

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: P1034843

Luminaire Tested: S125RDIW-B610D1050UB2750-4F0-XX-W2A-A\_5000K

Issue Date: 5/7/2025

**Test Information**

Test Method: LM-79-2019  
Report Number: P1034843  
REPORT IS A COMBINATION OF REPORTS P1006591 AND P1007351  
Test Lab: INNOVATION CENTER  
Issue Date: 5/7/2025  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: NEO-RAY  
Catalog Number: S125RDIW-B610D1050UB2750-4F0-XX-W2A-A\_5000K  
Description: Define 5 Regressed Direct/Indirect Wall Mount with 5000K BioUP LEDs {m-DER=1.015}  
{m-EER=1.115}  
Light Source: -  
Ballast/Driver: -

**Summary**

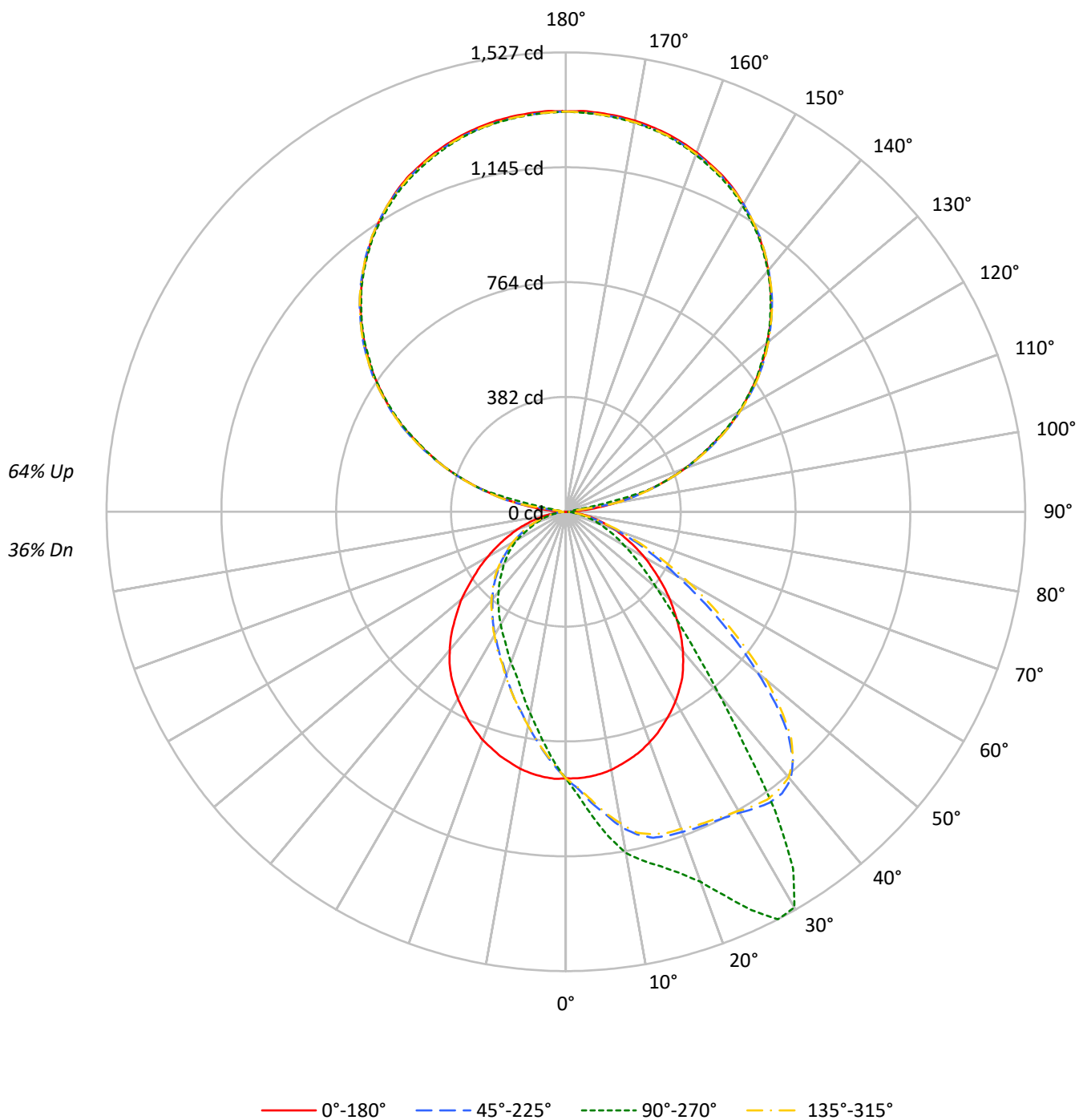
Lumens per Lamp: N/A  
Luminaire Lumens: 6385.0 lumens  
Efficiency: N/A  
Efficacy: 115.0 lumens/watt  
Spacing Criteria (0/90/45): 1.21 / 1.4 / 1.47  
Luminous Opening: Rectangular w/ Sides (W: 0.42' x L: 4' x H: 0.1')  
CIE Type: Semi-Indirect

Input Watts (W): 55.5  
Input Voltage (V):  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT

TEST NUMBER: P1034843

CATALOG NUMBER: S125RDIW-B610D1050UB2750-4F0-XX-W2A-A\_5000K

### Luminous Intensity Polar Plot



TEST NUMBER: P1034843

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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 | 50 | 30 | 10 |
| RCR |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 0   | 104 | 104 | 104 | 104 | 94 | 94 | 94 | 94 | 76 | 76 | 76 | 59 | 59 | 59 | 43 | 43 | 43 |    |    | 36 |
| 1   | 95  | 91  | 87  | 84  | 86 | 82 | 79 | 77 | 67 | 64 | 63 | 52 | 51 | 49 | 39 | 38 | 37 |    |    | 31 |
| 2   | 87  | 80  | 74  | 69  | 78 | 72 | 67 | 63 | 59 | 55 | 52 | 46 | 44 | 42 | 34 | 33 | 32 |    |    | 26 |
| 3   | 79  | 70  | 63  | 58  | 71 | 64 | 58 | 53 | 52 | 48 | 44 | 41 | 38 | 36 | 31 | 29 | 27 |    |    | 23 |
| 4   | 73  | 62  | 55  | 49  | 65 | 57 | 50 | 45 | 46 | 41 | 38 | 37 | 33 | 31 | 28 | 25 | 24 |    |    | 20 |
| 5   | 67  | 55  | 48  | 42  | 60 | 51 | 44 | 39 | 41 | 36 | 33 | 33 | 29 | 27 | 25 | 23 | 21 |    |    | 17 |
| 6   | 61  | 50  | 42  | 36  | 55 | 45 | 39 | 34 | 37 | 32 | 28 | 30 | 26 | 23 | 23 | 20 | 18 |    |    | 15 |
| 7   | 57  | 45  | 37  | 32  | 51 | 41 | 34 | 29 | 34 | 29 | 25 | 27 | 23 | 21 | 21 | 18 | 16 |    |    | 13 |
| 8   | 52  | 41  | 33  | 28  | 47 | 37 | 31 | 26 | 31 | 26 | 22 | 25 | 21 | 18 | 19 | 16 | 15 |    |    | 12 |
| 9   | 49  | 37  | 30  | 25  | 44 | 34 | 28 | 23 | 28 | 23 | 20 | 23 | 19 | 16 | 17 | 15 | 13 |    |    | 11 |
| 10  | 45  | 34  | 27  | 22  | 41 | 31 | 25 | 21 | 26 | 21 | 18 | 21 | 17 | 15 | 16 | 14 | 12 |    |    | 10 |

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

|     | 0°   | 90°  | 180° | 270° |
|-----|------|------|------|------|
| 0°  | 5678 | 5678 | 5678 | 5678 |
| 5°  | 5673 | 6399 | 5673 | 4919 |
| 10° | 5641 | 7192 | 5622 | 4252 |
| 15° | 5580 | 7608 | 5542 | 3702 |
| 20° | 5506 | 8213 | 5457 | 3346 |
| 25° | 5410 | 9296 | 5349 | 3037 |
| 30° | 5311 | 9881 | 5232 | 2816 |
| 35° | 5185 | 8127 | 5112 | 2610 |
| 40° | 4959 | 5518 | 4918 | 2425 |
| 45° | 4663 | 3967 | 4657 | 2242 |
| 50° | 4360 | 3051 | 4381 | 2073 |
| 55° | 4018 | 2481 | 4010 | 1911 |
| 60° | 3699 | 2033 | 3682 | 1697 |
| 65° | 3330 | 1694 | 3350 | 1366 |
| 70° | 3022 | 1360 | 3010 | 1137 |
| 75° | 2554 | 1030 | 2554 | 935  |
| 80° | 2068 | 628  | 2046 | 628  |
| 85° | 1458 | 330  | 1412 | 373  |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 135°

Vertical Angle: 45°

Luminance: 8082 cd/sqm

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 85.0   | 1.3       |
| 10°-20°   | 249.2  | 3.9       |
| 20°-30°   | 395.1  | 6.2       |
| 30°-40°   | 477.4  | 7.5       |
| 40°-50°   | 425.0  | 6.7       |
| 50°-60°   | 325.9  | 5.1       |
| 60°-70°   | 211.7  | 3.3       |
| 70°-80°   | 102.7  | 1.6       |
| 80°-90°   | 26.1   | 0.4       |
| 90°-100°  | 45.2   | 0.7       |
| 100°-110° | 300.3  | 4.7       |
| 110°-120° | 540.7  | 8.5       |
| 120°-130° | 694.1  | 10.9      |
| 130°-140° | 746.5  | 11.7      |
| 140°-150° | 700.6  | 11.0      |
| 150°-160° | 566.7  | 8.9       |
| 160°-170° | 366.5  | 5.7       |
| 170°-180° | 126.4  | 2.0       |
| 0°-30°    | 729.2  | 11.4      |
| 0°-40°    | 1206.5 | 18.9      |
| 0°-60°    | 1957.5 | 30.7      |
| 0°-90°    | 2298.0 | 36.0      |
| 90°-120°  | 886.2  | 13.9      |
| 90°-150°  | 3027.4 | 47.4      |
| 90°-180°  | 4087.0 | 64.0      |
| 0°-180°   | 6385.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°   | 90°  | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0°   | 886  | 886  | 886  | 886  | 886  |      |
| 5°   | 884  | 1016 | 884  | 781  | 884  | 84   |
| 15°  | 847  | 1220 | 841  | 594  | 847  | 239  |
| 25°  | 774  | 1461 | 765  | 477  | 774  | 357  |
| 35°  | 674  | 1212 | 665  | 389  | 674  | 420  |
| 45°  | 528  | 542  | 527  | 306  | 528  | 407  |
| 55°  | 372  | 298  | 372  | 229  | 372  | 334  |
| 65°  | 231  | 169  | 233  | 136  | 231  | 231  |
| 75°  | 113  | 79   | 113  | 71   | 113  | 121  |
| 85°  | 26   | 17   | 25   | 19   | 26   | 29   |
| 90°  | 1    | 24   | 1    | 24   | 1    | 5    |
| 95°  | 56   | 21   | 56   | 21   | 56   | 69   |
| 105° | 290  | 293  | 290  | 293  | 290  | 307  |
| 115° | 544  | 540  | 544  | 540  | 544  | 540  |
| 125° | 774  | 774  | 774  | 774  | 774  | 692  |
| 135° | 966  | 962  | 966  | 962  | 966  | 744  |
| 145° | 1119 | 1116 | 1119 | 1116 | 1119 | 700  |
| 155° | 1233 | 1224 | 1233 | 1224 | 1233 | 568  |
| 165° | 1301 | 1294 | 1301 | 1294 | 1301 | 367  |
| 175° | 1330 | 1325 | 1330 | 1325 | 1330 | 127  |
| 180° | 1330 | 1330 | 1330 | 1330 | 1330 |      |

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**CANDELA DISTRIBUTION (FULL):**

