | 822.3 | 876.9 | 920.5 | 964.9 | 983.1 | 1006.4 | 1041.3 | 1077.7 | 1113.4 | 1154.9 |
| 25°    | 757.5 | 807.8 | 855.1 | 901.6 | 947.5 | 967.1 | 988.2  | 1033.3 | 1071.2 | 1117.0 | 1162.9 |
| 27.5°  | 736.4 | 788.1 | 835.4 | 877.6 | 920.5 | 947.5 | 970.0  | 1017.3 | 1067.5 | 1117.8 | 1177.4 |
| 30°    | 713.9 | 762.6 | 807.8 | 849.2 | 896.5 | 924.2 | 946.7  | 1002.1 | 1058.1 | 1122.1 | 1193.4 |
| 32.5°  | 689.9 | 735.7 | 774.3 | 816.5 | 866.7 | 892.2 | 922.7  | 983.1  | 1049.4 | 1125.8 | 1215.3 |
| 35°    | 659.3 | 703.0 | 737.2 | 780.1 | 830.3 | 863.1 | 895.1  | 962.8  | 1039.9 | 1125.0 | 1227.6 |
| 37.5°  | 628.7 | 662.9 | 695.7 | 741.5 | 799.7 | 829.6 | 863.1  | 937.3  | 1025.3 | 1122.9 | 1232.7 |
| 40°    | 592.4 | 625.8 | 654.2 | 700.8 | 761.9 | 796.1 | 831.0  | 908.9  | 1008.6 | 1114.8 | 1214.5 |
| 42.5°  | 556.0 | 584.3 | 615.6 | 664.4 | 723.3 | 759.7 | 796.8  | 883.4  | 986.8  | 1091.6 | 1164.3 |
| 45°    | 518.1 | 540.0 | 574.2 | 618.5 | 681.1 | 716.1 | 758.3  | 852.1  | 956.2  | 1049.4 | 1085.7 |
| 47.5°  | 478.8 | 500.7 | 532.7 | 575.6 | 637.5 | 678.9 | 719.0  | 812.8  | 917.6  | 989.7  | 989.7  |
| 50°    | 441.0 | 458.5 | 489.7 | 532.7 | 595.3 | 633.1 | 673.9  | 773.6  | 858.0  | 911.1  | 863.8  |
| 52.5°  | 400.2 | 419.9 | 446.1 | 491.2 | 553.1 | 587.3 | 631.6  | 716.8  | 796.8  | 818.7  | 745.9  |
| 55°    | 364.6 | 380.6 | 405.3 | 448.3 | 505.8 | 541.4 | 579.3  | 660.8  | 728.4  | 727.0  | 649.1  |
| 57.5°  | 327.5 | 340.6 | 366.8 | 406.1 | 459.2 | 491.2 | 529.0  | 599.6  | 654.9  | 635.3  | 561.8  |
| 60°    | 293.3 | 302.7 | 328.2 | 360.2 | 411.2 | 441.0 | 477.4  | 534.9  | 577.1  | 549.4  | 475.2  |
| 62.5°  | 257.6 | 268.5 | 288.9 | 320.2 | 365.3 | 389.3 | 416.2  | 474.5  | 501.4  | 476.6  | 401.0  |
| 65°    | 225.6 | 234.3 | 252.5 | 278.7 | 319.5 | 341.3 | 364.6  | 412.6  | 438.1  | 402.4  | 339.8  |
| 67.5°  | 193.6 | 203.8 | 216.9 | 240.1 | 272.2 | 292.5 | 312.9  | 354.4  | 366.0  | 334.0  | 281.6  |
| 70°    | 163.7 | 172.5 | 184.8 | 201.6 | 228.5 | 246.7 | 262.0  | 296.2  | 304.2  | 274.3  | 232.9  |
| 72.5°  | 134.6 | 140.4 | 150.6 | 164.5 | 189.2 | 199.4 | 215.4  | 238.7  | 248.9  | 222.0  | 192.1  |
| 75°    | 109.2 | 113.5 | 120.1 | 130.3 | 147.0 | 157.9 | 171.0  | 192.8  | 192.1  | 173.2  | 152.1  |
| 77.5°  | 84.4  | 85.1  | 92.4  | 101.9 | 112.1 | 121.5 | 128.1  | 143.4  | 144.8  | 133.2  | 115.7  |
| 80°    | 60.4  | 62.6  | 65.5  | 72.8  | 81.5  | 85.1  | 93.1   | 102.6  | 104.1  | 95.3   | 83.7   |
| 82.5°  | 38.6  | 40.0  | 42.2  | 46.6  | 52.4  | 56.8  | 61.1   | 64.8   | 68.4   | 63.3   | 53.9   |
| 85°    | 21.8  | 22.6  | 24.7  | 26.2  | 29.1  | 31.3  | 34.9   | 38.6   | 37.8   | 34.2   | 31.3   |
| 87.5°  | 10.9  | 10.9  | 10.9  | 12.4  | 13.8  | 13.8  | 15.3   | 16.0   | 16.7   | 15.3   | 13.8   |
| 90°    | 0.5   | 1.1   | 2.2   | 3.3   | 4.4   | 5.0   | 5.5    | 6.0    | 7.1    | 7.7    | 8.8    |
| 92.5°  | 8.2   | 9.9   | 15.4  | 23.6  | 35.2  | 45.1  | 55.0   | 92.4   | 155.0  | 223.2  | 219.3  |
| 95°    | 18.1  | 18.7  | 23.1  | 29.1  | 41.2  | 53.6  | 66.0   | 124.8  | 245.7  | 397.4  | 487.0  |
| 97.5°  | 28.0  | 28.6  | 31.9  | 37.9  | 48.9  | 58.0  | 67.1   | 107.7  | 200.6  | 364.5  | 526.1  |
| 100°   | 38.5  | 39.6  | 41.8  | 47.8  | 58.3  | 66.6  | 74.8   | 106.6  | 178.1  | 316.6  | 496.4  |
| 102.5° | 50.0  | 50.6  | 52.2  | 58.8  | 68.2  | 76.2  | 84.1   | 111.6  | 168.8  | 280.4  | 444.2  |
| 105°   | 62.1  | 62.1  | 64.9  | 70.4  | 79.2  | 86.9  | 94.6   | 118.7  | 167.7  | 259.5  | 398.5  |
| 107.5° | 73.7  | 74.8  | 77.5  | 81.9  | 91.3  | 98.2  | 105.0  | 128.6  | 171.5  | 248.5  | 364.5  |
| 110°   | 86.3  | 87.4  | 89.6  | 94.6  | 102.8 | 110.0 | 117.1  | 139.6  | 177.6  | 244.1  | 341.9  |

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**CANDELA DISTRIBUTION (continued):**

|        | 0°    | 5°    | 10°   | 15°   | 20°   | 22.5° | 25°   | 30°   | 35°   | 40°   | 45°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 98.9  | 100.0 | 101.7 | 106.6 | 114.9 | 121.8 | 128.6 | 150.1 | 185.3 | 244.1 | 328.7 |
| 115°   | 111.0 | 112.1 | 113.8 | 118.7 | 127.0 | 133.8 | 140.7 | 161.1 | 192.9 | 245.7 | 319.9 |
| 117.5° | 122.0 | 123.7 | 125.3 | 130.3 | 139.6 | 146.2 | 152.8 | 172.1 | 201.7 | 248.5 | 315.0 |
| 120°   | 133.0 | 134.7 | 136.9 | 141.8 | 151.2 | 158.0 | 164.9 | 184.2 | 210.5 | 252.9 | 311.7 |
| 122.5° | 144.6 | 145.7 | 147.3 | 152.3 | 162.7 | 169.6 | 176.5 | 195.7 | 220.4 | 256.7 | 308.9 |
| 125°   | 153.9 | 155.0 | 157.8 | 162.7 | 173.2 | 180.4 | 187.5 | 205.6 | 229.2 | 261.1 | 306.7 |
| 127.5° | 161.6 | 163.3 | 166.6 | 172.6 | 183.6 | 190.8 | 197.9 | 215.5 | 237.5 | 266.1 | 305.6 |
| 130°   | 168.8 | 170.4 | 174.8 | 182.0 | 193.5 | 200.6 | 207.8 | 224.8 | 245.7 | 270.5 | 304.5 |
| 132.5° | 174.3 | 176.5 | 182.0 | 190.2 | 202.3 | 209.4 | 216.6 | 233.6 | 252.9 | 275.4 | 304.5 |
| 135°   | 180.3 | 182.5 | 189.1 | 197.9 | 209.4 | 216.8 | 224.3 | 241.3 | 259.5 | 279.8 | 304.5 |
| 137.5° | 188.0 | 189.7 | 195.7 | 204.5 | 216.0 | 223.7 | 231.4 | 246.8 | 264.4 | 284.2 | 305.1 |
| 140°   | 194.6 | 196.2 | 202.8 | 211.6 | 222.1 | 229.5 | 236.9 | 252.9 | 269.4 | 286.9 | 305.6 |
| 142.5° | 202.3 | 203.4 | 209.4 | 218.2 | 228.1 | 235.0 | 241.9 | 256.7 | 272.1 | 288.6 | 306.2 |
| 145°   | 210.0 | 211.1 | 216.6 | 224.3 | 234.2 | 240.5 | 246.8 | 261.1 | 274.9 | 289.7 | 305.6 |
| 147.5° | 218.2 | 218.8 | 223.7 | 230.9 | 239.7 | 245.4 | 251.2 | 263.9 | 276.5 | 290.2 | 304.5 |
| 150°   | 225.4 | 226.5 | 230.3 | 237.5 | 245.2 | 249.8 | 254.5 | 266.6 | 278.2 | 290.2 | 302.9 |
| 152.5° | 233.1 | 233.6 | 236.9 | 243.0 | 250.1 | 254.2 | 258.4 | 269.4 | 279.3 | 289.7 | 300.7 |
| 155°   | 239.7 | 239.7 | 243.0 | 248.5 | 254.0 | 257.8 | 261.7 | 271.0 | 279.8 | 288.6 | 297.9 |
| 157.5° | 245.7 | 245.7 | 248.5 | 253.4 | 258.4 | 261.4 | 264.4 | 272.7 | 280.4 | 287.5 | 295.2 |
| 160°   | 251.8 | 251.2 | 253.4 | 257.3 | 261.7 | 264.2 | 266.6 | 273.8 | 280.4 | 285.8 | 292.4 |
| 162.5° | 256.7 | 256.2 | 258.4 | 261.7 | 265.0 | 266.9 | 268.8 | 274.9 | 279.8 | 284.2 | 289.1 |
| 165°   | 261.7 | 260.6 | 262.2 | 265.0 | 267.2 | 268.8 | 270.5 | 274.9 | 279.3 | 282.6 | 285.8 |
| 167.5° | 265.0 | 264.4 | 265.5 | 267.2 | 268.8 | 269.9 | 271.0 | 274.9 | 278.2 | 279.8 | 282.6 |
| 170°   | 268.3 | 267.7 | 268.3 | 269.4 | 270.5 | 271.3 | 272.1 | 274.9 | 277.1 | 278.2 | 279.8 |
| 172.5° | 270.5 | 269.4 | 269.9 | 271.0 | 271.6 | 271.8 | 272.1 | 274.3 | 276.0 | 276.0 | 276.5 |
| 175°   | 272.1 | 271.0 | 271.6 | 272.1 | 272.1 | 272.1 | 272.1 | 273.8 | 274.9 | 274.3 | 274.3 |
| 177.5° | 273.2 | 272.1 | 272.1 | 272.7 | 272.1 | 272.1 | 272.1 | 273.2 | 273.8 | 272.7 | 272.7 |
| 180°   | 272.7 | 272.7 | 272.7 | 272.7 | 272.7 | 272.7 | 272.7 | 272.7 | 272.7 | 272.7 | 272.7 |

