

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: P1027997

Luminaire Tested: S125DIP-B610D1090UB40-4F0-XX-W2A-A

Issue Date: 5/6/2025

**Test Information**

Test Method: LM-79-2019  
Report Number: P1027997  
REPORT IS A COMBINATION OF REPORTS P1002161 AND P1007351  
Test Lab: INNOVATION CENTER  
Issue Date: 5/6/2025  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: NEO-RAY  
Catalog Number: S125DIP-B610D1090UB40-4F0-XX-W2A-A  
Description: Define 5 Direct/Indirect Pendant with 4000K BioUP LEDs {m-DER=0.865} {m-EER=0.951}  
Light Source: -  
Ballast/Driver: -

**Summary**

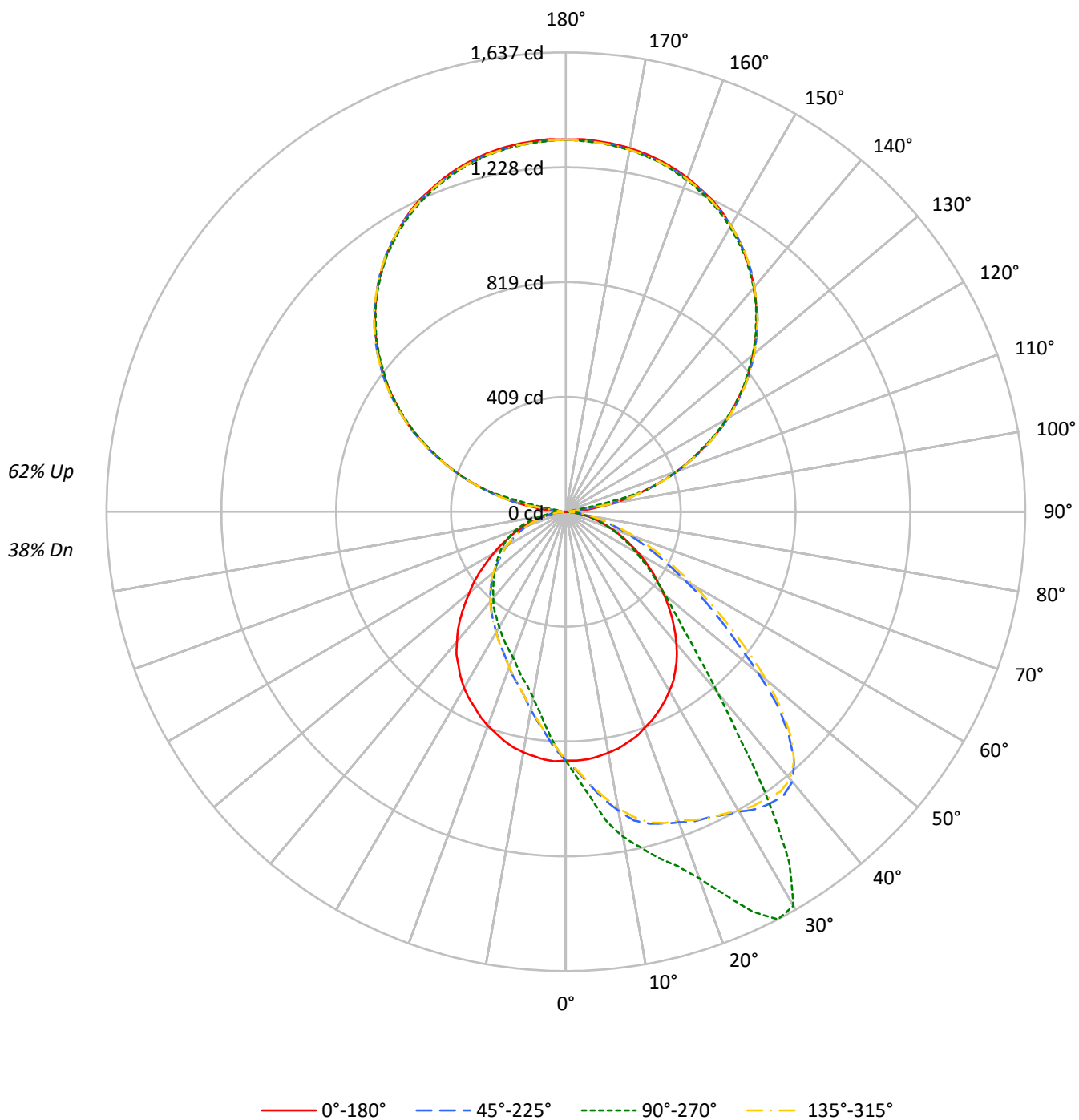
Lumens per Lamp: N/A  
Luminaire Lumens: 6576.0 lumens  
Efficiency: N/A  
Efficacy: 125.3 lumens/watt  
Spacing Criteria (0/90/45): 1.23 / 1.43 / 1.52  
Luminous Opening: Rectangular w/ Sides (W: 0.42' x L: 4' x H: 0.1')  
CIE Type: Semi-Indirect

Input Watts (W): 52.5  
Input Voltage (V):  
Input Current (A<sub>in</sub>): 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: P1027997

CATALOG NUMBER: S125DIP-B610D1090UB40-4F0-XX-W2A-A

### Luminous Intensity Polar Plot



TEST NUMBER: P1027997

CATALOG NUMBER: S125DIP-B610D1090UB40-4F0-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   | 104 | 104 | 104 | 104 | 95 | 95 | 95 | 95 | 77 | 77 | 77 | 60 | 60 | 60 | 45 | 45 | 45 |
| 1   | 95  | 91  | 87  | 84  | 86 | 83 | 80 | 77 | 67 | 65 | 63 | 53 | 52 | 50 | 40 | 39 | 38 |
| 2   | 87  | 80  | 74  | 69  | 79 | 73 | 68 | 63 | 59 | 56 | 53 | 47 | 44 | 42 | 36 | 34 | 33 |
| 3   | 79  | 70  | 63  | 57  | 72 | 64 | 58 | 53 | 52 | 48 | 44 | 42 | 39 | 36 | 32 | 30 | 28 |
| 4   | 73  | 62  | 54  | 49  | 66 | 57 | 50 | 45 | 47 | 42 | 38 | 37 | 34 | 31 | 28 | 26 | 24 |
| 5   | 67  | 55  | 47  | 42  | 60 | 51 | 44 | 39 | 42 | 36 | 33 | 33 | 30 | 27 | 26 | 23 | 21 |
| 6   | 61  | 50  | 42  | 36  | 55 | 45 | 38 | 33 | 37 | 32 | 28 | 30 | 26 | 23 | 23 | 21 | 19 |
| 7   | 57  | 45  | 37  | 31  | 51 | 41 | 34 | 29 | 34 | 29 | 25 | 27 | 23 | 21 | 21 | 18 | 16 |
| 8   | 52  | 40  | 33  | 28  | 48 | 37 | 30 | 26 | 31 | 26 | 22 | 25 | 21 | 18 | 19 | 17 | 15 |
| 9   | 49  | 37  | 30  | 25  | 44 | 34 | 27 | 23 | 28 | 23 | 20 | 23 | 19 | 16 | 18 | 15 | 13 |
| 10  | 45  | 34  | 27  | 22  | 41 | 31 | 25 | 21 | 26 | 21 | 18 | 21 | 17 | 15 | 17 | 14 | 12 |

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

|     | 0°   | 90°   | 180° | 270° |
|-----|------|-------|------|------|
| 0°  | 5679 | 5679  | 5679 | 5679 |
| 5°  | 5683 | 6442  | 5688 | 4887 |
| 10° | 5648 | 7343  | 5639 | 4195 |
| 15° | 5607 | 7961  | 5572 | 3790 |
| 20° | 5536 | 8724  | 5485 | 3460 |
| 25° | 5473 | 9996  | 5373 | 3265 |
| 30° | 5383 | 10546 | 5290 | 3088 |
| 35° | 5240 | 8454  | 5130 | 2946 |
| 40° | 5017 | 5843  | 4943 | 2795 |
| 45° | 4736 | 4350  | 4683 | 2671 |
| 50° | 4413 | 3581  | 4340 | 2570 |
| 55° | 4065 | 3054  | 4033 | 2483 |
| 60° | 3724 | 2615  | 3659 | 2416 |
| 65° | 3356 | 2258  | 3302 | 2318 |
| 70° | 2968 | 1874  | 2927 | 2147 |
| 75° | 2556 | 1450  | 2522 | 1864 |
| 80° | 2016 | 980   | 1945 | 1371 |
| 85° | 1292 | 490   | 1246 | 699  |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 135°

Vertical Angle: 45°

Luminance: 8673 cd/sqm

TEST NUMBER: P1027997

CATALOG NUMBER: S125DIP-B610D1090UB40-4F0-XX-W2A-A

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 85.3   | 1.3       |
| 10°-20°   | 254.1  | 3.9       |
| 20°-30°   | 412.7  | 6.3       |
| 30°-40°   | 504.4  | 7.7       |
| 40°-50°   | 457.5  | 7.0       |
| 50°-60°   | 364.4  | 5.5       |
| 60°-70°   | 253.8  | 3.9       |
| 70°-80°   | 135.2  | 2.1       |
| 80°-90°   | 35.5   | 0.5       |
| 90°-100°  | 45.0   | 0.7       |
| 100°-110° | 299.3  | 4.6       |
| 110°-120° | 538.9  | 8.2       |
| 120°-130° | 691.7  | 10.5      |
| 130°-140° | 744.0  | 11.3      |
| 140°-150° | 698.2  | 10.6      |
| 150°-160° | 564.8  | 8.6       |
| 160°-170° | 365.3  | 5.6       |
| 170°-180° | 126.0  | 1.9       |
| 0°-30°    | 752.1  | 11.4      |
| 0°-40°    | 1256.5 | 19.1      |
| 0°-60°    | 2078.4 | 31.6      |
| 0°-90°    | 2503.0 | 38.1      |
| 90°-120°  | 883.1  | 13.4      |
| 90°-150°  | 3017.0 | 45.9      |
| 90°-180°  | 4073.0 | 61.9      |
| 0°-180°   | 6576.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°   | 90°  | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0°   | 886  | 886  | 886  | 886  | 886  |      |
| 5°   | 886  | 1022 | 886  | 776  | 886  | 84   |
| 15°  | 851  | 1277 | 846  | 608  | 851  | 240  |
| 25°  | 783  | 1571 | 769  | 513  | 783  | 361  |
| 35°  | 682  | 1261 | 667  | 439  | 682  | 426  |
| 45°  | 536  | 594  | 530  | 365  | 536  | 413  |
| 55°  | 377  | 366  | 374  | 298  | 377  | 337  |
| 65°  | 233  | 225  | 230  | 231  | 233  | 231  |
| 75°  | 113  | 111  | 111  | 142  | 113  | 120  |
| 85°  | 23   | 25   | 22   | 35   | 23   | 27   |
| 90°  | 1    | 24   | 1    | 24   | 1    | 4    |
| 95°  | 56   | 21   | 56   | 21   | 56   | 69   |
| 105° | 289  | 292  | 289  | 292  | 289  | 306  |
| 115° | 543  | 539  | 543  | 539  | 543  | 538  |
| 125° | 772  | 772  | 772  | 772  | 772  | 689  |
| 135° | 962  | 958  | 962  | 958  | 962  | 742  |
| 145° | 1116 | 1113 | 1116 | 1113 | 1116 | 698  |
| 155° | 1229 | 1220 | 1229 | 1220 | 1229 | 566  |
| 165° | 1296 | 1290 | 1296 | 1290 | 1296 | 366  |
| 175° | 1326 | 1320 | 1326 | 1320 | 1326 | 126  |
| 180° | 1326 | 1326 | 1326 | 1326 | 1326 |      |

TEST NUMBER: P1027997

CATALOG NUMBER: S125DIP-B610D1090UB40-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (FULL):**