|        | 0°    | 5°    | 10°   | 15°   | 20°   | 22.5°  | 25°    | 30°    | 35°    | 40°    | 45°    |
|--------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|
| 0°     | 886.2 | 886.2 | 886.2 | 886.2 | 886.2 | 886.2  | 886.2  | 886.2  | 886.2  | 886.2  | 886.2  |
| 2.5°   | 886.9 | 894.2 | 896.4 | 902.2 | 908.8 | 910.2  | 913.9  | 919.0  | 921.9  | 921.1  | 921.1  |
| 5°     | 884.0 | 896.4 | 905.1 | 915.3 | 927.7 | 932.8  | 937.1  | 948.1  | 956.8  | 961.9  | 970.6  |
| 7.5°   | 878.9 | 897.1 | 911.7 | 927.0 | 945.9 | 954.6  | 964.1  | 979.3  | 995.4  | 1005.5 | 1015.0 |
| 10°    | 870.9 | 894.2 | 914.6 | 937.1 | 962.6 | 975.7  | 987.4  | 1010.6 | 1030.3 | 1043.4 | 1065.2 |
| 12.5°  | 859.3 | 888.4 | 916.8 | 946.6 | 978.6 | 992.4  | 1008.5 | 1033.9 | 1061.6 | 1080.5 | 1098.7 |
| 15°    | 846.9 | 881.8 | 912.4 | 948.1 | 986.6 | 1007.7 | 1028.1 | 1055.0 | 1079.8 | 1100.9 | 1122.0 |
| 17.5°  | 832.4 | 869.5 | 907.3 | 948.1 | 991.7 | 1012.8 | 1030.3 | 1062.3 | 1088.5 | 1109.6 | 1128.5 |
| 20°    | 814.9 | 856.4 | 899.3 | 944.4 | 988.8 | 1008.5 | 1025.2 | 1060.1 | 1083.4 | 1105.9 | 1132.9 |
| 22.5°  | 796.0 | 841.1 | 886.9 | 931.3 | 975.0 | 996.1  | 1015.7 | 1046.3 | 1071.8 | 1102.3 | 1137.2 |
| 25°    | 774.2 | 823.6 | 870.2 | 914.6 | 956.1 | 975.7  | 993.2  | 1026.6 | 1062.3 | 1100.9 | 1140.1 |
| 27.5°  | 752.3 | 800.4 | 845.5 | 886.2 | 931.3 | 949.5  | 967.0  | 1009.2 | 1051.4 | 1092.1 | 1146.0 |
| 30°    | 728.3 | 777.1 | 816.4 | 854.2 | 897.9 | 916.8  | 938.6  | 986.6  | 1034.6 | 1089.9 | 1155.4 |
| 32.5°  | 701.4 | 745.8 | 782.2 | 821.5 | 860.7 | 884.0  | 911.7  | 964.1  | 1019.4 | 1085.6 | 1169.3 |
| 35°    | 674.5 | 710.1 | 743.6 | 780.7 | 828.0 | 852.7  | 879.7  | 935.0  | 1004.1 | 1083.4 | 1180.9 |
| 37.5°  | 640.3 | 674.5 | 700.7 | 738.5 | 787.3 | 816.4  | 843.3  | 907.3  | 985.9  | 1078.3 | 1180.2 |
| 40°    | 605.4 | 634.5 | 659.2 | 698.5 | 751.6 | 778.5  | 807.6  | 877.5  | 967.0  | 1063.7 | 1162.7 |
| 42.5°  | 567.5 | 592.3 | 619.2 | 657.0 | 708.7 | 734.9  | 768.3  | 849.8  | 940.8  | 1043.4 | 1117.6 |
| 45°    | 527.5 | 551.5 | 574.1 | 613.4 | 665.0 | 693.4  | 729.8  | 813.5  | 908.8  | 1000.4 | 1044.8 |
| 47.5°  | 488.2 | 509.3 | 533.3 | 567.5 | 619.9 | 651.2  | 688.3  | 777.8  | 865.8  | 943.0  | 946.6  |
| 50°    | 450.4 | 467.1 | 487.5 | 522.4 | 577.0 | 606.8  | 645.4  | 729.1  | 814.9  | 868.0  | 832.4  |
| 52.5°  | 411.1 | 426.4 | 447.5 | 478.0 | 529.0 | 563.9  | 597.4  | 681.0  | 753.1  | 788.7  | 723.2  |
| 55°    | 372.5 | 385.6 | 407.5 | 441.7 | 486.0 | 513.0  | 547.2  | 625.0  | 688.3  | 689.0  | 617.7  |
| 57.5°  | 334.7 | 346.3 | 364.5 | 395.1 | 436.6 | 467.8  | 499.1  | 566.8  | 609.7  | 597.4  | 518.1  |
| 60°    | 301.2 | 308.5 | 325.2 | 355.1 | 393.6 | 416.2  | 449.7  | 506.4  | 534.8  | 512.2  | 427.1  |
| 62.5°  | 266.3 | 273.6 | 286.7 | 310.7 | 347.1 | 371.1  | 392.2  | 438.7  | 458.4  | 424.2  | 354.3  |
| 65°    | 231.4 | 240.1 | 249.6 | 268.5 | 302.7 | 318.7  | 337.6  | 371.8  | 390.7  | 350.7  | 290.3  |
| 67.5°  | 200.8 | 205.2 | 214.6 | 234.3 | 258.3 | 272.8  | 285.9  | 309.2  | 312.9  | 280.9  | 231.4  |
| 70°    | 172.4 | 173.9 | 182.6 | 194.3 | 212.5 | 221.2  | 232.1  | 245.9  | 245.9  | 219.7  | 180.4  |
| 72.5°  | 140.4 | 142.6 | 149.2 | 161.5 | 172.4 | 176.8  | 180.4  | 189.2  | 187.7  | 163.7  | 136.8  |
| 75°    | 112.8 | 114.2 | 119.3 | 125.1 | 129.5 | 137.5  | 140.4  | 139.0  | 138.2  | 117.9  | 102.6  |
| 77.5°  | 87.3  | 88.0  | 91.7  | 96.8  | 97.5  | 100.4  | 98.2   | 98.2   | 91.7   | 80.0   | 72.0   |
| 80°    | 64.0  | 64.8  | 66.2  | 67.7  | 67.7  | 67.7   | 67.7   | 64.0   | 59.7   | 52.4   | 50.2   |
| 82.5°  | 42.9  | 42.9  | 43.7  | 45.1  | 44.4  | 42.9   | 41.5   | 37.8   | 34.9   | 32.7   | 31.3   |
| 85°    | 25.5  | 25.5  | 26.2  | 25.5  | 22.6  | 21.8   | 20.4   | 19.6   | 18.9   | 18.2   | 18.2   |
| 87.5°  | 12.4  | 11.6  | 10.2  | 8.7   | 8.7   | 8.7    | 8.7    | 8.7    | 8.7    | 8.0    | 8.0    |
| 90°    | 1.0   | 2.8   | 4.5   | 6.3   | 8.0   | 8.9    | 9.7    | 11.2   | 12.7   | 14.3   | 15.8   |
| 92.5°  | 18.7  | 16.7  | 14.8  | 12.8  | 10.9  | 9.9    | 10.6   | 11.9   | 13.2   | 14.5   | 15.8   |
| 95°    | 56.2  | 55.6  | 54.9  | 54.3  | 53.6  | 53.3   | 49.1   | 40.8   | 32.5   | 24.1   | 15.8   |
| 97.5°  | 105.5 | 106.8 | 108.2 | 109.5 | 110.8 | 111.5  | 101.1  | 80.3   | 59.4   | 38.6   | 17.8   |
| 100°   | 164.7 | 165.4 | 166.0 | 166.7 | 167.4 | 167.7  | 168.1  | 169.0  | 169.9  | 170.7  | 171.6  |
| 102.5° | 224.9 | 225.8 | 226.6 | 227.5 | 228.4 | 228.8  | 229.0  | 229.5  | 229.9  | 230.4  | 230.8  |
| 105°   | 290.0 | 290.9 | 291.7 | 292.6 | 293.5 | 293.9  | 293.9  | 293.9  | 293.9  | 293.9  | 293.9  |
| 107.5° | 357.0 | 357.0 | 357.0 | 357.0 | 357.0 | 357.0  | 357.2  | 357.7  | 358.1  | 358.6  | 359.0  |
| 110°   | 422.1 | 422.1 | 422.1 | 422.1 | 422.1 | 422.1  | 422.3  | 422.8  | 423.2  | 423.7  | 424.1  |

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**CANDELA DISTRIBUTION (continued):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 22.5°  | 25°    | 30°    | 35°    | 40°    | 45°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 483.3  | 483.9  | 484.6  | 485.2  | 485.9  | 486.2  | 486.3  | 486.5  | 486.8  | 487.0  | 487.2  |
| 115°   | 544.4  | 545.5  | 546.6  | 547.7  | 548.8  | 549.4  | 549.5  | 549.7  | 549.9  | 550.1  | 550.3  |
| 117.5° | 608.5  | 608.5  | 608.5  | 608.5  | 608.5  | 608.5  | 608.9  | 609.8  | 610.7  | 611.6  | 612.5  |
| 120°   | 667.7  | 667.5  | 667.3  | 667.0  | 666.8  | 666.7  | 667.0  | 667.7  | 668.4  | 669.0  | 669.7  |
| 122.5° | 720.0  | 721.1  | 722.2  | 723.3  | 724.4  | 724.9  | 725.0  | 725.2  | 725.5  | 725.7  | 725.9  |
| 125°   | 774.2  | 775.7  | 777.3  | 778.8  | 780.3  | 781.1  | 781.1  | 781.1  | 781.1  | 781.1  | 781.1  |
| 127.5° | 826.5  | 827.6  | 828.7  | 829.8  | 830.9  | 831.4  | 831.3  | 831.1  | 830.9  | 830.7  | 830.5  |
| 130°   | 873.9  | 875.0  | 876.1  | 877.2  | 878.3  | 878.8  | 878.9  | 879.1  | 879.4  | 879.6  | 879.8  |
| 132.5° | 921.2  | 922.5  | 923.8  | 925.1  | 926.4  | 927.1  | 926.8  | 926.1  | 925.5  | 924.8  | 924.2  |
| 135°   | 965.6  | 966.9  | 968.2  | 969.5  | 970.8  | 971.5  | 971.3  | 970.8  | 970.4  | 969.9  | 969.5  |
| 137.5° | 1007.0 | 1008.3 | 1009.6 | 1010.9 | 1012.2 | 1012.9 | 1012.7 | 1012.2 | 1011.8 | 1011.3 | 1010.9 |
| 140°   | 1047.4 | 1047.8 | 1048.3 | 1048.7 | 1049.2 | 1049.4 | 1049.3 | 1049.1 | 1048.8 | 1048.6 | 1048.4 |
| 142.5° | 1083.9 | 1084.1 | 1084.3 | 1084.6 | 1084.8 | 1084.9 | 1085.1 | 1085.6 | 1086.0 | 1086.5 | 1086.9 |
| 145°   | 1119.4 | 1119.8 | 1120.3 | 1120.7 | 1121.2 | 1121.4 | 1121.4 | 1121.4 | 1121.4 | 1121.4 | 1121.4 |
| 147.5° | 1151.0 | 1151.0 | 1151.0 | 1151.0 | 1151.0 | 1151.0 | 1151.1 | 1151.3 | 1151.6 | 1151.8 | 1152.0 |
| 150°   | 1180.6 | 1180.2 | 1179.7 | 1179.3 | 1178.8 | 1178.6 | 1178.8 | 1179.3 | 1179.7 | 1180.2 | 1180.6 |
| 152.5° | 1209.2 | 1208.1 | 1207.0 | 1205.9 | 1204.8 | 1204.3 | 1204.5 | 1204.9 | 1205.4 | 1205.8 | 1206.2 |
| 155°   | 1232.9 | 1231.6 | 1230.2 | 1228.9 | 1227.6 | 1226.9 | 1227.1 | 1227.6 | 1228.0 | 1228.5 | 1228.9 |
| 157.5° | 1251.6 | 1250.9 | 1250.3 | 1249.6 | 1248.9 | 1248.6 | 1248.6 | 1248.6 | 1248.6 | 1248.6 | 1248.6 |
| 160°   | 1271.3 | 1270.0 | 1268.7 | 1267.4 | 1266.1 | 1265.4 | 1265.5 | 1265.7 | 1266.0 | 1266.2 | 1266.4 |
| 162.5° | 1287.1 | 1285.8 | 1284.5 | 1283.2 | 1281.9 | 1281.2 | 1281.3 | 1281.5 | 1281.8 | 1282.0 | 1282.2 |
| 165°   | 1300.9 | 1299.6 | 1298.3 | 1297.0 | 1295.7 | 1295.0 | 1295.1 | 1295.3 | 1295.6 | 1295.8 | 1296.0 |
| 167.5° | 1311.8 | 1310.5 | 1309.1 | 1307.8 | 1306.5 | 1305.8 | 1305.9 | 1306.1 | 1306.4 | 1306.6 | 1306.8 |
| 170°   | 1320.6 | 1319.1 | 1317.5 | 1316.0 | 1314.5 | 1313.7 | 1313.8 | 1314.0 | 1314.3 | 1314.5 | 1314.7 |
| 172.5° | 1326.6 | 1325.1 | 1323.5 | 1322.0 | 1320.5 | 1319.7 | 1319.9 | 1320.3 | 1320.8 | 1321.2 | 1321.6 |
| 175°   | 1330.5 | 1329.2 | 1327.9 | 1326.6 | 1325.3 | 1324.6 | 1324.7 | 1324.9 | 1325.2 | 1325.4 | 1325.6 |
| 177.5° | 1333.5 | 1332.2 | 1330.8 | 1329.5 | 1328.2 | 1327.5 | 1327.6 | 1327.8 | 1328.1 | 1328.3 | 1328.5 |
| 180°   | 1330.5 | 1330.5 | 1330.5 | 1330.5 | 1330.5 | 1330.5 | 1330.5 | 1330.5 | 1330.5 | 1330.5 | 1330.5 |

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**CANDELA DISTRIBUTION (continued):**