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**CANDELA DISTRIBUTION (continued):**

|        | 50°    | 55°    | 60°    | 65°    | 67.5°  | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 857.2  | 857.2  | 857.2  | 857.2  | 857.2  | 857.2  | 857.2  | 857.2  | 857.2  | 857.2  | 857.2  |
| 2.5°   | 896.5  | 901.6  | 906.0  | 909.6  | 912.5  | 916.9  | 914.0  | 914.7  | 916.2  | 919.1  | 919.1  |
| 5°     | 954.8  | 962.8  | 967.1  | 981.7  | 985.3  | 984.6  | 982.4  | 994.0  | 993.3  | 989.0  | 988.2  |
| 7.5°   | 1011.5 | 1025.3 | 1037.7 | 1049.4 | 1053.0 | 1062.5 | 1064.6 | 1069.7 | 1068.3 | 1075.5 | 1071.9 |
| 10°    | 1063.2 | 1085.0 | 1096.7 | 1114.1 | 1118.5 | 1122.9 | 1128.7 | 1131.6 | 1138.1 | 1137.4 | 1137.4 |
| 12.5°  | 1103.2 | 1129.4 | 1144.7 | 1149.0 | 1165.8 | 1170.9 | 1176.0 | 1185.4 | 1183.2 | 1184.0 | 1188.3 |
| 15°    | 1134.5 | 1160.0 | 1173.1 | 1193.4 | 1205.1 | 1210.9 | 1219.6 | 1229.8 | 1228.4 | 1234.9 | 1233.5 |
| 17.5°  | 1157.8 | 1181.8 | 1205.8 | 1236.4 | 1237.1 | 1252.4 | 1272.8 | 1277.1 | 1286.6 | 1280.0 | 1280.0 |
| 20°    | 1176.7 | 1208.7 | 1242.9 | 1282.2 | 1286.6 | 1296.0 | 1320.8 | 1337.5 | 1348.4 | 1344.8 | 1347.0 |
| 22.5°  | 1197.1 | 1242.9 | 1282.9 | 1322.2 | 1343.3 | 1360.1 | 1384.1 | 1410.3 | 1419.8 | 1425.6 | 1424.1 |
| 25°    | 1223.3 | 1271.3 | 1330.2 | 1384.8 | 1406.7 | 1438.7 | 1470.7 | 1496.2 | 1503.4 | 1519.4 | 1504.9 |
| 27.5°  | 1250.2 | 1317.9 | 1391.4 | 1455.4 | 1483.1 | 1509.3 | 1547.8 | 1566.8 | 1576.2 | 1583.5 | 1578.4 |
| 30°    | 1272.8 | 1365.9 | 1446.0 | 1504.9 | 1524.5 | 1539.8 | 1561.7 | 1566.0 | 1562.4 | 1568.2 | 1575.5 |
| 32.5°  | 1307.7 | 1398.7 | 1466.3 | 1494.7 | 1492.5 | 1491.8 | 1475.1 | 1451.8 | 1446.7 | 1432.9 | 1451.8 |
| 35°    | 1326.6 | 1399.4 | 1425.6 | 1387.7 | 1372.5 | 1344.8 | 1291.7 | 1256.7 | 1226.2 | 1219.6 | 1221.1 |
| 37.5°  | 1315.7 | 1344.1 | 1312.8 | 1213.1 | 1188.3 | 1146.1 | 1075.5 | 1026.1 | 1003.5 | 986.0  | 1008.6 |
| 40°    | 1256.7 | 1225.5 | 1139.6 | 1018.1 | 982.4  | 942.4  | 876.2  | 849.2  | 817.2  | 810.7  | 840.5  |
| 42.5°  | 1159.2 | 1063.9 | 942.4  | 848.5  | 811.4  | 788.8  | 733.5  | 708.1  | 685.5  | 675.3  | 692.0  |
| 45°    | 1026.8 | 911.1  | 788.8  | 711.7  | 680.4  | 653.5  | 620.7  | 593.8  | 579.3  | 574.9  | 588.7  |
| 47.5°  | 890.0  | 767.7  | 670.2  | 612.7  | 580.0  | 559.6  | 529.0  | 513.8  | 502.1  | 503.6  | 505.8  |
| 50°    | 759.0  | 647.7  | 572.7  | 515.2  | 499.2  | 483.2  | 462.8  | 449.7  | 443.9  | 446.1  | 444.6  |
| 52.5°  | 646.2  | 556.0  | 492.7  | 448.3  | 441.0  | 425.7  | 409.0  | 398.1  | 395.9  | 396.6  | 398.8  |
| 55°    | 547.2  | 476.6  | 426.4  | 394.4  | 386.4  | 375.5  | 365.3  | 358.0  | 352.2  | 354.4  | 353.7  |
| 57.5°  | 472.3  | 410.4  | 371.9  | 345.7  | 339.8  | 333.3  | 323.8  | 320.2  | 318.0  | 313.6  | 317.3  |
| 60°    | 406.1  | 355.8  | 322.4  | 306.4  | 301.3  | 296.9  | 286.7  | 282.3  | 280.9  | 278.7  | 284.5  |
| 62.5°  | 343.5  | 307.8  | 282.3  | 267.8  | 262.7  | 258.3  | 253.2  | 249.6  | 250.3  | 247.4  | 250.3  |
| 65°    | 294.0  | 264.9  | 246.7  | 233.6  | 227.0  | 224.1  | 223.4  | 217.6  | 216.9  | 217.6  | 218.3  |
| 67.5°  | 248.1  | 223.4  | 209.6  | 201.6  | 196.5  | 193.6  | 191.4  | 187.7  | 190.7  | 188.5  | 189.9  |
| 70°    | 206.7  | 189.9  | 175.4  | 167.4  | 165.2  | 165.9  | 162.3  | 160.8  | 161.6  | 160.1  | 161.6  |
| 72.5°  | 166.6  | 152.8  | 147.0  | 141.2  | 138.3  | 137.5  | 135.4  | 133.2  | 135.4  | 134.6  | 134.6  |
| 75°    | 133.2  | 123.0  | 116.4  | 112.8  | 112.8  | 111.3  | 107.7  | 107.7  | 107.7  | 107.0  | 107.7  |
| 77.5°  | 102.6  | 93.9   | 91.0   | 87.3   | 87.3   | 85.1   | 84.4   | 84.4   | 83.0   | 85.1   | 83.7   |
| 80°    | 76.4   | 69.9   | 65.5   | 63.3   | 63.3   | 62.6   | 61.1   | 60.4   | 61.1   | 60.4   | 60.4   |
| 82.5°  | 49.5   | 46.6   | 44.4   | 42.2   | 41.5   | 42.2   | 41.5   | 40.0   | 40.8   | 40.0   | 41.5   |
| 85°    | 28.4   | 25.5   | 25.5   | 24.0   | 24.7   | 23.3   | 24.0   | 22.6   | 21.8   | 24.0   | 22.6   |
| 87.5°  | 12.4   | 11.6   | 11.6   | 10.2   | 10.2   | 10.2   | 9.5    | 10.2   | 9.5    | 8.7    | 9.5    |
| 90°    | 9.3    | 9.9    | 10.4   | 11.0   | 11.6   | 12.1   | 12.1   | 12.1   | 12.6   | 12.6   | 12.6   |
| 92.5°  | 177.0  | 119.3  | 85.8   | 63.8   | 58.6   | 53.3   | 44.5   | 42.9   | 41.8   | 40.7   | 41.8   |
| 95°    | 476.6  | 395.2  | 311.7  | 244.1  | 221.0  | 197.9  | 158.9  | 142.4  | 138.0  | 129.2  | 138.0  |
| 97.5°  | 595.3  | 566.8  | 500.2  | 432.1  | 399.1  | 366.1  | 333.1  | 304.5  | 289.7  | 283.1  | 289.7  |
| 100°   | 633.8  | 676.1  | 649.2  | 592.6  | 564.0  | 535.4  | 497.5  | 457.9  | 437.6  | 428.8  | 437.6  |
| 102.5° | 610.7  | 713.0  | 740.5  | 720.7  | 703.7  | 686.6  | 645.4  | 620.1  | 597.5  | 591.5  | 597.5  |
| 105°   | 556.3  | 688.2  | 763.5  | 787.7  | 784.7  | 781.7  | 764.1  | 746.0  | 735.0  | 728.4  | 735.0  |
| 107.5° | 504.6  | 637.7  | 737.2  | 795.4  | 807.5  | 819.6  | 824.6  | 821.8  | 816.3  | 810.8  | 816.3  |
| 110°   | 461.8  | 580.5  | 684.9  | 762.4  | 785.8  | 809.2  | 833.9  | 844.4  | 848.2  | 848.2  | 848.2  |

TEST NUMBER: P1028143

CATALOG NUMBER: S125DIP-B610D610UB50-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 50°   | 55°   | 60°   | 65°   | 67.5° | 70°   | 75°   | 80°   | 85°   | 90°   | 95°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 429.9 | 535.4 | 633.3 | 711.9 | 740.4 | 769.0 | 808.1 | 827.9 | 838.9 | 843.8 | 838.9 |
| 115°   | 408.4 | 499.1 | 584.3 | 659.7 | 689.7 | 719.6 | 762.4 | 788.8 | 804.2 | 811.4 | 804.2 |
| 117.5° | 394.1 | 473.9 | 549.2 | 615.1 | 643.4 | 671.7 | 715.2 | 742.7 | 758.1 | 762.4 | 758.1 |
| 120°   | 382.6 | 454.1 | 520.0 | 580.5 | 604.7 | 628.9 | 669.5 | 695.9 | 710.8 | 715.2 | 710.8 |
| 122.5° | 372.7 | 439.2 | 499.1 | 551.4 | 573.6 | 595.9 | 631.1 | 654.7 | 669.5 | 673.4 | 669.5 |
| 125°   | 363.9 | 424.9 | 481.0 | 528.8 | 548.6 | 568.4 | 599.2 | 621.7 | 633.8 | 639.3 | 633.8 |
| 127.5° | 355.7 | 410.1 | 463.4 | 508.5 | 527.2 | 545.9 | 573.9 | 594.2 | 605.8 | 608.0 | 605.8 |
| 130°   | 347.4 | 396.3 | 444.7 | 487.6 | 505.4 | 523.3 | 550.8 | 569.0 | 579.9 | 583.2 | 579.9 |
| 132.5° | 340.8 | 382.6 | 427.1 | 465.1 | 482.1 | 499.1 | 526.6 | 544.8 | 554.7 | 558.5 | 554.7 |
| 135°   | 335.9 | 371.1 | 409.0 | 444.2 | 459.8 | 475.5 | 499.7 | 517.8 | 527.7 | 531.0 | 527.7 |
| 137.5° | 330.9 | 360.6 | 392.5 | 422.7 | 436.4 | 450.2 | 472.2 | 489.2 | 498.6 | 502.4 | 498.6 |
| 140°   | 327.6 | 352.4 | 378.2 | 403.5 | 415.0 | 426.6 | 446.9 | 461.2 | 469.5 | 472.2 | 469.5 |
| 142.5° | 324.9 | 345.2 | 366.1 | 387.0 | 396.6 | 406.2 | 422.7 | 434.3 | 442.0 | 444.2 | 442.0 |
| 145°   | 322.1 | 339.2 | 356.2 | 373.3 | 380.7 | 388.1 | 401.3 | 410.6 | 416.7 | 418.9 | 416.7 |
| 147.5° | 319.4 | 333.1 | 347.4 | 361.2 | 367.0 | 372.7 | 383.7 | 391.4 | 395.2 | 396.3 | 395.2 |
| 150°   | 316.1 | 328.2 | 340.3 | 350.7 | 355.6 | 360.6 | 368.9 | 375.5 | 377.7 | 378.2 | 377.7 |
| 152.5° | 312.2 | 322.7 | 333.1 | 342.5 | 346.0 | 349.6 | 356.2 | 361.2 | 363.4 | 363.9 | 363.4 |
| 155°   | 307.8 | 317.2 | 326.0 | 333.7 | 336.7 | 339.7 | 345.2 | 349.1 | 350.7 | 351.3 | 350.7 |
| 157.5° | 304.0 | 311.7 | 319.4 | 325.4 | 327.9 | 330.4 | 334.8 | 338.1 | 339.7 | 339.7 | 339.7 |
| 160°   | 299.0 | 306.2 | 311.7 | 317.2 | 319.1 | 321.0 | 324.9 | 327.6 | 328.7 | 328.2 | 328.7 |
| 162.5° | 294.6 | 300.1 | 305.1 | 309.5 | 311.2 | 312.8 | 315.5 | 317.7 | 317.7 | 317.7 | 317.7 |
| 165°   | 290.2 | 294.6 | 298.5 | 301.8 | 303.2 | 304.5 | 306.7 | 307.8 | 307.8 | 307.8 | 307.8 |
| 167.5° | 285.8 | 289.1 | 291.9 | 294.6 | 295.7 | 296.8 | 297.9 | 299.0 | 298.5 | 298.5 | 298.5 |
| 170°   | 282.0 | 284.7 | 286.4 | 288.0 | 288.6 | 289.1 | 290.2 | 290.8 | 290.8 | 290.2 | 290.8 |
| 172.5° | 278.2 | 279.8 | 281.5 | 282.6 | 282.8 | 283.1 | 283.1 | 284.2 | 283.1 | 282.6 | 283.1 |
| 175°   | 274.9 | 276.5 | 276.5 | 277.6 | 277.6 | 277.6 | 277.6 | 278.2 | 277.1 | 276.5 | 277.1 |
| 177.5° | 273.2 | 273.8 | 274.3 | 274.3 | 274.3 | 274.3 | 273.8 | 274.3 | 272.7 | 272.7 | 272.7 |
| 180°   | 272.7 | 272.7 | 272.7 | 272.7 | 272.7 | 272.7 | 272.7 | 272.7 | 272.7 | 272.7 | 272.7 |