|        | 0°    | 5°    | 10°   | 15°   | 20°    | 22.5°  | 25°    | 30°    | 35°    | 40°    | 45°    |
|--------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 886.3 | 886.3 | 886.3 | 886.3 | 886.3  | 886.3  | 886.3  | 886.3  | 886.3  | 886.3  | 886.3  |
| 2.5°   | 887.8 | 893.1 | 899.1 | 903.6 | 911.1  | 913.4  | 917.1  | 919.4  | 921.7  | 923.9  | 925.4  |
| 5°     | 885.5 | 898.3 | 909.6 | 917.9 | 932.2  | 937.5  | 944.2  | 952.5  | 962.3  | 970.6  | 975.8  |
| 7.5°   | 879.5 | 899.8 | 914.9 | 931.4 | 951.0  | 963.8  | 970.6  | 987.9  | 1003.7 | 1015.7 | 1031.5 |
| 10°    | 872.0 | 896.1 | 919.4 | 944.2 | 972.1  | 986.4  | 999.9  | 1024.0 | 1045.8 | 1065.4 | 1081.2 |
| 12.5°  | 863.7 | 893.1 | 920.9 | 953.3 | 990.9  | 1008.2 | 1017.2 | 1058.6 | 1085.7 | 1096.2 | 1127.1 |
| 15°    | 850.9 | 885.5 | 925.4 | 965.3 | 996.9  | 1017.2 | 1042.0 | 1075.1 | 1102.2 | 1125.6 | 1150.4 |
| 17.5°  | 838.9 | 876.5 | 917.1 | 961.5 | 1007.4 | 1033.8 | 1052.6 | 1081.9 | 1111.3 | 1141.4 | 1164.7 |
| 20°    | 819.3 | 868.2 | 909.6 | 957.0 | 1011.2 | 1030.0 | 1049.6 | 1084.2 | 1115.8 | 1148.1 | 1177.5 |
| 22.5°  | 803.5 | 850.2 | 906.6 | 951.8 | 997.6  | 1016.5 | 1040.5 | 1076.6 | 1114.3 | 1151.1 | 1194.0 |
| 25°    | 783.2 | 835.1 | 884.0 | 932.2 | 979.6  | 999.9  | 1021.7 | 1068.4 | 1107.5 | 1154.9 | 1202.3 |
| 27.5°  | 761.4 | 814.8 | 863.7 | 907.4 | 951.8  | 979.6  | 1002.9 | 1051.8 | 1103.7 | 1155.6 | 1217.3 |
| 30°    | 738.1 | 788.5 | 835.1 | 878.0 | 926.9  | 955.5  | 978.8  | 1036.0 | 1094.0 | 1160.2 | 1233.9 |
| 32.5°  | 713.3 | 760.6 | 800.5 | 844.2 | 896.1  | 922.4  | 954.0  | 1016.5 | 1084.9 | 1163.9 | 1256.5 |
| 35°    | 681.7 | 726.8 | 762.2 | 806.5 | 858.5  | 892.3  | 925.4  | 995.4  | 1075.1 | 1163.2 | 1269.3 |
| 37.5°  | 650.1 | 685.4 | 719.3 | 766.7 | 826.9  | 857.7  | 892.3  | 969.1  | 1060.1 | 1160.9 | 1274.5 |
| 40°    | 612.4 | 647.0 | 676.4 | 724.5 | 787.7  | 823.1  | 859.2  | 939.7  | 1042.8 | 1152.6 | 1255.7 |
| 42.5°  | 574.8 | 604.2 | 636.5 | 686.9 | 747.9  | 785.5  | 823.8  | 913.4  | 1020.2 | 1128.6 | 1203.8 |
| 45°    | 535.7 | 558.3 | 593.6 | 639.5 | 704.2  | 740.3  | 784.0  | 881.0  | 988.6  | 1084.9 | 1122.5 |
| 47.5°  | 495.1 | 517.6 | 550.7 | 595.1 | 659.1  | 702.0  | 743.3  | 840.4  | 948.7  | 1023.2 | 1023.2 |
| 50°    | 455.9 | 474.0 | 506.3 | 550.7 | 615.4  | 654.6  | 696.7  | 799.8  | 887.0  | 942.0  | 893.1  |
| 52.5°  | 413.8 | 434.1 | 461.2 | 507.9 | 571.8  | 607.2  | 653.1  | 741.1  | 823.8  | 846.4  | 771.2  |
| 55°    | 376.9 | 393.5 | 419.1 | 463.5 | 522.9  | 559.8  | 598.9  | 683.2  | 753.1  | 751.6  | 671.1  |
| 57.5°  | 338.6 | 352.1 | 379.2 | 419.8 | 474.7  | 507.9  | 547.0  | 620.0  | 677.1  | 656.8  | 580.8  |
| 60°    | 303.2 | 313.0 | 339.3 | 372.4 | 425.1  | 455.9  | 493.6  | 553.0  | 596.6  | 568.0  | 491.3  |
| 62.5°  | 266.3 | 277.6 | 298.7 | 331.0 | 377.7  | 402.5  | 430.4  | 490.5  | 518.4  | 492.8  | 414.6  |
| 65°    | 233.2 | 242.3 | 261.1 | 288.2 | 330.3  | 352.9  | 376.9  | 426.6  | 452.9  | 416.1  | 351.4  |
| 67.5°  | 200.1 | 210.7 | 224.2 | 248.3 | 281.4  | 302.5  | 323.5  | 366.4  | 378.4  | 345.3  | 291.2  |
| 70°    | 169.3 | 178.3 | 191.1 | 208.4 | 236.2  | 255.1  | 270.9  | 306.2  | 314.5  | 283.6  | 240.8  |
| 72.5°  | 139.2 | 145.2 | 155.7 | 170.0 | 195.6  | 206.2  | 222.7  | 246.8  | 257.3  | 229.5  | 198.6  |
| 75°    | 112.9 | 117.4 | 124.1 | 134.7 | 152.0  | 163.3  | 176.8  | 199.4  | 198.6  | 179.1  | 157.2  |
| 77.5°  | 87.3  | 88.0  | 95.6  | 105.3 | 115.9  | 125.6  | 132.4  | 148.2  | 149.7  | 137.7  | 119.6  |
| 80°    | 62.4  | 64.7  | 67.7  | 75.2  | 84.3   | 88.0   | 96.3   | 106.1  | 107.6  | 98.6   | 86.5   |
| 82.5°  | 39.9  | 41.4  | 43.6  | 48.2  | 54.2   | 58.7   | 63.2   | 67.0   | 70.7   | 65.5   | 55.7   |
| 85°    | 22.6  | 23.3  | 25.6  | 27.1  | 30.1   | 32.4   | 36.1   | 39.9   | 39.1   | 35.4   | 32.4   |
| 87.5°  | 11.3  | 11.3  | 11.3  | 12.8  | 14.3   | 14.3   | 15.8   | 16.6   | 17.3   | 15.8   | 14.3   |
| 90°    | 1.0   | 2.7   | 4.5   | 6.2   | 7.9    | 8.8    | 9.6    | 11.1   | 12.6   | 14.2   | 15.7   |
| 92.5°  | 18.7  | 16.7  | 14.7  | 12.8  | 10.8   | 9.8    | 10.5   | 11.8   | 13.1   | 14.4   | 15.7   |
| 95°    | 56.0  | 55.4  | 54.7  | 54.1  | 53.4   | 53.1   | 48.9   | 40.6   | 32.3   | 24.0   | 15.7   |
| 97.5°  | 105.2 | 106.5 | 107.8 | 109.1 | 110.4  | 111.1  | 100.7  | 80.0   | 59.2   | 38.5   | 17.7   |
| 100°   | 164.1 | 164.8 | 165.4 | 166.1 | 166.8  | 167.1  | 167.5  | 168.4  | 169.3  | 170.1  | 171.0  |
| 102.5° | 224.1 | 225.0 | 225.8 | 226.7 | 227.6  | 228.0  | 228.2  | 228.7  | 229.1  | 229.6  | 230.0  |
| 105°   | 289.0 | 289.9 | 290.7 | 291.6 | 292.5  | 292.9  | 292.9  | 292.9  | 292.9  | 292.9  | 292.9  |
| 107.5° | 355.8 | 355.8 | 355.8 | 355.8 | 355.8  | 355.8  | 356.0  | 356.5  | 356.9  | 357.4  | 357.8  |
| 110°   | 420.7 | 420.7 | 420.7 | 420.7 | 420.7  | 420.7  | 420.9  | 421.4  | 421.8  | 422.3  | 422.7  |

TEST NUMBER: P1027997

CATALOG NUMBER: S125DIP-B610D1090UB40-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 22.5°  | 25°    | 30°    | 35°    | 40°    | 45°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 481.6  | 482.3  | 482.9  | 483.6  | 484.3  | 484.6  | 484.7  | 484.9  | 485.2  | 485.4  | 485.6  |
| 115°   | 542.6  | 543.7  | 544.8  | 545.9  | 547.0  | 547.5  | 547.6  | 547.8  | 548.1  | 548.3  | 548.5  |
| 117.5° | 606.5  | 606.5  | 606.5  | 606.5  | 606.5  | 606.5  | 606.9  | 607.8  | 608.7  | 609.5  | 610.4  |
| 120°   | 665.4  | 665.2  | 665.0  | 664.7  | 664.5  | 664.4  | 664.7  | 665.4  | 666.1  | 666.7  | 667.4  |
| 122.5° | 717.5  | 718.6  | 719.7  | 720.8  | 721.9  | 722.4  | 722.5  | 722.7  | 723.0  | 723.2  | 723.4  |
| 125°   | 771.6  | 773.1  | 774.7  | 776.2  | 777.7  | 778.5  | 778.5  | 778.5  | 778.5  | 778.5  | 778.5  |
| 127.5° | 823.7  | 824.8  | 825.9  | 827.0  | 828.1  | 828.6  | 828.5  | 828.3  | 828.0  | 827.8  | 827.6  |
| 130°   | 870.9  | 872.0  | 873.1  | 874.2  | 875.3  | 875.8  | 875.9  | 876.1  | 876.4  | 876.6  | 876.8  |
| 132.5° | 918.0  | 919.3  | 920.6  | 921.9  | 923.2  | 923.9  | 923.6  | 922.9  | 922.3  | 921.6  | 921.0  |
| 135°   | 962.3  | 963.6  | 964.9  | 966.2  | 967.5  | 968.2  | 968.0  | 967.5  | 967.1  | 966.6  | 966.2  |
| 137.5° | 1003.6 | 1004.9 | 1006.2 | 1007.5 | 1008.8 | 1009.5 | 1009.3 | 1008.8 | 1008.4 | 1007.9 | 1007.5 |
| 140°   | 1043.9 | 1044.3 | 1044.7 | 1045.2 | 1045.6 | 1045.8 | 1045.7 | 1045.5 | 1045.2 | 1045.0 | 1044.8 |
| 142.5° | 1080.2 | 1080.4 | 1080.6 | 1080.9 | 1081.1 | 1081.2 | 1081.4 | 1081.9 | 1082.3 | 1082.8 | 1083.2 |
| 145°   | 1115.6 | 1116.0 | 1116.5 | 1116.9 | 1117.4 | 1117.6 | 1117.6 | 1117.6 | 1117.6 | 1117.6 | 1117.6 |
| 147.5° | 1147.1 | 1147.1 | 1147.1 | 1147.1 | 1147.1 | 1147.1 | 1147.2 | 1147.4 | 1147.6 | 1147.8 | 1148.0 |
| 150°   | 1176.5 | 1176.1 | 1175.7 | 1175.2 | 1174.8 | 1174.6 | 1174.8 | 1175.2 | 1175.7 | 1176.1 | 1176.5 |
| 152.5° | 1205.1 | 1204.0 | 1202.9 | 1201.8 | 1200.7 | 1200.1 | 1200.3 | 1200.8 | 1201.2 | 1201.7 | 1202.1 |
| 155°   | 1228.6 | 1227.3 | 1226.0 | 1224.7 | 1223.4 | 1222.7 | 1222.9 | 1223.4 | 1223.8 | 1224.3 | 1224.7 |
| 157.5° | 1247.3 | 1246.7 | 1246.0 | 1245.4 | 1244.7 | 1244.4 | 1244.4 | 1244.4 | 1244.4 | 1244.4 | 1244.4 |
| 160°   | 1267.0 | 1265.7 | 1264.4 | 1263.1 | 1261.8 | 1261.1 | 1261.2 | 1261.4 | 1261.7 | 1261.9 | 1262.1 |
| 162.5° | 1282.7 | 1281.4 | 1280.1 | 1278.8 | 1277.5 | 1276.8 | 1276.9 | 1277.1 | 1277.4 | 1277.6 | 1277.8 |
| 165°   | 1296.5 | 1295.2 | 1293.9 | 1292.6 | 1291.3 | 1290.6 | 1290.7 | 1290.9 | 1291.1 | 1291.3 | 1291.5 |
| 167.5° | 1307.3 | 1306.0 | 1304.7 | 1303.4 | 1302.1 | 1301.4 | 1301.5 | 1301.7 | 1302.0 | 1302.2 | 1302.4 |
| 170°   | 1316.1 | 1314.6 | 1313.0 | 1311.5 | 1310.0 | 1309.2 | 1309.3 | 1309.5 | 1309.8 | 1310.0 | 1310.2 |
| 172.5° | 1322.0 | 1320.5 | 1318.9 | 1317.4 | 1315.9 | 1315.1 | 1315.3 | 1315.8 | 1316.2 | 1316.7 | 1317.1 |
| 175°   | 1325.9 | 1324.6 | 1323.3 | 1322.0 | 1320.7 | 1320.1 | 1320.2 | 1320.4 | 1320.6 | 1320.8 | 1321.0 |
| 177.5° | 1328.9 | 1327.6 | 1326.3 | 1325.0 | 1323.7 | 1323.0 | 1323.1 | 1323.3 | 1323.6 | 1323.8 | 1324.0 |
| 180°   | 1325.9 | 1325.9 | 1325.9 | 1325.9 | 1325.9 | 1325.9 | 1325.9 | 1325.9 | 1325.9 | 1325.9 | 1325.9 |