|        | 50°    | 55°    | 60°    | 65°    | 67.5°  | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 886.2  | 886.2  | 886.2  | 886.2  | 886.2  | 886.2  | 886.2  | 886.2  | 886.2  | 886.2  | 886.2  |
| 2.5°   | 924.8  | 929.9  | 934.2  | 932.1  | 940.8  | 940.1  | 941.5  | 944.4  | 945.2  | 943.7  | 940.8  |
| 5°     | 975.0  | 982.3  | 994.6  | 1001.2 | 999.7  | 1005.5 | 1008.5 | 1012.8 | 1017.2 | 1015.7 | 1015.7 |
| 7.5°   | 1031.0 | 1041.2 | 1053.6 | 1070.3 | 1072.5 | 1077.6 | 1086.3 | 1086.3 | 1091.4 | 1089.2 | 1088.5 |
| 10°    | 1079.8 | 1092.1 | 1111.8 | 1124.9 | 1130.7 | 1133.6 | 1142.3 | 1145.2 | 1151.1 | 1151.8 | 1151.8 |
| 12.5°  | 1119.8 | 1141.6 | 1154.7 | 1167.8 | 1170.7 | 1175.1 | 1181.6 | 1186.0 | 1188.2 | 1188.2 | 1186.0 |
| 15°    | 1140.9 | 1158.3 | 1173.6 | 1187.4 | 1195.4 | 1199.1 | 1205.6 | 1210.7 | 1213.6 | 1220.2 | 1221.6 |
| 17.5°  | 1149.6 | 1170.7 | 1195.4 | 1215.1 | 1228.9 | 1232.6 | 1245.6 | 1250.0 | 1255.8 | 1258.7 | 1262.4 |
| 20°    | 1162.0 | 1192.5 | 1222.4 | 1246.4 | 1259.5 | 1268.9 | 1282.8 | 1303.1 | 1308.9 | 1308.9 | 1306.8 |
| 22.5°  | 1172.9 | 1212.2 | 1252.9 | 1291.5 | 1302.4 | 1321.3 | 1346.8 | 1368.6 | 1377.3 | 1381.0 | 1378.1 |
| 25°    | 1186.0 | 1239.8 | 1292.9 | 1341.0 | 1370.8 | 1384.6 | 1418.8 | 1445.0 | 1455.2 | 1461.0 | 1462.5 |
| 27.5°  | 1208.5 | 1276.2 | 1343.9 | 1405.0 | 1435.6 | 1451.6 | 1487.2 | 1509.8 | 1522.1 | 1527.2 | 1523.6 |
| 30°    | 1234.0 | 1317.0 | 1395.5 | 1450.1 | 1470.5 | 1490.1 | 1513.4 | 1522.1 | 1519.2 | 1519.2 | 1530.1 |
| 32.5°  | 1260.2 | 1346.1 | 1415.9 | 1451.6 | 1458.8 | 1455.9 | 1446.5 | 1420.3 | 1405.0 | 1405.0 | 1414.5 |
| 35°    | 1274.8 | 1349.0 | 1384.6 | 1373.0 | 1344.6 | 1327.9 | 1276.2 | 1247.1 | 1214.4 | 1212.2 | 1223.1 |
| 37.5°  | 1266.7 | 1298.8 | 1284.2 | 1207.8 | 1169.3 | 1137.2 | 1056.5 | 1024.5 | 1000.4 | 967.0  | 1018.6 |
| 40°    | 1210.7 | 1199.8 | 1124.1 | 1014.3 | 971.3  | 926.2  | 862.2  | 830.2  | 796.7  | 791.6  | 804.0  |
| 42.5°  | 1116.1 | 1051.4 | 940.8  | 834.6  | 790.9  | 758.9  | 710.1  | 678.8  | 657.7  | 649.0  | 663.6  |
| 45°    | 998.3  | 896.4  | 785.8  | 701.4  | 653.4  | 636.6  | 592.3  | 564.6  | 548.6  | 542.1  | 552.2  |
| 47.5°  | 854.2  | 751.6  | 646.8  | 575.5  | 547.2  | 530.4  | 500.6  | 476.6  | 462.8  | 458.4  | 462.8  |
| 50°    | 725.4  | 619.9  | 531.9  | 486.0  | 460.6  | 446.7  | 422.0  | 406.7  | 395.8  | 392.9  | 400.2  |
| 52.5°  | 614.1  | 518.1  | 451.1  | 410.4  | 393.6  | 382.0  | 364.5  | 351.4  | 344.9  | 342.0  | 347.1  |
| 55°    | 514.4  | 436.6  | 382.7  | 347.8  | 335.4  | 328.1  | 312.9  | 305.6  | 298.3  | 297.6  | 302.7  |
| 57.5°  | 426.4  | 372.5  | 323.1  | 298.3  | 294.7  | 283.8  | 270.7  | 264.1  | 260.5  | 259.8  | 261.9  |
| 60°    | 355.1  | 307.0  | 277.2  | 255.4  | 250.3  | 241.6  | 234.3  | 229.9  | 225.6  | 224.1  | 225.6  |
| 62.5°  | 295.4  | 257.6  | 233.6  | 219.0  | 211.7  | 209.5  | 201.5  | 196.5  | 195.7  | 195.7  | 197.2  |
| 65°    | 243.7  | 211.7  | 196.5  | 184.8  | 179.7  | 177.5  | 171.7  | 168.1  | 168.8  | 168.8  | 169.5  |
| 67.5°  | 198.6  | 175.4  | 161.5  | 155.7  | 151.3  | 150.6  | 144.8  | 143.3  | 141.9  | 141.9  | 143.3  |
| 70°    | 157.9  | 143.3  | 133.2  | 130.2  | 129.5  | 124.4  | 122.2  | 121.5  | 119.3  | 120.1  | 120.1  |
| 72.5°  | 123.7  | 114.2  | 108.4  | 104.0  | 104.8  | 101.9  | 99.0   | 99.0   | 97.5   | 99.7   | 99.7   |
| 75°    | 91.7   | 87.3   | 82.9   | 81.5   | 82.9   | 81.5   | 79.3   | 78.6   | 79.3   | 78.6   | 78.6   |
| 77.5°  | 67.7   | 65.5   | 64.0   | 63.3   | 63.3   | 60.4   | 58.9   | 60.4   | 57.5   | 58.9   | 58.9   |
| 80°    | 47.3   | 44.4   | 43.7   | 42.2   | 42.9   | 40.7   | 41.5   | 40.0   | 40.0   | 40.0   | 40.0   |
| 82.5°  | 29.8   | 29.1   | 29.1   | 29.1   | 28.4   | 28.4   | 28.4   | 28.4   | 28.4   | 28.4   | 27.6   |
| 85°    | 18.2   | 17.5   | 17.5   | 17.5   | 16.7   | 16.7   | 16.7   | 16.7   | 16.7   | 16.7   | 16.7   |
| 87.5°  | 7.3    | 8.0    | 8.0    | 8.7    | 8.0    | 7.3    | 7.3    | 7.3    | 8.0    | 8.0    | 7.3    |
| 90°    | 16.9   | 18.0   | 19.1   | 20.2   | 20.7   | 21.0   | 21.7   | 22.4   | 23.0   | 23.7   | 23.0   |
| 92.5°  | 16.9   | 18.0   | 19.1   | 20.2   | 20.7   | 20.8   | 21.0   | 21.3   | 21.5   | 21.7   | 21.5   |
| 95°    | 16.9   | 18.0   | 19.1   | 20.2   | 20.7   | 20.7   | 20.7   | 20.7   | 20.7   | 20.7   | 20.7   |
| 97.5°  | 18.2   | 18.6   | 19.1   | 19.5   | 19.7   | 19.8   | 20.0   | 20.3   | 20.5   | 20.7   | 20.5   |
| 100°   | 139.0  | 106.3  | 73.7   | 41.0   | 24.7   | 24.3   | 23.4   | 22.5   | 21.6   | 20.7   | 21.6   |
| 102.5° | 231.2  | 231.7  | 232.1  | 232.6  | 232.8  | 223.6  | 205.2  | 186.7  | 168.3  | 149.9  | 168.3  |
| 105°   | 293.9  | 293.9  | 293.9  | 293.9  | 293.9  | 293.8  | 293.6  | 293.3  | 293.1  | 292.9  | 293.1  |
| 107.5° | 359.2  | 359.4  | 359.7  | 359.9  | 360.0  | 359.6  | 358.7  | 357.8  | 357.0  | 356.1  | 357.0  |
| 110°   | 423.4  | 422.8  | 422.1  | 421.4  | 421.1  | 421.2  | 421.4  | 421.7  | 421.9  | 422.1  | 421.9  |

TEST NUMBER: P1034843

CATALOG NUMBER: S125RDIW-B610D1050UB2750-4F0-XX-W2A-A\_5000K

**CANDELA DISTRIBUTION (continued):**

|        | 50°    | 55°    | 60°    | 65°    | 67.5°  | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 486.3  | 485.5  | 484.6  | 483.7  | 483.3  | 483.1  | 482.6  | 482.2  | 481.7  | 481.3  | 481.7  |
| 115°   | 549.4  | 548.6  | 547.7  | 546.8  | 546.4  | 545.7  | 544.4  | 543.1  | 541.8  | 540.5  | 541.8  |
| 117.5° | 611.2  | 609.9  | 608.6  | 607.3  | 606.6  | 606.4  | 605.9  | 605.5  | 605.0  | 604.6  | 605.0  |
| 120°   | 669.3  | 668.8  | 668.4  | 667.9  | 667.7  | 667.2  | 666.1  | 665.0  | 663.9  | 662.8  | 663.9  |
| 122.5° | 725.5  | 725.0  | 724.6  | 724.1  | 723.9  | 723.2  | 721.9  | 720.6  | 719.3  | 718.0  | 719.3  |
| 125°   | 780.2  | 779.4  | 778.5  | 777.6  | 777.2  | 776.9  | 776.2  | 775.5  | 774.9  | 774.2  | 774.9  |
| 127.5° | 830.1  | 829.6  | 829.2  | 828.7  | 828.5  | 827.6  | 825.9  | 824.1  | 822.4  | 820.6  | 822.4  |
| 130°   | 879.1  | 878.5  | 877.8  | 877.1  | 876.8  | 876.3  | 875.2  | 874.1  | 873.0  | 871.9  | 873.0  |
| 132.5° | 924.2  | 924.2  | 924.2  | 924.2  | 924.2  | 923.6  | 922.5  | 921.4  | 920.3  | 919.2  | 920.3  |
| 135°   | 969.1  | 968.6  | 968.2  | 967.7  | 967.5  | 966.8  | 965.5  | 964.2  | 962.9  | 961.6  | 962.9  |
| 137.5° | 1010.9 | 1010.9 | 1010.9 | 1010.9 | 1010.9 | 1010.4 | 1009.3 | 1008.2 | 1007.1 | 1006.0 | 1007.1 |
| 140°   | 1048.8 | 1049.3 | 1049.7 | 1050.2 | 1050.4 | 1049.7 | 1048.4 | 1047.1 | 1045.8 | 1044.5 | 1045.8 |
| 142.5° | 1086.9 | 1086.9 | 1086.9 | 1086.9 | 1086.9 | 1086.2 | 1084.9 | 1083.6 | 1082.3 | 1081.0 | 1082.3 |
| 145°   | 1121.6 | 1121.8 | 1122.1 | 1122.3 | 1122.4 | 1121.7 | 1120.4 | 1119.1 | 1117.8 | 1116.5 | 1117.8 |
| 147.5° | 1152.2 | 1152.4 | 1152.7 | 1152.9 | 1153.0 | 1152.2 | 1150.7 | 1149.2 | 1147.6 | 1146.1 | 1147.6 |
| 150°   | 1181.0 | 1181.5 | 1181.9 | 1182.4 | 1182.6 | 1181.7 | 1180.0 | 1178.2 | 1176.5 | 1174.7 | 1176.5 |
| 152.5° | 1206.6 | 1207.1 | 1207.5 | 1208.0 | 1208.2 | 1207.4 | 1205.9 | 1204.4 | 1202.8 | 1201.3 | 1202.8 |
| 155°   | 1229.6 | 1230.2 | 1230.9 | 1231.6 | 1231.9 | 1231.0 | 1229.3 | 1227.5 | 1225.8 | 1224.0 | 1225.8 |
| 157.5° | 1249.3 | 1249.9 | 1250.6 | 1251.3 | 1251.6 | 1250.7 | 1249.0 | 1247.2 | 1245.5 | 1243.7 | 1245.5 |
| 160°   | 1267.3 | 1268.1 | 1269.0 | 1269.9 | 1270.3 | 1269.4 | 1267.7 | 1265.9 | 1264.2 | 1262.4 | 1264.2 |
| 162.5° | 1283.5 | 1284.8 | 1286.1 | 1287.4 | 1288.1 | 1287.1 | 1285.1 | 1283.2 | 1281.2 | 1279.2 | 1281.2 |
| 165°   | 1297.3 | 1298.6 | 1299.9 | 1301.2 | 1301.9 | 1301.0 | 1299.3 | 1297.5 | 1295.8 | 1294.0 | 1295.8 |
| 167.5° | 1308.3 | 1309.9 | 1311.4 | 1312.9 | 1313.7 | 1312.7 | 1310.8 | 1308.8 | 1306.9 | 1304.9 | 1306.9 |
| 170°   | 1316.5 | 1318.2 | 1320.0 | 1321.7 | 1322.6 | 1321.6 | 1319.6 | 1317.7 | 1315.7 | 1313.7 | 1315.7 |
| 172.5° | 1323.1 | 1324.7 | 1326.2 | 1327.7 | 1328.5 | 1327.5 | 1325.6 | 1323.6 | 1321.7 | 1319.7 | 1321.7 |
| 175°   | 1327.4 | 1329.1 | 1330.9 | 1332.6 | 1333.5 | 1332.5 | 1330.5 | 1328.6 | 1326.6 | 1324.6 | 1326.6 |
| 177.5° | 1330.0 | 1331.6 | 1333.1 | 1334.6 | 1335.4 | 1334.5 | 1332.8 | 1331.0 | 1329.3 | 1327.5 | 1329.3 |
| 180°   | 1330.5 | 1330.5 | 1330.5 | 1330.5 | 1330.5 | 1330.5 | 1330.5 | 1330.5 | 1330.5 | 1330.5 | 1330.5 |