TEST NUMBER: P1028143

CATALOG NUMBER: S125DIP-B610D610UB50-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 100°   | 105°   | 110°   | 112.5° | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 857.2  | 857.2  | 857.2  | 857.2  | 857.2  | 857.2  | 857.2  | 857.2  | 857.2  | 857.2  | 857.2  |
| 2.5°   | 917.6  | 912.5  | 914.0  | 912.5  | 908.9  | 906.7  | 900.9  | 893.6  | 890.7  | 887.1  | 884.9  |
| 5°     | 991.1  | 987.5  | 986.8  | 980.9  | 979.5  | 970.8  | 956.2  | 948.9  | 940.2  | 931.5  | 922.7  |
| 7.5°   | 1071.2 | 1066.8 | 1052.3 | 1050.1 | 1051.5 | 1040.6 | 1021.7 | 1007.1 | 989.0  | 976.6  | 959.8  |
| 10°    | 1137.4 | 1128.7 | 1116.3 | 1117.0 | 1111.9 | 1097.4 | 1078.5 | 1063.2 | 1037.0 | 1021.0 | 997.0  |
| 12.5°  | 1177.4 | 1170.2 | 1168.7 | 1161.4 | 1157.1 | 1138.1 | 1115.6 | 1095.9 | 1076.3 | 1054.4 | 1036.3 |
| 15°    | 1226.2 | 1216.7 | 1210.2 | 1200.0 | 1197.1 | 1177.4 | 1152.7 | 1130.1 | 1107.6 | 1087.2 | 1048.6 |
| 17.5°  | 1280.0 | 1269.8 | 1245.1 | 1242.9 | 1225.5 | 1206.5 | 1182.5 | 1149.0 | 1125.0 | 1095.9 | 1067.5 |
| 20°    | 1341.2 | 1326.6 | 1294.6 | 1286.6 | 1272.8 | 1241.5 | 1208.7 | 1171.6 | 1133.0 | 1103.2 | 1069.7 |
| 22.5°  | 1409.6 | 1384.1 | 1360.8 | 1335.3 | 1325.2 | 1286.6 | 1241.5 | 1196.3 | 1149.8 | 1109.0 | 1069.0 |
| 25°    | 1498.3 | 1464.9 | 1432.1 | 1406.7 | 1389.2 | 1339.0 | 1278.6 | 1218.9 | 1165.1 | 1111.9 | 1059.5 |
| 27.5°  | 1568.2 | 1539.1 | 1503.4 | 1470.0 | 1447.4 | 1387.7 | 1318.6 | 1241.5 | 1174.5 | 1109.8 | 1053.7 |
| 30°    | 1573.3 | 1564.6 | 1542.7 | 1524.5 | 1499.8 | 1435.8 | 1359.4 | 1272.0 | 1189.1 | 1110.5 | 1042.1 |
| 32.5°  | 1478.0 | 1495.4 | 1504.9 | 1507.8 | 1502.7 | 1465.6 | 1395.7 | 1299.7 | 1202.2 | 1103.9 | 1031.9 |
| 35°    | 1272.8 | 1319.3 | 1376.8 | 1398.7 | 1419.8 | 1439.4 | 1403.0 | 1319.3 | 1206.5 | 1102.5 | 1015.9 |
| 37.5°  | 1047.9 | 1090.1 | 1185.4 | 1229.1 | 1253.8 | 1331.7 | 1361.5 | 1316.4 | 1215.3 | 1103.9 | 1000.6 |
| 40°    | 845.6  | 912.5  | 980.9  | 1039.9 | 1078.5 | 1165.8 | 1258.2 | 1268.4 | 1202.9 | 1090.1 | 980.9  |
| 42.5°  | 711.7  | 751.0  | 802.7  | 857.2  | 891.4  | 994.8  | 1119.9 | 1193.4 | 1164.3 | 1067.5 | 956.9  |
| 45°    | 606.2  | 635.3  | 684.0  | 702.2  | 745.9  | 844.9  | 977.3  | 1083.6 | 1098.1 | 1031.9 | 929.3  |
| 47.5°  | 520.3  | 545.1  | 576.3  | 598.9  | 633.8  | 708.1  | 820.1  | 937.3  | 1007.1 | 983.1  | 890.7  |
| 50°    | 458.5  | 478.8  | 505.0  | 518.1  | 540.7  | 607.6  | 692.0  | 808.5  | 902.4  | 910.4  | 840.5  |
| 52.5°  | 406.8  | 418.4  | 438.8  | 453.4  | 471.6  | 512.3  | 588.7  | 684.8  | 790.3  | 834.0  | 778.6  |
| 55°    | 361.7  | 371.1  | 389.3  | 398.8  | 408.2  | 443.2  | 502.8  | 590.2  | 689.1  | 746.6  | 715.3  |
| 57.5°  | 320.9  | 328.9  | 344.2  | 352.9  | 358.0  | 391.5  | 437.4  | 505.8  | 594.5  | 664.4  | 646.9  |
| 60°    | 287.4  | 294.7  | 303.5  | 310.0  | 315.8  | 343.5  | 375.5  | 430.8  | 510.1  | 577.8  | 573.4  |
| 62.5°  | 251.8  | 258.3  | 267.8  | 274.3  | 279.4  | 296.9  | 323.8  | 366.0  | 433.7  | 496.3  | 508.7  |
| 65°    | 220.5  | 225.6  | 232.1  | 235.0  | 241.6  | 254.7  | 276.5  | 314.4  | 369.7  | 425.7  | 434.4  |
| 67.5°  | 192.1  | 193.6  | 197.9  | 204.5  | 205.9  | 217.6  | 237.2  | 265.6  | 308.5  | 354.4  | 368.2  |
| 70°    | 161.6  | 163.7  | 167.4  | 172.5  | 175.4  | 182.7  | 199.4  | 218.3  | 255.4  | 295.4  | 305.6  |
| 72.5°  | 134.6  | 137.5  | 139.0  | 141.9  | 143.4  | 155.0  | 162.3  | 181.2  | 206.7  | 240.1  | 251.1  |
| 75°    | 109.2  | 112.1  | 112.8  | 114.2  | 115.7  | 120.8  | 131.0  | 142.6  | 163.7  | 185.6  | 200.1  |
| 77.5°  | 86.6   | 85.9   | 87.3   | 89.5   | 88.8   | 93.1   | 99.7   | 109.9  | 123.7  | 141.9  | 151.4  |
| 80°    | 61.1   | 61.1   | 63.3   | 65.5   | 64.8   | 69.1   | 71.3   | 78.6   | 90.2   | 101.9  | 105.5  |
| 82.5°  | 40.8   | 40.8   | 42.9   | 42.9   | 44.4   | 45.1   | 48.0   | 51.7   | 61.1   | 66.9   | 69.1   |
| 85°    | 23.3   | 23.3   | 24.0   | 24.0   | 24.0   | 25.5   | 27.7   | 29.1   | 32.0   | 35.7   | 37.1   |
| 87.5°  | 9.5    | 10.2   | 10.2   | 10.2   | 10.2   | 11.6   | 11.6   | 13.1   | 13.8   | 15.3   | 15.3   |
| 90°    | 12.1   | 12.1   | 12.1   | 11.6   | 11.0   | 10.4   | 9.9    | 9.3    | 8.8    | 7.7    | 7.1    |
| 92.5°  | 42.9   | 44.5   | 53.3   | 58.6   | 63.8   | 85.8   | 119.3  | 177.0  | 219.3  | 223.2  | 155.0  |
| 95°    | 142.4  | 158.9  | 197.9  | 221.0  | 244.1  | 311.7  | 395.2  | 476.6  | 487.0  | 397.4  | 245.7  |
| 97.5°  | 304.5  | 333.1  | 366.1  | 399.1  | 432.1  | 500.2  | 566.8  | 595.3  | 526.1  | 364.5  | 200.6  |
| 100°   | 457.9  | 497.5  | 535.4  | 564.0  | 592.6  | 649.2  | 676.1  | 633.8  | 496.4  | 316.6  | 178.1  |
| 102.5° | 620.1  | 645.4  | 686.6  | 703.7  | 720.7  | 740.5  | 713.0  | 610.7  | 444.2  | 280.4  | 168.8  |
| 105°   | 746.0  | 764.1  | 781.7  | 784.7  | 787.7  | 763.5  | 688.2  | 556.3  | 398.5  | 259.5  | 167.7  |
| 107.5° | 821.8  | 824.6  | 819.6  | 807.5  | 795.4  | 737.2  | 637.7  | 504.6  | 364.5  | 248.5  | 171.5  |
| 110°   | 844.4  | 833.9  | 809.2  | 785.8  | 762.4  | 684.9  | 580.5  | 461.8  | 341.9  | 244.1  | 177.6  |

TEST NUMBER: P1028143

CATALOG NUMBER: S125DIP-B610D610UB50-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 100°  | 105°  | 110°  | 112.5° | 115°  | 120°  | 125°  | 130°  | 135°  | 140°  | 145°  |
|--------|-------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 827.9 | 808.1 | 769.0 | 740.4  | 711.9 | 633.3 | 535.4 | 429.9 | 328.7 | 244.1 | 185.3 |
| 115°   | 788.8 | 762.4 | 719.6 | 689.7  | 659.7 | 584.3 | 499.1 | 408.4 | 319.9 | 245.7 | 192.9 |
| 117.5° | 742.7 | 715.2 | 671.7 | 643.4  | 615.1 | 549.2 | 473.9 | 394.1 | 315.0 | 248.5 | 201.7 |
| 120°   | 695.9 | 669.5 | 628.9 | 604.7  | 580.5 | 520.0 | 454.1 | 382.6 | 311.7 | 252.9 | 210.5 |
| 122.5° | 654.7 | 631.1 | 595.9 | 573.6  | 551.4 | 499.1 | 439.2 | 372.7 | 308.9 | 256.7 | 220.4 |
| 125°   | 621.7 | 599.2 | 568.4 | 548.6  | 528.8 | 481.0 | 424.9 | 363.9 | 306.7 | 261.1 | 229.2 |
| 127.5° | 594.2 | 573.9 | 545.9 | 527.2  | 508.5 | 463.4 | 410.1 | 355.7 | 305.6 | 266.1 | 237.5 |
| 130°   | 569.0 | 550.8 | 523.3 | 505.4  | 487.6 | 444.7 | 396.3 | 347.4 | 304.5 | 270.5 | 245.7 |
| 132.5° | 544.8 | 526.6 | 499.1 | 482.1  | 465.1 | 427.1 | 382.6 | 340.8 | 304.5 | 275.4 | 252.9 |
| 135°   | 517.8 | 499.7 | 475.5 | 459.8  | 444.2 | 409.0 | 371.1 | 335.9 | 304.5 | 279.8 | 259.5 |
| 137.5° | 489.2 | 472.2 | 450.2 | 436.4  | 422.7 | 392.5 | 360.6 | 330.9 | 305.1 | 284.2 | 264.4 |
| 140°   | 461.2 | 446.9 | 426.6 | 415.0  | 403.5 | 378.2 | 352.4 | 327.6 | 305.6 | 286.9 | 269.4 |
| 142.5° | 434.3 | 422.7 | 406.2 | 396.6  | 387.0 | 366.1 | 345.2 | 324.9 | 306.2 | 288.6 | 272.1 |
| 145°   | 410.6 | 401.3 | 388.1 | 380.7  | 373.3 | 356.2 | 339.2 | 322.1 | 305.6 | 289.7 | 274.9 |
| 147.5° | 391.4 | 383.7 | 372.7 | 367.0  | 361.2 | 347.4 | 333.1 | 319.4 | 304.5 | 290.2 | 276.5 |
| 150°   | 375.5 | 368.9 | 360.6 | 355.6  | 350.7 | 340.3 | 328.2 | 316.1 | 302.9 | 290.2 | 278.2 |
| 152.5° | 361.2 | 356.2 | 349.6 | 346.0  | 342.5 | 333.1 | 322.7 | 312.2 | 300.7 | 289.7 | 279.3 |
| 155°   | 349.1 | 345.2 | 339.7 | 336.7  | 333.7 | 326.0 | 317.2 | 307.8 | 297.9 | 288.6 | 279.8 |
| 157.5° | 338.1 | 334.8 | 330.4 | 327.9  | 325.4 | 319.4 | 311.7 | 304.0 | 295.2 | 287.5 | 280.4 |
| 160°   | 327.6 | 324.9 | 321.0 | 319.1  | 317.2 | 311.7 | 306.2 | 299.0 | 292.4 | 285.8 | 280.4 |
| 162.5° | 317.7 | 315.5 | 312.8 | 311.2  | 309.5 | 305.1 | 300.1 | 294.6 | 289.1 | 284.2 | 279.8 |
| 165°   | 307.8 | 306.7 | 304.5 | 303.2  | 301.8 | 298.5 | 294.6 | 290.2 | 285.8 | 282.6 | 279.3 |
| 167.5° | 299.0 | 297.9 | 296.8 | 295.7  | 294.6 | 291.9 | 289.1 | 285.8 | 282.6 | 279.8 | 278.2 |
| 170°   | 290.8 | 290.2 | 289.1 | 288.6  | 288.0 | 286.4 | 284.7 | 282.0 | 279.8 | 278.2 | 277.1 |
| 172.5° | 284.2 | 283.1 | 283.1 | 282.8  | 282.6 | 281.5 | 279.8 | 278.2 | 276.5 | 276.0 | 276.0 |
| 175°   | 278.2 | 277.6 | 277.6 | 277.6  | 277.6 | 276.5 | 276.5 | 274.9 | 274.3 | 274.3 | 274.9 |
| 177.5° | 274.3 | 273.8 | 274.3 | 274.3  | 274.3 | 274.3 | 273.8 | 273.2 | 272.7 | 272.7 | 273.8 |
| 180°   | 272.7 | 272.7 | 272.7 | 272.7  | 272.7 | 272.7 | 272.7 | 272.7 | 272.7 | 272.7 | 272.7 |