TEST NUMBER: P1027997

CATALOG NUMBER: S125DIP-B610D1090UB40-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 50°    | 55°    | 60°    | 65°    | 67.5°  | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 886.3  | 886.3  | 886.3  | 886.3  | 886.3  | 886.3  | 886.3  | 886.3  | 886.3  | 886.3  | 886.3  |
| 2.5°   | 926.9  | 932.2  | 936.7  | 940.5  | 943.5  | 948.0  | 945.0  | 945.7  | 947.2  | 950.2  | 950.2  |
| 5°     | 987.1  | 995.4  | 999.9  | 1015.0 | 1018.7 | 1018.0 | 1015.7 | 1027.7 | 1027.0 | 1022.5 | 1021.7 |
| 7.5°   | 1045.8 | 1060.1 | 1072.9 | 1084.9 | 1088.7 | 1098.5 | 1100.7 | 1106.0 | 1104.5 | 1112.0 | 1108.2 |
| 10°    | 1099.2 | 1121.8 | 1133.8 | 1151.9 | 1156.4 | 1160.9 | 1166.9 | 1169.9 | 1176.7 | 1176.0 | 1176.0 |
| 12.5°  | 1140.6 | 1167.7 | 1183.5 | 1188.0 | 1205.3 | 1210.6 | 1215.8 | 1225.6 | 1223.4 | 1224.1 | 1228.6 |
| 15°    | 1173.0 | 1199.3 | 1212.8 | 1233.9 | 1245.9 | 1252.0 | 1261.0 | 1271.5 | 1270.0 | 1276.8 | 1275.3 |
| 17.5°  | 1197.0 | 1221.9 | 1246.7 | 1278.3 | 1279.0 | 1294.8 | 1315.9 | 1320.4 | 1330.2 | 1323.4 | 1323.4 |
| 20°    | 1216.6 | 1249.7 | 1285.1 | 1325.7 | 1330.2 | 1340.0 | 1365.6 | 1382.9 | 1394.1 | 1390.4 | 1392.6 |
| 22.5°  | 1237.7 | 1285.1 | 1326.4 | 1367.1 | 1388.9 | 1406.2 | 1431.0 | 1458.1 | 1467.9 | 1473.9 | 1472.4 |
| 25°    | 1264.7 | 1314.4 | 1375.3 | 1431.8 | 1454.3 | 1487.4 | 1520.5 | 1546.9 | 1554.4 | 1571.0 | 1555.9 |
| 27.5°  | 1292.6 | 1362.5 | 1438.5 | 1504.7 | 1533.3 | 1560.4 | 1600.3 | 1619.9 | 1629.6 | 1637.2 | 1631.9 |
| 30°    | 1315.9 | 1412.2 | 1495.0 | 1555.9 | 1576.2 | 1592.0 | 1614.6 | 1619.1 | 1615.3 | 1621.4 | 1628.9 |
| 32.5°  | 1352.0 | 1446.1 | 1516.0 | 1545.4 | 1543.1 | 1542.4 | 1525.1 | 1501.0 | 1495.7 | 1481.4 | 1501.0 |
| 35°    | 1371.6 | 1446.8 | 1473.9 | 1434.8 | 1419.0 | 1390.4 | 1335.5 | 1299.3 | 1267.7 | 1261.0 | 1262.5 |
| 37.5°  | 1360.3 | 1389.6 | 1357.3 | 1254.2 | 1228.6 | 1185.0 | 1112.0 | 1060.8 | 1037.5 | 1019.5 | 1042.8 |
| 40°    | 1299.3 | 1267.0 | 1178.2 | 1052.6 | 1015.7 | 974.3  | 905.9  | 878.0  | 844.9  | 838.1  | 869.0  |
| 42.5°  | 1198.5 | 1100.0 | 974.3  | 877.3  | 838.9  | 815.6  | 758.4  | 732.1  | 708.7  | 698.2  | 715.5  |
| 45°    | 1061.6 | 942.0  | 815.6  | 735.8  | 703.5  | 675.6  | 641.8  | 613.9  | 598.9  | 594.4  | 608.7  |
| 47.5°  | 920.2  | 793.8  | 692.9  | 633.5  | 599.6  | 578.6  | 547.0  | 531.2  | 519.1  | 520.6  | 522.9  |
| 50°    | 784.7  | 669.6  | 592.1  | 532.7  | 516.1  | 499.6  | 478.5  | 465.0  | 458.9  | 461.2  | 459.7  |
| 52.5°  | 668.1  | 574.8  | 509.4  | 463.5  | 455.9  | 440.1  | 422.8  | 411.5  | 409.3  | 410.0  | 412.3  |
| 55°    | 565.8  | 492.8  | 440.9  | 407.8  | 399.5  | 388.2  | 377.7  | 370.2  | 364.1  | 366.4  | 365.7  |
| 57.5°  | 488.3  | 424.3  | 384.5  | 357.4  | 351.4  | 344.6  | 334.8  | 331.0  | 328.8  | 324.3  | 328.0  |
| 60°    | 419.8  | 367.9  | 333.3  | 316.7  | 311.5  | 307.0  | 296.4  | 291.9  | 290.4  | 288.2  | 294.2  |
| 62.5°  | 355.1  | 318.3  | 291.9  | 276.9  | 271.6  | 267.1  | 261.8  | 258.1  | 258.8  | 255.8  | 258.8  |
| 65°    | 304.0  | 273.9  | 255.1  | 241.5  | 234.7  | 231.7  | 231.0  | 225.0  | 224.2  | 225.0  | 225.7  |
| 67.5°  | 256.6  | 231.0  | 216.7  | 208.4  | 203.1  | 200.1  | 197.9  | 194.1  | 197.1  | 194.9  | 196.4  |
| 70°    | 213.7  | 196.4  | 181.3  | 173.0  | 170.8  | 171.5  | 167.8  | 166.3  | 167.0  | 165.5  | 167.0  |
| 72.5°  | 172.3  | 158.0  | 152.0  | 146.0  | 143.0  | 142.2  | 139.9  | 137.7  | 139.9  | 139.2  | 139.2  |
| 75°    | 137.7  | 127.2  | 120.4  | 116.6  | 116.6  | 115.1  | 111.4  | 111.4  | 111.4  | 110.6  | 111.4  |
| 77.5°  | 106.1  | 97.1   | 94.0   | 90.3   | 90.3   | 88.0   | 87.3   | 87.3   | 85.8   | 88.0   | 86.5   |
| 80°    | 79.0   | 72.2   | 67.7   | 65.5   | 65.5   | 64.7   | 63.2   | 62.4   | 63.2   | 62.4   | 62.4   |
| 82.5°  | 51.2   | 48.2   | 45.9   | 43.6   | 42.9   | 43.6   | 42.9   | 41.4   | 42.1   | 41.4   | 42.9   |
| 85°    | 29.3   | 26.3   | 26.3   | 24.8   | 25.6   | 24.1   | 24.8   | 23.3   | 22.6   | 24.8   | 23.3   |
| 87.5°  | 12.8   | 12.0   | 12.0   | 10.5   | 10.5   | 10.5   | 9.8    | 10.5   | 9.8    | 9.0    | 9.8    |
| 90°    | 16.8   | 17.9   | 19.0   | 20.1   | 20.6   | 20.9   | 21.6   | 22.3   | 22.9   | 23.6   | 22.9   |
| 92.5°  | 16.8   | 17.9   | 19.0   | 20.1   | 20.6   | 20.7   | 20.9   | 21.2   | 21.4   | 21.6   | 21.4   |
| 95°    | 16.8   | 17.9   | 19.0   | 20.1   | 20.6   | 20.6   | 20.6   | 20.6   | 20.6   | 20.6   | 20.6   |
| 97.5°  | 18.1   | 18.6   | 19.0   | 19.5   | 19.7   | 19.8   | 20.0   | 20.2   | 20.4   | 20.6   | 20.4   |
| 100°   | 138.5  | 105.9  | 73.4   | 40.9   | 24.6   | 24.2   | 23.3   | 22.4   | 21.5   | 20.6   | 21.5   |
| 102.5° | 230.4  | 230.9  | 231.3  | 231.8  | 232.0  | 222.8  | 204.5  | 186.1  | 167.8  | 149.4  | 167.8  |
| 105°   | 292.9  | 292.9  | 292.9  | 292.9  | 292.9  | 292.8  | 292.6  | 292.3  | 292.1  | 291.9  | 292.1  |
| 107.5° | 358.0  | 358.2  | 358.5  | 358.7  | 358.8  | 358.4  | 357.5  | 356.6  | 355.7  | 354.8  | 355.7  |
| 110°   | 422.0  | 421.4  | 420.7  | 420.0  | 419.7  | 419.8  | 420.0  | 420.3  | 420.5  | 420.7  | 420.5  |



TEST NUMBER: P1027997

CATALOG NUMBER: S125DIP-B610D1090UB40-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 50°    | 55°    | 60°    | 65°    | 67.5°  | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 484.7  | 483.8  | 482.9  | 482.0  | 481.6  | 481.4  | 481.0  | 480.5  | 480.1  | 479.7  | 480.1  |
| 115°   | 547.6  | 546.7  | 545.8  | 544.9  | 544.5  | 543.8  | 542.5  | 541.2  | 539.9  | 538.6  | 539.9  |
| 117.5° | 609.1  | 607.8  | 606.5  | 605.2  | 604.5  | 604.3  | 603.8  | 603.4  | 602.9  | 602.5  | 602.9  |
| 120°   | 667.0  | 666.5  | 666.1  | 665.6  | 665.4  | 664.9  | 663.8  | 662.7  | 661.6  | 660.5  | 661.6  |
| 122.5° | 723.0  | 722.6  | 722.1  | 721.7  | 721.5  | 720.8  | 719.5  | 718.2  | 716.9  | 715.6  | 716.9  |
| 125°   | 777.6  | 776.7  | 775.8  | 774.9  | 774.5  | 774.2  | 773.5  | 772.9  | 772.2  | 771.6  | 772.2  |
| 127.5° | 827.2  | 826.7  | 826.3  | 825.8  | 825.6  | 824.7  | 823.0  | 821.3  | 819.5  | 817.8  | 819.5  |
| 130°   | 876.1  | 875.5  | 874.8  | 874.1  | 873.8  | 873.3  | 872.2  | 871.1  | 870.0  | 868.9  | 870.0  |
| 132.5° | 921.0  | 921.0  | 921.0  | 921.0  | 921.0  | 920.5  | 919.4  | 918.3  | 917.2  | 916.1  | 917.2  |
| 135°   | 965.8  | 965.3  | 964.9  | 964.4  | 964.2  | 963.5  | 962.2  | 960.9  | 959.6  | 958.3  | 959.6  |
| 137.5° | 1007.5 | 1007.5 | 1007.5 | 1007.5 | 1007.5 | 1007.0 | 1005.9 | 1004.8 | 1003.7 | 1002.6 | 1003.7 |
| 140°   | 1045.2 | 1045.7 | 1046.1 | 1046.6 | 1046.8 | 1046.1 | 1044.8 | 1043.5 | 1042.2 | 1040.9 | 1042.2 |
| 142.5° | 1083.2 | 1083.2 | 1083.2 | 1083.2 | 1083.2 | 1082.5 | 1081.2 | 1079.9 | 1078.6 | 1077.3 | 1078.6 |
| 145°   | 1117.8 | 1118.0 | 1118.3 | 1118.5 | 1118.6 | 1117.9 | 1116.6 | 1115.3 | 1114.0 | 1112.7 | 1114.0 |
| 147.5° | 1148.2 | 1148.4 | 1148.7 | 1148.9 | 1149.0 | 1148.2 | 1146.7 | 1145.2 | 1143.6 | 1142.1 | 1143.6 |
| 150°   | 1176.9 | 1177.4 | 1177.8 | 1178.3 | 1178.5 | 1177.6 | 1175.9 | 1174.1 | 1172.4 | 1170.6 | 1172.4 |
| 152.5° | 1202.5 | 1203.0 | 1203.4 | 1203.9 | 1204.1 | 1203.3 | 1201.8 | 1200.3 | 1198.7 | 1197.2 | 1198.7 |
| 155°   | 1225.4 | 1226.0 | 1226.7 | 1227.4 | 1227.7 | 1226.8 | 1225.1 | 1223.3 | 1221.6 | 1219.8 | 1221.6 |
| 157.5° | 1245.0 | 1245.7 | 1246.3 | 1247.0 | 1247.3 | 1246.4 | 1244.7 | 1243.0 | 1241.2 | 1239.5 | 1241.2 |
| 160°   | 1263.0 | 1263.8 | 1264.7 | 1265.6 | 1266.0 | 1265.1 | 1263.4 | 1261.6 | 1259.9 | 1258.1 | 1259.9 |
| 162.5° | 1279.1 | 1280.4 | 1281.7 | 1283.0 | 1283.7 | 1282.7 | 1280.7 | 1278.8 | 1276.8 | 1274.8 | 1276.8 |
| 165°   | 1292.8 | 1294.1 | 1295.4 | 1296.7 | 1297.4 | 1296.5 | 1294.8 | 1293.1 | 1291.3 | 1289.6 | 1291.3 |
| 167.5° | 1303.9 | 1305.4 | 1306.9 | 1308.4 | 1309.2 | 1308.2 | 1306.3 | 1304.3 | 1302.4 | 1300.4 | 1302.4 |
| 170°   | 1312.0 | 1313.7 | 1315.5 | 1317.2 | 1318.1 | 1317.1 | 1315.1 | 1313.2 | 1311.2 | 1309.2 | 1311.2 |
| 172.5° | 1318.6 | 1320.2 | 1321.7 | 1323.2 | 1324.0 | 1323.0 | 1321.0 | 1319.1 | 1317.1 | 1315.1 | 1317.1 |
| 175°   | 1322.8 | 1324.5 | 1326.3 | 1328.0 | 1328.9 | 1327.9 | 1326.0 | 1324.0 | 1322.1 | 1320.1 | 1322.1 |
| 177.5° | 1325.5 | 1327.1 | 1328.6 | 1330.1 | 1330.9 | 1330.0 | 1328.3 | 1326.5 | 1324.8 | 1323.0 | 1324.8 |
| 180°   | 1325.9 | 1325.9 | 1325.9 | 1325.9 | 1325.9 | 1325.9 | 1325.9 | 1325.9 | 1325.9 | 1325.9 | 1325.9 |