TEST NUMBER: P1034843

CATALOG NUMBER: S125RDIW-B610D1050UB2750-4FO-XX-W2A-A\_5000K

**CANDELA DISTRIBUTION (continued):**

|        | 100°   | 105°   | 110°   | 112.5° | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 886.2  | 886.2  | 886.2  | 886.2  | 886.2  | 886.2  | 886.2  | 886.2  | 886.2  | 886.2  | 886.2  |
| 2.5°   | 944.4  | 939.3  | 941.5  | 939.3  | 937.1  | 935.0  | 929.9  | 922.6  | 916.8  | 912.4  | 911.7  |
| 5°     | 1017.2 | 1010.6 | 1006.3 | 1004.1 | 999.7  | 993.9  | 984.4  | 973.5  | 960.4  | 955.3  | 945.2  |
| 7.5°   | 1084.1 | 1081.9 | 1071.8 | 1070.3 | 1067.4 | 1056.5 | 1040.5 | 1025.9 | 1009.2 | 995.4  | 982.3  |
| 10°    | 1147.4 | 1142.3 | 1135.1 | 1124.9 | 1123.4 | 1109.6 | 1094.3 | 1073.9 | 1052.1 | 1039.0 | 1015.7 |
| 12.5°  | 1186.7 | 1180.9 | 1172.9 | 1166.3 | 1162.7 | 1154.0 | 1132.9 | 1112.5 | 1092.9 | 1068.8 | 1048.5 |
| 15°    | 1215.1 | 1207.8 | 1193.3 | 1188.2 | 1183.8 | 1172.2 | 1156.9 | 1135.8 | 1109.6 | 1092.9 | 1063.7 |
| 17.5°  | 1253.7 | 1244.9 | 1230.4 | 1220.9 | 1212.9 | 1194.7 | 1172.9 | 1144.5 | 1119.8 | 1100.9 | 1074.7 |
| 20°    | 1298.0 | 1284.9 | 1266.0 | 1253.7 | 1242.0 | 1220.9 | 1190.4 | 1156.9 | 1121.2 | 1097.9 | 1071.0 |
| 22.5°  | 1371.5 | 1346.8 | 1317.0 | 1299.5 | 1283.5 | 1247.1 | 1210.7 | 1169.3 | 1129.2 | 1094.3 | 1061.6 |
| 25°    | 1442.8 | 1418.1 | 1381.0 | 1357.0 | 1332.2 | 1290.0 | 1242.0 | 1184.5 | 1133.6 | 1092.9 | 1049.9 |
| 27.5°  | 1509.0 | 1483.6 | 1449.4 | 1420.3 | 1396.3 | 1333.0 | 1269.7 | 1204.9 | 1140.1 | 1084.1 | 1040.5 |
| 30°    | 1524.3 | 1513.4 | 1487.2 | 1461.7 | 1439.9 | 1381.7 | 1308.2 | 1226.0 | 1148.2 | 1076.1 | 1027.4 |
| 32.5°  | 1431.9 | 1458.8 | 1465.4 | 1461.7 | 1447.9 | 1406.4 | 1338.8 | 1252.2 | 1159.8 | 1072.5 | 1005.5 |
| 35°    | 1239.8 | 1288.6 | 1338.8 | 1365.7 | 1378.8 | 1384.6 | 1344.6 | 1265.3 | 1167.8 | 1066.7 | 991.0  |
| 37.5°  | 1028.1 | 1075.4 | 1154.7 | 1194.7 | 1239.1 | 1297.3 | 1313.3 | 1262.4 | 1164.2 | 1062.3 | 967.7  |
| 40°    | 844.7  | 905.1  | 970.6  | 1007.0 | 1045.6 | 1150.3 | 1229.6 | 1223.8 | 1152.5 | 1046.3 | 949.5  |
| 42.5°  | 687.6  | 725.4  | 782.9  | 822.9  | 870.2  | 987.4  | 1093.6 | 1146.0 | 1117.6 | 1026.6 | 926.2  |
| 45°    | 573.3  | 602.5  | 643.2  | 683.9  | 713.0  | 819.3  | 945.2  | 1031.0 | 1057.9 | 991.7  | 890.6  |
| 47.5°  | 483.1  | 505.0  | 540.6  | 566.1  | 597.4  | 681.0  | 790.2  | 911.0  | 967.7  | 942.2  | 852.7  |
| 50°    | 414.0  | 431.5  | 459.8  | 475.8  | 503.5  | 575.5  | 658.5  | 785.1  | 870.9  | 873.8  | 802.5  |
| 52.5°  | 353.6  | 371.1  | 395.1  | 408.9  | 425.6  | 474.4  | 558.1  | 665.0  | 764.0  | 800.4  | 745.1  |
| 55°    | 307.8  | 318.0  | 337.6  | 348.5  | 363.8  | 411.1  | 464.2  | 555.2  | 658.5  | 718.1  | 683.2  |
| 57.5°  | 265.6  | 276.5  | 288.9  | 297.6  | 308.5  | 346.3  | 394.4  | 462.8  | 565.3  | 630.1  | 618.5  |
| 60°    | 231.4  | 237.9  | 249.6  | 256.1  | 266.3  | 291.0  | 324.5  | 392.9  | 474.4  | 535.5  | 542.1  |
| 62.5°  | 199.4  | 205.2  | 213.2  | 219.0  | 225.6  | 245.2  | 269.9  | 318.7  | 390.0  | 456.2  | 464.9  |
| 65°    | 171.7  | 176.8  | 181.2  | 186.3  | 191.4  | 203.7  | 224.8  | 262.7  | 318.0  | 379.8  | 398.7  |
| 67.5°  | 147.0  | 148.4  | 155.0  | 155.7  | 158.6  | 168.1  | 183.4  | 213.9  | 253.9  | 303.4  | 328.1  |
| 70°    | 123.0  | 125.9  | 127.3  | 129.5  | 132.4  | 139.0  | 151.3  | 167.3  | 197.2  | 237.2  | 260.5  |
| 72.5°  | 99.7   | 100.4  | 102.6  | 104.0  | 107.0  | 112.1  | 117.9  | 130.2  | 149.2  | 178.3  | 199.4  |
| 75°    | 79.3   | 80.0   | 81.5   | 82.2   | 84.4   | 85.9   | 88.8   | 97.5   | 110.6  | 128.1  | 143.3  |
| 77.5°  | 59.7   | 61.1   | 62.6   | 62.6   | 63.3   | 64.8   | 66.2   | 69.1   | 75.7   | 87.3   | 100.4  |
| 80°    | 40.7   | 41.5   | 41.5   | 42.2   | 41.5   | 43.7   | 45.8   | 49.5   | 52.4   | 56.0   | 62.6   |
| 82.5°  | 28.4   | 28.4   | 28.4   | 29.1   | 29.1   | 29.8   | 29.8   | 30.6   | 31.3   | 33.5   | 36.4   |
| 85°    | 17.5   | 17.5   | 18.2   | 16.7   | 17.5   | 18.2   | 18.2   | 17.5   | 18.2   | 18.9   | 19.6   |
| 87.5°  | 7.3    | 7.3    | 8.0    | 8.0    | 8.0    | 8.0    | 7.3    | 8.0    | 7.3    | 8.0    | 8.0    |
| 90°    | 22.4   | 21.7   | 21.0   | 20.7   | 20.2   | 19.1   | 18.0   | 16.9   | 15.8   | 14.3   | 12.7   |
| 92.5°  | 21.3   | 21.0   | 20.8   | 20.7   | 20.2   | 19.1   | 18.0   | 16.9   | 15.8   | 14.5   | 13.2   |
| 95°    | 20.7   | 20.7   | 20.7   | 20.7   | 20.2   | 19.1   | 18.0   | 16.9   | 15.8   | 24.1   | 32.5   |
| 97.5°  | 20.3   | 20.0   | 19.8   | 19.7   | 19.5   | 19.1   | 18.6   | 18.2   | 17.8   | 38.6   | 59.4   |
| 100°   | 22.5   | 23.4   | 24.3   | 24.7   | 41.0   | 73.7   | 106.3  | 139.0  | 171.6  | 170.7  | 169.9  |
| 102.5° | 186.7  | 205.2  | 223.6  | 232.8  | 232.6  | 232.1  | 231.7  | 231.2  | 230.8  | 230.4  | 229.9  |
| 105°   | 293.3  | 293.6  | 293.8  | 293.9  | 293.9  | 293.9  | 293.9  | 293.9  | 293.9  | 293.9  | 293.9  |
| 107.5° | 357.8  | 358.7  | 359.6  | 360.0  | 359.9  | 359.7  | 359.4  | 359.2  | 359.0  | 358.6  | 358.1  |
| 110°   | 421.7  | 421.4  | 421.2  | 421.1  | 421.4  | 422.1  | 422.8  | 423.4  | 424.1  | 423.7  | 423.2  |

TEST NUMBER: P1034843

CATALOG NUMBER: S125RDIW-B610D1050UB2750-4F0-XX-W2A-A\_5000K

**CANDELA DISTRIBUTION (continued):**

|        | 100°   | 105°   | 110°   | 112.5° | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 482.2  | 482.6  | 483.1  | 483.3  | 483.7  | 484.6  | 485.5  | 486.3  | 487.2  | 487.0  | 486.8  |
| 115°   | 543.1  | 544.4  | 545.7  | 546.4  | 546.8  | 547.7  | 548.6  | 549.4  | 550.3  | 550.1  | 549.9  |
| 117.5° | 605.5  | 605.9  | 606.4  | 606.6  | 607.3  | 608.6  | 609.9  | 611.2  | 612.5  | 611.6  | 610.7  |
| 120°   | 665.0  | 666.1  | 667.2  | 667.7  | 667.9  | 668.4  | 668.8  | 669.3  | 669.7  | 669.0  | 668.4  |
| 122.5° | 720.6  | 721.9  | 723.2  | 723.9  | 724.1  | 724.6  | 725.0  | 725.5  | 725.9  | 725.7  | 725.5  |
| 125°   | 775.5  | 776.2  | 776.9  | 777.2  | 777.6  | 778.5  | 779.4  | 780.2  | 781.1  | 781.1  | 781.1  |
| 127.5° | 824.1  | 825.9  | 827.6  | 828.5  | 828.7  | 829.2  | 829.6  | 830.1  | 830.5  | 830.7  | 830.9  |
| 130°   | 874.1  | 875.2  | 876.3  | 876.8  | 877.1  | 877.8  | 878.5  | 879.1  | 879.8  | 879.6  | 879.4  |
| 132.5° | 921.4  | 922.5  | 923.6  | 924.2  | 924.2  | 924.2  | 924.2  | 924.2  | 924.2  | 924.8  | 925.5  |
| 135°   | 964.2  | 965.5  | 966.8  | 967.5  | 967.7  | 968.2  | 968.6  | 969.1  | 969.5  | 969.9  | 970.4  |
| 137.5° | 1008.2 | 1009.3 | 1010.4 | 1010.9 | 1010.9 | 1010.9 | 1010.9 | 1010.9 | 1010.9 | 1011.3 | 1011.8 |
| 140°   | 1047.1 | 1048.4 | 1049.7 | 1050.4 | 1050.2 | 1049.7 | 1049.3 | 1048.8 | 1048.4 | 1048.6 | 1048.8 |
| 142.5° | 1083.6 | 1084.9 | 1086.2 | 1086.9 | 1086.9 | 1086.9 | 1086.9 | 1086.9 | 1086.9 | 1086.5 | 1086.0 |
| 145°   | 1119.1 | 1120.4 | 1121.7 | 1122.4 | 1122.3 | 1122.1 | 1121.8 | 1121.6 | 1121.4 | 1121.4 | 1121.4 |
| 147.5° | 1149.2 | 1150.7 | 1152.2 | 1153.0 | 1152.9 | 1152.7 | 1152.4 | 1152.2 | 1152.0 | 1151.8 | 1151.6 |
| 150°   | 1178.2 | 1180.0 | 1181.7 | 1182.6 | 1182.4 | 1181.9 | 1181.5 | 1181.0 | 1180.6 | 1180.2 | 1179.7 |
| 152.5° | 1204.4 | 1205.9 | 1207.4 | 1208.2 | 1208.0 | 1207.5 | 1207.1 | 1206.6 | 1206.2 | 1205.8 | 1205.4 |
| 155°   | 1227.5 | 1229.3 | 1231.0 | 1231.9 | 1231.6 | 1230.9 | 1230.2 | 1229.6 | 1228.9 | 1228.5 | 1228.0 |
| 157.5° | 1247.2 | 1249.0 | 1250.7 | 1251.6 | 1251.3 | 1250.6 | 1249.9 | 1249.3 | 1248.6 | 1248.6 | 1248.6 |
| 160°   | 1265.9 | 1267.7 | 1269.4 | 1270.3 | 1269.9 | 1269.0 | 1268.1 | 1267.3 | 1266.4 | 1266.2 | 1266.0 |
| 162.5° | 1283.2 | 1285.1 | 1287.1 | 1288.1 | 1287.4 | 1286.1 | 1284.8 | 1283.5 | 1282.2 | 1282.0 | 1281.8 |
| 165°   | 1297.5 | 1299.3 | 1301.0 | 1301.9 | 1301.2 | 1299.9 | 1298.6 | 1297.3 | 1296.0 | 1295.8 | 1295.6 |
| 167.5° | 1308.8 | 1310.8 | 1312.7 | 1313.7 | 1312.9 | 1311.4 | 1309.9 | 1308.3 | 1306.8 | 1306.6 | 1306.4 |
| 170°   | 1317.7 | 1319.6 | 1321.6 | 1322.6 | 1321.7 | 1320.0 | 1318.2 | 1316.5 | 1314.7 | 1314.5 | 1314.3 |
| 172.5° | 1323.6 | 1325.6 | 1327.5 | 1328.5 | 1327.7 | 1326.2 | 1324.7 | 1323.1 | 1321.6 | 1321.2 | 1320.8 |
| 175°   | 1328.6 | 1330.5 | 1332.5 | 1333.5 | 1332.6 | 1330.9 | 1329.1 | 1327.4 | 1325.6 | 1325.4 | 1325.2 |
| 177.5° | 1331.0 | 1332.8 | 1334.5 | 1335.4 | 1334.6 | 1333.1 | 1331.6 | 1330.0 | 1328.5 | 1328.3 | 1328.1 |
| 180°   | 1330.5 | 1330.5 | 1330.5 | 1330.5 | 1330.5 | 1330.5 | 1330.5 | 1330.5 | 1330.5 | 1330.5 | 1330.5 |

TEST NUMBER: P1034843

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**CANDELA DISTRIBUTION (continued):**