TEST NUMBER: P1028143

CATALOG NUMBER: S125DIP-B610D610UB50-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 150°   | 155°   | 157.5° | 160°  | 165°  | 170°  | 175°  | 180°  | 185°  | 190°  | 195°  |
|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 857.2  | 857.2  | 857.2  | 857.2 | 857.2 | 857.2 | 857.2 | 857.2 | 857.2 | 857.2 | 857.2 |
| 2.5°   | 882.0  | 878.3  | 874.0  | 874.0 | 868.9 | 866.7 | 862.3 | 860.9 | 857.2 | 851.4 | 847.0 |
| 5°     | 913.3  | 903.8  | 898.0  | 892.9 | 882.0 | 874.0 | 866.0 | 857.2 | 848.5 | 838.3 | 826.7 |
| 7.5°   | 943.8  | 926.4  | 918.4  | 909.6 | 893.6 | 876.9 | 860.9 | 849.2 | 837.6 | 821.6 | 807.0 |
| 10°    | 975.9  | 954.0  | 939.5  | 927.8 | 903.1 | 882.0 | 858.7 | 842.0 | 823.8 | 803.4 | 784.5 |
| 12.5°  | 1002.8 | 974.4  | 962.0  | 940.2 | 911.8 | 886.3 | 857.2 | 831.8 | 807.8 | 783.7 | 760.5 |
| 15°    | 1025.3 | 998.4  | 967.8  | 959.1 | 919.8 | 883.4 | 850.7 | 817.9 | 788.1 | 764.1 | 737.2 |
| 17.5°  | 1032.6 | 998.4  | 983.1  | 962.0 | 915.5 | 877.6 | 836.1 | 800.5 | 772.1 | 736.4 | 715.3 |
| 20°    | 1034.8 | 1002.1 | 980.9  | 961.3 | 919.8 | 869.6 | 828.9 | 785.2 | 751.0 | 715.3 | 681.9 |
| 22.5°  | 1029.0 | 990.4  | 970.0  | 951.1 | 904.5 | 861.6 | 814.3 | 766.3 | 726.3 | 693.5 | 660.0 |
| 25°    | 1018.1 | 972.9  | 953.3  | 932.9 | 888.5 | 841.2 | 789.6 | 743.7 | 706.6 | 667.3 | 634.6 |
| 27.5°  | 1003.5 | 951.8  | 929.3  | 908.2 | 864.5 | 820.1 | 771.4 | 724.1 | 682.6 | 641.1 | 610.5 |
| 30°    | 985.3  | 925.6  | 905.3  | 877.6 | 835.4 | 793.2 | 748.8 | 701.5 | 654.9 | 615.6 | 582.2 |
| 32.5°  | 962.0  | 899.4  | 872.5  | 846.3 | 800.5 | 761.9 | 719.7 | 675.3 | 630.2 | 591.6 | 556.7 |
| 35°    | 940.9  | 869.6  | 839.8  | 813.6 | 762.6 | 721.9 | 687.0 | 645.5 | 605.5 | 565.4 | 534.1 |
| 37.5°  | 912.5  | 839.8  | 804.1  | 777.2 | 725.5 | 684.0 | 651.3 | 619.3 | 577.1 | 538.5 | 509.4 |
| 40°    | 882.7  | 802.7  | 769.2  | 742.3 | 688.4 | 643.3 | 612.0 | 583.6 | 549.4 | 513.8 | 483.2 |
| 42.5°  | 855.8  | 767.0  | 731.3  | 698.6 | 644.0 | 604.0 | 572.0 | 550.1 | 518.9 | 486.8 | 459.2 |
| 45°    | 821.6  | 729.2  | 690.6  | 656.4 | 604.0 | 560.3 | 529.8 | 512.3 | 489.0 | 457.7 | 433.7 |
| 47.5°  | 786.6  | 688.4  | 648.4  | 614.9 | 558.2 | 519.6 | 489.7 | 473.0 | 457.0 | 432.3 | 408.2 |
| 50°    | 740.8  | 645.5  | 609.1  | 570.5 | 514.5 | 475.2 | 450.4 | 433.7 | 421.3 | 403.9 | 383.5 |
| 52.5°  | 690.6  | 601.1  | 561.8  | 528.3 | 473.0 | 437.4 | 409.0 | 399.5 | 387.1 | 374.0 | 356.6 |
| 55°    | 637.5  | 553.1  | 515.2  | 482.5 | 431.5 | 395.1 | 371.9 | 361.7 | 352.2 | 342.0 | 330.4 |
| 57.5°  | 584.3  | 502.8  | 467.2  | 438.1 | 390.8 | 355.8 | 336.9 | 323.1 | 316.6 | 310.7 | 301.3 |
| 60°    | 518.1  | 449.0  | 421.3  | 395.1 | 348.6 | 316.6 | 298.4 | 288.2 | 282.3 | 279.4 | 275.1 |
| 62.5°  | 459.9  | 403.1  | 372.6  | 347.1 | 310.0 | 281.6 | 264.2 | 256.2 | 251.1 | 249.6 | 244.5 |
| 65°    | 398.1  | 349.3  | 325.3  | 303.5 | 271.4 | 246.0 | 231.4 | 222.0 | 218.3 | 217.6 | 217.6 |
| 67.5°  | 339.8  | 300.5  | 276.5  | 261.2 | 233.6 | 211.0 | 197.2 | 193.6 | 191.4 | 188.5 | 187.7 |
| 70°    | 285.3  | 254.0  | 232.9  | 219.8 | 195.0 | 178.3 | 167.4 | 161.6 | 161.6 | 159.4 | 157.9 |
| 72.5°  | 237.2  | 205.9  | 192.1  | 181.2 | 160.8 | 146.3 | 138.3 | 136.8 | 131.7 | 131.0 | 131.0 |
| 75°    | 185.6  | 162.3  | 152.8  | 143.4 | 128.1 | 117.9 | 111.3 | 107.7 | 104.8 | 104.8 | 105.5 |
| 77.5°  | 139.7  | 123.7  | 115.0  | 107.7 | 96.8  | 90.2  | 85.1  | 83.7  | 80.8  | 80.8  | 80.8  |
| 80°    | 99.0   | 90.2   | 83.7   | 77.9  | 69.9  | 64.0  | 61.1  | 58.2  | 58.2  | 57.5  | 58.2  |
| 82.5°  | 64.0   | 56.8   | 53.1   | 52.4  | 45.1  | 42.9  | 39.3  | 40.0  | 37.8  | 37.1  | 38.6  |
| 85°    | 37.1   | 33.5   | 29.1   | 27.7  | 24.7  | 21.8  | 20.4  | 21.1  | 20.4  | 19.6  | 20.4  |
| 87.5°  | 14.6   | 12.4   | 11.6   | 11.6  | 9.5   | 8.7   | 8.0   | 8.7   | 7.3   | 7.3   | 8.0   |
| 90°    | 6.0    | 5.5    | 5.0    | 4.4   | 3.3   | 2.2   | 1.1   | 0.5   | 1.1   | 2.2   | 3.3   |
| 92.5°  | 92.4   | 55.0   | 45.1   | 35.2  | 23.6  | 15.4  | 9.9   | 8.2   | 9.9   | 15.4  | 23.6  |
| 95°    | 124.8  | 66.0   | 53.6   | 41.2  | 29.1  | 23.1  | 18.7  | 18.1  | 18.7  | 23.1  | 29.1  |
| 97.5°  | 107.7  | 67.1   | 58.0   | 48.9  | 37.9  | 31.9  | 28.6  | 28.0  | 28.6  | 31.9  | 37.9  |
| 100°   | 106.6  | 74.8   | 66.6   | 58.3  | 47.8  | 41.8  | 39.6  | 38.5  | 39.6  | 41.8  | 47.8  |
| 102.5° | 111.6  | 84.1   | 76.2   | 68.2  | 58.8  | 52.2  | 50.6  | 50.0  | 50.6  | 52.2  | 58.8  |
| 105°   | 118.7  | 94.6   | 86.9   | 79.2  | 70.4  | 64.9  | 62.1  | 62.1  | 62.1  | 64.9  | 70.4  |
| 107.5° | 128.6  | 105.0  | 98.2   | 91.3  | 81.9  | 77.5  | 74.8  | 73.7  | 74.8  | 77.5  | 81.9  |
| 110°   | 139.6  | 117.1  | 110.0  | 102.8 | 94.6  | 89.6  | 87.4  | 86.3  | 87.4  | 89.6  | 94.6  |