TEST NUMBER: P1027997

CATALOG NUMBER: S125DIP-B610D1090UB40-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 100°   | 105°   | 110°   | 112.5° | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 886.3  | 886.3  | 886.3  | 886.3  | 886.3  | 886.3  | 886.3  | 886.3  | 886.3  | 886.3  | 886.3  |
| 2.5°   | 948.7  | 943.5  | 945.0  | 943.5  | 939.7  | 937.5  | 931.4  | 923.9  | 920.9  | 917.1  | 914.9  |
| 5°     | 1024.7 | 1021.0 | 1020.2 | 1014.2 | 1012.7 | 1003.7 | 988.6  | 981.1  | 972.1  | 963.0  | 954.0  |
| 7.5°   | 1107.5 | 1103.0 | 1087.9 | 1085.7 | 1087.2 | 1075.9 | 1056.3 | 1041.3 | 1022.5 | 1009.7 | 992.4  |
| 10°    | 1176.0 | 1166.9 | 1154.1 | 1154.9 | 1149.6 | 1134.6 | 1115.0 | 1099.2 | 1072.1 | 1055.6 | 1030.8 |
| 12.5°  | 1217.3 | 1209.8 | 1208.3 | 1200.8 | 1196.3 | 1176.7 | 1153.4 | 1133.1 | 1112.8 | 1090.2 | 1071.4 |
| 15°    | 1267.7 | 1258.0 | 1251.2 | 1240.7 | 1237.7 | 1217.3 | 1191.8 | 1168.4 | 1145.1 | 1124.0 | 1084.2 |
| 17.5°  | 1323.4 | 1312.9 | 1287.3 | 1285.1 | 1267.0 | 1247.4 | 1222.6 | 1188.0 | 1163.2 | 1133.1 | 1103.7 |
| 20°    | 1386.6 | 1371.6 | 1338.5 | 1330.2 | 1315.9 | 1283.5 | 1249.7 | 1211.3 | 1171.4 | 1140.6 | 1106.0 |
| 22.5°  | 1457.3 | 1431.0 | 1406.9 | 1380.6 | 1370.1 | 1330.2 | 1283.5 | 1236.9 | 1188.8 | 1146.6 | 1105.2 |
| 25°    | 1549.1 | 1514.5 | 1480.7 | 1454.3 | 1436.3 | 1384.4 | 1321.9 | 1260.2 | 1204.6 | 1149.6 | 1095.5 |
| 27.5°  | 1621.4 | 1591.3 | 1554.4 | 1519.8 | 1496.5 | 1434.8 | 1363.3 | 1283.5 | 1214.3 | 1147.4 | 1089.4 |
| 30°    | 1626.6 | 1617.6 | 1595.0 | 1576.2 | 1550.6 | 1484.4 | 1405.4 | 1315.1 | 1229.4 | 1148.1 | 1077.4 |
| 32.5°  | 1528.1 | 1546.1 | 1555.9 | 1558.9 | 1553.7 | 1515.3 | 1443.1 | 1343.7 | 1242.9 | 1141.4 | 1066.9 |
| 35°    | 1315.9 | 1364.1 | 1423.5 | 1446.1 | 1467.9 | 1488.2 | 1450.6 | 1364.1 | 1247.4 | 1139.8 | 1050.3 |
| 37.5°  | 1083.4 | 1127.1 | 1225.6 | 1270.8 | 1296.3 | 1376.8 | 1407.7 | 1361.0 | 1256.5 | 1141.4 | 1034.5 |
| 40°    | 874.3  | 943.5  | 1014.2 | 1075.1 | 1115.0 | 1205.3 | 1300.9 | 1311.4 | 1243.7 | 1127.1 | 1014.2 |
| 42.5°  | 735.8  | 776.4  | 829.9  | 886.3  | 921.7  | 1028.5 | 1157.9 | 1233.9 | 1203.8 | 1103.7 | 989.4  |
| 45°    | 626.7  | 656.8  | 707.2  | 726.0  | 771.2  | 873.5  | 1010.4 | 1120.3 | 1135.3 | 1066.9 | 960.8  |
| 47.5°  | 537.9  | 563.5  | 595.9  | 619.2  | 655.3  | 732.1  | 847.9  | 969.1  | 1041.3 | 1016.5 | 920.9  |
| 50°    | 474.0  | 495.1  | 522.1  | 535.7  | 559.0  | 628.2  | 715.5  | 835.9  | 932.9  | 941.2  | 869.0  |
| 52.5°  | 420.6  | 432.6  | 453.7  | 468.7  | 487.5  | 529.7  | 608.7  | 708.0  | 817.1  | 862.2  | 805.0  |
| 55°    | 373.9  | 383.7  | 402.5  | 412.3  | 422.1  | 458.2  | 519.9  | 610.2  | 712.5  | 771.9  | 739.6  |
| 57.5°  | 331.8  | 340.1  | 355.9  | 364.9  | 370.2  | 404.8  | 452.2  | 522.9  | 614.7  | 686.9  | 668.9  |
| 60°    | 297.2  | 304.7  | 313.7  | 320.5  | 326.5  | 355.1  | 388.2  | 445.4  | 527.4  | 597.4  | 592.9  |
| 62.5°  | 260.3  | 267.1  | 276.9  | 283.6  | 288.9  | 307.0  | 334.8  | 378.4  | 448.4  | 513.1  | 525.9  |
| 65°    | 228.0  | 233.2  | 240.0  | 243.0  | 249.8  | 263.3  | 285.9  | 325.0  | 382.2  | 440.1  | 449.2  |
| 67.5°  | 198.6  | 200.1  | 204.6  | 211.4  | 212.9  | 225.0  | 245.3  | 274.6  | 319.0  | 366.4  | 380.7  |
| 70°    | 167.0  | 169.3  | 173.0  | 178.3  | 181.3  | 188.8  | 206.2  | 225.7  | 264.1  | 305.5  | 316.0  |
| 72.5°  | 139.2  | 142.2  | 143.7  | 146.7  | 148.2  | 160.3  | 167.8  | 187.3  | 213.7  | 248.3  | 259.6  |
| 75°    | 112.9  | 115.9  | 116.6  | 118.1  | 119.6  | 124.9  | 135.4  | 147.5  | 169.3  | 191.9  | 206.9  |
| 77.5°  | 89.5   | 88.8   | 90.3   | 92.5   | 91.8   | 96.3   | 103.1  | 113.6  | 127.9  | 146.7  | 156.5  |
| 80°    | 63.2   | 63.2   | 65.5   | 67.7   | 67.0   | 71.5   | 73.7   | 81.3   | 93.3   | 105.3  | 109.1  |
| 82.5°  | 42.1   | 42.1   | 44.4   | 44.4   | 45.9   | 46.6   | 49.7   | 53.4   | 63.2   | 69.2   | 71.5   |
| 85°    | 24.1   | 24.1   | 24.8   | 24.8   | 24.8   | 26.3   | 28.6   | 30.1   | 33.1   | 36.9   | 38.4   |
| 87.5°  | 9.8    | 10.5   | 10.5   | 10.5   | 10.5   | 12.0   | 12.0   | 13.5   | 14.3   | 15.8   | 15.8   |
| 90°    | 22.3   | 21.6   | 20.9   | 20.6   | 20.1   | 19.0   | 17.9   | 16.8   | 15.7   | 14.2   | 12.6   |
| 92.5°  | 21.2   | 20.9   | 20.7   | 20.6   | 20.1   | 19.0   | 17.9   | 16.8   | 15.7   | 14.4   | 13.1   |
| 95°    | 20.6   | 20.6   | 20.6   | 20.6   | 20.1   | 19.0   | 17.9   | 16.8   | 15.7   | 24.0   | 32.3   |
| 97.5°  | 20.2   | 20.0   | 19.8   | 19.7   | 19.5   | 19.0   | 18.6   | 18.1   | 17.7   | 38.5   | 59.2   |
| 100°   | 22.4   | 23.3   | 24.2   | 24.6   | 40.9   | 73.4   | 105.9  | 138.5  | 171.0  | 170.1  | 169.3  |
| 102.5° | 186.1  | 204.5  | 222.8  | 232.0  | 231.8  | 231.3  | 230.9  | 230.4  | 230.0  | 229.6  | 229.1  |
| 105°   | 292.3  | 292.6  | 292.8  | 292.9  | 292.9  | 292.9  | 292.9  | 292.9  | 292.9  | 292.9  | 292.9  |
| 107.5° | 356.6  | 357.5  | 358.4  | 358.8  | 358.7  | 358.5  | 358.2  | 358.0  | 357.8  | 357.4  | 356.9  |
| 110°   | 420.3  | 420.0  | 419.8  | 419.7  | 420.0  | 420.7  | 421.4  | 422.0  | 422.7  | 422.3  | 421.8  |

TEST NUMBER: P1027997

CATALOG NUMBER: S125DIP-B610D1090UB40-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 100°   | 105°   | 110°   | 112.5° | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 480.5  | 481.0  | 481.4  | 481.6  | 482.0  | 482.9  | 483.8  | 484.7  | 485.6  | 485.4  | 485.2  |
| 115°   | 541.2  | 542.5  | 543.8  | 544.5  | 544.9  | 545.8  | 546.7  | 547.6  | 548.5  | 548.3  | 548.1  |
| 117.5° | 603.4  | 603.8  | 604.3  | 604.5  | 605.2  | 606.5  | 607.8  | 609.1  | 610.4  | 609.5  | 608.7  |
| 120°   | 662.7  | 663.8  | 664.9  | 665.4  | 665.6  | 666.1  | 666.5  | 667.0  | 667.4  | 666.7  | 666.1  |
| 122.5° | 718.2  | 719.5  | 720.8  | 721.5  | 721.7  | 722.1  | 722.6  | 723.0  | 723.4  | 723.2  | 723.0  |
| 125°   | 772.9  | 773.5  | 774.2  | 774.5  | 774.9  | 775.8  | 776.7  | 777.6  | 778.5  | 778.5  | 778.5  |
| 127.5° | 821.3  | 823.0  | 824.7  | 825.6  | 825.8  | 826.3  | 826.7  | 827.2  | 827.6  | 827.8  | 828.0  |
| 130°   | 871.1  | 872.2  | 873.3  | 873.8  | 874.1  | 874.8  | 875.5  | 876.1  | 876.8  | 876.6  | 876.4  |
| 132.5° | 918.3  | 919.4  | 920.5  | 921.0  | 921.0  | 921.0  | 921.0  | 921.0  | 921.0  | 921.6  | 922.3  |
| 135°   | 960.9  | 962.2  | 963.5  | 964.2  | 964.4  | 964.9  | 965.3  | 965.8  | 966.2  | 966.6  | 967.1  |
| 137.5° | 1004.8 | 1005.9 | 1007.0 | 1007.5 | 1007.5 | 1007.5 | 1007.5 | 1007.5 | 1007.5 | 1007.9 | 1008.4 |
| 140°   | 1043.5 | 1044.8 | 1046.1 | 1046.8 | 1046.6 | 1046.1 | 1045.7 | 1045.2 | 1044.8 | 1045.0 | 1045.2 |
| 142.5° | 1079.9 | 1081.2 | 1082.5 | 1083.2 | 1083.2 | 1083.2 | 1083.2 | 1083.2 | 1083.2 | 1082.8 | 1082.3 |
| 145°   | 1115.3 | 1116.6 | 1117.9 | 1118.6 | 1118.5 | 1118.3 | 1118.0 | 1117.8 | 1117.6 | 1117.6 | 1117.6 |
| 147.5° | 1145.2 | 1146.7 | 1148.2 | 1149.0 | 1148.9 | 1148.7 | 1148.4 | 1148.2 | 1148.0 | 1147.8 | 1147.6 |
| 150°   | 1174.1 | 1175.9 | 1177.6 | 1178.5 | 1178.3 | 1177.8 | 1177.4 | 1176.9 | 1176.5 | 1176.1 | 1175.7 |
| 152.5° | 1200.3 | 1201.8 | 1203.3 | 1204.1 | 1203.9 | 1203.4 | 1203.0 | 1202.5 | 1202.1 | 1201.7 | 1201.2 |
| 155°   | 1223.3 | 1225.1 | 1226.8 | 1227.7 | 1227.4 | 1226.7 | 1226.0 | 1225.4 | 1224.7 | 1224.3 | 1223.8 |
| 157.5° | 1243.0 | 1244.7 | 1246.4 | 1247.3 | 1247.0 | 1246.3 | 1245.7 | 1245.0 | 1244.4 | 1244.4 | 1244.4 |
| 160°   | 1261.6 | 1263.4 | 1265.1 | 1266.0 | 1265.6 | 1264.7 | 1263.8 | 1263.0 | 1262.1 | 1261.9 | 1261.7 |
| 162.5° | 1278.8 | 1280.7 | 1282.7 | 1283.7 | 1283.0 | 1281.7 | 1280.4 | 1279.1 | 1277.8 | 1277.6 | 1277.4 |
| 165°   | 1293.1 | 1294.8 | 1296.5 | 1297.4 | 1296.7 | 1295.4 | 1294.1 | 1292.8 | 1291.5 | 1291.3 | 1291.1 |
| 167.5° | 1304.3 | 1306.3 | 1308.2 | 1309.2 | 1308.4 | 1306.9 | 1305.4 | 1303.9 | 1302.4 | 1302.2 | 1302.0 |
| 170°   | 1313.2 | 1315.1 | 1317.1 | 1318.1 | 1317.2 | 1315.5 | 1313.7 | 1312.0 | 1310.2 | 1310.0 | 1309.8 |
| 172.5° | 1319.1 | 1321.0 | 1323.0 | 1324.0 | 1323.2 | 1321.7 | 1320.2 | 1318.6 | 1317.1 | 1316.7 | 1316.2 |
| 175°   | 1324.0 | 1326.0 | 1327.9 | 1328.9 | 1328.0 | 1326.3 | 1324.5 | 1322.8 | 1321.0 | 1320.8 | 1320.6 |
| 177.5° | 1326.5 | 1328.3 | 1330.0 | 1330.9 | 1330.1 | 1328.6 | 1327.1 | 1325.5 | 1324.0 | 1323.8 | 1323.6 |
| 180°   | 1325.9 | 1325.9 | 1325.9 | 1325.9 | 1325.9 | 1325.9 | 1325.9 | 1325.9 | 1325.9 | 1325.9 | 1325.9 |