|        | 150°   | 155°   | 157.5° | 160°  | 165°  | 170°  | 175°  | 180°  | 185°  | 190°  | 195°  |
|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 886.2  | 886.2  | 886.2  | 886.2 | 886.2 | 886.2 | 886.2 | 886.2 | 886.2 | 886.2 | 886.2 |
| 2.5°   | 909.5  | 905.1  | 902.2  | 901.5 | 897.1 | 893.5 | 889.1 | 888.4 | 886.2 | 880.4 | 876.8 |
| 5°     | 937.9  | 927.7  | 925.5  | 919.0 | 908.0 | 900.0 | 889.9 | 884.0 | 877.5 | 866.6 | 857.8 |
| 7.5°   | 967.0  | 953.2  | 943.0  | 933.5 | 918.2 | 903.7 | 889.1 | 877.5 | 865.8 | 849.8 | 836.7 |
| 10°    | 995.4  | 974.3  | 961.9  | 948.1 | 927.0 | 905.1 | 884.8 | 868.0 | 849.1 | 830.2 | 811.3 |
| 12.5°  | 1021.5 | 994.6  | 976.4  | 956.8 | 930.6 | 903.7 | 877.5 | 854.2 | 834.6 | 809.1 | 788.0 |
| 15°    | 1037.6 | 1007.7 | 989.5  | 970.6 | 931.3 | 901.5 | 870.9 | 841.1 | 814.9 | 788.0 | 768.3 |
| 17.5°  | 1047.0 | 1013.5 | 993.2  | 975.7 | 935.7 | 894.9 | 855.7 | 823.6 | 795.3 | 763.3 | 737.1 |
| 20°    | 1042.6 | 1009.9 | 991.0  | 974.3 | 927.7 | 886.9 | 844.7 | 807.6 | 772.0 | 739.2 | 711.6 |
| 22.5°  | 1033.2 | 999.0  | 977.9  | 962.6 | 921.1 | 873.1 | 826.6 | 786.5 | 749.4 | 716.7 | 685.4 |
| 25°    | 1012.8 | 979.3  | 961.2  | 942.2 | 901.5 | 855.7 | 808.4 | 765.4 | 726.1 | 691.2 | 656.3 |
| 27.5°  | 994.6  | 953.9  | 935.0  | 918.2 | 875.3 | 834.6 | 788.0 | 740.7 | 700.7 | 664.3 | 629.4 |
| 30°    | 973.5  | 927.7  | 907.3  | 884.8 | 846.2 | 807.6 | 761.1 | 717.4 | 675.9 | 637.4 | 603.9 |
| 32.5°  | 951.0  | 897.9  | 874.6  | 849.1 | 809.8 | 773.4 | 734.1 | 691.2 | 649.7 | 611.9 | 577.0 |
| 35°    | 921.9  | 865.1  | 838.2  | 814.2 | 773.4 | 737.1 | 700.7 | 665.0 | 623.6 | 583.5 | 550.1 |
| 37.5°  | 894.2  | 831.6  | 803.3  | 775.6 | 732.7 | 697.8 | 667.9 | 634.5 | 594.4 | 555.9 | 523.9 |
| 40°    | 862.9  | 790.9  | 761.8  | 736.3 | 691.9 | 653.4 | 626.5 | 600.3 | 565.3 | 528.2 | 493.3 |
| 42.5°  | 834.6  | 753.1  | 722.5  | 696.3 | 649.7 | 613.4 | 587.9 | 566.1 | 535.5 | 501.3 | 465.7 |
| 45°    | 795.3  | 712.3  | 681.0  | 653.4 | 606.1 | 571.9 | 545.7 | 526.8 | 502.8 | 470.8 | 438.7 |
| 47.5°  | 758.9  | 673.0  | 638.8  | 605.4 | 562.4 | 527.5 | 503.5 | 488.9 | 472.9 | 444.6 | 411.8 |
| 50°    | 714.5  | 627.9  | 593.0  | 565.3 | 516.6 | 486.8 | 462.8 | 452.6 | 438.0 | 411.1 | 384.9 |
| 52.5°  | 666.5  | 584.3  | 551.5  | 518.1 | 472.9 | 443.8 | 422.7 | 411.1 | 399.5 | 379.8 | 355.1 |
| 55°    | 610.5  | 535.5  | 505.0  | 475.1 | 430.0 | 403.1 | 384.2 | 371.8 | 365.3 | 347.1 | 328.9 |
| 57.5°  | 556.6  | 486.0  | 457.7  | 430.0 | 390.7 | 360.2 | 347.8 | 336.9 | 327.4 | 314.3 | 299.0 |
| 60°    | 502.0  | 438.0  | 407.5  | 382.7 | 348.5 | 320.9 | 310.7 | 299.8 | 292.5 | 282.3 | 271.4 |
| 62.5°  | 439.5  | 384.9  | 361.6  | 338.3 | 309.2 | 287.4 | 275.8 | 267.0 | 257.6 | 251.0 | 241.6 |
| 65°    | 373.3  | 334.7  | 312.1  | 294.7 | 267.0 | 247.4 | 238.7 | 232.8 | 224.8 | 218.3 | 211.0 |
| 67.5°  | 311.4  | 280.9  | 271.4  | 252.5 | 231.4 | 213.9 | 207.4 | 200.1 | 193.5 | 189.9 | 183.4 |
| 70°    | 251.7  | 229.9  | 220.5  | 215.4 | 192.1 | 180.4 | 174.6 | 171.7 | 163.7 | 160.1 | 155.7 |
| 72.5°  | 195.0  | 187.0  | 180.4  | 173.9 | 158.6 | 151.3 | 144.8 | 141.9 | 136.1 | 133.2 | 131.7 |
| 75°    | 144.1  | 139.0  | 135.3  | 134.6 | 128.1 | 120.8 | 114.2 | 112.8 | 108.4 | 105.5 | 104.0 |
| 77.5°  | 101.1  | 99.7   | 99.0   | 99.7  | 95.3  | 90.9  | 89.5  | 88.0  | 82.9  | 82.2  | 82.2  |
| 80°    | 66.2   | 69.8   | 69.8   | 69.1  | 67.7  | 66.9  | 64.8  | 63.3  | 60.4  | 59.7  | 60.4  |
| 82.5°  | 40.7   | 42.9   | 43.7   | 45.1  | 44.4  | 43.7  | 42.2  | 41.5  | 42.2  | 40.7  | 41.5  |
| 85°    | 20.4   | 21.8   | 24.7   | 24.7  | 25.5  | 25.5  | 25.5  | 24.7  | 23.3  | 24.0  | 23.3  |
| 87.5°  | 8.0    | 8.7    | 8.7    | 8.7   | 8.0   | 10.2  | 10.9  | 10.9  | 10.9  | 9.5   | 9.5   |
| 90°    | 11.2   | 9.7    | 8.9    | 8.0   | 6.3   | 4.5   | 2.8   | 1.0   | 2.8   | 4.5   | 6.3   |
| 92.5°  | 11.9   | 10.6   | 9.9    | 10.9  | 12.8  | 14.8  | 16.7  | 18.7  | 16.7  | 14.8  | 12.8  |
| 95°    | 40.8   | 49.1   | 53.3   | 53.6  | 54.3  | 54.9  | 55.6  | 56.2  | 55.6  | 54.9  | 54.3  |
| 97.5°  | 80.3   | 101.1  | 111.5  | 110.8 | 109.5 | 108.2 | 106.8 | 105.5 | 106.8 | 108.2 | 109.5 |
| 100°   | 169.0  | 168.1  | 167.7  | 167.4 | 166.7 | 166.0 | 165.4 | 164.7 | 165.4 | 166.0 | 166.7 |
| 102.5° | 229.5  | 229.0  | 228.8  | 228.4 | 227.5 | 226.6 | 225.8 | 224.9 | 225.8 | 226.6 | 227.5 |
| 105°   | 293.9  | 293.9  | 293.9  | 293.5 | 292.6 | 291.7 | 290.9 | 290.0 | 290.9 | 291.7 | 292.6 |
| 107.5° | 357.7  | 357.2  | 357.0  | 357.0 | 357.0 | 357.0 | 357.0 | 357.0 | 357.0 | 357.0 | 357.0 |
| 110°   | 422.8  | 422.3  | 422.1  | 422.1 | 422.1 | 422.1 | 422.1 | 422.1 | 422.1 | 422.1 | 422.1 |

TEST NUMBER: P1034843

CATALOG NUMBER: S125RDIW-B610D1050UB2750-4F0-XX-W2A-A\_5000K

**CANDELA DISTRIBUTION (continued):**

|        | 150°   | 155°   | 157.5° | 160°   | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 486.5  | 486.3  | 486.2  | 485.9  | 485.2  | 484.6  | 483.9  | 483.3  | 483.9  | 484.6  | 485.2  |
| 115°   | 549.7  | 549.5  | 549.4  | 548.8  | 547.7  | 546.6  | 545.5  | 544.4  | 545.5  | 546.6  | 547.7  |
| 117.5° | 609.8  | 608.9  | 608.5  | 608.5  | 608.5  | 608.5  | 608.5  | 608.5  | 608.5  | 608.5  | 608.5  |
| 120°   | 667.7  | 667.0  | 666.7  | 666.8  | 667.0  | 667.3  | 667.5  | 667.7  | 667.5  | 667.3  | 667.0  |
| 122.5° | 725.2  | 725.0  | 724.9  | 724.4  | 723.3  | 722.2  | 721.1  | 720.0  | 721.1  | 722.2  | 723.3  |
| 125°   | 781.1  | 781.1  | 781.1  | 780.3  | 778.8  | 777.3  | 775.7  | 774.2  | 775.7  | 777.3  | 778.8  |
| 127.5° | 831.1  | 831.3  | 831.4  | 830.9  | 829.8  | 828.7  | 827.6  | 826.5  | 827.6  | 828.7  | 829.8  |
| 130°   | 879.1  | 878.9  | 878.8  | 878.3  | 877.2  | 876.1  | 875.0  | 873.9  | 875.0  | 876.1  | 877.2  |
| 132.5° | 926.1  | 926.8  | 927.1  | 926.4  | 925.1  | 923.8  | 922.5  | 921.2  | 922.5  | 923.8  | 925.1  |
| 135°   | 970.8  | 971.3  | 971.5  | 970.8  | 969.5  | 968.2  | 966.9  | 965.6  | 966.9  | 968.2  | 969.5  |
| 137.5° | 1012.2 | 1012.7 | 1012.9 | 1012.2 | 1010.9 | 1009.6 | 1008.3 | 1007.0 | 1008.3 | 1009.6 | 1010.9 |
| 140°   | 1049.1 | 1049.3 | 1049.4 | 1049.2 | 1048.7 | 1048.3 | 1047.8 | 1047.4 | 1047.8 | 1048.3 | 1048.7 |
| 142.5° | 1085.6 | 1085.1 | 1084.9 | 1084.8 | 1084.6 | 1084.3 | 1084.1 | 1083.9 | 1084.1 | 1084.3 | 1084.6 |
| 145°   | 1121.4 | 1121.4 | 1121.4 | 1121.2 | 1120.7 | 1120.3 | 1119.8 | 1119.4 | 1119.8 | 1120.3 | 1120.7 |
| 147.5° | 1151.3 | 1151.1 | 1151.0 | 1151.0 | 1151.0 | 1151.0 | 1151.0 | 1151.0 | 1151.0 | 1151.0 | 1151.0 |
| 150°   | 1179.3 | 1178.8 | 1178.6 | 1178.8 | 1179.3 | 1179.7 | 1180.2 | 1180.6 | 1180.2 | 1179.7 | 1179.3 |
| 152.5° | 1204.9 | 1204.5 | 1204.3 | 1204.8 | 1205.9 | 1207.0 | 1208.1 | 1209.2 | 1208.1 | 1207.0 | 1205.9 |
| 155°   | 1227.6 | 1227.1 | 1226.9 | 1227.6 | 1228.9 | 1230.2 | 1231.6 | 1232.9 | 1231.6 | 1230.2 | 1228.9 |
| 157.5° | 1248.6 | 1248.6 | 1248.6 | 1248.9 | 1249.6 | 1250.3 | 1250.9 | 1251.6 | 1250.9 | 1250.3 | 1249.6 |
| 160°   | 1265.7 | 1265.5 | 1265.4 | 1266.1 | 1267.4 | 1268.7 | 1270.0 | 1271.3 | 1270.0 | 1268.7 | 1267.4 |
| 162.5° | 1281.5 | 1281.3 | 1281.2 | 1281.9 | 1283.2 | 1284.5 | 1285.8 | 1287.1 | 1285.8 | 1284.5 | 1283.2 |
| 165°   | 1295.3 | 1295.1 | 1295.0 | 1295.7 | 1297.0 | 1298.3 | 1299.6 | 1300.9 | 1299.6 | 1298.3 | 1297.0 |
| 167.5° | 1306.1 | 1305.9 | 1305.8 | 1306.5 | 1307.8 | 1309.1 | 1310.5 | 1311.8 | 1310.5 | 1309.1 | 1307.8 |
| 170°   | 1314.0 | 1313.8 | 1313.7 | 1314.5 | 1316.0 | 1317.5 | 1319.1 | 1320.6 | 1319.1 | 1317.5 | 1316.0 |
| 172.5° | 1320.3 | 1319.9 | 1319.7 | 1320.5 | 1322.0 | 1323.5 | 1325.1 | 1326.6 | 1325.1 | 1323.5 | 1322.0 |
| 175°   | 1324.9 | 1324.7 | 1324.6 | 1325.3 | 1326.6 | 1327.9 | 1329.2 | 1330.5 | 1329.2 | 1327.9 | 1326.6 |
| 177.5° | 1327.8 | 1327.6 | 1327.5 | 1328.2 | 1329.5 | 1330.8 | 1332.2 | 1333.5 | 1332.2 | 1330.8 | 1329.5 |
| 180°   | 1330.5 | 1330.5 | 1330.5 | 1330.5 | 1330.5 | 1330.5 | 1330.5 | 1330.5 | 1330.5 | 1330.5 | 1330.5 |

TEST NUMBER: P1034843

CATALOG NUMBER: S125RDIW-B610D1050UB2750-4FO-XX-W2A-A\_5000K

**CANDELA DISTRIBUTION (continued):**

|        | 200°  | 202.5° | 205°  | 210°  | 215°  | 220°  | 225°  | 230°  | 235°  | 240°  | 245°  |
|--------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 886.2 | 886.2  | 886.2 | 886.2 | 886.2 | 886.2 | 886.2 | 886.2 | 886.2 | 886.2 | 886.2 |
| 2.5°   | 874.6 | 871.7  | 869.5 | 867.3 | 857.8 | 847.7 | 846.2 | 844.0 | 839.6 | 844.7 | 842.6 |
| 5°     | 852.0 | 845.5  | 841.8 | 832.4 | 820.7 | 812.0 | 804.7 | 796.0 | 792.4 | 789.4 | 788.7 |
| 7.5°   | 824.4 | 818.5  | 812.0 | 802.5 | 788.0 | 773.4 | 762.5 | 753.8 | 746.5 | 742.9 | 742.9 |
| 10°    | 797.4 | 790.2  | 781.4 | 765.4 | 751.6 | 733.4 | 721.8 | 713.0 | 702.9 | 697.0 | 691.9 |
| 12.5°  | 769.8 | 761.8  | 753.8 | 733.4 | 717.4 | 698.5 | 681.8 | 670.8 | 665.8 | 659.2 | 650.5 |
| 15°    | 742.2 | 729.8  | 721.8 | 701.4 | 681.0 | 662.1 | 651.2 | 639.6 | 627.9 | 621.4 | 618.5 |
| 17.5°  | 713.0 | 704.3  | 691.2 | 669.4 | 646.8 | 630.1 | 614.1 | 603.2 | 589.4 | 582.8 | 576.3 |
| 20°    | 686.9 | 673.8  | 660.7 | 638.8 | 617.0 | 594.4 | 578.4 | 565.3 | 556.6 | 551.5 | 545.7 |
| 22.5°  | 655.6 | 643.2  | 632.3 | 609.0 | 585.0 | 563.9 | 546.4 | 538.4 | 529.7 | 521.7 | 515.9 |
| 25°    | 628.6 | 616.3  | 605.4 | 579.9 | 553.7 | 534.1 | 521.0 | 510.8 | 501.3 | 497.7 | 491.9 |
| 27.5°  | 600.3 | 588.6  | 574.1 | 548.6 | 525.3 | 508.6 | 494.8 | 485.3 | 478.0 | 470.8 | 466.4 |
| 30°    | 573.3 | 560.3  | 547.2 | 519.5 | 500.6 | 483.9 | 470.8 | 459.1 | 453.3 | 449.7 | 442.4 |
| 32.5°  | 547.2 | 530.4  | 519.5 | 494.0 | 475.8 | 459.8 | 448.9 | 438.7 | 431.5 | 424.9 | 419.1 |
| 35°    | 518.8 | 500.6  | 489.7 | 468.6 | 449.7 | 433.6 | 424.2 | 416.9 | 408.2 | 402.4 | 399.5 |
| 37.5°  | 491.9 | 476.6  | 465.7 | 443.8 | 424.9 | 411.8 | 401.6 | 392.2 | 388.5 | 380.5 | 379.1 |
| 40°    | 462.8 | 449.7  | 439.5 | 418.4 | 400.9 | 390.7 | 379.8 | 371.1 | 364.5 | 360.9 | 355.8 |
| 42.5°  | 436.6 | 425.6  | 414.7 | 395.1 | 378.4 | 366.0 | 358.0 | 350.0 | 344.2 | 338.3 | 334.7 |
| 45°    | 412.5 | 400.9  | 390.7 | 371.8 | 355.1 | 344.2 | 336.2 | 326.7 | 325.2 | 317.2 | 313.6 |
| 47.5°  | 387.1 | 376.9  | 368.2 | 348.5 | 333.2 | 322.3 | 312.9 | 306.3 | 299.8 | 296.9 | 291.8 |
| 50°    | 362.3 | 352.2  | 342.0 | 324.5 | 310.7 | 299.8 | 290.3 | 283.0 | 279.4 | 275.0 | 270.7 |
| 52.5°  | 335.4 | 327.4  | 319.4 | 301.2 | 287.4 | 277.9 | 269.9 | 260.5 | 256.8 | 253.2 | 250.3 |
| 55°    | 312.9 | 301.2  | 292.5 | 277.2 | 264.8 | 254.7 | 245.9 | 238.7 | 235.0 | 232.1 | 228.5 |
| 57.5°  | 282.3 | 275.0  | 267.8 | 253.9 | 242.3 | 232.1 | 223.4 | 217.6 | 213.2 | 211.0 | 211.7 |
| 60°    | 256.1 | 248.1  | 243.7 | 229.2 | 217.6 | 209.5 | 201.5 | 195.7 | 191.4 | 189.2 | 188.4 |
| 62.5°  | 228.5 | 222.6  | 214.6 | 204.5 | 192.8 | 185.5 | 179.7 | 175.4 | 168.1 | 167.3 | 165.2 |
| 65°    | 201.5 | 197.2  | 189.9 | 180.4 | 171.0 | 164.4 | 157.9 | 152.1 | 149.2 | 145.5 | 143.3 |
| 67.5°  | 175.4 | 171.0  | 164.4 | 156.4 | 149.9 | 143.3 | 137.5 | 131.7 | 126.6 | 123.7 | 122.2 |
| 70°    | 149.9 | 146.2  | 141.9 | 132.4 | 124.4 | 119.3 | 115.0 | 111.3 | 106.2 | 104.8 | 104.0 |
| 72.5°  | 125.1 | 121.5  | 119.3 | 111.3 | 104.0 | 99.7  | 95.3  | 91.7  | 89.5  | 88.8  | 86.6  |
| 75°    | 102.6 | 99.0   | 96.0  | 88.8  | 84.4  | 81.5  | 77.1  | 75.7  | 73.5  | 72.8  | 72.0  |
| 77.5°  | 80.0  | 76.4   | 75.7  | 70.6  | 65.5  | 64.0  | 62.6  | 59.7  | 59.7  | 59.7  | 58.2  |
| 80°    | 57.5  | 56.8   | 56.0  | 50.9  | 48.7  | 47.3  | 46.6  | 44.4  | 42.9  | 41.5  | 40.7  |
| 82.5°  | 38.6  | 37.8   | 37.1  | 34.9  | 32.7  | 32.0  | 31.3  | 29.8  | 29.8  | 30.6  | 29.1  |
| 85°    | 23.3  | 21.8   | 21.1  | 20.4  | 18.9  | 18.9  | 19.6  | 18.9  | 18.9  | 18.9  | 18.2  |
| 87.5°  | 8.7   | 8.7    | 8.7   | 8.7   | 9.5   | 8.0   | 8.7   | 8.7   | 8.0   | 8.0   | 7.3   |
| 90°    | 8.0   | 8.9    | 9.7   | 11.2  | 12.7  | 14.3  | 15.8  | 16.9  | 18.0  | 19.1  | 20.2  |
| 92.5°  | 10.9  | 9.9    | 10.6  | 11.9  | 13.2  | 14.5  | 15.8  | 16.9  | 18.0  | 19.1  | 20.2  |
| 95°    | 53.6  | 53.3   | 49.1  | 40.8  | 32.5  | 24.1  | 15.8  | 16.9  | 18.0  | 19.1  | 20.2  |
| 97.5°  | 110.8 | 111.5  | 101.1 | 80.3  | 59.4  | 38.6  | 17.8  | 18.2  | 18.6  | 19.1  | 19.5  |
| 100°   | 167.4 | 167.7  | 168.1 | 169.0 | 169.9 | 170.7 | 171.6 | 139.0 | 106.3 | 73.7  | 41.0  |
| 102.5° | 228.4 | 228.8  | 229.0 | 229.5 | 229.9 | 230.4 | 230.8 | 231.2 | 231.7 | 232.1 | 232.6 |
| 105°   | 293.5 | 293.9  | 293.9 | 293.9 | 293.9 | 293.9 | 293.9 | 293.9 | 293.9 | 293.9 | 293.9 |
| 107.5° | 357.0 | 357.0  | 357.2 | 357.7 | 358.1 | 358.6 | 359.0 | 359.2 | 359.4 | 359.7 | 359.9 |
| 110°   | 422.1 | 422.1  | 422.3 | 422.8 | 423.2 | 423.7 | 424.1 | 423.4 | 422.8 | 422.1 | 421.4 |