TEST NUMBER: P1028143

CATALOG NUMBER: S125DIP-B610D610UB50-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 150°  | 155°  | 157.5° | 160°  | 165°  | 170°  | 175°  | 180°  | 185°  | 190°  | 195°  |
|--------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 150.1 | 128.6 | 121.8  | 114.9 | 106.6 | 101.7 | 100.0 | 98.9  | 100.0 | 101.7 | 106.6 |
| 115°   | 161.1 | 140.7 | 133.8  | 127.0 | 118.7 | 113.8 | 112.1 | 111.0 | 112.1 | 113.8 | 118.7 |
| 117.5° | 172.1 | 152.8 | 146.2  | 139.6 | 130.3 | 125.3 | 123.7 | 122.0 | 123.7 | 125.3 | 130.3 |
| 120°   | 184.2 | 164.9 | 158.0  | 151.2 | 141.8 | 136.9 | 134.7 | 133.0 | 134.7 | 136.9 | 141.8 |
| 122.5° | 195.7 | 176.5 | 169.6  | 162.7 | 152.3 | 147.3 | 145.7 | 144.6 | 145.7 | 147.3 | 152.3 |
| 125°   | 205.6 | 187.5 | 180.4  | 173.2 | 162.7 | 157.8 | 155.0 | 153.9 | 155.0 | 157.8 | 162.7 |
| 127.5° | 215.5 | 197.9 | 190.8  | 183.6 | 172.6 | 166.6 | 163.3 | 161.6 | 163.3 | 166.6 | 172.6 |
| 130°   | 224.8 | 207.8 | 200.6  | 193.5 | 182.0 | 174.8 | 170.4 | 168.8 | 170.4 | 174.8 | 182.0 |
| 132.5° | 233.6 | 216.6 | 209.4  | 202.3 | 190.2 | 182.0 | 176.5 | 174.3 | 176.5 | 182.0 | 190.2 |
| 135°   | 241.3 | 224.3 | 216.8  | 209.4 | 197.9 | 189.1 | 182.5 | 180.3 | 182.5 | 189.1 | 197.9 |
| 137.5° | 246.8 | 231.4 | 223.7  | 216.0 | 204.5 | 195.7 | 189.7 | 188.0 | 189.7 | 195.7 | 204.5 |
| 140°   | 252.9 | 236.9 | 229.5  | 222.1 | 211.6 | 202.8 | 196.2 | 194.6 | 196.2 | 202.8 | 211.6 |
| 142.5° | 256.7 | 241.9 | 235.0  | 228.1 | 218.2 | 209.4 | 203.4 | 202.3 | 203.4 | 209.4 | 218.2 |
| 145°   | 261.1 | 246.8 | 240.5  | 234.2 | 224.3 | 216.6 | 211.1 | 210.0 | 211.1 | 216.6 | 224.3 |
| 147.5° | 263.9 | 251.2 | 245.4  | 239.7 | 230.9 | 223.7 | 218.8 | 218.2 | 218.8 | 223.7 | 230.9 |
| 150°   | 266.6 | 254.5 | 249.8  | 245.2 | 237.5 | 230.3 | 226.5 | 225.4 | 226.5 | 230.3 | 237.5 |
| 152.5° | 269.4 | 258.4 | 254.2  | 250.1 | 243.0 | 236.9 | 233.6 | 233.1 | 233.6 | 236.9 | 243.0 |
| 155°   | 271.0 | 261.7 | 257.8  | 254.0 | 248.5 | 243.0 | 239.7 | 239.7 | 239.7 | 243.0 | 248.5 |
| 157.5° | 272.7 | 264.4 | 261.4  | 258.4 | 253.4 | 248.5 | 245.7 | 245.7 | 245.7 | 248.5 | 253.4 |
| 160°   | 273.8 | 266.6 | 264.2  | 261.7 | 257.3 | 253.4 | 251.2 | 251.8 | 251.2 | 253.4 | 257.3 |
| 162.5° | 274.9 | 268.8 | 266.9  | 265.0 | 261.7 | 258.4 | 256.2 | 256.7 | 256.2 | 258.4 | 261.7 |
| 165°   | 274.9 | 270.5 | 268.8  | 267.2 | 265.0 | 262.2 | 260.6 | 261.7 | 260.6 | 262.2 | 265.0 |
| 167.5° | 274.9 | 271.0 | 269.9  | 268.8 | 267.2 | 265.5 | 264.4 | 265.0 | 264.4 | 265.5 | 267.2 |
| 170°   | 274.9 | 272.1 | 271.3  | 270.5 | 269.4 | 268.3 | 267.7 | 268.3 | 267.7 | 268.3 | 269.4 |
| 172.5° | 274.3 | 272.1 | 271.8  | 271.6 | 271.0 | 269.9 | 269.4 | 270.5 | 269.4 | 269.9 | 271.0 |
| 175°   | 273.8 | 272.1 | 272.1  | 272.1 | 272.1 | 271.6 | 271.0 | 272.1 | 271.0 | 271.6 | 272.1 |
| 177.5° | 273.2 | 272.1 | 272.1  | 272.1 | 272.7 | 272.1 | 272.1 | 273.2 | 272.1 | 272.1 | 272.7 |
| 180°   | 272.7 | 272.7 | 272.7  | 272.7 | 272.7 | 272.7 | 272.7 | 272.7 | 272.7 | 272.7 | 272.7 |

TEST NUMBER: P1028143

CATALOG NUMBER: S125DIP-B610D610UB50-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 200°  | 202.5° | 205°  | 210°  | 215°  | 220°  | 225°  | 230°  | 235°  | 240°  | 245°  |
|--------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 857.2 | 857.2  | 857.2 | 857.2 | 857.2 | 857.2 | 857.2 | 857.2 | 857.2 | 857.2 | 857.2 |
| 2.5°   | 845.6 | 844.1  | 840.5 | 838.3 | 831.0 | 822.3 | 819.4 | 812.1 | 815.0 | 809.9 | 809.9 |
| 5°     | 823.0 | 816.5  | 812.1 | 805.6 | 791.7 | 782.3 | 772.1 | 767.0 | 764.1 | 760.5 | 757.5 |
| 7.5°   | 793.9 | 788.8  | 784.5 | 772.1 | 756.8 | 743.7 | 731.3 | 726.3 | 716.8 | 710.2 | 707.3 |
| 10°    | 768.5 | 761.2  | 751.0 | 736.4 | 720.4 | 703.7 | 692.8 | 681.9 | 674.6 | 670.9 | 662.9 |
| 12.5°  | 742.3 | 733.5  | 722.6 | 701.5 | 684.0 | 673.9 | 654.2 | 644.0 | 640.4 | 637.5 | 628.0 |
| 15°    | 715.3 | 705.9  | 692.8 | 673.1 | 657.8 | 633.8 | 622.2 | 614.2 | 605.5 | 604.7 | 597.4 |
| 17.5°  | 691.3 | 679.7  | 668.8 | 644.7 | 625.8 | 604.7 | 598.2 | 589.4 | 581.4 | 572.7 | 569.1 |
| 20°    | 660.8 | 649.8  | 641.8 | 615.6 | 594.5 | 581.4 | 570.5 | 563.2 | 558.2 | 549.4 | 548.0 |
| 22.5°  | 633.1 | 621.5  | 610.5 | 590.9 | 572.7 | 556.0 | 542.9 | 534.9 | 532.7 | 529.0 | 522.5 |
| 25°    | 606.2 | 594.5  | 581.4 | 563.2 | 544.3 | 532.7 | 521.0 | 515.9 | 511.6 | 505.8 | 500.7 |
| 27.5°  | 583.6 | 572.7  | 560.3 | 537.8 | 521.8 | 513.0 | 500.7 | 494.8 | 489.0 | 486.1 | 483.9 |
| 30°    | 556.7 | 544.3  | 534.9 | 517.4 | 499.9 | 488.3 | 479.6 | 474.5 | 469.4 | 466.5 | 465.0 |
| 32.5°  | 530.5 | 518.9  | 512.3 | 493.4 | 479.6 | 465.7 | 459.2 | 455.5 | 452.6 | 449.7 | 446.8 |
| 35°    | 509.4 | 497.8  | 487.6 | 470.1 | 456.3 | 446.8 | 441.7 | 435.9 | 433.7 | 430.8 | 430.8 |
| 37.5°  | 483.2 | 474.5  | 464.3 | 447.5 | 435.2 | 427.9 | 423.5 | 416.2 | 415.5 | 414.1 | 411.9 |
| 40°    | 460.6 | 451.9  | 442.4 | 427.9 | 417.0 | 408.2 | 402.4 | 398.8 | 396.6 | 395.1 | 393.7 |
| 42.5°  | 436.6 | 427.2  | 422.8 | 406.1 | 396.6 | 387.9 | 385.0 | 381.3 | 380.6 | 377.7 | 374.0 |
| 45°    | 413.3 | 405.3  | 396.6 | 384.2 | 376.2 | 368.9 | 364.6 | 361.7 | 358.0 | 357.3 | 355.1 |
| 47.5°  | 393.0 | 383.5  | 375.5 | 363.9 | 355.1 | 349.3 | 345.7 | 342.0 | 339.1 | 336.9 | 334.7 |
| 50°    | 366.8 | 359.5  | 352.9 | 340.6 | 333.3 | 327.5 | 322.4 | 319.5 | 316.6 | 316.6 | 316.6 |
| 52.5°  | 341.3 | 334.7  | 328.9 | 320.2 | 311.5 | 306.4 | 300.5 | 298.4 | 296.9 | 294.7 | 296.9 |
| 55°    | 316.6 | 310.0  | 304.2 | 297.6 | 287.4 | 283.1 | 277.3 | 275.1 | 275.8 | 275.8 | 278.0 |
| 57.5°  | 290.4 | 285.3  | 281.6 | 273.6 | 264.2 | 259.8 | 256.2 | 254.0 | 254.0 | 256.9 | 257.6 |
| 60°    | 264.9 | 259.8  | 253.2 | 246.0 | 240.1 | 235.0 | 232.9 | 233.6 | 233.6 | 235.0 | 238.7 |
| 62.5°  | 236.5 | 233.6  | 230.0 | 219.8 | 216.1 | 212.5 | 209.6 | 211.8 | 211.0 | 214.7 | 219.8 |
| 65°    | 210.3 | 207.4  | 202.3 | 197.2 | 192.8 | 189.2 | 188.5 | 189.2 | 190.7 | 194.3 | 200.1 |
| 67.5°  | 181.2 | 181.2  | 176.8 | 172.5 | 168.8 | 165.2 | 165.9 | 166.6 | 168.1 | 172.5 | 181.2 |
| 70°    | 157.2 | 154.3  | 149.9 | 147.0 | 144.1 | 142.6 | 141.2 | 144.1 | 148.5 | 151.4 | 157.9 |
| 72.5°  | 131.0 | 128.8  | 125.2 | 122.3 | 121.5 | 120.1 | 119.3 | 120.8 | 125.2 | 130.3 | 137.5 |
| 75°    | 103.3 | 104.1  | 101.9 | 99.7  | 99.7  | 97.5  | 99.0  | 99.0  | 103.3 | 108.4 | 114.2 |
| 77.5°  | 80.0  | 79.3   | 78.6  | 77.1  | 76.4  | 76.4  | 76.4  | 77.9  | 82.2  | 85.1  | 91.0  |
| 80°    | 56.8  | 57.5   | 55.3  | 56.0  | 55.3  | 56.0  | 56.0  | 58.9  | 61.1  | 64.8  | 69.1  |
| 82.5°  | 37.8  | 37.8   | 36.4  | 37.1  | 37.1  | 37.1  | 37.8  | 39.3  | 42.2  | 45.1  | 48.0  |
| 85°    | 21.1  | 21.8   | 20.4  | 21.8  | 21.8  | 21.8  | 22.6  | 23.3  | 25.5  | 26.2  | 29.1  |
| 87.5°  | 8.0   | 9.5    | 9.5   | 8.0   | 8.7   | 9.5   | 10.2  | 9.5   | 10.9  | 12.4  | 13.1  |
| 90°    | 4.4   | 5.0    | 5.5   | 6.0   | 7.1   | 7.7   | 8.8   | 9.3   | 9.9   | 10.4  | 11.0  |
| 92.5°  | 35.2  | 45.1   | 55.0  | 92.4  | 155.0 | 223.2 | 219.3 | 177.0 | 119.3 | 85.8  | 63.8  |
| 95°    | 41.2  | 53.6   | 66.0  | 124.8 | 245.7 | 397.4 | 487.0 | 476.6 | 395.2 | 311.7 | 244.1 |
| 97.5°  | 48.9  | 58.0   | 67.1  | 107.7 | 200.6 | 364.5 | 526.1 | 595.3 | 566.8 | 500.2 | 432.1 |
| 100°   | 58.3  | 66.6   | 74.8  | 106.6 | 178.1 | 316.6 | 496.4 | 633.8 | 676.1 | 649.2 | 592.6 |
| 102.5° | 68.2  | 76.2   | 84.1  | 111.6 | 168.8 | 280.4 | 444.2 | 610.7 | 713.0 | 740.5 | 720.7 |
| 105°   | 79.2  | 86.9   | 94.6  | 118.7 | 167.7 | 259.5 | 398.5 | 556.3 | 688.2 | 763.5 | 787.7 |
| 107.5° | 91.3  | 98.2   | 105.0 | 128.6 | 171.5 | 248.5 | 364.5 | 504.6 | 637.7 | 737.2 | 795.4 |
| 110°   | 102.8 | 110.0  | 117.1 | 139.6 | 177.6 | 244.1 | 341.9 | 461.8 | 580.5 | 684.9 | 762.4 |