TEST NUMBER: P1027997

CATALOG NUMBER: S125DIP-B610D1090UB40-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 150°   | 155°   | 157.5° | 160°  | 165°  | 170°  | 175°  | 180°  | 185°  | 190°  | 195°  |
|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 886.3  | 886.3  | 886.3  | 886.3 | 886.3 | 886.3 | 886.3 | 886.3 | 886.3 | 886.3 | 886.3 |
| 2.5°   | 911.9  | 908.1  | 903.6  | 903.6 | 898.3 | 896.1 | 891.6 | 890.1 | 886.3 | 880.3 | 875.8 |
| 5°     | 944.2  | 934.4  | 928.4  | 923.2 | 911.9 | 903.6 | 895.3 | 886.3 | 877.3 | 866.7 | 854.7 |
| 7.5°   | 975.8  | 957.8  | 949.5  | 940.5 | 923.9 | 906.6 | 890.1 | 878.0 | 866.0 | 849.4 | 834.4 |
| 10°    | 1008.9 | 986.4  | 971.3  | 959.3 | 933.7 | 911.9 | 887.8 | 870.5 | 851.7 | 830.6 | 811.1 |
| 12.5°  | 1036.8 | 1007.4 | 994.6  | 972.1 | 942.7 | 916.4 | 886.3 | 860.0 | 835.1 | 810.3 | 786.2 |
| 15°    | 1060.1 | 1032.3 | 1000.7 | 991.6 | 951.0 | 913.4 | 879.5 | 845.7 | 814.8 | 790.0 | 762.2 |
| 17.5°  | 1067.6 | 1032.3 | 1016.5 | 994.6 | 946.5 | 907.4 | 864.5 | 827.6 | 798.3 | 761.4 | 739.6 |
| 20°    | 1069.9 | 1036.0 | 1014.2 | 993.9 | 951.0 | 899.1 | 857.0 | 811.8 | 776.4 | 739.6 | 705.0 |
| 22.5°  | 1063.9 | 1024.0 | 1002.9 | 983.4 | 935.2 | 890.8 | 841.9 | 792.2 | 750.9 | 717.0 | 682.4 |
| 25°    | 1052.6 | 1005.9 | 985.6  | 964.5 | 918.6 | 869.7 | 816.3 | 768.9 | 730.6 | 689.9 | 656.1 |
| 27.5°  | 1037.5 | 984.1  | 960.8  | 939.0 | 893.8 | 847.9 | 797.5 | 748.6 | 705.7 | 662.8 | 631.2 |
| 30°    | 1018.7 | 957.0  | 936.0  | 907.4 | 863.7 | 820.1 | 774.2 | 725.3 | 677.1 | 636.5 | 601.9 |
| 32.5°  | 994.6  | 929.9  | 902.1  | 875.0 | 827.6 | 787.7 | 744.1 | 698.2 | 651.6 | 611.7 | 575.6 |
| 35°    | 972.8  | 899.1  | 868.2  | 841.2 | 788.5 | 746.4 | 710.2 | 667.4 | 626.0 | 584.6 | 552.2 |
| 37.5°  | 943.5  | 868.2  | 831.4  | 803.5 | 750.1 | 707.2 | 673.4 | 640.3 | 596.6 | 556.8 | 526.7 |
| 40°    | 912.6  | 829.9  | 795.3  | 767.4 | 711.7 | 665.1 | 632.7 | 603.4 | 568.0 | 531.2 | 499.6 |
| 42.5°  | 884.8  | 793.0  | 756.1  | 722.3 | 665.9 | 624.5 | 591.4 | 568.8 | 536.4 | 503.3 | 474.7 |
| 45°    | 849.4  | 753.9  | 714.0  | 678.6 | 624.5 | 579.3 | 547.7 | 529.7 | 505.6 | 473.2 | 448.4 |
| 47.5°  | 813.3  | 711.7  | 670.4  | 635.8 | 577.1 | 537.2 | 506.3 | 489.0 | 472.5 | 446.9 | 422.1 |
| 50°    | 765.9  | 667.4  | 629.7  | 589.9 | 531.9 | 491.3 | 465.7 | 448.4 | 435.6 | 417.6 | 396.5 |
| 52.5°  | 714.0  | 621.5  | 580.8  | 546.2 | 489.0 | 452.2 | 422.8 | 413.1 | 400.3 | 386.7 | 368.7 |
| 55°    | 659.1  | 571.8  | 532.7  | 498.8 | 446.2 | 408.5 | 384.5 | 373.9 | 364.1 | 353.6 | 341.6 |
| 57.5°  | 604.2  | 519.9  | 483.0  | 452.9 | 404.0 | 367.9 | 348.3 | 334.1 | 327.3 | 321.3 | 311.5 |
| 60°    | 535.7  | 464.2  | 435.6  | 408.5 | 360.4 | 327.3 | 308.5 | 297.9 | 291.9 | 288.9 | 284.4 |
| 62.5°  | 475.5  | 416.8  | 385.2  | 358.9 | 320.5 | 291.2 | 273.1 | 264.8 | 259.6 | 258.1 | 252.8 |
| 65°    | 411.5  | 361.1  | 336.3  | 313.7 | 280.6 | 254.3 | 239.3 | 229.5 | 225.7 | 225.0 | 225.0 |
| 67.5°  | 351.4  | 310.7  | 285.9  | 270.1 | 241.5 | 218.2 | 203.9 | 200.1 | 197.9 | 194.9 | 194.1 |
| 70°    | 294.9  | 262.6  | 240.8  | 227.2 | 201.6 | 184.3 | 173.0 | 167.0 | 167.0 | 164.8 | 163.3 |
| 72.5°  | 245.3  | 212.9  | 198.6  | 187.3 | 166.3 | 151.2 | 143.0 | 141.4 | 136.2 | 135.4 | 135.4 |
| 75°    | 191.9  | 167.8  | 158.0  | 148.2 | 132.4 | 121.9 | 115.1 | 111.4 | 108.3 | 108.3 | 109.1 |
| 77.5°  | 144.5  | 127.9  | 118.9  | 111.4 | 100.1 | 93.3  | 88.0  | 86.5  | 83.5  | 83.5  | 83.5  |
| 80°    | 102.3  | 93.3   | 86.5   | 80.5  | 72.2  | 66.2  | 63.2  | 60.2  | 60.2  | 59.4  | 60.2  |
| 82.5°  | 66.2   | 58.7   | 54.9   | 54.2  | 46.6  | 44.4  | 40.6  | 41.4  | 39.1  | 38.4  | 39.9  |
| 85°    | 38.4   | 34.6   | 30.1   | 28.6  | 25.6  | 22.6  | 21.1  | 21.8  | 21.1  | 20.3  | 21.1  |
| 87.5°  | 15.0   | 12.8   | 12.0   | 12.0  | 9.8   | 9.0   | 8.3   | 9.0   | 7.5   | 7.5   | 8.3   |
| 90°    | 11.1   | 9.6    | 8.8    | 7.9   | 6.2   | 4.5   | 2.7   | 1.0   | 2.7   | 4.5   | 6.2   |
| 92.5°  | 11.8   | 10.5   | 9.8    | 10.8  | 12.8  | 14.7  | 16.7  | 18.7  | 16.7  | 14.7  | 12.8  |
| 95°    | 40.6   | 48.9   | 53.1   | 53.4  | 54.1  | 54.7  | 55.4  | 56.0  | 55.4  | 54.7  | 54.1  |
| 97.5°  | 80.0   | 100.7  | 111.1  | 110.4 | 109.1 | 107.8 | 106.5 | 105.2 | 106.5 | 107.8 | 109.1 |
| 100°   | 168.4  | 167.5  | 167.1  | 166.8 | 166.1 | 165.4 | 164.8 | 164.1 | 164.8 | 165.4 | 166.1 |
| 102.5° | 228.7  | 228.2  | 228.0  | 227.6 | 226.7 | 225.8 | 225.0 | 224.1 | 225.0 | 225.8 | 226.7 |
| 105°   | 292.9  | 292.9  | 292.9  | 292.5 | 291.6 | 290.7 | 289.9 | 289.0 | 289.9 | 290.7 | 291.6 |
| 107.5° | 356.5  | 356.0  | 355.8  | 355.8 | 355.8 | 355.8 | 355.8 | 355.8 | 355.8 | 355.8 | 355.8 |
| 110°   | 421.4  | 420.9  | 420.7  | 420.7 | 420.7 | 420.7 | 420.7 | 420.7 | 420.7 | 420.7 | 420.7 |

TEST NUMBER: P1027997

CATALOG NUMBER: S125DIP-B610D1090UB40-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 150°   | 155°   | 157.5° | 160°   | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 484.9  | 484.7  | 484.6  | 484.3  | 483.6  | 482.9  | 482.3  | 481.6  | 482.3  | 482.9  | 483.6  |
| 115°   | 547.8  | 547.6  | 547.5  | 547.0  | 545.9  | 544.8  | 543.7  | 542.6  | 543.7  | 544.8  | 545.9  |
| 117.5° | 607.8  | 606.9  | 606.5  | 606.5  | 606.5  | 606.5  | 606.5  | 606.5  | 606.5  | 606.5  | 606.5  |
| 120°   | 665.4  | 664.7  | 664.4  | 664.5  | 664.7  | 665.0  | 665.2  | 665.4  | 665.2  | 665.0  | 664.7  |
| 122.5° | 722.7  | 722.5  | 722.4  | 721.9  | 720.8  | 719.7  | 718.6  | 717.5  | 718.6  | 719.7  | 720.8  |
| 125°   | 778.5  | 778.5  | 778.5  | 777.7  | 776.2  | 774.7  | 773.1  | 771.6  | 773.1  | 774.7  | 776.2  |
| 127.5° | 828.3  | 828.5  | 828.6  | 828.1  | 827.0  | 825.9  | 824.8  | 823.7  | 824.8  | 825.9  | 827.0  |
| 130°   | 876.1  | 875.9  | 875.8  | 875.3  | 874.2  | 873.1  | 872.0  | 870.9  | 872.0  | 873.1  | 874.2  |
| 132.5° | 922.9  | 923.6  | 923.9  | 923.2  | 921.9  | 920.6  | 919.3  | 918.0  | 919.3  | 920.6  | 921.9  |
| 135°   | 967.5  | 968.0  | 968.2  | 967.5  | 966.2  | 964.9  | 963.6  | 962.3  | 963.6  | 964.9  | 966.2  |
| 137.5° | 1008.8 | 1009.3 | 1009.5 | 1008.8 | 1007.5 | 1006.2 | 1004.9 | 1003.6 | 1004.9 | 1006.2 | 1007.5 |
| 140°   | 1045.5 | 1045.7 | 1045.8 | 1045.6 | 1045.2 | 1044.7 | 1044.3 | 1043.9 | 1044.3 | 1044.7 | 1045.2 |
| 142.5° | 1081.9 | 1081.4 | 1081.2 | 1081.1 | 1080.9 | 1080.6 | 1080.4 | 1080.2 | 1080.4 | 1080.6 | 1080.9 |
| 145°   | 1117.6 | 1117.6 | 1117.6 | 1117.4 | 1116.9 | 1116.5 | 1116.0 | 1115.6 | 1116.0 | 1116.5 | 1116.9 |
| 147.5° | 1147.4 | 1147.2 | 1147.1 | 1147.1 | 1147.1 | 1147.1 | 1147.1 | 1147.1 | 1147.1 | 1147.1 | 1147.1 |
| 150°   | 1175.2 | 1174.8 | 1174.6 | 1174.8 | 1175.2 | 1175.7 | 1176.1 | 1176.5 | 1176.1 | 1175.7 | 1175.2 |
| 152.5° | 1200.8 | 1200.3 | 1200.1 | 1200.7 | 1201.8 | 1202.9 | 1204.0 | 1205.1 | 1204.0 | 1202.9 | 1201.8 |
| 155°   | 1223.4 | 1222.9 | 1222.7 | 1223.4 | 1224.7 | 1226.0 | 1227.3 | 1228.6 | 1227.3 | 1226.0 | 1224.7 |
| 157.5° | 1244.4 | 1244.4 | 1244.4 | 1244.7 | 1245.4 | 1246.0 | 1246.7 | 1247.3 | 1246.7 | 1246.0 | 1245.4 |
| 160°   | 1261.4 | 1261.2 | 1261.1 | 1261.8 | 1263.1 | 1264.4 | 1265.7 | 1267.0 | 1265.7 | 1264.4 | 1263.1 |
| 162.5° | 1277.1 | 1276.9 | 1276.8 | 1277.5 | 1278.8 | 1280.1 | 1281.4 | 1282.7 | 1281.4 | 1280.1 | 1278.8 |
| 165°   | 1290.9 | 1290.7 | 1290.6 | 1291.3 | 1292.6 | 1293.9 | 1295.2 | 1296.5 | 1295.2 | 1293.9 | 1292.6 |
| 167.5° | 1301.7 | 1301.5 | 1301.4 | 1302.1 | 1303.4 | 1304.7 | 1306.0 | 1307.3 | 1306.0 | 1304.7 | 1303.4 |
| 170°   | 1309.5 | 1309.3 | 1309.2 | 1310.0 | 1311.5 | 1313.0 | 1314.6 | 1316.1 | 1314.6 | 1313.0 | 1311.5 |
| 172.5° | 1315.8 | 1315.3 | 1315.1 | 1315.9 | 1317.4 | 1318.9 | 1320.5 | 1322.0 | 1320.5 | 1318.9 | 1317.4 |
| 175°   | 1320.4 | 1320.2 | 1320.1 | 1320.7 | 1322.0 | 1323.3 | 1324.6 | 1325.9 | 1324.6 | 1323.3 | 1322.0 |
| 177.5° | 1323.3 | 1323.1 | 1323.0 | 1323.7 | 1325.0 | 1326.3 | 1327.6 | 1328.9 | 1327.6 | 1326.3 | 1325.0 |
| 180°   | 1325.9 | 1325.9 | 1325.9 | 1325.9 | 1325.9 | 1325.9 | 1325.9 | 1325.9 | 1325.9 | 1325.9 | 1325.9 |

TEST NUMBER: P1027997

CATALOG NUMBER: S125DIP-B610D1090UB40-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 200°  | 202.5° | 205°  | 210°  | 215°  | 220°  | 225°  | 230°  | 235°  | 240°  | 245°  |
|--------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 886.3 | 886.3  | 886.3 | 886.3 | 886.3 | 886.3 | 886.3 | 886.3 | 886.3 | 886.3 | 886.3 |
| 2.5°   | 874.3 | 872.8  | 869.0 | 866.7 | 859.2 | 850.2 | 847.2 | 839.6 | 842.7 | 837.4 | 837.4 |
| 5°     | 850.9 | 844.2  | 839.6 | 832.9 | 818.6 | 808.8 | 798.3 | 793.0 | 790.0 | 786.2 | 783.2 |
| 7.5°   | 820.8 | 815.6  | 811.1 | 798.3 | 782.5 | 768.9 | 756.1 | 750.9 | 741.1 | 734.3 | 731.3 |
| 10°    | 794.5 | 787.0  | 776.4 | 761.4 | 744.9 | 727.5 | 716.3 | 705.0 | 697.5 | 693.7 | 685.4 |
| 12.5°  | 767.4 | 758.4  | 747.1 | 725.3 | 707.2 | 696.7 | 676.4 | 665.9 | 662.1 | 659.1 | 649.3 |
| 15°    | 739.6 | 729.8  | 716.3 | 695.9 | 680.1 | 655.3 | 643.3 | 635.0 | 626.0 | 625.2 | 617.7 |
| 17.5°  | 714.8 | 702.7  | 691.4 | 666.6 | 647.0 | 625.2 | 618.5 | 609.4 | 601.1 | 592.1 | 588.4 |
| 20°    | 683.2 | 671.9  | 663.6 | 636.5 | 614.7 | 601.1 | 589.9 | 582.3 | 577.1 | 568.0 | 566.5 |
| 22.5°  | 654.6 | 642.5  | 631.2 | 610.9 | 592.1 | 574.8 | 561.3 | 553.0 | 550.7 | 547.0 | 540.2 |
| 25°    | 626.7 | 614.7  | 601.1 | 582.3 | 562.8 | 550.7 | 538.7 | 533.4 | 528.9 | 522.9 | 517.6 |
| 27.5°  | 603.4 | 592.1  | 579.3 | 556.0 | 539.5 | 530.4 | 517.6 | 511.6 | 505.6 | 502.6 | 500.3 |
| 30°    | 575.6 | 562.8  | 553.0 | 534.9 | 516.9 | 504.8 | 495.8 | 490.5 | 485.3 | 482.3 | 480.8 |
| 32.5°  | 548.5 | 536.4  | 529.7 | 510.1 | 495.8 | 481.5 | 474.7 | 471.0 | 468.0 | 465.0 | 462.0 |
| 35°    | 526.7 | 514.6  | 504.1 | 486.0 | 471.7 | 462.0 | 456.7 | 450.7 | 448.4 | 445.4 | 445.4 |
| 37.5°  | 499.6 | 490.5  | 480.0 | 462.7 | 449.9 | 442.4 | 437.9 | 430.4 | 429.6 | 428.1 | 425.8 |
| 40°    | 476.3 | 467.2  | 457.4 | 442.4 | 431.1 | 422.1 | 416.1 | 412.3 | 410.0 | 408.5 | 407.0 |
| 42.5°  | 451.4 | 441.6  | 437.1 | 419.8 | 410.0 | 401.0 | 398.0 | 394.2 | 393.5 | 390.5 | 386.7 |
| 45°    | 427.3 | 419.1  | 410.0 | 397.3 | 389.0 | 381.5 | 376.9 | 373.9 | 370.2 | 369.4 | 367.2 |
| 47.5°  | 406.3 | 396.5  | 388.2 | 376.2 | 367.2 | 361.1 | 357.4 | 353.6 | 350.6 | 348.3 | 346.1 |
| 50°    | 379.2 | 371.7  | 364.9 | 352.1 | 344.6 | 338.6 | 333.3 | 330.3 | 327.3 | 327.3 | 327.3 |
| 52.5°  | 352.9 | 346.1  | 340.1 | 331.0 | 322.0 | 316.7 | 310.7 | 308.5 | 307.0 | 304.7 | 307.0 |
| 55°    | 327.3 | 320.5  | 314.5 | 307.7 | 297.2 | 292.7 | 286.7 | 284.4 | 285.1 | 285.1 | 287.4 |
| 57.5°  | 300.2 | 294.9  | 291.2 | 282.9 | 273.1 | 268.6 | 264.8 | 262.6 | 262.6 | 265.6 | 266.3 |
| 60°    | 273.9 | 268.6  | 261.8 | 254.3 | 248.3 | 243.0 | 240.8 | 241.5 | 241.5 | 243.0 | 246.8 |
| 62.5°  | 244.5 | 241.5  | 237.8 | 227.2 | 223.5 | 219.7 | 216.7 | 218.9 | 218.2 | 222.0 | 227.2 |
| 65°    | 217.4 | 214.4  | 209.2 | 203.9 | 199.4 | 195.6 | 194.9 | 195.6 | 197.1 | 200.9 | 206.9 |
| 67.5°  | 187.3 | 187.3  | 182.8 | 178.3 | 174.6 | 170.8 | 171.5 | 172.3 | 173.8 | 178.3 | 187.3 |
| 70°    | 162.5 | 159.5  | 155.0 | 152.0 | 149.0 | 147.5 | 146.0 | 149.0 | 153.5 | 156.5 | 163.3 |
| 72.5°  | 135.4 | 133.2  | 129.4 | 126.4 | 125.6 | 124.1 | 123.4 | 124.9 | 129.4 | 134.7 | 142.2 |
| 75°    | 106.8 | 107.6  | 105.3 | 103.1 | 103.1 | 100.8 | 102.3 | 102.3 | 106.8 | 112.1 | 118.1 |
| 77.5°  | 82.8  | 82.0   | 81.3  | 79.8  | 79.0  | 79.0  | 79.0  | 80.5  | 85.0  | 88.0  | 94.0  |
| 80°    | 58.7  | 59.4   | 57.2  | 57.9  | 57.2  | 57.9  | 57.9  | 60.9  | 63.2  | 67.0  | 71.5  |
| 82.5°  | 39.1  | 39.1   | 37.6  | 38.4  | 38.4  | 38.4  | 39.1  | 40.6  | 43.6  | 46.6  | 49.7  |
| 85°    | 21.8  | 22.6   | 21.1  | 22.6  | 22.6  | 22.6  | 23.3  | 24.1  | 26.3  | 27.1  | 30.1  |
| 87.5°  | 8.3   | 9.8    | 9.8   | 8.3   | 9.0   | 9.8   | 10.5  | 9.8   | 11.3  | 12.8  | 13.5  |
| 90°    | 7.9   | 8.8    | 9.6   | 11.1  | 12.6  | 14.2  | 15.7  | 16.8  | 17.9  | 19.0  | 20.1  |
| 92.5°  | 10.8  | 9.8    | 10.5  | 11.8  | 13.1  | 14.4  | 15.7  | 16.8  | 17.9  | 19.0  | 20.1  |
| 95°    | 53.4  | 53.1   | 48.9  | 40.6  | 32.3  | 24.0  | 15.7  | 16.8  | 17.9  | 19.0  | 20.1  |
| 97.5°  | 110.4 | 111.1  | 100.7 | 80.0  | 59.2  | 38.5  | 17.7  | 18.1  | 18.6  | 19.0  | 19.5  |
| 100°   | 166.8 | 167.1  | 167.5 | 168.4 | 169.3 | 170.1 | 171.0 | 138.5 | 105.9 | 73.4  | 40.9  |
| 102.5° | 227.6 | 228.0  | 228.2 | 228.7 | 229.1 | 229.6 | 230.0 | 230.4 | 230.9 | 231.3 | 231.8 |
| 105°   | 292.5 | 292.9  | 292.9 | 292.9 | 292.9 | 292.9 | 292.9 | 292.9 | 292.9 | 292.9 | 292.9 |
| 107.5° | 355.8 | 355.8  | 356.0 | 356.5 | 356.9 | 357.4 | 357.8 | 358.0 | 358.2 | 358.5 | 358.7 |
| 110°   | 420.7 | 420.7  | 420.9 | 421.4 | 421.8 | 422.3 | 422.7 | 422.0 | 421.4 | 420.7 | 420.0 |

