

Scaled data based on original data using  
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State  
Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

(formerly Eaton)

Brand: NEO-RAY

Report Number: P333661-930

Luminaire Tested: **S125RDIW-S610D470U930-4F0-1E-UDD-A1**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P333661-930  
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-11,  
Test Lab: INNOVATION CENTER  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: NEO-RAY  
Catalog Number: S125RDIW-S610D470U930-4F0-1E-UDD-A1  
Description: DEFINE 5 DIRECT-INDIRECT WALL MOUNT LED LUMINAIRE  
DOWNLIGHT 610 LUMENS PER FOOT, ASYMMETRIC DIFFUSER, REGRESSED HOUSING  
UPLIGHT 470 LUMENS PER FOOT, FLUSH SATIN WHITE DIFFUSER  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

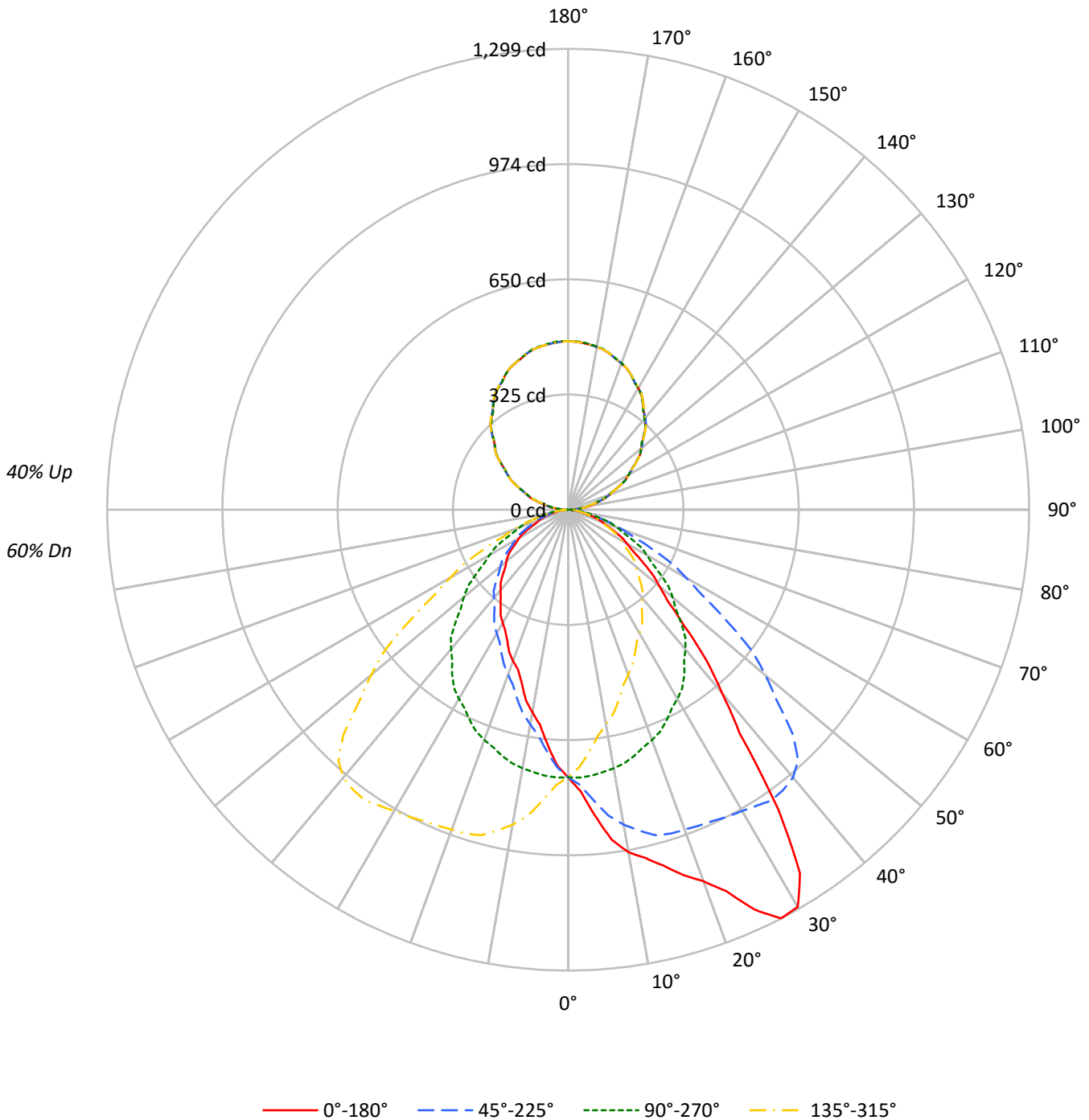
Lumens per Lamp: N/A  
Luminaire Lumens: 3280.7 lumens  
Efficiency: N/A  
Efficacy: 108.6 lumens/watt  
Spacing Criteria (0/90/45): 1.4 / 1.22 / 1.47  
Luminous Opening: Rectangular (W 4' x L: 0.42' x H: 0')  
CIE Type: General Diffuse  
  
Input Watts (W): 30.2  
Input Voltage (V): 120  
Input Current (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: 25 FT



TEST NUMBER: P333661-930

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### Luminous Intensity Polar Plot





TEST NUMBER: P333661-930

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**COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:**

|     |     |     |     |     |     |     |     |     |    |    |    |    |    |    |    |    |    |    |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|
| RF  | 20  |     |     |     | 20  |     |     |     | 20 |    |    |    | 20 |    |    |    | 20 |    |
| RC  | 80  |     |     |     | 70  |     |     |     | 50 |    |    |    | 30 |    |    |    | 10 | 0  |
| RW  | 70  | 50  | 30  | 10  | 70  | 50  | 30  | 10  | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 0  |
| RCR |     |     |     |     |     |     |     |     |    |    |    |    |    |    |    |    |    |    |
| 0   | 109 | 109 | 109 | 109 | 102 | 102 | 102 | 102 | 89 | 89 | 89 | 76 | 76 | 76 | 65 | 65 | 65 | 60 |
| 1   | 100 | 96  | 93  | 89  | 94  | 90  | 87  | 84  | 79 | 76 | 74 | 68 | 66 | 65 | 58 | 57 | 56 | 51 |
| 2   | 92  | 85  | 79  | 74  | 86  | 79  | 74  | 70  | 69 | 65 | 62 | 60 | 57 | 55 | 52 | 50 | 48 | 44 |
| 3   | 84  | 75  | 68  | 62  | 78  | 70  | 64  | 59  | 62 | 57 | 53 | 54 | 50 | 47 | 46 | 44 | 41 | 38 |
| 4   | 77  | 66  | 59  | 53  | 72  | 63  | 56  | 50  | 55 | 50 | 45 | 48 | 44 | 40 | 42 | 38 | 36 | 32 |
| 5   | 71  | 59  | 51  | 45  | 66  | 56  | 49  | 43  | 49 | 44 | 39 | 43 | 39 | 35 | 38 | 34 | 31 | 28 |
| 6   | 65  | 53  | 45  | 40  | 61  | 50  | 43  | 38  | 45 | 39 | 34 | 39 | 35 | 31 | 34 | 31 | 28 | 25 |
| 7   | 61  | 48  | 40  | 35  | 57  | 46  | 39  | 33  | 41 | 35 | 30 | 36 | 31 | 28 | 31 | 28 | 25 | 22 |
| 8   | 56  | 44  | 36  | 31  | 53  | 42  | 35  | 30  | 37 | 31 | 27 | 33 | 28 | 25 | 29 | 25 | 22 | 20 |
| 9   | 53  | 40  | 33  | 28  | 49  | 38  | 31  | 27  | 34 | 28 | 24 | 30 | 26 | 22 | 27 | 23 | 20 | 18 |
| 10  | 49  | 37  | 30  | 25  | 46  | 35  | 28  | 24  | 31 | 26 | 22 | 28 | 23 | 20 | 25 | 21 | 18 | 16 |

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

|     | 0°   | 90°  | 180° | 270° |
|-----|------|------|------|------|
| 0°  | 4873 | 4873 | 4873 | 4873 |
| 5°  | 5606 | 4879 | 4309 | 4879 |
| 10° | 6431 | 4854 | 3802 | 4854 |
| 15° | 6946 | 4804 | 3380 | 4804 |
| 20° | 7659 | 4746 | 3120 | 4746 |
| 25° | 8863 | 4670 | 2895 | 4670 |
| 30° | 9645 | 4589 | 2748 | 4589 |
| 35° | 8136 | 4495 | 2613 | 4495 |
| 40° | 5681 | 4326 | 2496 | 4326 |
| 45° | 4215 | 4098 | 2382 | 4098 |
| 50° | 3361 | 3861 | 2284 | 3861 |
| 55° | 2852 | 3567 | 2197 | 3567 |
| 60° | 2465 | 3304 | 2056 | 3304 |
| 65° | 2196 | 3020 | 1771 | 3020 |
| 70° | 1930 | 2766 | 1613 | 2766 |
| 75° | 1669 | 2395 | 1515 | 2395 |
| 80° | 1268 | 2016 | 1268 | 2016 |
| 85° | 1060 | 1586 | 1193 | 1586 |