TEST NUMBER: P1034843

CATALOG NUMBER: S125RDIW-B610D1050UB2750-4F0-XX-W2A-A\_5000K

**CANDELA DISTRIBUTION (continued):**

|        | 200°   | 202.5° | 205°   | 210°   | 215°   | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 485.9  | 486.2  | 486.3  | 486.5  | 486.8  | 487.0  | 487.2  | 486.3  | 485.5  | 484.6  | 483.7  |
| 115°   | 548.8  | 549.4  | 549.5  | 549.7  | 549.9  | 550.1  | 550.3  | 549.4  | 548.6  | 547.7  | 546.8  |
| 117.5° | 608.5  | 608.5  | 608.9  | 609.8  | 610.7  | 611.6  | 612.5  | 611.2  | 609.9  | 608.6  | 607.3  |
| 120°   | 666.8  | 666.7  | 667.0  | 667.7  | 668.4  | 669.0  | 669.7  | 669.3  | 668.8  | 668.4  | 667.9  |
| 122.5° | 724.4  | 724.9  | 725.0  | 725.2  | 725.5  | 725.7  | 725.9  | 725.5  | 725.0  | 724.6  | 724.1  |
| 125°   | 780.3  | 781.1  | 781.1  | 781.1  | 781.1  | 781.1  | 781.1  | 780.2  | 779.4  | 778.5  | 777.6  |
| 127.5° | 830.9  | 831.4  | 831.3  | 831.1  | 830.9  | 830.7  | 830.5  | 830.1  | 829.6  | 829.2  | 828.7  |
| 130°   | 878.3  | 878.8  | 878.9  | 879.1  | 879.4  | 879.6  | 879.8  | 879.1  | 878.5  | 877.8  | 877.1  |
| 132.5° | 926.4  | 927.1  | 926.8  | 926.1  | 925.5  | 924.8  | 924.2  | 924.2  | 924.2  | 924.2  | 924.2  |
| 135°   | 970.8  | 971.5  | 971.3  | 970.8  | 970.4  | 969.9  | 969.5  | 969.1  | 968.6  | 968.2  | 967.7  |
| 137.5° | 1012.2 | 1012.9 | 1012.7 | 1012.2 | 1011.8 | 1011.3 | 1010.9 | 1010.9 | 1010.9 | 1010.9 | 1010.9 |
| 140°   | 1049.2 | 1049.4 | 1049.3 | 1049.1 | 1048.8 | 1048.6 | 1048.4 | 1048.8 | 1049.3 | 1049.7 | 1050.2 |
| 142.5° | 1084.8 | 1084.9 | 1085.1 | 1085.6 | 1086.0 | 1086.5 | 1086.9 | 1086.9 | 1086.9 | 1086.9 | 1086.9 |
| 145°   | 1121.2 | 1121.4 | 1121.4 | 1121.4 | 1121.4 | 1121.4 | 1121.4 | 1121.6 | 1121.8 | 1122.1 | 1122.3 |
| 147.5° | 1151.0 | 1151.0 | 1151.1 | 1151.3 | 1151.6 | 1151.8 | 1152.0 | 1152.2 | 1152.4 | 1152.7 | 1152.9 |
| 150°   | 1178.8 | 1178.6 | 1178.8 | 1179.3 | 1179.7 | 1180.2 | 1180.6 | 1181.0 | 1181.5 | 1181.9 | 1182.4 |
| 152.5° | 1204.8 | 1204.3 | 1204.5 | 1204.9 | 1205.4 | 1205.8 | 1206.2 | 1206.6 | 1207.1 | 1207.5 | 1208.0 |
| 155°   | 1227.6 | 1226.9 | 1227.1 | 1227.6 | 1228.0 | 1228.5 | 1228.9 | 1229.6 | 1230.2 | 1230.9 | 1231.6 |
| 157.5° | 1248.9 | 1248.6 | 1248.6 | 1248.6 | 1248.6 | 1248.6 | 1248.6 | 1249.3 | 1249.9 | 1250.6 | 1251.3 |
| 160°   | 1266.1 | 1265.4 | 1265.5 | 1265.7 | 1266.0 | 1266.2 | 1266.4 | 1267.3 | 1268.1 | 1269.0 | 1269.9 |
| 162.5° | 1281.9 | 1281.2 | 1281.3 | 1281.5 | 1281.8 | 1282.0 | 1282.2 | 1283.5 | 1284.8 | 1286.1 | 1287.4 |
| 165°   | 1295.7 | 1295.0 | 1295.1 | 1295.3 | 1295.6 | 1295.8 | 1296.0 | 1297.3 | 1298.6 | 1299.9 | 1301.2 |
| 167.5° | 1306.5 | 1305.8 | 1305.9 | 1306.1 | 1306.4 | 1306.6 | 1306.8 | 1308.3 | 1309.9 | 1311.4 | 1312.9 |
| 170°   | 1314.5 | 1313.7 | 1313.8 | 1314.0 | 1314.3 | 1314.5 | 1314.7 | 1316.5 | 1318.2 | 1320.0 | 1321.7 |
| 172.5° | 1320.5 | 1319.7 | 1319.9 | 1320.3 | 1320.8 | 1321.2 | 1321.6 | 1323.1 | 1324.7 | 1326.2 | 1327.7 |
| 175°   | 1325.3 | 1324.6 | 1324.7 | 1324.9 | 1325.2 | 1325.4 | 1325.6 | 1327.4 | 1329.1 | 1330.9 | 1332.6 |
| 177.5° | 1328.2 | 1327.5 | 1327.6 | 1327.8 | 1328.1 | 1328.3 | 1328.5 | 1330.0 | 1331.6 | 1333.1 | 1334.6 |
| 180°   | 1330.5 | 1330.5 | 1330.5 | 1330.5 | 1330.5 | 1330.5 | 1330.5 | 1330.5 | 1330.5 | 1330.5 | 1330.5 |

TEST NUMBER: P1034843

CATALOG NUMBER: S125RDIW-B610D1050UB2750-4F0-XX-W2A-A\_5000K

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°  | 255°  | 260°  | 265°  | 270°  | 275°  | 280°  | 285°  | 290°  | 292.5° |
|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 0°     | 886.2  | 886.2 | 886.2 | 886.2 | 886.2 | 886.2 | 886.2 | 886.2 | 886.2 | 886.2 | 886.2  |
| 2.5°   | 838.9  | 840.4 | 836.7 | 835.3 | 832.4 | 836.0 | 836.7 | 836.0 | 842.6 | 839.6 | 841.1  |
| 5°     | 790.2  | 787.3 | 785.1 | 780.0 | 780.0 | 780.7 | 782.9 | 779.3 | 781.4 | 786.5 | 785.8  |
| 7.5°   | 736.3  | 734.9 | 735.6 | 729.8 | 725.4 | 726.9 | 725.4 | 732.0 | 735.6 | 734.1 | 737.1  |
| 10°    | 687.6  | 690.5 | 683.9 | 681.0 | 678.1 | 681.0 | 680.3 | 681.8 | 686.1 | 689.0 | 694.1  |
| 12.5°  | 648.3  | 647.6 | 643.9 | 641.0 | 635.9 | 637.4 | 641.7 | 640.3 | 641.0 | 647.6 | 646.8  |
| 15°    | 611.2  | 606.8 | 603.9 | 597.4 | 598.8 | 593.7 | 598.1 | 603.2 | 605.4 | 611.2 | 614.8  |
| 17.5°  | 574.1  | 573.3 | 569.7 | 569.0 | 561.0 | 558.8 | 563.2 | 564.6 | 566.8 | 569.7 | 574.8  |
| 20°    | 542.8  | 542.1 | 537.0 | 535.5 | 529.0 | 533.3 | 531.9 | 534.8 | 536.2 | 542.1 | 544.2  |
| 22.5°  | 514.4  | 510.8 | 509.3 | 507.1 | 505.0 | 504.2 | 507.1 | 506.4 | 511.5 | 513.7 | 514.4  |
| 25°    | 488.2  | 485.3 | 484.6 | 480.9 | 479.5 | 477.3 | 479.5 | 481.7 | 487.5 | 489.7 | 492.6  |
| 27.5°  | 464.2  | 462.0 | 460.6 | 457.7 | 455.5 | 455.5 | 456.9 | 459.8 | 462.0 | 463.5 | 464.9  |
| 30°    | 442.4  | 440.9 | 436.6 | 435.1 | 432.9 | 432.9 | 432.9 | 434.4 | 438.0 | 442.4 | 444.6  |
| 32.5°  | 419.8  | 416.9 | 414.0 | 414.0 | 411.8 | 411.8 | 412.5 | 414.0 | 417.6 | 418.4 | 422.0  |
| 35°    | 398.0  | 395.1 | 392.9 | 391.4 | 392.2 | 389.3 | 390.7 | 392.9 | 397.3 | 398.7 | 400.9  |
| 37.5°  | 376.9  | 376.2 | 371.8 | 369.6 | 371.1 | 371.1 | 370.3 | 371.8 | 374.7 | 377.6 | 379.1  |
| 40°    | 353.6  | 352.2 | 352.2 | 350.0 | 350.7 | 347.8 | 350.0 | 351.4 | 352.9 | 355.8 | 358.0  |
| 42.5°  | 333.2  | 331.8 | 328.9 | 329.6 | 327.4 | 327.4 | 328.9 | 329.6 | 331.8 | 335.4 | 336.9  |
| 45°    | 311.4  | 311.4 | 310.0 | 307.8 | 308.5 | 306.3 | 307.8 | 308.5 | 311.4 | 315.1 | 313.6  |
| 47.5°  | 290.3  | 289.6 | 289.6 | 286.7 | 288.1 | 285.9 | 288.1 | 288.9 | 290.3 | 292.5 | 291.8  |
| 50°    | 269.9  | 267.8 | 268.5 | 267.8 | 267.0 | 267.0 | 268.5 | 268.5 | 269.9 | 269.9 | 272.1  |
| 52.5°  | 248.8  | 248.8 | 247.4 | 248.1 | 249.6 | 248.1 | 250.3 | 248.1 | 249.6 | 250.3 | 251.7  |
| 55°    | 229.9  | 228.5 | 229.2 | 228.5 | 231.4 | 229.2 | 231.4 | 229.9 | 231.4 | 230.6 | 232.1  |
| 57.5°  | 209.5  | 207.4 | 208.1 | 207.4 | 209.5 | 208.8 | 211.0 | 208.8 | 209.5 | 210.3 | 212.5  |
| 60°    | 186.3  | 186.3 | 186.3 | 184.8 | 187.0 | 187.0 | 186.3 | 186.3 | 189.2 | 190.6 | 189.9  |
| 62.5°  | 164.4  | 163.7 | 161.5 | 160.8 | 161.5 | 160.1 | 163.0 | 162.3 | 163.7 | 165.2 | 166.6  |
| 65°    | 140.4  | 139.0 | 138.2 | 136.8 | 136.8 | 136.1 | 136.8 | 139.7 | 140.4 | 141.2 | 144.8  |
| 67.5°  | 120.8  | 120.1 | 119.3 | 117.1 | 117.1 | 118.6 | 118.6 | 118.6 | 123.0 | 120.8 | 123.7  |
| 70°    | 103.3  | 101.9 | 100.4 | 99.7  | 99.7  | 100.4 | 101.1 | 101.9 | 101.1 | 104.0 | 104.8  |
| 72.5°  | 86.6   | 87.3  | 85.9  | 85.9  | 85.9  | 85.1  | 85.1  | 86.6  | 87.3  | 86.6  | 87.3   |
| 75°    | 72.0   | 72.0  | 71.3  | 72.0  | 72.0  | 71.3  | 71.3  | 72.8  | 72.8  | 72.0  | 74.2   |
| 77.5°  | 58.2   | 57.5  | 56.0  | 54.6  | 55.3  | 54.6  | 55.3  | 54.6  | 56.8  | 58.9  | 57.5   |
| 80°    | 40.7   | 40.0  | 40.0  | 40.0  | 40.7  | 40.0  | 41.5  | 40.0  | 40.7  | 40.7  | 41.5   |
| 82.5°  | 29.1   | 29.8  | 29.8  | 29.1  | 29.8  | 29.1  | 29.8  | 29.8  | 29.8  | 29.1  | 29.8   |
| 85°    | 18.9   | 18.9  | 18.9  | 18.9  | 18.2  | 18.9  | 18.9  | 18.9  | 19.6  | 18.9  | 19.6   |
| 87.5°  | 8.0    | 8.0   | 8.0   | 8.0   | 8.0   | 8.0   | 8.0   | 8.0   | 8.7   | 8.0   | 8.7    |
| 90°    | 20.7   | 21.0  | 21.7  | 22.4  | 23.0  | 23.7  | 23.0  | 22.4  | 21.7  | 21.0  | 20.7   |
| 92.5°  | 20.7   | 20.8  | 21.0  | 21.3  | 21.5  | 21.7  | 21.5  | 21.3  | 21.0  | 20.8  | 20.7   |
| 95°    | 20.7   | 20.7  | 20.7  | 20.7  | 20.7  | 20.7  | 20.7  | 20.7  | 20.7  | 20.7  | 20.7   |
| 97.5°  | 19.7   | 19.8  | 20.0  | 20.3  | 20.5  | 20.7  | 20.5  | 20.3  | 20.0  | 19.8  | 19.7   |
| 100°   | 24.7   | 24.3  | 23.4  | 22.5  | 21.6  | 20.7  | 21.6  | 22.5  | 23.4  | 24.3  | 24.7   |
| 102.5° | 232.8  | 223.6 | 205.2 | 186.7 | 168.3 | 149.9 | 168.3 | 186.7 | 205.2 | 223.6 | 232.8  |
| 105°   | 293.9  | 293.8 | 293.6 | 293.3 | 293.1 | 292.9 | 293.1 | 293.3 | 293.6 | 293.8 | 293.9  |
| 107.5° | 360.0  | 359.6 | 358.7 | 357.8 | 357.0 | 356.1 | 357.0 | 357.8 | 358.7 | 359.6 | 360.0  |
| 110°   | 421.1  | 421.2 | 421.4 | 421.7 | 421.9 | 422.1 | 421.9 | 421.7 | 421.4 | 421.2 | 421.1  |