TEST NUMBER: P1027997

CATALOG NUMBER: S125DIP-B610D1090UB40-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 200°   | 202.5° | 205°   | 210°   | 215°   | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 484.3  | 484.6  | 484.7  | 484.9  | 485.2  | 485.4  | 485.6  | 484.7  | 483.8  | 482.9  | 482.0  |
| 115°   | 547.0  | 547.5  | 547.6  | 547.8  | 548.1  | 548.3  | 548.5  | 547.6  | 546.7  | 545.8  | 544.9  |
| 117.5° | 606.5  | 606.5  | 606.9  | 607.8  | 608.7  | 609.5  | 610.4  | 609.1  | 607.8  | 606.5  | 605.2  |
| 120°   | 664.5  | 664.4  | 664.7  | 665.4  | 666.1  | 666.7  | 667.4  | 667.0  | 666.5  | 666.1  | 665.6  |
| 122.5° | 721.9  | 722.4  | 722.5  | 722.7  | 723.0  | 723.2  | 723.4  | 723.0  | 722.6  | 722.1  | 721.7  |
| 125°   | 777.7  | 778.5  | 778.5  | 778.5  | 778.5  | 778.5  | 778.5  | 777.6  | 776.7  | 775.8  | 774.9  |
| 127.5° | 828.1  | 828.6  | 828.5  | 828.3  | 828.0  | 827.8  | 827.6  | 827.2  | 826.7  | 826.3  | 825.8  |
| 130°   | 875.3  | 875.8  | 875.9  | 876.1  | 876.4  | 876.6  | 876.8  | 876.1  | 875.5  | 874.8  | 874.1  |
| 132.5° | 923.2  | 923.9  | 923.6  | 922.9  | 922.3  | 921.6  | 921.0  | 921.0  | 921.0  | 921.0  | 921.0  |
| 135°   | 967.5  | 968.2  | 968.0  | 967.5  | 967.1  | 966.6  | 966.2  | 965.8  | 965.3  | 964.9  | 964.4  |
| 137.5° | 1008.8 | 1009.5 | 1009.3 | 1008.8 | 1008.4 | 1007.9 | 1007.5 | 1007.5 | 1007.5 | 1007.5 | 1007.5 |
| 140°   | 1045.6 | 1045.8 | 1045.7 | 1045.5 | 1045.2 | 1045.0 | 1044.8 | 1045.2 | 1045.7 | 1046.1 | 1046.6 |
| 142.5° | 1081.1 | 1081.2 | 1081.4 | 1081.9 | 1082.3 | 1082.8 | 1083.2 | 1083.2 | 1083.2 | 1083.2 | 1083.2 |
| 145°   | 1117.4 | 1117.6 | 1117.6 | 1117.6 | 1117.6 | 1117.6 | 1117.6 | 1117.8 | 1118.0 | 1118.3 | 1118.5 |
| 147.5° | 1147.1 | 1147.1 | 1147.2 | 1147.4 | 1147.6 | 1147.8 | 1148.0 | 1148.2 | 1148.4 | 1148.7 | 1148.9 |
| 150°   | 1174.8 | 1174.6 | 1174.8 | 1175.2 | 1175.7 | 1176.1 | 1176.5 | 1176.9 | 1177.4 | 1177.8 | 1178.3 |
| 152.5° | 1200.7 | 1200.1 | 1200.3 | 1200.8 | 1201.2 | 1201.7 | 1202.1 | 1202.5 | 1203.0 | 1203.4 | 1203.9 |
| 155°   | 1223.4 | 1222.7 | 1222.9 | 1223.4 | 1223.8 | 1224.3 | 1224.7 | 1225.4 | 1226.0 | 1226.7 | 1227.4 |
| 157.5° | 1244.7 | 1244.4 | 1244.4 | 1244.4 | 1244.4 | 1244.4 | 1244.4 | 1245.0 | 1245.7 | 1246.3 | 1247.0 |
| 160°   | 1261.8 | 1261.1 | 1261.2 | 1261.4 | 1261.7 | 1261.9 | 1262.1 | 1263.0 | 1263.8 | 1264.7 | 1265.6 |
| 162.5° | 1277.5 | 1276.8 | 1276.9 | 1277.1 | 1277.4 | 1277.6 | 1277.8 | 1279.1 | 1280.4 | 1281.7 | 1283.0 |
| 165°   | 1291.3 | 1290.6 | 1290.7 | 1290.9 | 1291.1 | 1291.3 | 1291.5 | 1292.8 | 1294.1 | 1295.4 | 1296.7 |
| 167.5° | 1302.1 | 1301.4 | 1301.5 | 1301.7 | 1302.0 | 1302.2 | 1302.4 | 1303.9 | 1305.4 | 1306.9 | 1308.4 |
| 170°   | 1310.0 | 1309.2 | 1309.3 | 1309.5 | 1309.8 | 1310.0 | 1310.2 | 1312.0 | 1313.7 | 1315.5 | 1317.2 |
| 172.5° | 1315.9 | 1315.1 | 1315.3 | 1315.8 | 1316.2 | 1316.7 | 1317.1 | 1318.6 | 1320.2 | 1321.7 | 1323.2 |
| 175°   | 1320.7 | 1320.1 | 1320.2 | 1320.4 | 1320.6 | 1320.8 | 1321.0 | 1322.8 | 1324.5 | 1326.3 | 1328.0 |
| 177.5° | 1323.7 | 1323.0 | 1323.1 | 1323.3 | 1323.6 | 1323.8 | 1324.0 | 1325.5 | 1327.1 | 1328.6 | 1330.1 |
| 180°   | 1325.9 | 1325.9 | 1325.9 | 1325.9 | 1325.9 | 1325.9 | 1325.9 | 1325.9 | 1325.9 | 1325.9 | 1325.9 |

TEST NUMBER: P1027997

CATALOG NUMBER: S125DIP-B610D1090UB40-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°  | 255°  | 260°  | 265°  | 270°  | 275°  | 280°  | 285°  | 290°  | 292.5° |
|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 0°     | 886.3  | 886.3 | 886.3 | 886.3 | 886.3 | 886.3 | 886.3 | 886.3 | 886.3 | 886.3 | 886.3  |
| 2.5°   | 840.4  | 835.1 | 834.4 | 835.9 | 832.9 | 837.4 | 835.9 | 837.4 | 833.6 | 837.4 | 835.1  |
| 5°     | 782.5  | 781.0 | 778.0 | 774.2 | 774.9 | 775.7 | 779.5 | 775.7 | 778.7 | 779.5 | 783.2  |
| 7.5°   | 728.3  | 725.3 | 727.5 | 726.0 | 719.3 | 717.8 | 719.3 | 721.5 | 726.0 | 729.1 | 731.3  |
| 10°    | 684.7  | 683.2 | 680.1 | 677.9 | 674.1 | 671.9 | 674.9 | 671.9 | 677.9 | 683.2 | 683.2  |
| 12.5°  | 651.6  | 645.5 | 641.8 | 641.0 | 632.7 | 634.3 | 637.3 | 639.5 | 646.3 | 649.3 | 649.3  |
| 15°    | 616.9  | 612.4 | 610.9 | 607.9 | 604.9 | 607.9 | 606.4 | 608.7 | 611.7 | 614.7 | 616.2  |
| 17.5°  | 586.9  | 586.1 | 586.9 | 579.3 | 581.6 | 577.8 | 578.6 | 582.3 | 580.1 | 582.3 | 586.9  |
| 20°    | 559.8  | 561.3 | 559.0 | 556.0 | 556.0 | 551.5 | 556.8 | 555.3 | 556.0 | 560.5 | 567.3  |
| 22.5°  | 539.5  | 538.7 | 536.4 | 534.2 | 531.2 | 531.9 | 532.7 | 531.2 | 537.2 | 541.0 | 541.7  |
| 25°    | 517.6  | 516.1 | 515.4 | 513.1 | 510.1 | 513.1 | 512.4 | 513.1 | 514.6 | 520.6 | 516.1  |
| 27.5°  | 497.3  | 494.3 | 495.8 | 493.6 | 492.8 | 493.6 | 493.6 | 494.3 | 495.8 | 496.6 | 497.3  |
| 30°    | 480.0  | 477.0 | 476.3 | 474.7 | 474.0 | 474.7 | 476.3 | 474.7 | 480.8 | 480.0 | 480.0  |
| 32.5°  | 461.2  | 458.9 | 457.4 | 457.4 | 456.7 | 455.9 | 456.7 | 457.4 | 462.0 | 458.9 | 462.0  |
| 35°    | 443.1  | 441.6 | 441.6 | 440.1 | 439.4 | 439.4 | 439.4 | 442.4 | 440.9 | 443.1 | 443.1  |
| 37.5°  | 425.8  | 425.8 | 425.1 | 423.6 | 422.8 | 423.6 | 422.8 | 424.3 | 423.6 | 424.3 | 425.1  |
| 40°    | 407.8  | 406.3 | 405.5 | 405.5 | 403.3 | 401.0 | 403.3 | 403.3 | 404.0 | 406.3 | 407.0  |
| 42.5°  | 386.0  | 386.7 | 386.7 | 383.7 | 383.7 | 383.7 | 384.5 | 385.2 | 385.2 | 386.7 | 386.7  |
| 45°    | 367.2  | 365.7 | 365.7 | 365.7 | 364.1 | 364.9 | 366.4 | 366.4 | 366.4 | 366.4 | 364.9  |
| 47.5°  | 346.1  | 346.1 | 346.8 | 346.8 | 349.1 | 348.3 | 348.3 | 347.6 | 346.1 | 346.1 | 346.8  |
| 50°    | 326.5  | 328.8 | 329.5 | 329.5 | 330.3 | 331.0 | 331.0 | 329.5 | 328.8 | 326.5 | 326.5  |
| 52.5°  | 307.7  | 309.2 | 310.7 | 313.0 | 314.5 | 313.7 | 313.7 | 312.2 | 309.2 | 308.5 | 307.7  |
| 55°    | 287.4  | 289.7 | 292.7 | 294.9 | 297.2 | 297.9 | 297.9 | 294.9 | 291.9 | 288.2 | 288.2  |
| 57.5°  | 268.6  | 270.9 | 276.1 | 278.4 | 281.4 | 281.4 | 279.9 | 277.6 | 273.1 | 270.1 | 267.8  |
| 60°    | 249.8  | 253.5 | 257.3 | 261.8 | 265.6 | 266.3 | 264.1 | 261.1 | 255.8 | 252.0 | 249.0  |
| 62.5°  | 229.5  | 233.2 | 240.8 | 245.3 | 248.3 | 248.3 | 248.3 | 244.5 | 237.8 | 232.5 | 228.0  |
| 65°    | 209.9  | 213.7 | 220.4 | 226.5 | 228.7 | 231.0 | 228.7 | 225.0 | 219.7 | 213.7 | 209.2  |
| 67.5°  | 189.6  | 194.1 | 200.9 | 205.4 | 208.4 | 210.7 | 209.2 | 206.2 | 199.4 | 191.1 | 188.1  |
| 70°    | 167.0  | 169.3 | 179.1 | 183.6 | 188.1 | 189.6 | 188.1 | 183.6 | 176.8 | 167.8 | 164.8  |
| 72.5°  | 146.0  | 148.2 | 157.2 | 161.0 | 164.8 | 166.3 | 164.0 | 161.0 | 155.0 | 146.7 | 143.0  |
| 75°    | 121.9  | 125.6 | 130.2 | 136.2 | 140.7 | 142.2 | 139.9 | 137.7 | 130.2 | 124.9 | 121.9  |
| 77.5°  | 96.3   | 100.1 | 106.1 | 111.4 | 115.9 | 115.1 | 112.1 | 112.9 | 104.6 | 98.6  | 96.3   |
| 80°    | 73.0   | 76.0  | 80.5  | 85.0  | 87.3  | 87.3  | 86.5  | 83.5  | 80.5  | 76.0  | 72.2   |
| 82.5°  | 50.4   | 54.2  | 57.9  | 60.9  | 60.9  | 61.7  | 60.2  | 59.4  | 56.4  | 52.7  | 51.9   |
| 85°    | 30.1   | 30.8  | 33.9  | 33.9  | 36.9  | 35.4  | 34.6  | 36.9  | 33.9  | 31.6  | 30.8   |
| 87.5°  | 13.5   | 12.8  | 13.5  | 13.5  | 12.8  | 14.3  | 14.3  | 13.5  | 14.3  | 13.5  | 13.5   |
| 90°    | 20.6   | 20.9  | 21.6  | 22.3  | 22.9  | 23.6  | 22.9  | 22.3  | 21.6  | 20.9  | 20.6   |
| 92.5°  | 20.6   | 20.7  | 20.9  | 21.2  | 21.4  | 21.6  | 21.4  | 21.2  | 20.9  | 20.7  | 20.6   |
| 95°    | 20.6   | 20.6  | 20.6  | 20.6  | 20.6  | 20.6  | 20.6  | 20.6  | 20.6  | 20.6  | 20.6   |
| 97.5°  | 19.7   | 19.8  | 20.0  | 20.2  | 20.4  | 20.6  | 20.4  | 20.2  | 20.0  | 19.8  | 19.7   |
| 100°   | 24.6   | 24.2  | 23.3  | 22.4  | 21.5  | 20.6  | 21.5  | 22.4  | 23.3  | 24.2  | 24.6   |
| 102.5° | 232.0  | 222.8 | 204.5 | 186.1 | 167.8 | 149.4 | 167.8 | 186.1 | 204.5 | 222.8 | 232.0  |
| 105°   | 292.9  | 292.8 | 292.6 | 292.3 | 292.1 | 291.9 | 292.1 | 292.3 | 292.6 | 292.8 | 292.9  |
| 107.5° | 358.8  | 358.4 | 357.5 | 356.6 | 355.7 | 354.8 | 355.7 | 356.6 | 357.5 | 358.4 | 358.8  |
| 110°   | 419.7  | 419.8 | 420.0 | 420.3 | 420.5 | 420.7 | 420.5 | 420.3 | 420.0 | 419.8 | 419.7  |