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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 72.3   | 2.2       |
| 10°-20°   | 212.0  | 6.5       |
| 20°-30°   | 336.2  | 10.2      |
| 30°-40°   | 405.4  | 12.4      |
| 40°-50°   | 362.0  | 11.0      |
| 50°-60°   | 277.6  | 8.5       |
| 60°-70°   | 180.4  | 5.5       |
| 70°-80°   | 87.7   | 2.7       |
| 80°-90°   | 22.0   | 0.7       |
| 90°-100°  | 31.8   | 1.0       |
| 100°-110° | 93.9   | 2.9       |
| 110°-120° | 159.1  | 4.8       |
| 120°-130° | 209.4  | 6.4       |
| 130°-140° | 234.6  | 7.2       |
| 140°-150° | 229.9  | 7.0       |
| 150°-160° | 193.1  | 5.9       |
| 160°-170° | 128.4  | 3.9       |
| 170°-180° | 44.9   | 1.4       |
| 0°-30°    | 620.5  | 18.9      |
| 0°-40°    | 1025.9 | 31.3      |
| 0°-60°    | 1665.6 | 50.8      |
| 0°-90°    | 1955.7 | 59.6      |
| 90°-120°  | 284.8  | 8.7       |
| 90°-150°  | 958.7  | 29.2      |
| 90°-180°  | 1325.0 | 40.4      |
| 0°-180°   | 3280.7 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°   | 90° | 180° | 270° | 360° | Flux |
|------|------|-----|------|------|------|------|
| 0°   | 754  | 754 | 754  | 754  | 754  |      |
| 5°   | 865  | 753 | 665  | 753  | 865  | 86   |
| 15°  | 1039 | 718 | 506  | 718  | 1039 | 298  |
| 25°  | 1244 | 655 | 406  | 655  | 1244 | 571  |
| 35°  | 1032 | 570 | 331  | 570  | 1032 | 623  |
| 45°  | 462  | 449 | 261  | 449  | 462  | 368  |
| 55°  | 253  | 317 | 195  | 317  | 253  | 230  |
| 65°  | 144  | 198 | 116  | 198  | 144  | 143  |
| 75°  | 67   | 96  | 61   | 96   | 67   | 71   |
| 85°  | 14   | 21  | 16   | 21   | 14   | 17   |
| 90°  | 9    | 0   | 9    | 0    | 9    | 6    |
| 95°  | 32   | 24  | 32   | 24   | 32   | 32   |
| 105° | 92   | 84  | 92   | 84   | 92   | 97   |
| 115° | 161  | 159 | 161  | 159  | 161  | 159  |
| 125° | 234  | 232 | 234  | 232  | 234  | 209  |
| 135° | 303  | 302 | 303  | 302  | 303  | 234  |
| 145° | 368  | 366 | 368  | 366  | 368  | 230  |
| 155° | 419  | 419 | 419  | 419  | 419  | 193  |
| 165° | 454  | 456 | 454  | 456  | 454  | 128  |
| 175° | 472  | 474 | 472  | 474  | 472  | 45   |
| 180° | 475  | 475 | 475  | 475  | 475  |      |



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**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 25°    | 30°    | 35°    | 40°    | 45°   | 50°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|
| 0°     | 754.5  | 754.5  | 754.5  | 754.5  | 754.5  | 754.5  | 754.5  | 754.5  | 754.5  | 754.5 | 754.5 |
| 2.5°   | 793.6  | 793.1  | 794.1  | 791.3  | 791.7  | 787.4  | 787.4  | 784.2  | 780.0  | 776.7 | 775.3 |
| 5°     | 864.7  | 865.4  | 864.1  | 859.4  | 856.3  | 851.7  | 846.4  | 837.1  | 829.4  | 822.0 | 816.1 |
| 7.5°   | 937.9  | 938.3  | 934.3  | 932.9  | 925.0  | 919.3  | 907.7  | 895.0  | 883.8  | 869.5 | 858.7 |
| 10°    | 980.6  | 980.2  | 975.9  | 972.5  | 965.6  | 957.0  | 945.5  | 930.7  | 916.7  | 901.2 | 886.4 |
| 12.5°  | 1005.3 | 1004.5 | 1003.1 | 999.0  | 992.7  | 985.0  | 975.3  | 960.7  | 943.5  | 926.5 | 909.2 |
| 15°    | 1038.8 | 1036.6 | 1032.6 | 1027.3 | 1018.3 | 1009.3 | 998.5  | 985.5  | 969.1  | 949.9 | 933.8 |
| 17.5°  | 1080.1 | 1080.2 | 1074.0 | 1066.7 | 1054.5 | 1038.6 | 1021.9 | 1000.9 | 978.6  | 957.5 | 940.4 |
| 20°    | 1114.4 | 1113.4 | 1107.2 | 1093.0 | 1079.0 | 1059.2 | 1040.0 | 1014.3 | 987.1  | 959.4 | 938.1 |
| 22.5°  | 1163.4 | 1161.0 | 1154.5 | 1135.8 | 1114.2 | 1088.7 | 1059.3 | 1027.9 | 995.0  | 963.7 | 935.6 |
| 25°    | 1243.8 | 1241.9 | 1229.2 | 1207.5 | 1177.2 | 1137.8 | 1099.4 | 1056.4 | 1009.0 | 967.8 | 933.8 |
| 27.5°  | 1298.8 | 1296.7 | 1287.4 | 1269.3 | 1241.3 | 1200.0 | 1147.9 | 1090.5 | 1031.3 | 974.6 | 925.4 |
| 30°    | 1293.3 | 1298.0 | 1296.7 | 1288.4 | 1267.3 | 1230.1 | 1182.2 | 1117.4 | 1047.1 | 980.6 | 922.0 |
| 32.5°  | 1215.5 | 1219.7 | 1230.6 | 1247.0 | 1248.2 | 1233.4 | 1197.5 | 1137.8 | 1064.9 | 989.2 | 919.2 |
| 35°    | 1031.9 | 1037.5 | 1058.6 | 1091.7 | 1135.1 | 1171.3 | 1178.8 | 1146.6 | 1081.2 | 999.7 | 915.2 |
| 37.5°  | 793.4  | 823.9  | 841.6  | 876.4  | 941.9  | 1008.6 | 1072.7 | 1096.3 | 1068.5 | 995.4 | 908.6 |
| 40°    | 673.9  | 681.3  | 713.0  | 752.3  | 807.4  | 876.8  | 968.2  | 1034.1 | 1036.2 | 985.5 | 898.1 |
| 42.5°  | 576.8  | 586.2  | 607.9  | 639.3  | 686.5  | 755.9  | 850.2  | 937.3  | 977.5  | 958.2 | 884.5 |
| 45°    | 461.5  | 468.6  | 484.4  | 508.5  | 544.8  | 602.1  | 683.2  | 783.9  | 863.8  | 895.0 | 848.0 |
| 47.5°  | 379.1  | 382.9  | 396.6  | 415.1  | 441.9  | 483.6  | 546.4  | 633.8  | 729.7  | 796.9 | 790.3 |
| 50°    | 334.5  | 338.8  | 349.4  | 363.3  | 385.9  | 421.2  | 471.4  | 544.1  | 642.9  | 725.0 | 741.4 |
| 52.5°  | 299.8  | 303.4  | 310.0  | 323.2  | 341.8  | 368.9  | 409.4  | 475.3  | 564.2  | 651.4 | 689.4 |
| 55°    | 253.3  | 255.8  | 261.1  | 268.5  | 283.4  | 302.9  | 337.9  | 383.4  | 455.3  | 543.2 | 599.0 |
| 57.5°  | 215.1  | 216.3  | 219.6  | 226.5  | 236.8  | 251.0  | 276.3  | 315.0  | 366.5  | 445.6 | 507.2 |
| 60°    | 190.8  | 192.0  | 196.3  | 201.0  | 209.0  | 222.1  | 241.9  | 268.8  | 318.4  | 383.8 | 446.0 |
| 62.5°  | 171.5  | 172.2  | 174.1  | 178.7  | 185.7  | 195.8  | 211.4  | 233.4  | 272.8  | 330.2 | 389.0 |
| 65°    | 143.7  | 144.0  | 144.6  | 148.4  | 152.7  | 160.1  | 170.3  | 185.8  | 215.6  | 258.9 | 311.0 |
| 67.5°  | 117.1  | 117.5  | 119.7  | 121.0  | 125.5  | 129.4  | 135.4  | 147.2  | 168.2  | 197.4 | 237.8 |
| 70°    | 102.2  | 101.9  | 104.0  | 105.6  | 107.1  | 111.8  | 115.9  | 125.4  | 138.4  | 160.8 | 194.5 |
| 72.5°  | 88.3   | 87.6   | 88.5   | 89.0   | 91.1   | 94.2   | 98.2   | 104.1  | 114.1  | 129.6 | 155.3 |
| 75°    | 66.9   | 67.2   | 67.2   | 67.8   | 69.4   | 70.6   | 71.8   | 74.9   | 80.6   | 90.7  | 104.7 |
| 77.5°  | 47.0   | 46.5   | 47.8   | 47.9   | 48.8   | 50.2   | 51.3   | 52.5   | 54.8   | 59.0  | 66.2  |
| 80°    | 34.1   | 34.1   | 34.4   | 35.3   | 35.0   | 35.6   | 37.2   | 38.4   | 41.2   | 43.7  | 46.1  |
| 82.5°  | 26.2   | 25.9   | 26.2   | 26.4   | 26.3   | 26.9   | 27.5   | 27.7   | 28.8   | 30.0  | 31.8  |
| 85°    | 14.3   | 14.3   | 14.6   | 14.6   | 14.8   | 14.8   | 15.2   | 15.2   | 15.2   | 15.5  | 15.8  |
| 87.5°  | 7.3    | 6.9    | 6.6    | 6.6    | 6.8    | 7.2    | 6.8    | 6.5    | 6.4    | 6.4   | 6.5   |
| 90°    | 8.9    | 8.6    | 8.4    | 8.2    | 7.9    | 7.6    | 7.2    | 6.8    | 6.4    | 6.0   | 5.3   |
| 92.5°  | 17.4   | 17.3   | 17.0   | 16.9   | 16.7   | 16.4   | 15.8   | 15.2   | 14.8   | 14.2  | 13.5  |
| 95°    | 31.8   | 31.6   | 31.5   | 31.3   | 31.1   | 30.7   | 30.2   | 29.6   | 29.0   | 28.5  | 27.6  |
| 97.5°  | 48.2   | 48.1   | 48.0   | 47.9   | 47.8   | 47.5   | 47.0   | 46.4   | 45.8   | 45.3  | 44.2  |
| 100°   | 60.6   | 60.4   | 60.3   | 60.1   | 59.9   | 59.5   | 58.8   | 58.0   | 57.3   | 56.5  | 55.4  |
| 102.5° | 73.1   | 72.8   | 72.6   | 72.3   | 72.1   | 71.6   | 70.8   | 70.0   | 69.1   | 68.3  | 67.8  |
| 105°   | 91.6   | 91.4   | 91.2   | 90.9   | 90.7   | 90.3   | 89.8   | 89.3   | 88.8   | 88.3  | 87.8  |
| 107.5° | 110.7  | 110.7  | 110.7  | 110.8  | 110.8  | 110.6  | 110.4  | 110.1  | 109.9  | 109.7 | 109.3 |
| 110°   | 124.9  | 125.0  | 125.1  | 125.1  | 125.2  | 125.1  | 124.9  | 124.7  | 124.4  | 124.2 | 123.9 |