TEST NUMBER: P1034843

CATALOG NUMBER: S125RDIW-B610D1050UB2750-4F0-XX-W2A-A\_5000K

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250°   | 255°   | 260°   | 265°   | 270°   | 275°   | 280°   | 285°   | 290°   | 292.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 483.3  | 483.1  | 482.6  | 482.2  | 481.7  | 481.3  | 481.7  | 482.2  | 482.6  | 483.1  | 483.3  |
| 115°   | 546.4  | 545.7  | 544.4  | 543.1  | 541.8  | 540.5  | 541.8  | 543.1  | 544.4  | 545.7  | 546.4  |
| 117.5° | 606.6  | 606.4  | 605.9  | 605.5  | 605.0  | 604.6  | 605.0  | 605.5  | 605.9  | 606.4  | 606.6  |
| 120°   | 667.7  | 667.2  | 666.1  | 665.0  | 663.9  | 662.8  | 663.9  | 665.0  | 666.1  | 667.2  | 667.7  |
| 122.5° | 723.9  | 723.2  | 721.9  | 720.6  | 719.3  | 718.0  | 719.3  | 720.6  | 721.9  | 723.2  | 723.9  |
| 125°   | 777.2  | 776.9  | 776.2  | 775.5  | 774.9  | 774.2  | 774.9  | 775.5  | 776.2  | 776.9  | 777.2  |
| 127.5° | 828.5  | 827.6  | 825.9  | 824.1  | 822.4  | 820.6  | 822.4  | 824.1  | 825.9  | 827.6  | 828.5  |
| 130°   | 876.8  | 876.3  | 875.2  | 874.1  | 873.0  | 871.9  | 873.0  | 874.1  | 875.2  | 876.3  | 876.8  |
| 132.5° | 924.2  | 923.6  | 922.5  | 921.4  | 920.3  | 919.2  | 920.3  | 921.4  | 922.5  | 923.6  | 924.2  |
| 135°   | 967.5  | 966.8  | 965.5  | 964.2  | 962.9  | 961.6  | 962.9  | 964.2  | 965.5  | 966.8  | 967.5  |
| 137.5° | 1010.9 | 1010.4 | 1009.3 | 1008.2 | 1007.1 | 1006.0 | 1007.1 | 1008.2 | 1009.3 | 1010.4 | 1010.9 |
| 140°   | 1050.4 | 1049.7 | 1048.4 | 1047.1 | 1045.8 | 1044.5 | 1045.8 | 1047.1 | 1048.4 | 1049.7 | 1050.4 |
| 142.5° | 1086.9 | 1086.2 | 1084.9 | 1083.6 | 1082.3 | 1081.0 | 1082.3 | 1083.6 | 1084.9 | 1086.2 | 1086.9 |
| 145°   | 1122.4 | 1121.7 | 1120.4 | 1119.1 | 1117.8 | 1116.5 | 1117.8 | 1119.1 | 1120.4 | 1121.7 | 1122.4 |
| 147.5° | 1153.0 | 1152.2 | 1150.7 | 1149.2 | 1147.6 | 1146.1 | 1147.6 | 1149.2 | 1150.7 | 1152.2 | 1153.0 |
| 150°   | 1182.6 | 1181.7 | 1180.0 | 1178.2 | 1176.5 | 1174.7 | 1176.5 | 1178.2 | 1180.0 | 1181.7 | 1182.6 |
| 152.5° | 1208.2 | 1207.4 | 1205.9 | 1204.4 | 1202.8 | 1201.3 | 1202.8 | 1204.4 | 1205.9 | 1207.4 | 1208.2 |
| 155°   | 1231.9 | 1231.0 | 1229.3 | 1227.5 | 1225.8 | 1224.0 | 1225.8 | 1227.5 | 1229.3 | 1231.0 | 1231.9 |
| 157.5° | 1251.6 | 1250.7 | 1249.0 | 1247.2 | 1245.5 | 1243.7 | 1245.5 | 1247.2 | 1249.0 | 1250.7 | 1251.6 |
| 160°   | 1270.3 | 1269.4 | 1267.7 | 1265.9 | 1264.2 | 1262.4 | 1264.2 | 1265.9 | 1267.7 | 1269.4 | 1270.3 |
| 162.5° | 1288.1 | 1287.1 | 1285.1 | 1283.2 | 1281.2 | 1279.2 | 1281.2 | 1283.2 | 1285.1 | 1287.1 | 1288.1 |
| 165°   | 1301.9 | 1301.0 | 1299.3 | 1297.5 | 1295.8 | 1294.0 | 1295.8 | 1297.5 | 1299.3 | 1301.0 | 1301.9 |
| 167.5° | 1313.7 | 1312.7 | 1310.8 | 1308.8 | 1306.9 | 1304.9 | 1306.9 | 1308.8 | 1310.8 | 1312.7 | 1313.7 |
| 170°   | 1322.6 | 1321.6 | 1319.6 | 1317.7 | 1315.7 | 1313.7 | 1315.7 | 1317.7 | 1319.6 | 1321.6 | 1322.6 |
| 172.5° | 1328.5 | 1327.5 | 1325.6 | 1323.6 | 1321.7 | 1319.7 | 1321.7 | 1323.6 | 1325.6 | 1327.5 | 1328.5 |
| 175°   | 1333.5 | 1332.5 | 1330.5 | 1328.6 | 1326.6 | 1324.6 | 1326.6 | 1328.6 | 1330.5 | 1332.5 | 1333.5 |
| 177.5° | 1335.4 | 1334.5 | 1332.8 | 1331.0 | 1329.3 | 1327.5 | 1329.3 | 1331.0 | 1332.8 | 1334.5 | 1335.4 |
| 180°   | 1330.5 | 1330.5 | 1330.5 | 1330.5 | 1330.5 | 1330.5 | 1330.5 | 1330.5 | 1330.5 | 1330.5 | 1330.5 |

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**CANDELA DISTRIBUTION (continued):**

|        | 295°  | 300°  | 305°  | 310°  | 315°  | 320°  | 325°  | 330°  | 335°  | 337.5° | 340°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
| 0°     | 886.2 | 886.2 | 886.2 | 886.2 | 886.2 | 886.2 | 886.2 | 886.2 | 886.2 | 886.2  | 886.2 |
| 2.5°   | 838.2 | 841.8 | 838.9 | 836.7 | 842.6 | 845.5 | 845.5 | 850.6 | 855.7 | 860.0  | 860.7 |
| 5°     | 786.5 | 792.4 | 793.8 | 793.1 | 801.8 | 806.2 | 815.6 | 820.7 | 828.0 | 833.1  | 838.9 |
| 7.5°   | 739.2 | 747.2 | 748.0 | 749.4 | 762.5 | 769.8 | 777.8 | 790.9 | 801.1 | 808.4  | 814.9 |
| 10°    | 691.9 | 697.0 | 702.1 | 708.7 | 721.8 | 734.1 | 745.8 | 759.6 | 772.7 | 780.0  | 789.4 |
| 12.5°  | 656.3 | 659.9 | 665.8 | 670.1 | 683.9 | 694.9 | 710.1 | 729.1 | 748.0 | 753.8  | 765.4 |
| 15°    | 619.2 | 621.4 | 633.0 | 637.4 | 649.0 | 667.2 | 676.7 | 694.9 | 715.2 | 726.1  | 739.2 |
| 17.5°  | 576.3 | 589.4 | 596.6 | 601.7 | 616.3 | 630.8 | 646.1 | 665.0 | 691.2 | 701.4  | 710.9 |
| 20°    | 545.7 | 555.2 | 563.2 | 569.7 | 582.8 | 604.6 | 618.5 | 633.7 | 658.5 | 670.1  | 683.9 |
| 22.5°  | 518.8 | 526.8 | 534.1 | 541.3 | 550.1 | 569.7 | 585.7 | 606.8 | 631.6 | 642.5  | 658.5 |
| 25°    | 493.3 | 501.3 | 505.7 | 514.4 | 526.1 | 539.9 | 558.8 | 577.7 | 602.5 | 614.8  | 630.1 |
| 27.5°  | 468.6 | 476.6 | 484.6 | 491.9 | 499.9 | 513.0 | 526.1 | 550.1 | 575.5 | 590.1  | 603.2 |
| 30°    | 447.5 | 451.1 | 458.4 | 466.4 | 474.4 | 486.8 | 502.0 | 518.8 | 547.9 | 561.0  | 577.0 |
| 32.5°  | 424.2 | 430.7 | 435.8 | 441.7 | 451.8 | 462.0 | 475.8 | 496.9 | 520.2 | 532.6  | 550.1 |
| 35°    | 402.4 | 408.2 | 411.8 | 422.0 | 428.6 | 439.5 | 453.3 | 472.2 | 491.9 | 505.7  | 521.0 |
| 37.5°  | 381.3 | 387.1 | 391.4 | 397.3 | 406.0 | 415.5 | 430.0 | 443.8 | 467.1 | 478.8  | 496.2 |
| 40°    | 359.4 | 364.5 | 369.6 | 376.2 | 384.2 | 395.8 | 404.5 | 422.0 | 440.9 | 454.0  | 467.1 |
| 42.5°  | 338.3 | 341.2 | 347.1 | 354.3 | 362.3 | 372.5 | 384.9 | 398.7 | 417.6 | 429.3  | 440.9 |
| 45°    | 315.8 | 320.9 | 327.4 | 332.5 | 339.8 | 350.0 | 360.9 | 373.3 | 392.2 | 403.8  | 416.2 |
| 47.5°  | 294.7 | 298.3 | 302.7 | 310.7 | 320.1 | 327.4 | 339.1 | 350.7 | 368.2 | 379.1  | 390.7 |
| 50°    | 272.8 | 276.5 | 283.0 | 288.1 | 295.4 | 304.9 | 315.8 | 328.1 | 344.9 | 352.2  | 363.8 |
| 52.5°  | 252.5 | 253.9 | 260.5 | 265.6 | 272.8 | 283.8 | 292.5 | 303.4 | 319.4 | 327.4  | 339.1 |
| 55°    | 232.1 | 233.6 | 237.2 | 242.3 | 250.3 | 259.0 | 268.5 | 280.9 | 294.7 | 302.0  | 312.9 |
| 57.5°  | 211.0 | 212.5 | 216.1 | 219.7 | 227.7 | 235.7 | 246.7 | 256.8 | 270.7 | 277.2  | 287.4 |
| 60°    | 189.9 | 189.9 | 193.5 | 198.6 | 204.5 | 211.7 | 221.2 | 233.6 | 243.7 | 251.7  | 259.0 |
| 62.5°  | 167.3 | 169.5 | 171.7 | 175.4 | 181.9 | 190.6 | 198.6 | 207.4 | 219.7 | 225.6  | 232.1 |
| 65°    | 144.8 | 147.0 | 151.3 | 155.0 | 160.1 | 165.9 | 176.1 | 183.4 | 192.8 | 199.4  | 205.2 |
| 67.5°  | 125.1 | 127.3 | 130.2 | 134.6 | 138.2 | 144.8 | 152.1 | 159.3 | 169.5 | 173.9  | 178.3 |
| 70°    | 104.8 | 107.0 | 109.1 | 115.0 | 118.6 | 123.7 | 128.8 | 136.1 | 144.8 | 147.7  | 151.3 |
| 72.5°  | 88.8  | 89.5  | 92.4  | 93.9  | 99.0  | 103.3 | 109.1 | 113.5 | 120.1 | 123.7  | 126.6 |
| 75°    | 74.9  | 74.9  | 75.7  | 77.1  | 80.0  | 82.9  | 87.3  | 91.7  | 97.5  | 99.7   | 103.3 |
| 77.5°  | 58.9  | 61.1  | 60.4  | 61.8  | 63.3  | 64.8  | 68.4  | 71.3  | 77.1  | 78.6   | 80.0  |
| 80°    | 42.2  | 42.9  | 45.1  | 47.3  | 47.3  | 49.5  | 51.7  | 52.4  | 56.0  | 58.2   | 58.2  |
| 82.5°  | 30.6  | 31.3  | 30.6  | 31.3  | 32.0  | 32.7  | 34.9  | 37.8  | 37.8  | 38.6   | 40.0  |
| 85°    | 18.9  | 18.9  | 19.6  | 20.4  | 20.4  | 19.6  | 21.1  | 20.4  | 21.1  | 22.6   | 22.6  |
| 87.5°  | 9.5   | 8.7   | 8.7   | 8.7   | 8.7   | 8.7   | 9.5   | 8.7   | 9.5   | 9.5    | 9.5   |
| 90°    | 20.2  | 19.1  | 18.0  | 16.9  | 15.8  | 14.3  | 12.7  | 11.2  | 9.7   | 8.9    | 8.0   |
| 92.5°  | 20.2  | 19.1  | 18.0  | 16.9  | 15.8  | 14.5  | 13.2  | 11.9  | 10.6  | 9.9    | 10.9  |
| 95°    | 20.2  | 19.1  | 18.0  | 16.9  | 15.8  | 24.1  | 32.5  | 40.8  | 49.1  | 53.3   | 53.6  |
| 97.5°  | 19.5  | 19.1  | 18.6  | 18.2  | 17.8  | 38.6  | 59.4  | 80.3  | 101.1 | 111.5  | 110.8 |
| 100°   | 41.0  | 73.7  | 106.3 | 139.0 | 171.6 | 170.7 | 169.9 | 169.0 | 168.1 | 167.7  | 167.4 |
| 102.5° | 232.6 | 232.1 | 231.7 | 231.2 | 230.8 | 230.4 | 229.9 | 229.5 | 229.0 | 228.8  | 228.4 |
| 105°   | 293.9 | 293.9 | 293.9 | 293.9 | 293.9 | 293.9 | 293.9 | 293.9 | 293.9 | 293.9  | 293.5 |
| 107.5° | 359.9 | 359.7 | 359.4 | 359.2 | 359.0 | 358.6 | 358.1 | 357.7 | 357.2 | 357.0  | 357.0 |
| 110°   | 421.4 | 422.1 | 422.8 | 423.4 | 424.1 | 423.7 | 423.2 | 422.8 | 422.3 | 422.1  | 422.1 |