TEST NUMBER: P1027997

CATALOG NUMBER: S125DIP-B610D1090UB40-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°   | 255°   | 260°   | 265°   | 270°   | 275°   | 280°   | 285°   | 290°   | 292.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 481.6  | 481.4  | 481.0  | 480.5  | 480.1  | 479.7  | 480.1  | 480.5  | 481.0  | 481.4  | 481.6  |
| 115°   | 544.5  | 543.8  | 542.5  | 541.2  | 539.9  | 538.6  | 539.9  | 541.2  | 542.5  | 543.8  | 544.5  |
| 117.5° | 604.5  | 604.3  | 603.8  | 603.4  | 602.9  | 602.5  | 602.9  | 603.4  | 603.8  | 604.3  | 604.5  |
| 120°   | 665.4  | 664.9  | 663.8  | 662.7  | 661.6  | 660.5  | 661.6  | 662.7  | 663.8  | 664.9  | 665.4  |
| 122.5° | 721.5  | 720.8  | 719.5  | 718.2  | 716.9  | 715.6  | 716.9  | 718.2  | 719.5  | 720.8  | 721.5  |
| 125°   | 774.5  | 774.2  | 773.5  | 772.9  | 772.2  | 771.6  | 772.2  | 772.9  | 773.5  | 774.2  | 774.5  |
| 127.5° | 825.6  | 824.7  | 823.0  | 821.3  | 819.5  | 817.8  | 819.5  | 821.3  | 823.0  | 824.7  | 825.6  |
| 130°   | 873.8  | 873.3  | 872.2  | 871.1  | 870.0  | 868.9  | 870.0  | 871.1  | 872.2  | 873.3  | 873.8  |
| 132.5° | 921.0  | 920.5  | 919.4  | 918.3  | 917.2  | 916.1  | 917.2  | 918.3  | 919.4  | 920.5  | 921.0  |
| 135°   | 964.2  | 963.5  | 962.2  | 960.9  | 959.6  | 958.3  | 959.6  | 960.9  | 962.2  | 963.5  | 964.2  |
| 137.5° | 1007.5 | 1007.0 | 1005.9 | 1004.8 | 1003.7 | 1002.6 | 1003.7 | 1004.8 | 1005.9 | 1007.0 | 1007.5 |
| 140°   | 1046.8 | 1046.1 | 1044.8 | 1043.5 | 1042.2 | 1040.9 | 1042.2 | 1043.5 | 1044.8 | 1046.1 | 1046.8 |
| 142.5° | 1083.2 | 1082.5 | 1081.2 | 1079.9 | 1078.6 | 1077.3 | 1078.6 | 1079.9 | 1081.2 | 1082.5 | 1083.2 |
| 145°   | 1118.6 | 1117.9 | 1116.6 | 1115.3 | 1114.0 | 1112.7 | 1114.0 | 1115.3 | 1116.6 | 1117.9 | 1118.6 |
| 147.5° | 1149.0 | 1148.2 | 1146.7 | 1145.2 | 1143.6 | 1142.1 | 1143.6 | 1145.2 | 1146.7 | 1148.2 | 1149.0 |
| 150°   | 1178.5 | 1177.6 | 1175.9 | 1174.1 | 1172.4 | 1170.6 | 1172.4 | 1174.1 | 1175.9 | 1177.6 | 1178.5 |
| 152.5° | 1204.1 | 1203.3 | 1201.8 | 1200.3 | 1198.7 | 1197.2 | 1198.7 | 1200.3 | 1201.8 | 1203.3 | 1204.1 |
| 155°   | 1227.7 | 1226.8 | 1225.1 | 1223.3 | 1221.6 | 1219.8 | 1221.6 | 1223.3 | 1225.1 | 1226.8 | 1227.7 |
| 157.5° | 1247.3 | 1246.4 | 1244.7 | 1243.0 | 1241.2 | 1239.5 | 1241.2 | 1243.0 | 1244.7 | 1246.4 | 1247.3 |
| 160°   | 1266.0 | 1265.1 | 1263.4 | 1261.6 | 1259.9 | 1258.1 | 1259.9 | 1261.6 | 1263.4 | 1265.1 | 1266.0 |
| 162.5° | 1283.7 | 1282.7 | 1280.7 | 1278.8 | 1276.8 | 1274.8 | 1276.8 | 1278.8 | 1280.7 | 1282.7 | 1283.7 |
| 165°   | 1297.4 | 1296.5 | 1294.8 | 1293.1 | 1291.3 | 1289.6 | 1291.3 | 1293.1 | 1294.8 | 1296.5 | 1297.4 |
| 167.5° | 1309.2 | 1308.2 | 1306.3 | 1304.3 | 1302.4 | 1300.4 | 1302.4 | 1304.3 | 1306.3 | 1308.2 | 1309.2 |
| 170°   | 1318.1 | 1317.1 | 1315.1 | 1313.2 | 1311.2 | 1309.2 | 1311.2 | 1313.2 | 1315.1 | 1317.1 | 1318.1 |
| 172.5° | 1324.0 | 1323.0 | 1321.0 | 1319.1 | 1317.1 | 1315.1 | 1317.1 | 1319.1 | 1321.0 | 1323.0 | 1324.0 |
| 175°   | 1328.9 | 1327.9 | 1326.0 | 1324.0 | 1322.1 | 1320.1 | 1322.1 | 1324.0 | 1326.0 | 1327.9 | 1328.9 |
| 177.5° | 1330.9 | 1330.0 | 1328.3 | 1326.5 | 1324.8 | 1323.0 | 1324.8 | 1326.5 | 1328.3 | 1330.0 | 1330.9 |
| 180°   | 1325.9 | 1325.9 | 1325.9 | 1325.9 | 1325.9 | 1325.9 | 1325.9 | 1325.9 | 1325.9 | 1325.9 | 1325.9 |

TEST NUMBER: P1027997

CATALOG NUMBER: S125DIP-B610D1090UB40-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 295°  | 300°  | 305°  | 310°  | 315°  | 320°  | 325°  | 330°  | 335°  | 337.5° | 340°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
| 0°     | 886.3 | 886.3 | 886.3 | 886.3 | 886.3 | 886.3 | 886.3 | 886.3 | 886.3 | 886.3  | 886.3 |
| 2.5°   | 841.9 | 837.4 | 842.7 | 835.9 | 837.4 | 845.7 | 844.9 | 852.4 | 857.0 | 856.2  | 860.0 |
| 5°     | 786.2 | 786.2 | 788.5 | 787.7 | 795.3 | 802.0 | 811.1 | 818.6 | 826.9 | 831.4  | 836.6 |
| 7.5°   | 731.3 | 738.8 | 740.3 | 744.1 | 753.1 | 764.4 | 773.4 | 784.7 | 796.8 | 805.0  | 811.1 |
| 10°    | 686.2 | 692.2 | 698.2 | 701.2 | 711.0 | 726.0 | 738.8 | 756.9 | 771.9 | 781.0  | 789.2 |
| 12.5°  | 646.3 | 653.1 | 656.1 | 669.6 | 676.4 | 686.2 | 704.2 | 723.8 | 740.3 | 750.1  | 756.9 |
| 15°    | 617.7 | 621.5 | 628.2 | 636.5 | 643.3 | 655.3 | 670.4 | 692.2 | 708.0 | 716.3  | 739.6 |
| 17.5°  | 593.6 | 598.1 | 601.9 | 605.7 | 616.2 | 629.0 | 643.3 | 662.1 | 682.4 | 696.7  | 708.7 |
| 20°    | 568.8 | 571.1 | 575.6 | 581.6 | 589.1 | 601.1 | 613.9 | 633.5 | 651.6 | 662.8  | 678.6 |
| 22.5°  | 539.5 | 546.2 | 550.7 | 555.3 | 563.5 | 577.1 | 589.1 | 603.4 | 626.0 | 638.8  | 655.3 |
| 25°    | 522.1 | 525.2 | 528.2 | 533.4 | 539.5 | 551.5 | 565.0 | 580.1 | 598.1 | 611.7  | 626.0 |
| 27.5°  | 499.6 | 504.1 | 507.9 | 514.6 | 518.4 | 528.2 | 541.0 | 556.0 | 577.8 | 589.1  | 601.1 |
| 30°    | 480.8 | 485.3 | 488.3 | 491.3 | 496.6 | 507.1 | 519.1 | 531.2 | 551.5 | 565.8  | 577.8 |
| 32.5°  | 462.0 | 466.5 | 470.2 | 472.5 | 477.8 | 484.5 | 494.3 | 509.4 | 526.7 | 536.4  | 552.2 |
| 35°    | 445.4 | 445.4 | 449.9 | 452.9 | 457.4 | 463.5 | 472.5 | 483.8 | 501.8 | 514.6  | 528.9 |
| 37.5°  | 426.6 | 427.3 | 431.1 | 433.4 | 437.9 | 443.9 | 452.9 | 463.5 | 478.5 | 488.3  | 502.6 |
| 40°    | 407.0 | 409.3 | 410.8 | 414.6 | 419.8 | 422.1 | 431.1 | 443.1 | 458.2 | 467.2  | 479.3 |
| 42.5°  | 387.5 | 389.0 | 392.7 | 395.7 | 400.3 | 404.0 | 410.0 | 421.3 | 432.6 | 446.2  | 455.9 |
| 45°    | 365.7 | 369.4 | 371.7 | 376.9 | 379.2 | 383.0 | 389.0 | 398.0 | 411.5 | 419.8  | 431.1 |
| 47.5°  | 346.8 | 348.3 | 349.9 | 356.6 | 361.1 | 363.4 | 369.4 | 374.7 | 389.0 | 396.5  | 407.0 |
| 50°    | 326.5 | 326.5 | 328.8 | 331.8 | 337.1 | 341.6 | 346.8 | 352.9 | 364.1 | 371.7  | 382.2 |
| 52.5°  | 307.7 | 305.5 | 307.0 | 308.5 | 313.7 | 318.3 | 323.5 | 331.8 | 342.3 | 346.8  | 355.9 |
| 55°    | 287.4 | 283.6 | 285.9 | 288.2 | 289.7 | 295.7 | 301.7 | 307.0 | 315.2 | 322.0  | 330.3 |
| 57.5°  | 265.6 | 264.8 | 263.3 | 264.1 | 267.8 | 271.6 | 276.1 | 282.9 | 292.7 | 297.9  | 302.5 |
| 60°    | 246.0 | 241.5 | 240.0 | 241.5 | 243.8 | 246.0 | 252.0 | 258.1 | 266.3 | 271.6  | 276.9 |
| 62.5°  | 225.7 | 221.2 | 218.2 | 215.9 | 218.2 | 223.5 | 227.2 | 231.7 | 238.5 | 244.5  | 249.0 |
| 65°    | 206.2 | 199.4 | 196.4 | 194.9 | 194.1 | 197.9 | 200.9 | 206.9 | 212.9 | 215.2  | 220.4 |
| 67.5°  | 184.3 | 178.3 | 174.6 | 172.3 | 172.3 | 172.3 | 175.3 | 181.3 | 187.3 | 188.1  | 193.4 |
| 70°    | 162.5 | 155.7 | 152.0 | 149.0 | 147.5 | 149.0 | 152.7 | 153.5 | 158.8 | 160.3  | 163.3 |
| 72.5°  | 139.2 | 133.2 | 128.7 | 124.9 | 125.6 | 127.2 | 127.2 | 128.7 | 131.7 | 135.4  | 135.4 |
| 75°    | 117.4 | 109.1 | 106.8 | 103.8 | 102.3 | 102.3 | 102.3 | 105.3 | 107.6 | 110.6  | 109.8 |
| 77.5°  | 92.5  | 88.0  | 83.5  | 82.0  | 79.8  | 79.0  | 80.5  | 80.5  | 82.0  | 84.3   | 85.0  |
| 80°    | 71.5  | 66.2  | 63.2  | 61.7  | 58.7  | 57.9  | 58.7  | 58.7  | 60.9  | 60.2   | 60.9  |
| 82.5°  | 49.7  | 45.9  | 43.6  | 41.4  | 39.9  | 40.6  | 39.9  | 39.9  | 40.6  | 39.9   | 39.9  |
| 85°    | 28.6  | 27.8  | 26.3  | 25.6  | 24.8  | 23.3  | 24.8  | 24.1  | 23.3  | 22.6   | 24.1  |
| 87.5°  | 13.5  | 12.8  | 12.8  | 11.3  | 11.3  | 10.5  | 11.3  | 11.3  | 10.5  | 10.5   | 10.5  |
| 90°    | 20.1  | 19.0  | 17.9  | 16.8  | 15.7  | 14.2  | 12.6  | 11.1  | 9.6   | 8.8    | 7.9   |
| 92.5°  | 20.1  | 19.0  | 17.9  | 16.8  | 15.7  | 14.4  | 13.1  | 11.8  | 10.5  | 9.8    | 10.8  |
| 95°    | 20.1  | 19.0  | 17.9  | 16.8  | 15.7  | 24.0  | 32.3  | 40.6  | 48.9  | 53.1   | 53.4  |
| 97.5°  | 19.5  | 19.0  | 18.6  | 18.1  | 17.7  | 38.5  | 59.2  | 80.0  | 100.7 | 111.1  | 110.4 |
| 100°   | 40.9  | 73.4  | 105.9 | 138.5 | 171.0 | 170.1 | 169.3 | 168.4 | 167.5 | 167.1  | 166.8 |
| 102.5° | 231.8 | 231.3 | 230.9 | 230.4 | 230.0 | 229.6 | 229.1 | 228.7 | 228.2 | 228.0  | 227.6 |
| 105°   | 292.9 | 292.9 | 292.9 | 292.9 | 292.9 | 292.9 | 292.9 | 292.9 | 292.9 | 292.9  | 292.5 |
| 107.5° | 358.7 | 358.5 | 358.2 | 358.0 | 357.8 | 357.4 | 356.9 | 356.5 | 356.0 | 355.8  | 355.8 |
| 110°   | 420.0 | 420.7 | 421.4 | 422.0 | 422.7 | 422.3 | 421.8 | 421.4 | 420.9 | 420.7  | 420.7 |