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**CANDELA DISTRIBUTION (continued):**

|        | 0°    | 5°    | 10°   | 15°   | 20°   | 25°   | 30°   | 35°   | 40°   | 45°   | 50°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 138.8 | 138.9 | 139.1 | 139.3 | 139.4 | 139.4 | 139.3 | 139.2 | 139.1 | 138.9 | 138.6 |
| 115°   | 160.8 | 160.9 | 160.9 | 161.0 | 161.1 | 161.2 | 161.3 | 161.3 | 161.4 | 161.5 | 161.3 |
| 117.5° | 182.1 | 182.5 | 182.9 | 183.2 | 183.5 | 183.6 | 183.5 | 183.5 | 183.4 | 183.4 | 183.2 |
| 120°   | 197.0 | 197.3 | 197.6 | 198.0 | 198.3 | 198.4 | 198.4 | 198.4 | 198.4 | 198.4 | 198.4 |
| 122.5° | 211.7 | 212.0 | 212.3 | 212.5 | 212.8 | 213.0 | 213.0 | 213.1 | 213.1 | 213.2 | 213.0 |
| 125°   | 233.9 | 234.0 | 234.1 | 234.2 | 234.2 | 234.4 | 234.6 | 234.7 | 234.9 | 235.1 | 235.0 |
| 127.5° | 255.2 | 255.4 | 255.5 | 255.7 | 255.8 | 256.0 | 256.1 | 256.2 | 256.2 | 256.3 | 256.2 |
| 130°   | 269.4 | 269.5 | 269.7 | 269.9 | 270.0 | 270.2 | 270.3 | 270.4 | 270.4 | 270.5 | 270.4 |
| 132.5° | 282.7 | 282.9 | 283.2 | 283.4 | 283.6 | 283.7 | 283.8 | 283.9 | 284.0 | 284.1 | 284.1 |
| 135°   | 303.4 | 303.7 | 304.0 | 304.4 | 304.7 | 304.8 | 304.8 | 304.8 | 304.8 | 304.8 | 304.8 |
| 137.5° | 323.6 | 324.0 | 324.5 | 324.9 | 325.3 | 325.5 | 325.3 | 325.2 | 325.1 | 325.1 | 324.8 |
| 140°   | 336.6 | 337.0 | 337.5 | 337.9 | 338.3 | 338.4 | 338.3 | 338.1 | 337.9 | 337.8 | 337.5 |
| 142.5° | 349.0 | 349.4 | 349.8 | 350.3 | 350.7 | 350.8 | 350.7 | 350.7 | 350.6 | 350.5 | 350.2 |
| 145°   | 367.7 | 367.9 | 368.2 | 368.4 | 368.7 | 368.8 | 368.8 | 368.8 | 368.8 | 368.8 | 368.5 |
| 147.5° | 383.6 | 384.1 | 384.7 | 385.2 | 385.8 | 386.0 | 385.8 | 385.6 | 385.4 | 385.2 | 385.0 |
| 150°   | 395.4 | 395.6 | 395.7 | 395.9 | 396.1 | 396.2 | 396.2 | 396.2 | 396.2 | 396.2 | 395.8 |
| 152.5° | 405.1 | 405.4 | 405.8 | 406.0 | 406.3 | 406.3 | 406.2 | 406.0 | 405.8 | 405.6 | 405.4 |
| 155°   | 419.1 | 419.5 | 419.9 | 420.3 | 420.7 | 420.7 | 420.4 | 420.0 | 419.7 | 419.4 | 419.3 |
| 157.5° | 430.6 | 431.2 | 431.7 | 432.3 | 432.8 | 432.9 | 432.6 | 432.3 | 431.9 | 431.6 | 431.5 |
| 160°   | 438.6 | 439.0 | 439.4 | 439.9 | 440.3 | 440.3 | 440.0 | 439.7 | 439.4 | 439.0 | 438.9 |
| 162.5° | 445.4 | 445.9 | 446.4 | 446.9 | 447.4 | 447.4 | 446.9 | 446.6 | 446.2 | 445.8 | 445.8 |
| 165°   | 454.5 | 455.0 | 455.5 | 456.0 | 456.5 | 456.6 | 456.2 | 455.9 | 455.6 | 455.3 | 455.2 |
| 167.5° | 461.8 | 462.3 | 462.8 | 463.3 | 463.8 | 463.8 | 463.3 | 462.8 | 462.4 | 461.9 | 461.9 |
| 170°   | 465.6 | 466.2 | 466.8 | 467.3 | 467.9 | 468.0 | 467.4 | 466.9 | 466.4 | 465.9 | 465.9 |
| 172.5° | 468.9 | 469.4 | 469.9 | 470.3 | 470.9 | 470.9 | 470.4 | 469.9 | 469.4 | 469.0 | 469.0 |
| 175°   | 471.9 | 472.5 | 473.0 | 473.6 | 474.2 | 474.3 | 473.8 | 473.2 | 472.7 | 472.2 | 472.2 |
| 177.5° | 473.7 | 474.1 | 474.6 | 475.1 | 475.5 | 475.6 | 475.2 | 474.7 | 474.3 | 473.9 | 474.0 |
| 180°   | 474.8 | 474.8 | 474.8 | 474.8 | 474.8 | 474.8 | 474.8 | 474.8 | 474.8 | 474.8 | 474.8 |



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**CANDELA DISTRIBUTION (continued):**