TEST NUMBER: P1028143

CATALOG NUMBER: S125DIP-B610D610UB50-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 200°  | 202.5° | 205°  | 210°  | 215°  | 220°  | 225°  | 230°  | 235°  | 240°  | 245°  |
|--------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 114.9 | 121.8  | 128.6 | 150.1 | 185.3 | 244.1 | 328.7 | 429.9 | 535.4 | 633.3 | 711.9 |
| 115°   | 127.0 | 133.8  | 140.7 | 161.1 | 192.9 | 245.7 | 319.9 | 408.4 | 499.1 | 584.3 | 659.7 |
| 117.5° | 139.6 | 146.2  | 152.8 | 172.1 | 201.7 | 248.5 | 315.0 | 394.1 | 473.9 | 549.2 | 615.1 |
| 120°   | 151.2 | 158.0  | 164.9 | 184.2 | 210.5 | 252.9 | 311.7 | 382.6 | 454.1 | 520.0 | 580.5 |
| 122.5° | 162.7 | 169.6  | 176.5 | 195.7 | 220.4 | 256.7 | 308.9 | 372.7 | 439.2 | 499.1 | 551.4 |
| 125°   | 173.2 | 180.4  | 187.5 | 205.6 | 229.2 | 261.1 | 306.7 | 363.9 | 424.9 | 481.0 | 528.8 |
| 127.5° | 183.6 | 190.8  | 197.9 | 215.5 | 237.5 | 266.1 | 305.6 | 355.7 | 410.1 | 463.4 | 508.5 |
| 130°   | 193.5 | 200.6  | 207.8 | 224.8 | 245.7 | 270.5 | 304.5 | 347.4 | 396.3 | 444.7 | 487.6 |
| 132.5° | 202.3 | 209.4  | 216.6 | 233.6 | 252.9 | 275.4 | 304.5 | 340.8 | 382.6 | 427.1 | 465.1 |
| 135°   | 209.4 | 216.8  | 224.3 | 241.3 | 259.5 | 279.8 | 304.5 | 335.9 | 371.1 | 409.0 | 444.2 |
| 137.5° | 216.0 | 223.7  | 231.4 | 246.8 | 264.4 | 284.2 | 305.1 | 330.9 | 360.6 | 392.5 | 422.7 |
| 140°   | 222.1 | 229.5  | 236.9 | 252.9 | 269.4 | 286.9 | 305.6 | 327.6 | 352.4 | 378.2 | 403.5 |
| 142.5° | 228.1 | 235.0  | 241.9 | 256.7 | 272.1 | 288.6 | 306.2 | 324.9 | 345.2 | 366.1 | 387.0 |
| 145°   | 234.2 | 240.5  | 246.8 | 261.1 | 274.9 | 289.7 | 305.6 | 322.1 | 339.2 | 356.2 | 373.3 |
| 147.5° | 239.7 | 245.4  | 251.2 | 263.9 | 276.5 | 290.2 | 304.5 | 319.4 | 333.1 | 347.4 | 361.2 |
| 150°   | 245.2 | 249.8  | 254.5 | 266.6 | 278.2 | 290.2 | 302.9 | 316.1 | 328.2 | 340.3 | 350.7 |
| 152.5° | 250.1 | 254.2  | 258.4 | 269.4 | 279.3 | 289.7 | 300.7 | 312.2 | 322.7 | 333.1 | 342.5 |
| 155°   | 254.0 | 257.8  | 261.7 | 271.0 | 279.8 | 288.6 | 297.9 | 307.8 | 317.2 | 326.0 | 333.7 |
| 157.5° | 258.4 | 261.4  | 264.4 | 272.7 | 280.4 | 287.5 | 295.2 | 304.0 | 311.7 | 319.4 | 325.4 |
| 160°   | 261.7 | 264.2  | 266.6 | 273.8 | 280.4 | 285.8 | 292.4 | 299.0 | 306.2 | 311.7 | 317.2 |
| 162.5° | 265.0 | 266.9  | 268.8 | 274.9 | 279.8 | 284.2 | 289.1 | 294.6 | 300.1 | 305.1 | 309.5 |
| 165°   | 267.2 | 268.8  | 270.5 | 274.9 | 279.3 | 282.6 | 285.8 | 290.2 | 294.6 | 298.5 | 301.8 |
| 167.5° | 268.8 | 269.9  | 271.0 | 274.9 | 278.2 | 279.8 | 282.6 | 285.8 | 289.1 | 291.9 | 294.6 |
| 170°   | 270.5 | 271.3  | 272.1 | 274.9 | 277.1 | 278.2 | 279.8 | 282.0 | 284.7 | 286.4 | 288.0 |
| 172.5° | 271.6 | 271.8  | 272.1 | 274.3 | 276.0 | 276.0 | 276.5 | 278.2 | 279.8 | 281.5 | 282.6 |
| 175°   | 272.1 | 272.1  | 272.1 | 273.8 | 274.9 | 274.3 | 274.3 | 274.9 | 276.5 | 276.5 | 277.6 |
| 177.5° | 272.1 | 272.1  | 272.1 | 273.2 | 273.8 | 272.7 | 272.7 | 273.2 | 273.8 | 274.3 | 274.3 |
| 180°   | 272.7 | 272.7  | 272.7 | 272.7 | 272.7 | 272.7 | 272.7 | 272.7 | 272.7 | 272.7 | 272.7 |

TEST NUMBER: P1028143

CATALOG NUMBER: S125DIP-B610D610UB50-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°  | 255°  | 260°  | 265°  | 270°  | 275°  | 280°  | 285°  | 290°  | 292.5° |
|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 0°     | 857.2  | 857.2 | 857.2 | 857.2 | 857.2 | 857.2 | 857.2 | 857.2 | 857.2 | 857.2 | 857.2  |
| 2.5°   | 812.8  | 807.8 | 807.0 | 808.5 | 805.6 | 809.9 | 808.5 | 809.9 | 806.3 | 809.9 | 807.8  |
| 5°     | 756.8  | 755.4 | 752.4 | 748.8 | 749.5 | 750.3 | 753.9 | 750.3 | 753.2 | 753.9 | 757.5  |
| 7.5°   | 704.4  | 701.5 | 703.7 | 702.2 | 695.7 | 694.2 | 695.7 | 697.9 | 702.2 | 705.1 | 707.3  |
| 10°    | 662.2  | 660.8 | 657.8 | 655.7 | 652.0 | 649.8 | 652.8 | 649.8 | 655.7 | 660.8 | 660.8  |
| 12.5°  | 630.2  | 624.4 | 620.7 | 620.0 | 612.0 | 613.5 | 616.4 | 618.5 | 625.1 | 628.0 | 628.0  |
| 15°    | 596.7  | 592.4 | 590.9 | 588.0 | 585.1 | 588.0 | 586.5 | 588.7 | 591.6 | 594.5 | 596.0  |
| 17.5°  | 567.6  | 566.9 | 567.6 | 560.3 | 562.5 | 558.9 | 559.6 | 563.2 | 561.1 | 563.2 | 567.6  |
| 20°    | 541.4  | 542.9 | 540.7 | 537.8 | 537.8 | 533.4 | 538.5 | 537.0 | 537.8 | 542.1 | 548.7  |
| 22.5°  | 521.8  | 521.0 | 518.9 | 516.7 | 513.8 | 514.5 | 515.2 | 513.8 | 519.6 | 523.2 | 523.9  |
| 25°    | 500.7  | 499.2 | 498.5 | 496.3 | 493.4 | 496.3 | 495.6 | 496.3 | 497.8 | 503.6 | 499.2  |
| 27.5°  | 481.0  | 478.1 | 479.6 | 477.4 | 476.6 | 477.4 | 477.4 | 478.1 | 479.6 | 480.3 | 481.0  |
| 30°    | 464.3  | 461.4 | 460.6 | 459.2 | 458.5 | 459.2 | 460.6 | 459.2 | 465.0 | 464.3 | 464.3  |
| 32.5°  | 446.1  | 443.9 | 442.4 | 442.4 | 441.7 | 441.0 | 441.7 | 442.4 | 446.8 | 443.9 | 446.8  |
| 35°    | 428.6  | 427.2 | 427.2 | 425.7 | 425.0 | 425.0 | 425.0 | 427.9 | 426.4 | 428.6 | 428.6  |
| 37.5°  | 411.9  | 411.9 | 411.2 | 409.7 | 409.0 | 409.7 | 409.0 | 410.4 | 409.7 | 410.4 | 411.2  |
| 40°    | 394.4  | 393.0 | 392.2 | 392.2 | 390.1 | 387.9 | 390.1 | 390.1 | 390.8 | 393.0 | 393.7  |
| 42.5°  | 373.3  | 374.0 | 374.0 | 371.1 | 371.1 | 371.1 | 371.9 | 372.6 | 372.6 | 374.0 | 374.0  |
| 45°    | 355.1  | 353.7 | 353.7 | 353.7 | 352.2 | 352.9 | 354.4 | 354.4 | 354.4 | 354.4 | 352.9  |
| 47.5°  | 334.7  | 334.7 | 335.5 | 335.5 | 337.7 | 336.9 | 336.9 | 336.2 | 334.7 | 334.7 | 335.5  |
| 50°    | 315.8  | 318.0 | 318.7 | 318.7 | 319.5 | 320.2 | 320.2 | 318.7 | 318.0 | 315.8 | 315.8  |
| 52.5°  | 297.6  | 299.1 | 300.5 | 302.7 | 304.2 | 303.5 | 303.5 | 302.0 | 299.1 | 298.4 | 297.6  |
| 55°    | 278.0  | 280.2 | 283.1 | 285.3 | 287.4 | 288.2 | 288.2 | 285.3 | 282.3 | 278.7 | 278.7  |
| 57.5°  | 259.8  | 262.0 | 267.1 | 269.3 | 272.2 | 272.2 | 270.7 | 268.5 | 264.2 | 261.2 | 259.1  |
| 60°    | 241.6  | 245.2 | 248.9 | 253.2 | 256.9 | 257.6 | 255.4 | 252.5 | 247.4 | 243.8 | 240.9  |
| 62.5°  | 222.0  | 225.6 | 232.9 | 237.2 | 240.1 | 240.1 | 240.1 | 236.5 | 230.0 | 224.9 | 220.5  |
| 65°    | 203.0  | 206.7 | 213.2 | 219.0 | 221.2 | 223.4 | 221.2 | 217.6 | 212.5 | 206.7 | 202.3  |
| 67.5°  | 183.4  | 187.7 | 194.3 | 198.7 | 201.6 | 203.8 | 202.3 | 199.4 | 192.8 | 184.8 | 181.9  |
| 70°    | 161.6  | 163.7 | 173.2 | 177.6 | 181.9 | 183.4 | 181.9 | 177.6 | 171.0 | 162.3 | 159.4  |
| 72.5°  | 141.2  | 143.4 | 152.1 | 155.7 | 159.4 | 160.8 | 158.6 | 155.7 | 149.9 | 141.9 | 138.3  |
| 75°    | 117.9  | 121.5 | 125.9 | 131.7 | 136.1 | 137.5 | 135.4 | 133.2 | 125.9 | 120.8 | 117.9  |
| 77.5°  | 93.1   | 96.8  | 102.6 | 107.7 | 112.1 | 111.3 | 108.4 | 109.2 | 101.2 | 95.3  | 93.1   |
| 80°    | 70.6   | 73.5  | 77.9  | 82.2  | 84.4  | 84.4  | 83.7  | 80.8  | 77.9  | 73.5  | 69.9   |
| 82.5°  | 48.8   | 52.4  | 56.0  | 58.9  | 58.9  | 59.7  | 58.2  | 57.5  | 54.6  | 50.9  | 50.2   |
| 85°    | 29.1   | 29.8  | 32.7  | 32.7  | 35.7  | 34.2  | 33.5  | 35.7  | 32.7  | 30.6  | 29.8   |
| 87.5°  | 13.1   | 12.4  | 13.1  | 13.1  | 12.4  | 13.8  | 13.8  | 13.1  | 13.8  | 13.1  | 13.1   |
| 90°    | 11.6   | 12.1  | 12.1  | 12.1  | 12.6  | 12.6  | 12.6  | 12.1  | 12.1  | 12.1  | 11.6   |
| 92.5°  | 58.6   | 53.3  | 44.5  | 42.9  | 41.8  | 40.7  | 41.8  | 42.9  | 44.5  | 53.3  | 58.6   |
| 95°    | 221.0  | 197.9 | 158.9 | 142.4 | 138.0 | 129.2 | 138.0 | 142.4 | 158.9 | 197.9 | 221.0  |
| 97.5°  | 399.1  | 366.1 | 333.1 | 304.5 | 289.7 | 283.1 | 289.7 | 304.5 | 333.1 | 366.1 | 399.1  |
| 100°   | 564.0  | 535.4 | 497.5 | 457.9 | 437.6 | 428.8 | 437.6 | 457.9 | 497.5 | 535.4 | 564.0  |
| 102.5° | 703.7  | 686.6 | 645.4 | 620.1 | 597.5 | 591.5 | 597.5 | 620.1 | 645.4 | 686.6 | 703.7  |
| 105°   | 784.7  | 781.7 | 764.1 | 746.0 | 735.0 | 728.4 | 735.0 | 746.0 | 764.1 | 781.7 | 784.7  |
| 107.5° | 807.5  | 819.6 | 824.6 | 821.8 | 816.3 | 810.8 | 816.3 | 821.8 | 824.6 | 819.6 | 807.5  |
| 110°   | 785.8  | 809.2 | 833.9 | 844.4 | 848.2 | 848.2 | 848.2 | 844.4 | 833.9 | 809.2 | 785.8  |