TEST NUMBER: P1027997

CATALOG NUMBER: S125DIP-B610D1090UB40-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   | 330°   | 335°   | 337.5° | 340°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 482.0  | 482.9  | 483.8  | 484.7  | 485.6  | 485.4  | 485.2  | 484.9  | 484.7  | 484.6  | 484.3  |
| 115°   | 544.9  | 545.8  | 546.7  | 547.6  | 548.5  | 548.3  | 548.1  | 547.8  | 547.6  | 547.5  | 547.0  |
| 117.5° | 605.2  | 606.5  | 607.8  | 609.1  | 610.4  | 609.5  | 608.7  | 607.8  | 606.9  | 606.5  | 606.5  |
| 120°   | 665.6  | 666.1  | 666.5  | 667.0  | 667.4  | 666.7  | 666.1  | 665.4  | 664.7  | 664.4  | 664.5  |
| 122.5° | 721.7  | 722.1  | 722.6  | 723.0  | 723.4  | 723.2  | 723.0  | 722.7  | 722.5  | 722.4  | 721.9  |
| 125°   | 774.9  | 775.8  | 776.7  | 777.6  | 778.5  | 778.5  | 778.5  | 778.5  | 778.5  | 778.5  | 777.7  |
| 127.5° | 825.8  | 826.3  | 826.7  | 827.2  | 827.6  | 827.8  | 828.0  | 828.3  | 828.5  | 828.6  | 828.1  |
| 130°   | 874.1  | 874.8  | 875.5  | 876.1  | 876.8  | 876.6  | 876.4  | 876.1  | 875.9  | 875.8  | 875.3  |
| 132.5° | 921.0  | 921.0  | 921.0  | 921.0  | 921.0  | 921.6  | 922.3  | 922.9  | 923.6  | 923.9  | 923.2  |
| 135°   | 964.4  | 964.9  | 965.3  | 965.8  | 966.2  | 966.6  | 967.1  | 967.5  | 968.0  | 968.2  | 967.5  |
| 137.5° | 1007.5 | 1007.5 | 1007.5 | 1007.5 | 1007.5 | 1007.9 | 1008.4 | 1008.8 | 1009.3 | 1009.5 | 1008.8 |
| 140°   | 1046.6 | 1046.1 | 1045.7 | 1045.2 | 1044.8 | 1045.0 | 1045.2 | 1045.5 | 1045.7 | 1045.8 | 1045.6 |
| 142.5° | 1083.2 | 1083.2 | 1083.2 | 1083.2 | 1083.2 | 1082.8 | 1082.3 | 1081.9 | 1081.4 | 1081.2 | 1081.1 |
| 145°   | 1118.5 | 1118.3 | 1118.0 | 1117.8 | 1117.6 | 1117.6 | 1117.6 | 1117.6 | 1117.6 | 1117.6 | 1117.4 |
| 147.5° | 1148.9 | 1148.7 | 1148.4 | 1148.2 | 1148.0 | 1147.8 | 1147.6 | 1147.4 | 1147.2 | 1147.1 | 1147.1 |
| 150°   | 1178.3 | 1177.8 | 1177.4 | 1176.9 | 1176.5 | 1176.1 | 1175.7 | 1175.2 | 1174.8 | 1174.6 | 1174.8 |
| 152.5° | 1203.9 | 1203.4 | 1203.0 | 1202.5 | 1202.1 | 1201.7 | 1201.2 | 1200.8 | 1200.3 | 1200.1 | 1200.7 |
| 155°   | 1227.4 | 1226.7 | 1226.0 | 1225.4 | 1224.7 | 1224.3 | 1223.8 | 1223.4 | 1222.9 | 1222.7 | 1223.4 |
| 157.5° | 1247.0 | 1246.3 | 1245.7 | 1245.0 | 1244.4 | 1244.4 | 1244.4 | 1244.4 | 1244.4 | 1244.4 | 1244.7 |
| 160°   | 1265.6 | 1264.7 | 1263.8 | 1263.0 | 1262.1 | 1261.9 | 1261.7 | 1261.4 | 1261.2 | 1261.1 | 1261.8 |
| 162.5° | 1283.0 | 1281.7 | 1280.4 | 1279.1 | 1277.8 | 1277.6 | 1277.4 | 1277.1 | 1276.9 | 1276.8 | 1277.5 |
| 165°   | 1296.7 | 1295.4 | 1294.1 | 1292.8 | 1291.5 | 1291.3 | 1291.1 | 1290.9 | 1290.7 | 1290.6 | 1291.3 |
| 167.5° | 1308.4 | 1306.9 | 1305.4 | 1303.9 | 1302.4 | 1302.2 | 1302.0 | 1301.7 | 1301.5 | 1301.4 | 1302.1 |
| 170°   | 1317.2 | 1315.5 | 1313.7 | 1312.0 | 1310.2 | 1310.0 | 1309.8 | 1309.5 | 1309.3 | 1309.2 | 1310.0 |
| 172.5° | 1323.2 | 1321.7 | 1320.2 | 1318.6 | 1317.1 | 1316.7 | 1316.2 | 1315.8 | 1315.3 | 1315.1 | 1315.9 |
| 175°   | 1328.0 | 1326.3 | 1324.5 | 1322.8 | 1321.0 | 1320.8 | 1320.6 | 1320.4 | 1320.2 | 1320.1 | 1320.7 |
| 177.5° | 1330.1 | 1328.6 | 1327.1 | 1325.5 | 1324.0 | 1323.8 | 1323.6 | 1323.3 | 1323.1 | 1323.0 | 1323.7 |
| 180°   | 1325.9 | 1325.9 | 1325.9 | 1325.9 | 1325.9 | 1325.9 | 1325.9 | 1325.9 | 1325.9 | 1325.9 | 1325.9 |

TEST NUMBER: P1027997

CATALOG NUMBER: S125DIP-B610D1090UB40-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 345°  | 350°  | 355°  | 360°  |
|--------|-------|-------|-------|-------|
| 0°     | 886.3 | 886.3 | 886.3 | 886.3 |
| 2.5°   | 865.2 | 872.8 | 878.0 | 887.8 |
| 5°     | 845.7 | 859.2 | 872.0 | 885.5 |
| 7.5°   | 826.1 | 841.9 | 862.2 | 879.5 |
| 10°    | 804.3 | 824.6 | 848.7 | 872.0 |
| 12.5°  | 782.5 | 806.5 | 832.9 | 863.7 |
| 15°    | 756.1 | 787.0 | 817.8 | 850.9 |
| 17.5°  | 732.8 | 764.4 | 797.5 | 838.9 |
| 20°    | 706.5 | 741.1 | 777.2 | 819.3 |
| 22.5°  | 683.2 | 721.5 | 759.1 | 803.5 |
| 25°    | 656.8 | 694.4 | 735.8 | 783.2 |
| 27.5°  | 635.0 | 669.6 | 710.2 | 761.4 |
| 30°    | 608.7 | 646.3 | 686.9 | 738.1 |
| 32.5°  | 583.8 | 620.0 | 662.8 | 713.3 |
| 35°    | 558.3 | 595.1 | 633.5 | 681.7 |
| 37.5°  | 534.2 | 565.8 | 604.2 | 650.1 |
| 40°    | 507.1 | 541.7 | 576.3 | 612.4 |
| 42.5°  | 482.3 | 513.9 | 546.2 | 574.8 |
| 45°    | 454.4 | 481.5 | 512.4 | 535.7 |
| 47.5°  | 428.9 | 452.9 | 477.0 | 495.1 |
| 50°    | 403.3 | 422.1 | 440.1 | 455.9 |
| 52.5°  | 373.2 | 394.2 | 404.0 | 413.8 |
| 55°    | 346.1 | 358.1 | 367.2 | 376.9 |
| 57.5°  | 319.8 | 325.0 | 329.5 | 338.6 |
| 60°    | 285.1 | 291.2 | 296.4 | 303.2 |
| 62.5°  | 255.1 | 258.1 | 259.6 | 266.3 |
| 65°    | 226.5 | 225.7 | 229.5 | 233.2 |
| 67.5°  | 195.6 | 194.9 | 198.6 | 200.1 |
| 70°    | 165.5 | 164.8 | 165.5 | 169.3 |
| 72.5°  | 136.9 | 136.9 | 137.7 | 139.2 |
| 75°    | 110.6 | 110.6 | 111.4 | 112.9 |
| 77.5°  | 83.5  | 85.0  | 84.3  | 87.3  |
| 80°    | 60.9  | 59.4  | 60.9  | 62.4  |
| 82.5°  | 39.9  | 41.4  | 41.4  | 39.9  |
| 85°    | 22.6  | 22.6  | 22.6  | 22.6  |
| 87.5°  | 9.8   | 9.8   | 10.5  | 11.3  |
| 90°    | 6.2   | 4.5   | 2.7   | 1.0   |
| 92.5°  | 12.8  | 14.7  | 16.7  | 18.7  |
| 95°    | 54.1  | 54.7  | 55.4  | 56.0  |
| 97.5°  | 109.1 | 107.8 | 106.5 | 105.2 |
| 100°   | 166.1 | 165.4 | 164.8 | 164.1 |
| 102.5° | 226.7 | 225.8 | 225.0 | 224.1 |
| 105°   | 291.6 | 290.7 | 289.9 | 289.0 |
| 107.5° | 355.8 | 355.8 | 355.8 | 355.8 |
| 110°   | 420.7 | 420.7 | 420.7 | 420.7 |

TEST NUMBER: P1027997

CATALOG NUMBER: S125DIP-B610D1090UB40-4F0-XX-W2A-A

**CANDELA DISTRIBUTION (continued):**

|        | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|
| 112.5° | 483.6  | 482.9  | 482.3  | 481.6  |
| 115°   | 545.9  | 544.8  | 543.7  | 542.6  |
| 117.5° | 606.5  | 606.5  | 606.5  | 606.5  |
| 120°   | 664.7  | 665.0  | 665.2  | 665.4  |
| 122.5° | 720.8  | 719.7  | 718.6  | 717.5  |
| 125°   | 776.2  | 774.7  | 773.1  | 771.6  |
| 127.5° | 827.0  | 825.9  | 824.8  | 823.7  |
| 130°   | 874.2  | 873.1  | 872.0  | 870.9  |
| 132.5° | 921.9  | 920.6  | 919.3  | 918.0  |
| 135°   | 966.2  | 964.9  | 963.6  | 962.3  |
| 137.5° | 1007.5 | 1006.2 | 1004.9 | 1003.6 |
| 140°   | 1045.2 | 1044.7 | 1044.3 | 1043.9 |
| 142.5° | 1080.9 | 1080.6 | 1080.4 | 1080.2 |
| 145°   | 1116.9 | 1116.5 | 1116.0 | 1115.6 |
| 147.5° | 1147.1 | 1147.1 | 1147.1 | 1147.1 |
| 150°   | 1175.2 | 1175.7 | 1176.1 | 1176.5 |
| 152.5° | 1201.8 | 1202.9 | 1204.0 | 1205.1 |
| 155°   | 1224.7 | 1226.0 | 1227.3 | 1228.6 |
| 157.5° | 1245.4 | 1246.0 | 1246.7 | 1247.3 |
| 160°   | 1263.1 | 1264.4 | 1265.7 | 1267.0 |
| 162.5° | 1278.8 | 1280.1 | 1281.4 | 1282.7 |
| 165°   | 1292.6 | 1293.9 | 1295.2 | 1296.5 |
| 167.5° | 1303.4 | 1304.7 | 1306.0 | 1307.3 |
| 170°   | 1311.5 | 1313.0 | 1314.6 | 1316.1 |
| 172.5° | 1317.4 | 1318.9 | 1320.5 | 1322.0 |
| 175°   | 1322.0 | 1323.3 | 1324.6 | 1325.9 |
| 177.5° | 1325.0 | 1326.3 | 1327.6 | 1328.9 |
| 180°   | 1325.9 | 1325.9 | 1325.9 | 1325.9 |

(END OF REPORT)