|        | 55°   | 60°   | 65°   | 70°   | 75°   | 80°   | 85°   | 90°   | 95°   | 100°  | 105°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 754.5 | 754.5 | 754.5 | 754.5 | 754.5 | 754.5 | 754.5 | 754.5 | 754.5 | 754.5 | 754.5 |
| 2.5°   | 775.3 | 773.6 | 770.3 | 767.4 | 763.6 | 760.4 | 758.1 | 755.5 | 752.0 | 747.8 | 744.3 |
| 5°     | 809.6 | 802.7 | 793.8 | 786.0 | 776.2 | 768.4 | 760.3 | 752.6 | 744.9 | 734.9 | 726.3 |
| 7.5°   | 847.6 | 833.6 | 819.9 | 802.7 | 787.0 | 773.1 | 759.7 | 746.2 | 732.9 | 718.8 | 705.2 |
| 10°    | 870.9 | 853.9 | 834.9 | 813.3 | 793.4 | 774.6 | 757.2 | 740.2 | 722.3 | 706.5 | 689.4 |
| 12.5°  | 892.7 | 870.7 | 849.1 | 821.7 | 797.9 | 774.9 | 752.8 | 731.6 | 712.3 | 691.9 | 673.5 |
| 15°    | 912.4 | 890.7 | 866.6 | 833.2 | 800.0 | 772.1 | 746.1 | 718.5 | 694.7 | 671.7 | 651.3 |
| 17.5°  | 920.0 | 897.3 | 869.2 | 837.1 | 800.9 | 765.8 | 732.3 | 702.1 | 674.0 | 647.3 | 624.3 |
| 20°    | 917.0 | 895.0 | 866.3 | 835.6 | 796.9 | 760.3 | 724.1 | 690.6 | 659.3 | 631.2 | 606.7 |
| 22.5°  | 909.9 | 887.1 | 859.3 | 827.0 | 790.2 | 751.4 | 712.7 | 677.0 | 644.2 | 615.1 | 588.4 |
| 25°    | 899.1 | 868.1 | 839.6 | 808.0 | 773.1 | 734.7 | 694.7 | 655.3 | 620.4 | 590.6 | 561.5 |
| 27.5°  | 887.9 | 849.2 | 813.0 | 781.5 | 744.6 | 710.4 | 671.8 | 631.5 | 594.7 | 564.4 | 534.6 |
| 30°    | 877.8 | 834.4 | 794.4 | 758.8 | 723.8 | 691.3 | 654.7 | 615.4 | 577.6 | 546.3 | 516.0 |
| 32.5°  | 865.1 | 819.0 | 775.1 | 734.0 | 700.3 | 668.0 | 634.9 | 597.3 | 560.5 | 528.2 | 497.4 |
| 35°    | 849.2 | 790.4 | 742.7 | 699.0 | 661.5 | 630.2 | 600.5 | 570.1 | 533.3 | 499.9 | 469.9 |
| 37.5°  | 828.4 | 761.7 | 706.5 | 658.8 | 619.4 | 587.9 | 564.5 | 536.7 | 503.1 | 471.1 | 443.2 |
| 40°    | 815.8 | 740.9 | 680.4 | 633.3 | 591.8 | 558.7 | 536.7 | 513.1 | 482.5 | 452.5 | 424.6 |
| 42.5°  | 798.9 | 721.8 | 654.2 | 605.1 | 563.4 | 531.5 | 509.2 | 488.7 | 462.9 | 434.6 | 404.8 |
| 45°    | 765.9 | 684.8 | 613.8 | 561.2 | 519.1 | 487.8 | 467.0 | 448.7 | 429.3 | 403.2 | 377.2 |
| 47.5°  | 722.9 | 646.2 | 571.9 | 514.5 | 473.2 | 444.2 | 424.0 | 409.6 | 395.7 | 373.6 | 348.3 |
| 50°    | 688.5 | 614.5 | 542.0 | 486.2 | 442.3 | 414.7 | 395.8 | 384.3 | 371.6 | 351.6 | 330.4 |
| 52.5°  | 647.8 | 581.8 | 510.8 | 453.8 | 412.3 | 386.5 | 368.3 | 356.9 | 346.3 | 330.0 | 309.9 |
| 55°    | 583.8 | 525.9 | 460.8 | 409.1 | 371.0 | 345.0 | 327.7 | 316.8 | 310.6 | 296.7 | 280.9 |
| 57.5°  | 509.9 | 468.4 | 411.1 | 361.2 | 327.5 | 301.7 | 289.1 | 279.9 | 272.9 | 263.0 | 251.8 |
| 60°    | 458.4 | 429.3 | 377.8 | 330.4 | 299.5 | 275.0 | 263.6 | 255.8 | 249.3 | 240.9 | 232.3 |
| 62.5°  | 406.1 | 384.9 | 340.2 | 299.5 | 271.0 | 250.5 | 239.8 | 232.8 | 225.3 | 219.6 | 211.2 |
| 65°    | 336.1 | 317.2 | 286.2 | 254.3 | 228.0 | 211.6 | 203.8 | 197.6 | 193.0 | 186.8 | 180.8 |
| 67.5°  | 261.4 | 253.7 | 232.4 | 210.3 | 191.4 | 176.8 | 170.2 | 165.8 | 160.2 | 156.5 | 152.5 |
| 70°    | 215.6 | 211.8 | 196.7 | 182.1 | 164.4 | 154.6 | 148.4 | 146.5 | 139.7 | 136.0 | 133.1 |
| 72.5°  | 175.0 | 173.2 | 164.4 | 154.3 | 141.9 | 133.2 | 127.5 | 125.4 | 121.1 | 118.1 | 116.3 |
| 75°    | 119.8 | 120.5 | 119.0 | 112.4 | 107.8 | 102.2 | 97.3  | 96.0  | 92.9  | 90.4  | 88.9  |
| 77.5°  | 75.8  | 79.0  | 79.1  | 78.8  | 77.0  | 73.5  | 71.5  | 70.5  | 67.5  | 66.6  | 66.2  |
| 80°    | 52.0  | 55.4  | 58.5  | 58.2  | 57.6  | 56.7  | 55.1  | 54.2  | 52.7  | 51.7  | 51.1  |
| 82.5°  | 34.7  | 37.8  | 40.4  | 42.2  | 42.0  | 41.1  | 40.0  | 39.5  | 39.3  | 38.6  | 38.5  |
| 85°    | 16.4  | 17.0  | 17.9  | 20.1  | 21.7  | 22.0  | 21.7  | 21.4  | 20.5  | 20.8  | 21.0  |
| 87.5°  | 6.7   | 6.5   | 6.7   | 6.5   | 6.2   | 7.3   | 7.9   | 8.0   | 7.7   | 7.3   | 6.9   |
| 90°    | 4.7   | 4.2   | 3.6   | 3.0   | 2.4   | 1.7   | 1.1   | 0.4   | 1.1   | 1.7   | 2.4   |
| 92.5°  | 12.8  | 12.1  | 11.3  | 10.8  | 10.4  | 9.9   | 9.4   | 9.0   | 9.4   | 9.9   | 10.4  |
| 95°    | 26.8  | 26.0  | 25.2  | 24.7  | 24.5  | 24.4  | 24.2  | 24.1  | 24.2  | 24.4  | 24.5  |
| 97.5°  | 43.0  | 41.9  | 40.8  | 40.2  | 40.1  | 40.0  | 39.9  | 39.9  | 39.9  | 40.0  | 40.1  |
| 100°   | 54.4  | 53.3  | 52.3  | 51.8  | 51.8  | 51.8  | 51.8  | 51.8  | 51.8  | 51.8  | 51.8  |
| 102.5° | 67.3  | 66.8  | 66.2  | 65.8  | 65.5  | 65.1  | 64.7  | 64.4  | 64.7  | 65.1  | 65.5  |
| 105°   | 87.3  | 86.8  | 86.3  | 85.9  | 85.4  | 85.0  | 84.6  | 84.2  | 84.6  | 85.0  | 85.4  |
| 107.5° | 108.9 | 108.5 | 108.2 | 107.8 | 107.4 | 107.0 | 106.6 | 106.2 | 106.6 | 107.0 | 107.4 |
| 110°   | 123.7 | 123.4 | 123.2 | 122.9 | 122.5 | 122.1 | 121.6 | 121.2 | 121.6 | 122.1 | 122.5 |





TEST NUMBER: P333661-930

CATALOG NUMBER: S125RDIW-S610D470U930-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 55°   | 60°   | 65°   | 70°   | 75°   | 80°   | 85°   | 90°   | 95°   | 100°  | 105°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 138.4 | 138.0 | 137.7 | 137.5 | 137.2 | 137.0 | 136.8 | 136.6 | 136.8 | 137.0 | 137.2 |
| 115°   | 161.2 | 161.0 | 160.9 | 160.6 | 160.3 | 160.0 | 159.6 | 159.2 | 159.6 | 160.0 | 160.3 |
| 117.5° | 183.0 | 183.0 | 182.8 | 182.6 | 182.5 | 182.3 | 182.1 | 182.1 | 182.1 | 182.3 | 182.5 |
| 120°   | 198.3 | 198.2 | 198.1 | 197.9 | 197.5 | 197.1 | 196.7 | 196.2 | 196.7 | 197.1 | 197.5 |
| 122.5° | 212.8 | 212.5 | 212.4 | 212.1 | 212.1 | 211.9 | 211.7 | 211.6 | 211.7 | 211.9 | 212.1 |
| 125°   | 234.9 | 234.8 | 234.7 | 234.4 | 233.9 | 233.4 | 232.9 | 232.4 | 232.9 | 233.4 | 233.9 |
| 127.5° | 256.1 | 256.0 | 255.9 | 255.8 | 255.4 | 255.2 | 254.9 | 254.6 | 254.9 | 255.2 | 255.4 |
| 130°   | 270.2 | 270.0 | 269.9 | 269.5 | 269.1 | 268.7 | 268.3 | 267.9 | 268.3 | 268.7 | 269.1 |
| 132.5° | 284.1 | 284.2 | 284.2 | 283.9 | 283.2 | 282.6 | 281.8 | 281.2 | 281.8 | 282.6 | 283.2 |
| 135°   | 304.7 | 304.6 | 304.5 | 304.3 | 303.8 | 303.3 | 302.8 | 302.2 | 302.8 | 303.3 | 303.8 |
| 137.5° | 324.7 | 324.5 | 324.3 | 324.0 | 323.5 | 323.0 | 322.5 | 322.0 | 322.5 | 323.0 | 323.5 |
| 140°   | 337.3 | 337.0 | 336.8 | 336.4 | 336.0 | 335.6 | 335.2 | 334.8 | 335.2 | 335.6 | 336.0 |
| 142.5° | 349.8 | 349.5 | 349.2 | 348.9 | 348.5 | 348.2 | 347.8 | 347.5 | 347.8 | 348.2 | 348.5 |
| 145°   | 368.3 | 368.0 | 367.8 | 367.5 | 367.2 | 366.9 | 366.6 | 366.2 | 366.6 | 366.9 | 367.2 |
| 147.5° | 384.8 | 384.6 | 384.4 | 384.3 | 384.0 | 383.8 | 383.7 | 383.5 | 383.7 | 383.8 | 384.0 |
| 150°   | 395.5 | 395.2 | 394.8 | 394.7 | 394.8 | 394.8 | 394.9 | 395.0 | 394.9 | 394.8 | 394.8 |
| 152.5° | 405.4 | 405.2 | 405.0 | 405.0 | 404.8 | 404.7 | 404.6 | 404.5 | 404.6 | 404.7 | 404.8 |
| 155°   | 419.2 | 419.1 | 419.1 | 419.1 | 419.1 | 419.1 | 419.1 | 419.1 | 419.1 | 419.1 | 419.1 |
| 157.5° | 431.5 | 431.4 | 431.3 | 431.3 | 431.5 | 431.7 | 431.9 | 432.0 | 431.9 | 431.7 | 431.5 |
| 160°   | 438.8 | 438.7 | 438.6 | 438.7 | 439.0 | 439.2 | 439.5 | 439.8 | 439.5 | 439.2 | 439.0 |
| 162.5° | 445.7 | 445.7 | 445.7 | 445.8 | 446.0 | 446.2 | 446.4 | 446.5 | 446.4 | 446.2 | 446.0 |
| 165°   | 455.1 | 455.0 | 454.9 | 454.9 | 455.1 | 455.3 | 455.4 | 455.6 | 455.4 | 455.3 | 455.1 |
| 167.5° | 461.9 | 461.9 | 461.9 | 462.0 | 462.4 | 462.7 | 463.0 | 463.3 | 463.0 | 462.7 | 462.4 |
| 170°   | 465.9 | 465.9 | 465.9 | 466.1 | 466.4 | 466.8 | 467.1 | 467.4 | 467.1 | 466.8 | 466.4 |
| 172.5° | 469.0 | 469.0 | 469.0 | 469.1 | 469.4 | 469.8 | 470.1 | 470.4 | 470.1 | 469.8 | 469.4 |
| 175°   | 472.2 | 472.2 | 472.2 | 472.4 | 472.7 | 473.0 | 473.4 | 473.8 | 473.4 | 473.0 | 472.7 |
| 177.5° | 474.1 | 474.2 | 474.2 | 474.3 | 474.7 | 474.9 | 475.2 | 475.4 | 475.2 | 474.9 | 474.7 |
| 180°   | 474.8 | 474.8 | 474.8 | 474.8 | 474.8 | 474.8 | 474.8 | 474.8 | 474.8 | 474.8 | 474.8 |