TEST NUMBER: P1028143

CATALOG NUMBER: S125DIP-B610D610UB50-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°  | 255°  | 260°  | 265°  | 270°  | 275°  | 280°  | 285°  | 290°  | 292.5° |
|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 112.5° | 740.4  | 769.0 | 808.1 | 827.9 | 838.9 | 843.8 | 838.9 | 827.9 | 808.1 | 769.0 | 740.4  |
| 115°   | 689.7  | 719.6 | 762.4 | 788.8 | 804.2 | 811.4 | 804.2 | 788.8 | 762.4 | 719.6 | 689.7  |
| 117.5° | 643.4  | 671.7 | 715.2 | 742.7 | 758.1 | 762.4 | 758.1 | 742.7 | 715.2 | 671.7 | 643.4  |
| 120°   | 604.7  | 628.9 | 669.5 | 695.9 | 710.8 | 715.2 | 710.8 | 695.9 | 669.5 | 628.9 | 604.7  |
| 122.5° | 573.6  | 595.9 | 631.1 | 654.7 | 669.5 | 673.4 | 669.5 | 654.7 | 631.1 | 595.9 | 573.6  |
| 125°   | 548.6  | 568.4 | 599.2 | 621.7 | 633.8 | 639.3 | 633.8 | 621.7 | 599.2 | 568.4 | 548.6  |
| 127.5° | 527.2  | 545.9 | 573.9 | 594.2 | 605.8 | 608.0 | 605.8 | 594.2 | 573.9 | 545.9 | 527.2  |
| 130°   | 505.4  | 523.3 | 550.8 | 569.0 | 579.9 | 583.2 | 579.9 | 569.0 | 550.8 | 523.3 | 505.4  |
| 132.5° | 482.1  | 499.1 | 526.6 | 544.8 | 554.7 | 558.5 | 554.7 | 544.8 | 526.6 | 499.1 | 482.1  |
| 135°   | 459.8  | 475.5 | 499.7 | 517.8 | 527.7 | 531.0 | 527.7 | 517.8 | 499.7 | 475.5 | 459.8  |
| 137.5° | 436.4  | 450.2 | 472.2 | 489.2 | 498.6 | 502.4 | 498.6 | 489.2 | 472.2 | 450.2 | 436.4  |
| 140°   | 415.0  | 426.6 | 446.9 | 461.2 | 469.5 | 472.2 | 469.5 | 461.2 | 446.9 | 426.6 | 415.0  |
| 142.5° | 396.6  | 406.2 | 422.7 | 434.3 | 442.0 | 444.2 | 442.0 | 434.3 | 422.7 | 406.2 | 396.6  |
| 145°   | 380.7  | 388.1 | 401.3 | 410.6 | 416.7 | 418.9 | 416.7 | 410.6 | 401.3 | 388.1 | 380.7  |
| 147.5° | 367.0  | 372.7 | 383.7 | 391.4 | 395.2 | 396.3 | 395.2 | 391.4 | 383.7 | 372.7 | 367.0  |
| 150°   | 355.6  | 360.6 | 368.9 | 375.5 | 377.7 | 378.2 | 377.7 | 375.5 | 368.9 | 360.6 | 355.6  |
| 152.5° | 346.0  | 349.6 | 356.2 | 361.2 | 363.4 | 363.9 | 363.4 | 361.2 | 356.2 | 349.6 | 346.0  |
| 155°   | 336.7  | 339.7 | 345.2 | 349.1 | 350.7 | 351.3 | 350.7 | 349.1 | 345.2 | 339.7 | 336.7  |
| 157.5° | 327.9  | 330.4 | 334.8 | 338.1 | 339.7 | 339.7 | 339.7 | 338.1 | 334.8 | 330.4 | 327.9  |
| 160°   | 319.1  | 321.0 | 324.9 | 327.6 | 328.7 | 328.2 | 328.7 | 327.6 | 324.9 | 321.0 | 319.1  |
| 162.5° | 311.2  | 312.8 | 315.5 | 317.7 | 317.7 | 317.7 | 317.7 | 317.7 | 315.5 | 312.8 | 311.2  |
| 165°   | 303.2  | 304.5 | 306.7 | 307.8 | 307.8 | 307.8 | 307.8 | 307.8 | 306.7 | 304.5 | 303.2  |
| 167.5° | 295.7  | 296.8 | 297.9 | 299.0 | 298.5 | 298.5 | 298.5 | 299.0 | 297.9 | 296.8 | 295.7  |
| 170°   | 288.6  | 289.1 | 290.2 | 290.8 | 290.8 | 290.2 | 290.8 | 290.8 | 290.2 | 289.1 | 288.6  |
| 172.5° | 282.8  | 283.1 | 283.1 | 284.2 | 283.1 | 282.6 | 283.1 | 284.2 | 283.1 | 283.1 | 282.8  |
| 175°   | 277.6  | 277.6 | 277.6 | 278.2 | 277.1 | 276.5 | 277.1 | 278.2 | 277.6 | 277.6 | 277.6  |
| 177.5° | 274.3  | 274.3 | 273.8 | 274.3 | 272.7 | 272.7 | 272.7 | 274.3 | 273.8 | 274.3 | 274.3  |
| 180°   | 272.7  | 272.7 | 272.7 | 272.7 | 272.7 | 272.7 | 272.7 | 272.7 | 272.7 | 272.7 | 272.7  |

TEST NUMBER: P1028143

CATALOG NUMBER: S125DIP-B610D610UB50-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 295°  | 300°  | 305°  | 310°  | 315°  | 320°  | 325°  | 330°  | 335°  | 337.5° | 340°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
| 0°     | 857.2 | 857.2 | 857.2 | 857.2 | 857.2 | 857.2 | 857.2 | 857.2 | 857.2 | 857.2  | 857.2 |
| 2.5°   | 814.3 | 809.9 | 815.0 | 808.5 | 809.9 | 817.9 | 817.2 | 824.5 | 828.9 | 828.1  | 831.8 |
| 5°     | 760.5 | 760.5 | 762.6 | 761.9 | 769.2 | 775.7 | 784.5 | 791.7 | 799.7 | 804.1  | 809.2 |
| 7.5°   | 707.3 | 714.6 | 716.1 | 719.7 | 728.4 | 739.3 | 748.1 | 759.0 | 770.6 | 778.6  | 784.5 |
| 10°    | 663.7 | 669.5 | 675.3 | 678.2 | 687.7 | 702.2 | 714.6 | 732.1 | 746.6 | 755.4  | 763.4 |
| 12.5°  | 625.1 | 631.6 | 634.6 | 647.7 | 654.2 | 663.7 | 681.1 | 700.1 | 716.1 | 725.5  | 732.1 |
| 15°    | 597.4 | 601.1 | 607.6 | 615.6 | 622.2 | 633.8 | 648.4 | 669.5 | 684.8 | 692.8  | 715.3 |
| 17.5°  | 574.2 | 578.5 | 582.2 | 585.8 | 596.0 | 608.4 | 622.2 | 640.4 | 660.0 | 673.9  | 685.5 |
| 20°    | 550.1 | 552.3 | 556.7 | 562.5 | 569.8 | 581.4 | 593.8 | 612.7 | 630.2 | 641.1  | 656.4 |
| 22.5°  | 521.8 | 528.3 | 532.7 | 537.0 | 545.1 | 558.2 | 569.8 | 583.6 | 605.5 | 617.8  | 633.8 |
| 25°    | 505.0 | 507.9 | 510.8 | 515.9 | 521.8 | 533.4 | 546.5 | 561.1 | 578.5 | 591.6  | 605.5 |
| 27.5°  | 483.2 | 487.6 | 491.2 | 497.8 | 501.4 | 510.8 | 523.2 | 537.8 | 558.9 | 569.8  | 581.4 |
| 30°    | 465.0 | 469.4 | 472.3 | 475.2 | 480.3 | 490.5 | 502.1 | 513.8 | 533.4 | 547.2  | 558.9 |
| 32.5°  | 446.8 | 451.2 | 454.8 | 457.0 | 462.1 | 468.6 | 478.1 | 492.7 | 509.4 | 518.9  | 534.1 |
| 35°    | 430.8 | 430.8 | 435.2 | 438.1 | 442.4 | 448.3 | 457.0 | 467.9 | 485.4 | 497.8  | 511.6 |
| 37.5°  | 412.6 | 413.3 | 417.0 | 419.2 | 423.5 | 429.3 | 438.1 | 448.3 | 462.8 | 472.3  | 486.1 |
| 40°    | 393.7 | 395.9 | 397.3 | 401.0 | 406.1 | 408.2 | 417.0 | 428.6 | 443.2 | 451.9  | 463.5 |
| 42.5°  | 374.8 | 376.2 | 379.9 | 382.8 | 387.1 | 390.8 | 396.6 | 407.5 | 418.4 | 431.5  | 441.0 |
| 45°    | 353.7 | 357.3 | 359.5 | 364.6 | 366.8 | 370.4 | 376.2 | 385.0 | 398.1 | 406.1  | 417.0 |
| 47.5°  | 335.5 | 336.9 | 338.4 | 344.9 | 349.3 | 351.5 | 357.3 | 362.4 | 376.2 | 383.5  | 393.7 |
| 50°    | 315.8 | 315.8 | 318.0 | 320.9 | 326.0 | 330.4 | 335.5 | 341.3 | 352.2 | 359.5  | 369.7 |
| 52.5°  | 297.6 | 295.4 | 296.9 | 298.4 | 303.5 | 307.8 | 312.9 | 320.9 | 331.1 | 335.5  | 344.2 |
| 55°    | 278.0 | 274.3 | 276.5 | 278.7 | 280.2 | 286.0 | 291.8 | 296.9 | 304.9 | 311.5  | 319.5 |
| 57.5°  | 256.9 | 256.2 | 254.7 | 255.4 | 259.1 | 262.7 | 267.1 | 273.6 | 283.1 | 288.2  | 292.5 |
| 60°    | 238.0 | 233.6 | 232.1 | 233.6 | 235.8 | 238.0 | 243.8 | 249.6 | 257.6 | 262.7  | 267.8 |
| 62.5°  | 218.3 | 213.9 | 211.0 | 208.9 | 211.0 | 216.1 | 219.8 | 224.1 | 230.7 | 236.5  | 240.9 |
| 65°    | 199.4 | 192.8 | 189.9 | 188.5 | 187.7 | 191.4 | 194.3 | 200.1 | 205.9 | 208.1  | 213.2 |
| 67.5°  | 178.3 | 172.5 | 168.8 | 166.6 | 166.6 | 166.6 | 169.6 | 175.4 | 181.2 | 181.9  | 187.0 |
| 70°    | 157.2 | 150.6 | 147.0 | 144.1 | 142.6 | 144.1 | 147.7 | 148.5 | 153.5 | 155.0  | 157.9 |
| 72.5°  | 134.6 | 128.8 | 124.4 | 120.8 | 121.5 | 123.0 | 123.0 | 124.4 | 127.3 | 131.0  | 131.0 |
| 75°    | 113.5 | 105.5 | 103.3 | 100.4 | 99.0  | 99.0  | 99.0  | 101.9 | 104.1 | 107.0  | 106.2 |
| 77.5°  | 89.5  | 85.1  | 80.8  | 79.3  | 77.1  | 76.4  | 77.9  | 77.9  | 79.3  | 81.5   | 82.2  |
| 80°    | 69.1  | 64.0  | 61.1  | 59.7  | 56.8  | 56.0  | 56.8  | 56.8  | 58.9  | 58.2   | 58.9  |
| 82.5°  | 48.0  | 44.4  | 42.2  | 40.0  | 38.6  | 39.3  | 38.6  | 38.6  | 39.3  | 38.6   | 38.6  |
| 85°    | 27.7  | 26.9  | 25.5  | 24.7  | 24.0  | 22.6  | 24.0  | 23.3  | 22.6  | 21.8   | 23.3  |
| 87.5°  | 13.1  | 12.4  | 12.4  | 10.9  | 10.9  | 10.2  | 10.9  | 10.9  | 10.2  | 10.2   | 10.2  |
| 90°    | 11.0  | 10.4  | 9.9   | 9.3   | 8.8   | 7.7   | 7.1   | 6.0   | 5.5   | 5.0    | 4.4   |
| 92.5°  | 63.8  | 85.8  | 119.3 | 177.0 | 219.3 | 223.2 | 155.0 | 92.4  | 55.0  | 45.1   | 35.2  |
| 95°    | 244.1 | 311.7 | 395.2 | 476.6 | 487.0 | 397.4 | 245.7 | 124.8 | 66.0  | 53.6   | 41.2  |
| 97.5°  | 432.1 | 500.2 | 566.8 | 595.3 | 526.1 | 364.5 | 200.6 | 107.7 | 67.1  | 58.0   | 48.9  |
| 100°   | 592.6 | 649.2 | 676.1 | 633.8 | 496.4 | 316.6 | 178.1 | 106.6 | 74.8  | 66.6   | 58.3  |
| 102.5° | 720.7 | 740.5 | 713.0 | 610.7 | 444.2 | 280.4 | 168.8 | 111.6 | 84.1  | 76.2   | 68.2  |
| 105°   | 787.7 | 763.5 | 688.2 | 556.3 | 398.5 | 259.5 | 167.7 | 118.7 | 94.6  | 86.9   | 79.2  |
| 107.5° | 795.4 | 737.2 | 637.7 | 504.6 | 364.5 | 248.5 | 171.5 | 128.6 | 105.0 | 98.2   | 91.3  |
| 110°   | 762.4 | 684.9 | 580.5 | 461.8 | 341.9 | 244.1 | 177.6 | 139.6 | 117.1 | 110.0  | 102.8 |