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CATALOG NUMBER: S125RDIW-B610D1050UB2750-4F0-XX-W2A-A\_5000K

**CANDELA DISTRIBUTION (continued):**

|        | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   | 330°   | 335°   | 337.5° | 340°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 483.7  | 484.6  | 485.5  | 486.3  | 487.2  | 487.0  | 486.8  | 486.5  | 486.3  | 486.2  | 485.9  |
| 115°   | 546.8  | 547.7  | 548.6  | 549.4  | 550.3  | 550.1  | 549.9  | 549.7  | 549.5  | 549.4  | 548.8  |
| 117.5° | 607.3  | 608.6  | 609.9  | 611.2  | 612.5  | 611.6  | 610.7  | 609.8  | 608.9  | 608.5  | 608.5  |
| 120°   | 667.9  | 668.4  | 668.8  | 669.3  | 669.7  | 669.0  | 668.4  | 667.7  | 667.0  | 666.7  | 666.8  |
| 122.5° | 724.1  | 724.6  | 725.0  | 725.5  | 725.9  | 725.7  | 725.5  | 725.2  | 725.0  | 724.9  | 724.4  |
| 125°   | 777.6  | 778.5  | 779.4  | 780.2  | 781.1  | 781.1  | 781.1  | 781.1  | 781.1  | 781.1  | 780.3  |
| 127.5° | 828.7  | 829.2  | 829.6  | 830.1  | 830.5  | 830.7  | 830.9  | 831.1  | 831.3  | 831.4  | 830.9  |
| 130°   | 877.1  | 877.8  | 878.5  | 879.1  | 879.8  | 879.6  | 879.4  | 879.1  | 878.9  | 878.8  | 878.3  |
| 132.5° | 924.2  | 924.2  | 924.2  | 924.2  | 924.2  | 924.8  | 925.5  | 926.1  | 926.8  | 927.1  | 926.4  |
| 135°   | 967.7  | 968.2  | 968.6  | 969.1  | 969.5  | 969.9  | 970.4  | 970.8  | 971.3  | 971.5  | 970.8  |
| 137.5° | 1010.9 | 1010.9 | 1010.9 | 1010.9 | 1010.9 | 1011.3 | 1011.8 | 1012.2 | 1012.7 | 1012.9 | 1012.2 |
| 140°   | 1050.2 | 1049.7 | 1049.3 | 1048.8 | 1048.4 | 1048.6 | 1048.8 | 1049.1 | 1049.3 | 1049.4 | 1049.2 |
| 142.5° | 1086.9 | 1086.9 | 1086.9 | 1086.9 | 1086.9 | 1086.5 | 1086.0 | 1085.6 | 1085.1 | 1084.9 | 1084.8 |
| 145°   | 1122.3 | 1122.1 | 1121.8 | 1121.6 | 1121.4 | 1121.4 | 1121.4 | 1121.4 | 1121.4 | 1121.4 | 1121.2 |
| 147.5° | 1152.9 | 1152.7 | 1152.4 | 1152.2 | 1152.0 | 1151.8 | 1151.6 | 1151.3 | 1151.1 | 1151.0 | 1151.0 |
| 150°   | 1182.4 | 1181.9 | 1181.5 | 1181.0 | 1180.6 | 1180.2 | 1179.7 | 1179.3 | 1178.8 | 1178.6 | 1178.8 |
| 152.5° | 1208.0 | 1207.5 | 1207.1 | 1206.6 | 1206.2 | 1205.8 | 1205.4 | 1204.9 | 1204.5 | 1204.3 | 1204.8 |
| 155°   | 1231.6 | 1230.9 | 1230.2 | 1229.6 | 1228.9 | 1228.5 | 1228.0 | 1227.6 | 1227.1 | 1226.9 | 1227.6 |
| 157.5° | 1251.3 | 1250.6 | 1249.9 | 1249.3 | 1248.6 | 1248.6 | 1248.6 | 1248.6 | 1248.6 | 1248.6 | 1248.9 |
| 160°   | 1269.9 | 1269.0 | 1268.1 | 1267.3 | 1266.4 | 1266.2 | 1266.0 | 1265.7 | 1265.5 | 1265.4 | 1266.1 |
| 162.5° | 1287.4 | 1286.1 | 1284.8 | 1283.5 | 1282.2 | 1282.0 | 1281.8 | 1281.5 | 1281.3 | 1281.2 | 1281.9 |
| 165°   | 1301.2 | 1299.9 | 1298.6 | 1297.3 | 1296.0 | 1295.8 | 1295.6 | 1295.3 | 1295.1 | 1295.0 | 1295.7 |
| 167.5° | 1312.9 | 1311.4 | 1309.9 | 1308.3 | 1306.8 | 1306.6 | 1306.4 | 1306.1 | 1305.9 | 1305.8 | 1306.5 |
| 170°   | 1321.7 | 1320.0 | 1318.2 | 1316.5 | 1314.7 | 1314.5 | 1314.3 | 1314.0 | 1313.8 | 1313.7 | 1314.5 |
| 172.5° | 1327.7 | 1326.2 | 1324.7 | 1323.1 | 1321.6 | 1321.2 | 1320.8 | 1320.3 | 1319.9 | 1319.7 | 1320.5 |
| 175°   | 1332.6 | 1330.9 | 1329.1 | 1327.4 | 1325.6 | 1325.4 | 1325.2 | 1324.9 | 1324.7 | 1324.6 | 1325.3 |
| 177.5° | 1334.6 | 1333.1 | 1331.6 | 1330.0 | 1328.5 | 1328.3 | 1328.1 | 1327.8 | 1327.6 | 1327.5 | 1328.2 |
| 180°   | 1330.5 | 1330.5 | 1330.5 | 1330.5 | 1330.5 | 1330.5 | 1330.5 | 1330.5 | 1330.5 | 1330.5 | 1330.5 |

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**CANDELA DISTRIBUTION (continued):**

|        | 345°  | 350°  | 355°  | 360°  |
|--------|-------|-------|-------|-------|
| 0°     | 886.2 | 886.2 | 886.2 | 886.2 |
| 2.5°   | 865.8 | 872.4 | 878.9 | 886.9 |
| 5°     | 848.4 | 860.0 | 872.4 | 884.0 |
| 7.5°   | 829.5 | 846.2 | 862.2 | 878.9 |
| 10°    | 808.4 | 829.5 | 847.7 | 870.9 |
| 12.5°  | 785.1 | 807.6 | 833.1 | 859.3 |
| 15°    | 761.8 | 790.2 | 817.1 | 846.9 |
| 17.5°  | 740.0 | 766.9 | 796.7 | 832.4 |
| 20°    | 713.8 | 743.6 | 777.1 | 814.9 |
| 22.5°  | 686.1 | 718.9 | 755.2 | 796.0 |
| 25°    | 662.8 | 696.3 | 731.2 | 774.2 |
| 27.5°  | 637.4 | 672.3 | 706.5 | 752.3 |
| 30°    | 608.3 | 646.1 | 681.0 | 728.3 |
| 32.5°  | 580.6 | 618.5 | 657.0 | 701.4 |
| 35°    | 553.7 | 590.8 | 629.4 | 674.5 |
| 37.5°  | 528.2 | 561.7 | 599.5 | 640.3 |
| 40°    | 504.2 | 534.8 | 568.3 | 605.4 |
| 42.5°  | 473.7 | 509.3 | 540.6 | 567.5 |
| 45°    | 447.5 | 476.6 | 505.7 | 527.5 |
| 47.5°  | 416.9 | 446.0 | 470.8 | 488.2 |
| 50°    | 391.4 | 414.7 | 435.1 | 450.4 |
| 52.5°  | 360.9 | 382.7 | 399.5 | 411.1 |
| 55°    | 331.1 | 350.0 | 364.5 | 372.5 |
| 57.5°  | 304.1 | 316.5 | 327.4 | 334.7 |
| 60°    | 274.3 | 283.8 | 293.2 | 301.2 |
| 62.5°  | 242.3 | 252.5 | 257.6 | 266.3 |
| 65°    | 213.9 | 220.5 | 228.5 | 231.4 |
| 67.5°  | 186.3 | 189.9 | 195.0 | 200.8 |
| 70°    | 157.2 | 159.3 | 164.4 | 172.4 |
| 72.5°  | 131.7 | 133.9 | 137.5 | 140.4 |
| 75°    | 104.8 | 107.0 | 109.9 | 112.8 |
| 77.5°  | 82.2  | 82.9  | 84.4  | 87.3  |
| 80°    | 59.7  | 61.8  | 63.3  | 64.0  |
| 82.5°  | 41.5  | 42.2  | 42.2  | 42.9  |
| 85°    | 26.2  | 24.7  | 24.7  | 25.5  |
| 87.5°  | 9.5   | 10.9  | 10.9  | 12.4  |
| 90°    | 6.3   | 4.5   | 2.8   | 1.0   |
| 92.5°  | 12.8  | 14.8  | 16.7  | 18.7  |
| 95°    | 54.3  | 54.9  | 55.6  | 56.2  |
| 97.5°  | 109.5 | 108.2 | 106.8 | 105.5 |
| 100°   | 166.7 | 166.0 | 165.4 | 164.7 |
| 102.5° | 227.5 | 226.6 | 225.8 | 224.9 |
| 105°   | 292.6 | 291.7 | 290.9 | 290.0 |
| 107.5° | 357.0 | 357.0 | 357.0 | 357.0 |
| 110°   | 422.1 | 422.1 | 422.1 | 422.1 |

TEST NUMBER: P1034843

CATALOG NUMBER: S125RDIW-B610D1050UB2750-4F0-XX-W2A-A\_5000K

**CANDELA DISTRIBUTION (continued):**

|        | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|
| 112.5° | 485.2  | 484.6  | 483.9  | 483.3  |
| 115°   | 547.7  | 546.6  | 545.5  | 544.4  |
| 117.5° | 608.5  | 608.5  | 608.5  | 608.5  |
| 120°   | 667.0  | 667.3  | 667.5  | 667.7  |
| 122.5° | 723.3  | 722.2  | 721.1  | 720.0  |
| 125°   | 778.8  | 777.3  | 775.7  | 774.2  |
| 127.5° | 829.8  | 828.7  | 827.6  | 826.5  |
| 130°   | 877.2  | 876.1  | 875.0  | 873.9  |
| 132.5° | 925.1  | 923.8  | 922.5  | 921.2  |
| 135°   | 969.5  | 968.2  | 966.9  | 965.6  |
| 137.5° | 1010.9 | 1009.6 | 1008.3 | 1007.0 |
| 140°   | 1048.7 | 1048.3 | 1047.8 | 1047.4 |
| 142.5° | 1084.6 | 1084.3 | 1084.1 | 1083.9 |
| 145°   | 1120.7 | 1120.3 | 1119.8 | 1119.4 |
| 147.5° | 1151.0 | 1151.0 | 1151.0 | 1151.0 |
| 150°   | 1179.3 | 1179.7 | 1180.2 | 1180.6 |
| 152.5° | 1205.9 | 1207.0 | 1208.1 | 1209.2 |
| 155°   | 1228.9 | 1230.2 | 1231.6 | 1232.9 |
| 157.5° | 1249.6 | 1250.3 | 1250.9 | 1251.6 |
| 160°   | 1267.4 | 1268.7 | 1270.0 | 1271.3 |
| 162.5° | 1283.2 | 1284.5 | 1285.8 | 1287.1 |
| 165°   | 1297.0 | 1298.3 | 1299.6 | 1300.9 |
| 167.5° | 1307.8 | 1309.1 | 1310.5 | 1311.8 |
| 170°   | 1316.0 | 1317.5 | 1319.1 | 1320.6 |
| 172.5° | 1322.0 | 1323.5 | 1325.1 | 1326.6 |
| 175°   | 1326.6 | 1327.9 | 1329.2 | 1330.5 |
| 177.5° | 1329.5 | 1330.8 | 1332.2 | 1333.5 |
| 180°   | 1330.5 | 1330.5 | 1330.5 | 1330.5 |

(END OF REPORT)