TEST NUMBER: P333661-930

CATALOG NUMBER: S125RDIW-S610D470U930-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 110°  | 115°  | 120°  | 125°  | 130°  | 135°  | 140°  | 145°  | 150°  | 155°  | 160°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 754.5 | 754.5 | 754.5 | 754.5 | 754.5 | 754.5 | 754.5 | 754.5 | 754.5 | 754.5 | 754.5 |
| 2.5°   | 741.8 | 738.3 | 735.9 | 730.9 | 727.4 | 725.9 | 723.3 | 722.5 | 725.2 | 723.3 | 723.0 |
| 5°     | 719.7 | 710.8 | 703.7 | 696.5 | 688.8 | 683.9 | 676.4 | 675.1 | 673.3 | 670.5 | 669.9 |
| 7.5°   | 693.3 | 681.6 | 672.5 | 660.6 | 650.4 | 642.2 | 632.9 | 628.5 | 626.1 | 622.5 | 617.7 |
| 10°    | 675.5 | 661.5 | 649.1 | 637.4 | 624.7 | 614.5 | 605.2 | 598.0 | 593.4 | 589.1 | 587.2 |
| 12.5°  | 657.9 | 643.7 | 627.9 | 613.6 | 599.4 | 587.9 | 577.6 | 573.0 | 567.9 | 562.8 | 558.5 |
| 15°    | 630.6 | 611.6 | 594.4 | 577.9 | 565.8 | 553.4 | 543.6 | 536.7 | 529.0 | 526.8 | 518.4 |
| 17.5°  | 601.6 | 583.0 | 562.7 | 545.4 | 531.5 | 517.8 | 507.0 | 499.2 | 493.3 | 485.3 | 481.5 |
| 20°    | 583.5 | 561.5 | 541.7 | 525.9 | 510.4 | 494.3 | 483.1 | 476.6 | 471.1 | 464.6 | 461.5 |
| 22.5°  | 564.2 | 542.7 | 522.4 | 503.9 | 488.1 | 472.2 | 464.3 | 457.5 | 451.3 | 445.2 | 441.2 |
| 25°    | 535.8 | 514.1 | 492.8 | 473.5 | 457.1 | 445.6 | 436.3 | 428.6 | 425.3 | 419.3 | 415.0 |
| 27.5°  | 507.8 | 484.7 | 462.5 | 443.4 | 430.5 | 419.1 | 411.6 | 405.4 | 399.3 | 394.1 | 390.4 |
| 30°    | 489.7 | 466.1 | 442.0 | 426.8 | 413.1 | 402.4 | 394.0 | 388.1 | 383.4 | 378.8 | 376.0 |
| 32.5°  | 471.6 | 447.3 | 425.8 | 409.4 | 396.6 | 387.2 | 378.6 | 372.9 | 368.0 | 362.9 | 359.6 |
| 35°    | 442.5 | 417.8 | 400.5 | 384.3 | 371.6 | 363.0 | 357.1 | 349.0 | 345.0 | 341.3 | 337.9 |
| 37.5°  | 415.6 | 392.6 | 373.8 | 359.7 | 348.7 | 340.1 | 332.5 | 328.1 | 323.2 | 319.8 | 317.0 |
| 40°    | 395.8 | 374.7 | 357.8 | 342.8 | 334.8 | 325.2 | 318.0 | 312.5 | 308.8 | 304.4 | 301.3 |
| 42.5°  | 378.0 | 358.4 | 341.9 | 328.5 | 318.5 | 310.3 | 303.5 | 297.9 | 293.2 | 290.1 | 287.5 |
| 45°    | 352.8 | 333.2 | 317.2 | 304.8 | 295.5 | 287.7 | 280.6 | 277.8 | 271.6 | 267.9 | 266.7 |
| 47.5°  | 326.7 | 309.2 | 293.7 | 282.3 | 272.7 | 265.4 | 258.7 | 253.1 | 249.6 | 246.0 | 244.0 |
| 50°    | 309.1 | 292.4 | 277.8 | 266.7 | 257.4 | 249.3 | 243.1 | 239.4 | 234.7 | 231.4 | 228.9 |
| 52.5°  | 291.5 | 276.0 | 261.5 | 250.8 | 242.7 | 234.7 | 227.8 | 224.0 | 219.6 | 217.4 | 215.7 |
| 55°    | 266.4 | 250.0 | 237.6 | 227.0 | 218.7 | 211.2 | 204.7 | 201.0 | 198.2 | 196.1 | 195.4 |
| 57.5°  | 237.8 | 224.9 | 213.4 | 203.8 | 195.2 | 188.2 | 182.5 | 179.0 | 176.5 | 176.2 | 174.3 |
| 60°    | 219.2 | 207.5 | 197.0 | 186.8 | 179.3 | 172.8 | 167.9 | 163.9 | 161.3 | 161.0 | 160.5 |
| 62.5°  | 200.7 | 189.4 | 179.6 | 170.6 | 164.0 | 157.7 | 153.0 | 148.5 | 147.0 | 145.4 | 144.1 |
| 65°    | 173.1 | 162.9 | 154.8 | 147.7 | 140.6 | 135.3 | 130.7 | 127.9 | 124.5 | 122.6 | 119.3 |
| 67.5°  | 146.0 | 138.1 | 130.4 | 124.4 | 118.8 | 113.8 | 110.0 | 105.8 | 103.5 | 102.0 | 99.5  |
| 70°    | 128.2 | 122.1 | 114.3 | 107.8 | 103.5 | 99.4  | 96.3  | 91.6  | 90.1  | 88.9  | 87.6  |
| 72.5°  | 111.4 | 105.9 | 99.4  | 94.2  | 89.8  | 86.0  | 82.4  | 80.3  | 78.8  | 77.5  | 76.7  |
| 75°    | 87.6  | 82.3  | 76.8  | 73.1  | 70.0  | 66.9  | 65.1  | 63.5  | 62.9  | 62.5  | 61.3  |
| 77.5°  | 64.3  | 61.6  | 57.1  | 54.1  | 52.1  | 50.9  | 49.2  | 48.3  | 48.3  | 47.0  | 46.6  |
| 80°    | 49.2  | 47.7  | 43.9  | 42.7  | 41.2  | 39.9  | 39.1  | 37.5  | 36.0  | 35.3  | 34.4  |
| 82.5°  | 36.6  | 35.1  | 33.6  | 31.6  | 30.3  | 29.5  | 28.6  | 28.0  | 28.2  | 27.4  | 26.9  |
| 85°    | 19.5  | 17.9  | 17.4  | 17.0  | 16.4  | 17.0  | 16.7  | 16.4  | 16.1  | 15.8  | 16.1  |
| 87.5°  | 6.8   | 6.9   | 6.8   | 7.4   | 6.8   | 7.1   | 7.2   | 7.0   | 7.1   | 7.2   | 7.0   |
| 90°    | 3.0   | 3.6   | 4.2   | 4.7   | 5.3   | 6.0   | 6.4   | 6.8   | 7.2   | 7.6   | 7.9   |
| 92.5°  | 10.8  | 11.3  | 12.1  | 12.8  | 13.5  | 14.2  | 14.8  | 15.2  | 15.8  | 16.4  | 16.7  |
| 95°    | 24.7  | 25.2  | 26.0  | 26.8  | 27.6  | 28.5  | 29.0  | 29.6  | 30.2  | 30.7  | 31.1  |
| 97.5°  | 40.2  | 40.8  | 41.9  | 43.0  | 44.2  | 45.3  | 45.8  | 46.4  | 47.0  | 47.5  | 47.8  |
| 100°   | 51.8  | 52.3  | 53.3  | 54.4  | 55.4  | 56.5  | 57.3  | 58.0  | 58.8  | 59.5  | 59.9  |
| 102.5° | 65.8  | 66.2  | 66.8  | 67.3  | 67.8  | 68.3  | 69.1  | 70.0  | 70.8  | 71.6  | 72.1  |
| 105°   | 85.9  | 86.3  | 86.8  | 87.3  | 87.8  | 88.3  | 88.8  | 89.3  | 89.8  | 90.3  | 90.7  |
| 107.5° | 107.8 | 108.2 | 108.5 | 108.9 | 109.3 | 109.7 | 109.9 | 110.1 | 110.4 | 110.6 | 110.8 |
| 110°   | 122.9 | 123.2 | 123.4 | 123.7 | 123.9 | 124.2 | 124.4 | 124.7 | 124.9 | 125.1 | 125.2 |