TEST NUMBER: P1028143

CATALOG NUMBER: S125DIP-B610D610UB50-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 295°  | 300°  | 305°  | 310°  | 315°  | 320°  | 325°  | 330°  | 335°  | 337.5° | 340°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
| 112.5° | 711.9 | 633.3 | 535.4 | 429.9 | 328.7 | 244.1 | 185.3 | 150.1 | 128.6 | 121.8  | 114.9 |
| 115°   | 659.7 | 584.3 | 499.1 | 408.4 | 319.9 | 245.7 | 192.9 | 161.1 | 140.7 | 133.8  | 127.0 |
| 117.5° | 615.1 | 549.2 | 473.9 | 394.1 | 315.0 | 248.5 | 201.7 | 172.1 | 152.8 | 146.2  | 139.6 |
| 120°   | 580.5 | 520.0 | 454.1 | 382.6 | 311.7 | 252.9 | 210.5 | 184.2 | 164.9 | 158.0  | 151.2 |
| 122.5° | 551.4 | 499.1 | 439.2 | 372.7 | 308.9 | 256.7 | 220.4 | 195.7 | 176.5 | 169.6  | 162.7 |
| 125°   | 528.8 | 481.0 | 424.9 | 363.9 | 306.7 | 261.1 | 229.2 | 205.6 | 187.5 | 180.4  | 173.2 |
| 127.5° | 508.5 | 463.4 | 410.1 | 355.7 | 305.6 | 266.1 | 237.5 | 215.5 | 197.9 | 190.8  | 183.6 |
| 130°   | 487.6 | 444.7 | 396.3 | 347.4 | 304.5 | 270.5 | 245.7 | 224.8 | 207.8 | 200.6  | 193.5 |
| 132.5° | 465.1 | 427.1 | 382.6 | 340.8 | 304.5 | 275.4 | 252.9 | 233.6 | 216.6 | 209.4  | 202.3 |
| 135°   | 444.2 | 409.0 | 371.1 | 335.9 | 304.5 | 279.8 | 259.5 | 241.3 | 224.3 | 216.8  | 209.4 |
| 137.5° | 422.7 | 392.5 | 360.6 | 330.9 | 305.1 | 284.2 | 264.4 | 246.8 | 231.4 | 223.7  | 216.0 |
| 140°   | 403.5 | 378.2 | 352.4 | 327.6 | 305.6 | 286.9 | 269.4 | 252.9 | 236.9 | 229.5  | 222.1 |
| 142.5° | 387.0 | 366.1 | 345.2 | 324.9 | 306.2 | 288.6 | 272.1 | 256.7 | 241.9 | 235.0  | 228.1 |
| 145°   | 373.3 | 356.2 | 339.2 | 322.1 | 305.6 | 289.7 | 274.9 | 261.1 | 246.8 | 240.5  | 234.2 |
| 147.5° | 361.2 | 347.4 | 333.1 | 319.4 | 304.5 | 290.2 | 276.5 | 263.9 | 251.2 | 245.4  | 239.7 |
| 150°   | 350.7 | 340.3 | 328.2 | 316.1 | 302.9 | 290.2 | 278.2 | 266.6 | 254.5 | 249.8  | 245.2 |
| 152.5° | 342.5 | 333.1 | 322.7 | 312.2 | 300.7 | 289.7 | 279.3 | 269.4 | 258.4 | 254.2  | 250.1 |
| 155°   | 333.7 | 326.0 | 317.2 | 307.8 | 297.9 | 288.6 | 279.8 | 271.0 | 261.7 | 257.8  | 254.0 |
| 157.5° | 325.4 | 319.4 | 311.7 | 304.0 | 295.2 | 287.5 | 280.4 | 272.7 | 264.4 | 261.4  | 258.4 |
| 160°   | 317.2 | 311.7 | 306.2 | 299.0 | 292.4 | 285.8 | 280.4 | 273.8 | 266.6 | 264.2  | 261.7 |
| 162.5° | 309.5 | 305.1 | 300.1 | 294.6 | 289.1 | 284.2 | 279.8 | 274.9 | 268.8 | 266.9  | 265.0 |
| 165°   | 301.8 | 298.5 | 294.6 | 290.2 | 285.8 | 282.6 | 279.3 | 274.9 | 270.5 | 268.8  | 267.2 |
| 167.5° | 294.6 | 291.9 | 289.1 | 285.8 | 282.6 | 279.8 | 278.2 | 274.9 | 271.0 | 269.9  | 268.8 |
| 170°   | 288.0 | 286.4 | 284.7 | 282.0 | 279.8 | 278.2 | 277.1 | 274.9 | 272.1 | 271.3  | 270.5 |
| 172.5° | 282.6 | 281.5 | 279.8 | 278.2 | 276.5 | 276.0 | 276.0 | 274.3 | 272.1 | 271.8  | 271.6 |
| 175°   | 277.6 | 276.5 | 276.5 | 274.9 | 274.3 | 274.3 | 274.9 | 273.8 | 272.1 | 272.1  | 272.1 |
| 177.5° | 274.3 | 274.3 | 273.8 | 273.2 | 272.7 | 272.7 | 273.8 | 273.2 | 272.1 | 272.1  | 272.1 |
| 180°   | 272.7 | 272.7 | 272.7 | 272.7 | 272.7 | 272.7 | 272.7 | 272.7 | 272.7 | 272.7  | 272.7 |

TEST NUMBER: P1028143

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**CANDELA DISTRIBUTION (continued):**

|        | 345°  | 350°  | 355°  | 360°  |
|--------|-------|-------|-------|-------|
| 0°     | 857.2 | 857.2 | 857.2 | 857.2 |
| 2.5°   | 836.9 | 844.1 | 849.2 | 858.7 |
| 5°     | 817.9 | 831.0 | 843.4 | 856.5 |
| 7.5°   | 799.0 | 814.3 | 834.0 | 850.7 |
| 10°    | 777.9 | 797.6 | 820.9 | 843.4 |
| 12.5°  | 756.8 | 780.1 | 805.6 | 835.4 |
| 15°    | 731.3 | 761.2 | 791.0 | 823.0 |
| 17.5°  | 708.8 | 739.3 | 771.4 | 811.4 |
| 20°    | 683.3 | 716.8 | 751.7 | 792.5 |
| 22.5°  | 660.8 | 697.9 | 734.3 | 777.2 |
| 25°    | 635.3 | 671.7 | 711.7 | 757.5 |
| 27.5°  | 614.2 | 647.7 | 687.0 | 736.4 |
| 30°    | 588.7 | 625.1 | 664.4 | 713.9 |
| 32.5°  | 564.7 | 599.6 | 641.1 | 689.9 |
| 35°    | 540.0 | 575.6 | 612.7 | 659.3 |
| 37.5°  | 516.7 | 547.2 | 584.3 | 628.7 |
| 40°    | 490.5 | 523.9 | 557.4 | 592.4 |
| 42.5°  | 466.5 | 497.0 | 528.3 | 556.0 |
| 45°    | 439.5 | 465.7 | 495.6 | 518.1 |
| 47.5°  | 414.8 | 438.1 | 461.4 | 478.8 |
| 50°    | 390.1 | 408.2 | 425.7 | 441.0 |
| 52.5°  | 360.9 | 381.3 | 390.8 | 400.2 |
| 55°    | 334.7 | 346.4 | 355.1 | 364.6 |
| 57.5°  | 309.3 | 314.4 | 318.7 | 327.5 |
| 60°    | 275.8 | 281.6 | 286.7 | 293.3 |
| 62.5°  | 246.7 | 249.6 | 251.1 | 257.6 |
| 65°    | 219.0 | 218.3 | 222.0 | 225.6 |
| 67.5°  | 189.2 | 188.5 | 192.1 | 193.6 |
| 70°    | 160.1 | 159.4 | 160.1 | 163.7 |
| 72.5°  | 132.4 | 132.4 | 133.2 | 134.6 |
| 75°    | 107.0 | 107.0 | 107.7 | 109.2 |
| 77.5°  | 80.8  | 82.2  | 81.5  | 84.4  |
| 80°    | 58.9  | 57.5  | 58.9  | 60.4  |
| 82.5°  | 38.6  | 40.0  | 40.0  | 38.6  |
| 85°    | 21.8  | 21.8  | 21.8  | 21.8  |
| 87.5°  | 9.5   | 9.5   | 10.2  | 10.9  |
| 90°    | 3.3   | 2.2   | 1.1   | 0.5   |
| 92.5°  | 23.6  | 15.4  | 9.9   | 8.2   |
| 95°    | 29.1  | 23.1  | 18.7  | 18.1  |
| 97.5°  | 37.9  | 31.9  | 28.6  | 28.0  |
| 100°   | 47.8  | 41.8  | 39.6  | 38.5  |
| 102.5° | 58.8  | 52.2  | 50.6  | 50.0  |
| 105°   | 70.4  | 64.9  | 62.1  | 62.1  |
| 107.5° | 81.9  | 77.5  | 74.8  | 73.7  |
| 110°   | 94.6  | 89.6  | 87.4  | 86.3  |



TEST NUMBER: P1028143

CATALOG NUMBER: S125DIP-B610D610UB50-4F0-XX-W2A-A4

**CANDELA DISTRIBUTION (continued):**

|        | 345°  | 350°  | 355°  | 360°  |
|--------|-------|-------|-------|-------|
| 112.5° | 106.6 | 101.7 | 100.0 | 98.9  |
| 115°   | 118.7 | 113.8 | 112.1 | 111.0 |
| 117.5° | 130.3 | 125.3 | 123.7 | 122.0 |
| 120°   | 141.8 | 136.9 | 134.7 | 133.0 |
| 122.5° | 152.3 | 147.3 | 145.7 | 144.6 |
| 125°   | 162.7 | 157.8 | 155.0 | 153.9 |
| 127.5° | 172.6 | 166.6 | 163.3 | 161.6 |
| 130°   | 182.0 | 174.8 | 170.4 | 168.8 |
| 132.5° | 190.2 | 182.0 | 176.5 | 174.3 |
| 135°   | 197.9 | 189.1 | 182.5 | 180.3 |
| 137.5° | 204.5 | 195.7 | 189.7 | 188.0 |
| 140°   | 211.6 | 202.8 | 196.2 | 194.6 |
| 142.5° | 218.2 | 209.4 | 203.4 | 202.3 |
| 145°   | 224.3 | 216.6 | 211.1 | 210.0 |
| 147.5° | 230.9 | 223.7 | 218.8 | 218.2 |
| 150°   | 237.5 | 230.3 | 226.5 | 225.4 |
| 152.5° | 243.0 | 236.9 | 233.6 | 233.1 |
| 155°   | 248.5 | 243.0 | 239.7 | 239.7 |
| 157.5° | 253.4 | 248.5 | 245.7 | 245.7 |
| 160°   | 257.3 | 253.4 | 251.2 | 251.8 |
| 162.5° | 261.7 | 258.4 | 256.2 | 256.7 |
| 165°   | 265.0 | 262.2 | 260.6 | 261.7 |
| 167.5° | 267.2 | 265.5 | 264.4 | 265.0 |
| 170°   | 269.4 | 268.3 | 267.7 | 268.3 |
| 172.5° | 271.0 | 269.9 | 269.4 | 270.5 |
| 175°   | 272.1 | 271.6 | 271.0 | 272.1 |
| 177.5° | 272.7 | 272.1 | 272.1 | 273.2 |
| 180°   | 272.7 | 272.7 | 272.7 | 272.7 |

(END OF REPORT)