TEST NUMBER: P333661-930

CATALOG NUMBER: S125RDIW-S610D470U930-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 110°  | 115°  | 120°  | 125°  | 130°  | 135°  | 140°  | 145°  | 150°  | 155°  | 160°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 137.5 | 137.7 | 138.0 | 138.4 | 138.6 | 138.9 | 139.1 | 139.2 | 139.3 | 139.4 | 139.4 |
| 115°   | 160.6 | 160.9 | 161.0 | 161.2 | 161.3 | 161.5 | 161.4 | 161.3 | 161.3 | 161.2 | 161.1 |
| 117.5° | 182.6 | 182.8 | 183.0 | 183.0 | 183.2 | 183.4 | 183.4 | 183.5 | 183.5 | 183.6 | 183.5 |
| 120°   | 197.9 | 198.1 | 198.2 | 198.3 | 198.4 | 198.4 | 198.4 | 198.4 | 198.4 | 198.4 | 198.3 |
| 122.5° | 212.1 | 212.4 | 212.5 | 212.8 | 213.0 | 213.2 | 213.1 | 213.1 | 213.0 | 213.0 | 212.8 |
| 125°   | 234.4 | 234.7 | 234.8 | 234.9 | 235.0 | 235.1 | 234.9 | 234.7 | 234.6 | 234.4 | 234.2 |
| 127.5° | 255.8 | 255.9 | 256.0 | 256.1 | 256.2 | 256.3 | 256.2 | 256.2 | 256.1 | 256.0 | 255.8 |
| 130°   | 269.5 | 269.9 | 270.0 | 270.2 | 270.4 | 270.5 | 270.4 | 270.4 | 270.3 | 270.2 | 270.0 |
| 132.5° | 283.9 | 284.2 | 284.2 | 284.1 | 284.1 | 284.1 | 284.0 | 283.9 | 283.8 | 283.7 | 283.6 |
| 135°   | 304.3 | 304.5 | 304.6 | 304.7 | 304.8 | 304.8 | 304.8 | 304.8 | 304.8 | 304.8 | 304.7 |
| 137.5° | 324.0 | 324.3 | 324.5 | 324.7 | 324.8 | 325.1 | 325.1 | 325.2 | 325.3 | 325.5 | 325.3 |
| 140°   | 336.4 | 336.8 | 337.0 | 337.3 | 337.5 | 337.8 | 337.9 | 338.1 | 338.3 | 338.4 | 338.3 |
| 142.5° | 348.9 | 349.2 | 349.5 | 349.8 | 350.2 | 350.5 | 350.6 | 350.7 | 350.7 | 350.8 | 350.7 |
| 145°   | 367.5 | 367.8 | 368.0 | 368.3 | 368.5 | 368.8 | 368.8 | 368.8 | 368.8 | 368.8 | 368.7 |
| 147.5° | 384.3 | 384.4 | 384.6 | 384.8 | 385.0 | 385.2 | 385.4 | 385.6 | 385.8 | 386.0 | 385.8 |
| 150°   | 394.7 | 394.8 | 395.2 | 395.5 | 395.8 | 396.2 | 396.2 | 396.2 | 396.2 | 396.2 | 396.1 |
| 152.5° | 405.0 | 405.0 | 405.2 | 405.4 | 405.4 | 405.6 | 405.8 | 406.0 | 406.2 | 406.3 | 406.3 |
| 155°   | 419.1 | 419.1 | 419.1 | 419.2 | 419.3 | 419.4 | 419.7 | 420.0 | 420.4 | 420.7 | 420.7 |
| 157.5° | 431.3 | 431.3 | 431.4 | 431.5 | 431.5 | 431.6 | 431.9 | 432.3 | 432.6 | 432.9 | 432.8 |
| 160°   | 438.7 | 438.6 | 438.7 | 438.8 | 438.9 | 439.0 | 439.4 | 439.7 | 440.0 | 440.3 | 440.3 |
| 162.5° | 445.8 | 445.7 | 445.7 | 445.7 | 445.8 | 445.8 | 446.2 | 446.6 | 446.9 | 447.4 | 447.4 |
| 165°   | 454.9 | 454.9 | 455.0 | 455.1 | 455.2 | 455.3 | 455.6 | 455.9 | 456.2 | 456.6 | 456.5 |
| 167.5° | 462.0 | 461.9 | 461.9 | 461.9 | 461.9 | 461.9 | 462.4 | 462.8 | 463.3 | 463.8 | 463.8 |
| 170°   | 466.1 | 465.9 | 465.9 | 465.9 | 465.9 | 465.9 | 466.4 | 466.9 | 467.4 | 468.0 | 467.9 |
| 172.5° | 469.1 | 469.0 | 469.0 | 469.0 | 469.0 | 469.0 | 469.4 | 469.9 | 470.4 | 470.9 | 470.9 |
| 175°   | 472.4 | 472.2 | 472.2 | 472.2 | 472.2 | 472.2 | 472.7 | 473.2 | 473.8 | 474.3 | 474.2 |
| 177.5° | 474.3 | 474.2 | 474.2 | 474.1 | 474.0 | 473.9 | 474.3 | 474.7 | 475.2 | 475.6 | 475.5 |
| 180°   | 474.8 | 474.8 | 474.8 | 474.8 | 474.8 | 474.8 | 474.8 | 474.8 | 474.8 | 474.8 | 474.8 |



TEST NUMBER: P333661-930

CATALOG NUMBER: S125RDIW-S610D470U930-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 165°  | 170°  | 175°  | 180°  | 185°  | 190°  | 195°  | 200°  | 205°  | 210°  | 215°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 754.5 | 754.5 | 754.5 | 754.5 | 754.5 | 754.5 | 754.5 | 754.5 | 754.5 | 754.5 | 754.5 |
| 2.5°   | 722.8 | 720.0 | 719.3 | 720.2 | 719.3 | 720.0 | 722.8 | 723.0 | 723.3 | 725.2 | 722.5 |
| 5°     | 666.8 | 663.7 | 665.3 | 664.6 | 665.3 | 663.7 | 666.8 | 669.9 | 670.5 | 673.3 | 675.1 |
| 7.5°   | 617.6 | 613.8 | 609.7 | 611.0 | 609.7 | 613.8 | 617.6 | 617.7 | 622.5 | 626.1 | 628.5 |
| 10°    | 583.2 | 580.1 | 578.2 | 579.8 | 578.2 | 580.1 | 583.2 | 587.2 | 589.1 | 593.4 | 598.0 |
| 12.5°  | 554.2 | 552.4 | 550.7 | 550.1 | 550.7 | 552.4 | 554.2 | 558.5 | 562.8 | 567.9 | 573.0 |
| 15°    | 514.7 | 511.0 | 509.5 | 505.5 | 509.5 | 511.0 | 514.7 | 518.4 | 526.8 | 529.0 | 536.7 |
| 17.5°  | 478.3 | 477.1 | 473.1 | 471.4 | 473.1 | 477.1 | 478.3 | 481.5 | 485.3 | 493.3 | 499.2 |
| 20°    | 456.8 | 455.6 | 451.6 | 454.0 | 451.6 | 455.6 | 456.8 | 461.5 | 464.6 | 471.1 | 476.6 |
| 22.5°  | 439.0 | 436.3 | 435.0 | 434.2 | 435.0 | 436.3 | 439.0 | 441.2 | 445.2 | 451.3 | 457.5 |
| 25°    | 413.8 | 409.8 | 408.2 | 406.3 | 408.2 | 409.8 | 413.8 | 415.0 | 419.3 | 425.3 | 428.6 |
| 27.5°  | 388.7 | 386.5 | 384.4 | 383.9 | 384.4 | 386.5 | 388.7 | 390.4 | 394.1 | 399.3 | 405.4 |
| 30°    | 372.3 | 370.1 | 368.5 | 368.5 | 368.5 | 370.1 | 372.3 | 376.0 | 378.8 | 383.4 | 388.1 |
| 32.5°  | 357.7 | 356.0 | 354.4 | 354.2 | 354.4 | 356.0 | 357.7 | 359.6 | 362.9 | 368.0 | 372.9 |
| 35°    | 336.3 | 333.9 | 333.2 | 331.4 | 333.2 | 333.9 | 336.3 | 337.9 | 341.3 | 345.0 | 349.0 |
| 37.5°  | 314.2 | 312.2 | 312.1 | 311.9 | 312.1 | 312.2 | 314.2 | 317.0 | 319.8 | 323.2 | 328.1 |
| 40°    | 300.1 | 298.6 | 298.2 | 296.1 | 298.2 | 298.6 | 300.1 | 301.3 | 304.4 | 308.8 | 312.5 |
| 42.5°  | 285.0 | 284.2 | 283.2 | 282.2 | 283.2 | 284.2 | 285.0 | 287.5 | 290.1 | 293.2 | 297.9 |
| 45°    | 264.5 | 262.4 | 262.4 | 260.8 | 262.4 | 262.4 | 264.5 | 266.7 | 267.9 | 271.6 | 277.8 |
| 47.5°  | 243.3 | 241.7 | 241.8 | 240.2 | 241.8 | 241.7 | 243.3 | 244.0 | 246.0 | 249.6 | 253.1 |
| 50°    | 229.2 | 228.3 | 228.0 | 227.3 | 228.0 | 228.3 | 229.2 | 228.9 | 231.4 | 234.7 | 239.4 |
| 52.5°  | 215.1 | 214.7 | 215.8 | 214.4 | 215.8 | 214.7 | 215.1 | 215.7 | 217.4 | 219.6 | 224.0 |
| 55°    | 196.1 | 195.1 | 197.0 | 195.1 | 197.0 | 195.1 | 196.1 | 195.4 | 196.1 | 198.2 | 201.0 |
| 57.5°  | 174.1 | 173.3 | 175.0 | 174.1 | 175.0 | 173.3 | 174.1 | 174.3 | 176.2 | 176.5 | 179.0 |
| 60°    | 159.8 | 157.9 | 158.9 | 159.2 | 158.9 | 157.9 | 159.8 | 160.5 | 161.0 | 161.3 | 163.9 |
| 62.5°  | 142.7 | 141.6 | 142.3 | 140.9 | 142.3 | 141.6 | 142.7 | 144.1 | 145.4 | 147.0 | 148.5 |
| 65°    | 118.6 | 117.7 | 116.4 | 115.9 | 116.4 | 117.7 | 118.6 | 119.3 | 122.6 | 124.5 | 127.9 |
| 67.5°  | 99.6  | 97.4  | 97.3  | 97.8  | 97.3  | 97.4  | 99.6  | 99.5  | 102.0 | 103.5 | 105.8 |
| 70°    | 85.8  | 85.8  | 85.4  | 85.4  | 85.4  | 85.8  | 85.8  | 87.6  | 88.9  | 90.1  | 91.6  |
| 72.5°  | 76.1  | 75.9  | 75.3  | 75.1  | 75.3  | 75.9  | 76.1  | 76.7  | 77.5  | 78.8  | 80.3  |
| 75°    | 61.3  | 61.6  | 61.0  | 60.7  | 61.0  | 61.6  | 61.3  | 61.3  | 62.5  | 62.9  | 63.5  |
| 77.5°  | 45.2  | 43.9  | 44.7  | 43.9  | 44.7  | 43.9  | 45.2  | 46.6  | 47.0  | 48.3  | 48.3  |
| 80°    | 34.4  | 34.1  | 35.0  | 34.1  | 35.0  | 34.1  | 34.4  | 34.4  | 35.3  | 36.0  | 37.5  |
| 82.5°  | 27.2  | 26.9  | 27.3  | 26.7  | 27.3  | 26.9  | 27.2  | 26.9  | 27.4  | 28.2  | 28.0  |
| 85°    | 16.4  | 16.1  | 15.8  | 16.1  | 15.8  | 16.1  | 16.4  | 16.1  | 15.8  | 16.1  | 16.4  |
| 87.5°  | 7.3   | 7.1   | 7.2   | 7.3   | 7.2   | 7.1   | 7.3   | 7.0   | 7.2   | 7.1   | 7.0   |
| 90°    | 8.2   | 8.4   | 8.6   | 8.9   | 8.6   | 8.4   | 8.2   | 7.9   | 7.6   | 7.2   | 6.8   |
| 92.5°  | 16.9  | 17.0  | 17.3  | 17.4  | 17.3  | 17.0  | 16.9  | 16.7  | 16.4  | 15.8  | 15.2  |
| 95°    | 31.3  | 31.5  | 31.6  | 31.8  | 31.6  | 31.5  | 31.3  | 31.1  | 30.7  | 30.2  | 29.6  |
| 97.5°  | 47.9  | 48.0  | 48.1  | 48.2  | 48.1  | 48.0  | 47.9  | 47.8  | 47.5  | 47.0  | 46.4  |
| 100°   | 60.1  | 60.3  | 60.4  | 60.6  | 60.4  | 60.3  | 60.1  | 59.9  | 59.5  | 58.8  | 58.0  |
| 102.5° | 72.3  | 72.6  | 72.8  | 73.1  | 72.8  | 72.6  | 72.3  | 72.1  | 71.6  | 70.8  | 70.0  |
| 105°   | 90.9  | 91.2  | 91.4  | 91.6  | 91.4  | 91.2  | 90.9  | 90.7  | 90.3  | 89.8  | 89.3  |
| 107.5° | 110.8 | 110.7 | 110.7 | 110.7 | 110.7 | 110.7 | 110.8 | 110.8 | 110.6 | 110.4 | 110.1 |
| 110°   | 125.1 | 125.1 | 125.0 | 124.9 | 125.0 | 125.1 | 125.1 | 125.2 | 125.1 | 124.9 | 124.7 |



TEST NUMBER: P333661-930

CATALOG NUMBER: S125RDIW-S610D470U930-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 165°  | 170°  | 175°  | 180°  | 185°  | 190°  | 195°  | 200°  | 205°  | 210°  | 215°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 139.3 | 139.1 | 138.9 | 138.8 | 138.9 | 139.1 | 139.3 | 139.4 | 139.4 | 139.3 | 139.2 |
| 115°   | 161.0 | 160.9 | 160.9 | 160.8 | 160.9 | 160.9 | 161.0 | 161.1 | 161.2 | 161.3 | 161.3 |
| 117.5° | 183.2 | 182.9 | 182.5 | 182.1 | 182.5 | 182.9 | 183.2 | 183.5 | 183.6 | 183.5 | 183.5 |
| 120°   | 198.0 | 197.6 | 197.3 | 197.0 | 197.3 | 197.6 | 198.0 | 198.3 | 198.4 | 198.4 | 198.4 |
| 122.5° | 212.5 | 212.3 | 212.0 | 211.7 | 212.0 | 212.3 | 212.5 | 212.8 | 213.0 | 213.0 | 213.1 |
| 125°   | 234.2 | 234.1 | 234.0 | 233.9 | 234.0 | 234.1 | 234.2 | 234.2 | 234.4 | 234.6 | 234.7 |
| 127.5° | 255.7 | 255.5 | 255.4 | 255.2 | 255.4 | 255.5 | 255.7 | 255.8 | 256.0 | 256.1 | 256.2 |
| 130°   | 269.9 | 269.7 | 269.5 | 269.4 | 269.5 | 269.7 | 269.9 | 270.0 | 270.2 | 270.3 | 270.4 |
| 132.5° | 283.4 | 283.2 | 282.9 | 282.7 | 282.9 | 283.2 | 283.4 | 283.6 | 283.7 | 283.8 | 283.9 |
| 135°   | 304.4 | 304.0 | 303.7 | 303.4 | 303.7 | 304.0 | 304.4 | 304.7 | 304.8 | 304.8 | 304.8 |
| 137.5° | 324.9 | 324.5 | 324.0 | 323.6 | 324.0 | 324.5 | 324.9 | 325.3 | 325.5 | 325.3 | 325.2 |
| 140°   | 337.9 | 337.5 | 337.0 | 336.6 | 337.0 | 337.5 | 337.9 | 338.3 | 338.4 | 338.3 | 338.1 |
| 142.5° | 350.3 | 349.8 | 349.4 | 349.0 | 349.4 | 349.8 | 350.3 | 350.7 | 350.8 | 350.7 | 350.7 |
| 145°   | 368.4 | 368.2 | 367.9 | 367.7 | 367.9 | 368.2 | 368.4 | 368.7 | 368.8 | 368.8 | 368.8 |
| 147.5° | 385.2 | 384.7 | 384.1 | 383.6 | 384.1 | 384.7 | 385.2 | 385.8 | 386.0 | 385.8 | 385.6 |
| 150°   | 395.9 | 395.7 | 395.6 | 395.4 | 395.6 | 395.7 | 395.9 | 396.1 | 396.2 | 396.2 | 396.2 |
| 152.5° | 406.0 | 405.8 | 405.4 | 405.1 | 405.4 | 405.8 | 406.0 | 406.3 | 406.3 | 406.2 | 406.0 |
| 155°   | 420.3 | 419.9 | 419.5 | 419.1 | 419.5 | 419.9 | 420.3 | 420.7 | 420.7 | 420.4 | 420.0 |
| 157.5° | 432.3 | 431.7 | 431.2 | 430.6 | 431.2 | 431.7 | 432.3 | 432.8 | 432.9 | 432.6 | 432.3 |
| 160°   | 439.9 | 439.4 | 439.0 | 438.6 | 439.0 | 439.4 | 439.9 | 440.3 | 440.3 | 440.0 | 439.7 |
| 162.5° | 446.9 | 446.4 | 445.9 | 445.4 | 445.9 | 446.4 | 446.9 | 447.4 | 447.4 | 446.9 | 446.6 |
| 165°   | 456.0 | 455.5 | 455.0 | 454.5 | 455.0 | 455.5 | 456.0 | 456.5 | 456.6 | 456.2 | 455.9 |
| 167.5° | 463.3 | 462.8 | 462.3 | 461.8 | 462.3 | 462.8 | 463.3 | 463.8 | 463.8 | 463.3 | 462.8 |
| 170°   | 467.3 | 466.8 | 466.2 | 465.6 | 466.2 | 466.8 | 467.3 | 467.9 | 468.0 | 467.4 | 466.9 |
| 172.5° | 470.3 | 469.9 | 469.4 | 468.9 | 469.4 | 469.9 | 470.3 | 470.9 | 470.9 | 470.4 | 469.9 |
| 175°   | 473.6 | 473.0 | 472.5 | 471.9 | 472.5 | 473.0 | 473.6 | 474.2 | 474.3 | 473.8 | 473.2 |
| 177.5° | 475.1 | 474.6 | 474.1 | 473.7 | 474.1 | 474.6 | 475.1 | 475.5 | 475.6 | 475.2 | 474.7 |
| 180°   | 474.8 | 474.8 | 474.8 | 474.8 | 474.8 | 474.8 | 474.8 | 474.8 | 474.8 | 474.8 | 474.8 |



TEST NUMBER: P333661-930

CATALOG NUMBER: S125RDIW-S610D470U930-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 220°  | 225°  | 230°  | 235°  | 240°  | 245°  | 250°  | 255°  | 260°  | 265°  | 270°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 754.5 | 754.5 | 754.5 | 754.5 | 754.5 | 754.5 | 754.5 | 754.5 | 754.5 | 754.5 | 754.5 |
| 2.5°   | 723.3 | 725.9 | 727.4 | 730.9 | 735.9 | 738.3 | 741.8 | 744.3 | 747.8 | 752.0 | 755.5 |
| 5°     | 676.4 | 683.9 | 688.8 | 696.5 | 703.7 | 710.8 | 719.7 | 726.3 | 734.9 | 744.9 | 752.6 |
| 7.5°   | 632.9 | 642.2 | 650.4 | 660.6 | 672.5 | 681.6 | 693.3 | 705.2 | 718.8 | 732.9 | 746.2 |
| 10°    | 605.2 | 614.5 | 624.7 | 637.4 | 649.1 | 661.5 | 675.5 | 689.4 | 706.5 | 722.3 | 740.2 |
| 12.5°  | 577.6 | 587.9 | 599.4 | 613.6 | 627.9 | 643.7 | 657.9 | 673.5 | 691.9 | 712.3 | 731.6 |
| 15°    | 543.6 | 553.4 | 565.8 | 577.9 | 594.4 | 611.6 | 630.6 | 651.3 | 671.7 | 694.7 | 718.5 |
| 17.5°  | 507.0 | 517.8 | 531.5 | 545.4 | 562.7 | 583.0 | 601.6 | 624.3 | 647.3 | 674.0 | 702.1 |
| 20°    | 483.1 | 494.3 | 510.4 | 525.9 | 541.7 | 561.5 | 583.5 | 606.7 | 631.2 | 659.3 | 690.6 |
| 22.5°  | 464.3 | 472.2 | 488.1 | 503.9 | 522.4 | 542.7 | 564.2 | 588.4 | 615.1 | 644.2 | 677.0 |
| 25°    | 436.3 | 445.6 | 457.1 | 473.5 | 492.8 | 514.1 | 535.8 | 561.5 | 590.6 | 620.4 | 655.3 |
| 27.5°  | 411.6 | 419.1 | 430.5 | 443.4 | 462.5 | 484.7 | 507.8 | 534.6 | 564.4 | 594.7 | 631.5 |
| 30°    | 394.0 | 402.4 | 413.1 | 426.8 | 442.0 | 466.1 | 489.7 | 516.0 | 546.3 | 577.6 | 615.4 |
| 32.5°  | 378.6 | 387.2 | 396.6 | 409.4 | 425.8 | 447.3 | 471.6 | 497.4 | 528.2 | 560.5 | 597.3 |
| 35°    | 357.1 | 363.0 | 371.6 | 384.3 | 400.5 | 417.8 | 442.5 | 469.9 | 499.9 | 533.3 | 570.1 |
| 37.5°  | 332.5 | 340.1 | 348.7 | 359.7 | 373.8 | 392.6 | 415.6 | 443.2 | 471.1 | 503.1 | 536.7 |
| 40°    | 318.0 | 325.2 | 334.8 | 342.8 | 357.8 | 374.7 | 395.8 | 424.6 | 452.5 | 482.5 | 513.1 |
| 42.5°  | 303.5 | 310.3 | 318.5 | 328.5 | 341.9 | 358.4 | 378.0 | 404.8 | 434.6 | 462.9 | 488.7 |
| 45°    | 280.6 | 287.7 | 295.5 | 304.8 | 317.2 | 333.2 | 352.8 | 377.2 | 403.2 | 429.3 | 448.7 |
| 47.5°  | 258.7 | 265.4 | 272.7 | 282.3 | 293.7 | 309.2 | 326.7 | 348.3 | 373.6 | 395.7 | 409.6 |
| 50°    | 243.1 | 249.3 | 257.4 | 266.7 | 277.8 | 292.4 | 309.1 | 330.4 | 351.6 | 371.6 | 384.3 |
| 52.5°  | 227.8 | 234.7 | 242.7 | 250.8 | 261.5 | 276.0 | 291.5 | 309.9 | 330.0 | 346.3 | 356.9 |
| 55°    | 204.7 | 211.2 | 218.7 | 227.0 | 237.6 | 250.0 | 266.4 | 280.9 | 296.7 | 310.6 | 316.8 |
| 57.5°  | 182.5 | 188.2 | 195.2 | 203.8 | 213.4 | 224.9 | 237.8 | 251.8 | 263.0 | 272.9 | 279.9 |
| 60°    | 167.9 | 172.8 | 179.3 | 186.8 | 197.0 | 207.5 | 219.2 | 232.3 | 240.9 | 249.3 | 255.8 |
| 62.5°  | 153.0 | 157.7 | 164.0 | 170.6 | 179.6 | 189.4 | 200.7 | 211.2 | 219.6 | 225.3 | 232.8 |
| 65°    | 130.7 | 135.3 | 140.6 | 147.7 | 154.8 | 162.9 | 173.1 | 180.8 | 186.8 | 193.0 | 197.6 |
| 67.5°  | 110.0 | 113.8 | 118.8 | 124.4 | 130.4 | 138.1 | 146.0 | 152.5 | 156.5 | 160.2 | 165.8 |
| 70°    | 96.3  | 99.4  | 103.5 | 107.8 | 114.3 | 122.1 | 128.2 | 133.1 | 136.0 | 139.7 | 146.5 |
| 72.5°  | 82.4  | 86.0  | 89.8  | 94.2  | 99.4  | 105.9 | 111.4 | 116.3 | 118.1 | 121.1 | 125.4 |
| 75°    | 65.1  | 66.9  | 70.0  | 73.1  | 76.8  | 82.3  | 87.6  | 88.9  | 90.4  | 92.9  | 96.0  |
| 77.5°  | 49.2  | 50.9  | 52.1  | 54.1  | 57.1  | 61.6  | 64.3  | 66.2  | 66.6  | 67.5  | 70.5  |
| 80°    | 39.1  | 39.9  | 41.2  | 42.7  | 43.9  | 47.7  | 49.2  | 51.1  | 51.7  | 52.7  | 54.2  |
| 82.5°  | 28.6  | 29.5  | 30.3  | 31.6  | 33.6  | 35.1  | 36.6  | 38.5  | 38.6  | 39.3  | 39.5  |
| 85°    | 16.7  | 17.0  | 16.4  | 17.0  | 17.4  | 17.9  | 19.5  | 21.0  | 20.8  | 20.5  | 21.4  |
| 87.5°  | 7.2   | 7.1   | 6.8   | 7.4   | 6.8   | 6.9   | 6.8   | 6.9   | 7.3   | 7.7   | 8.0   |
| 90°    | 6.4   | 6.0   | 5.3   | 4.7   | 4.2   | 3.6   | 3.0   | 2.4   | 1.7   | 1.1   | 0.4   |
| 92.5°  | 14.8  | 14.2  | 13.5  | 12.8  | 12.1  | 11.3  | 10.8  | 10.4  | 9.9   | 9.4   | 9.0   |
| 95°    | 29.0  | 28.5  | 27.6  | 26.8  | 26.0  | 25.2  | 24.7  | 24.5  | 24.4  | 24.2  | 24.1  |
| 97.5°  | 45.8  | 45.3  | 44.2  | 43.0  | 41.9  | 40.8  | 40.2  | 40.1  | 40.0  | 39.9  | 39.9  |
| 100°   | 57.3  | 56.5  | 55.4  | 54.4  | 53.3  | 52.3  | 51.8  | 51.8  | 51.8  | 51.8  | 51.8  |
| 102.5° | 69.1  | 68.3  | 67.8  | 67.3  | 66.8  | 66.2  | 65.8  | 65.5  | 65.1  | 64.7  | 64.4  |
| 105°   | 88.8  | 88.3  | 87.8  | 87.3  | 86.8  | 86.3  | 85.9  | 85.4  | 85.0  | 84.6  | 84.2  |
| 107.5° | 109.9 | 109.7 | 109.3 | 108.9 | 108.5 | 108.2 | 107.8 | 107.4 | 107.0 | 106.6 | 106.2 |
| 110°   | 124.4 | 124.2 | 123.9 | 123.7 | 123.4 | 123.2 | 122.9 | 122.5 | 122.1 | 121.6 | 121.2 |



TEST NUMBER: P333661-930

CATALOG NUMBER: S125RDIW-S610D470U930-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 220°  | 225°  | 230°  | 235°  | 240°  | 245°  | 250°  | 255°  | 260°  | 265°  | 270°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 139.1 | 138.9 | 138.6 | 138.4 | 138.0 | 137.7 | 137.5 | 137.2 | 137.0 | 136.8 | 136.6 |
| 115°   | 161.4 | 161.5 | 161.3 | 161.2 | 161.0 | 160.9 | 160.6 | 160.3 | 160.0 | 159.6 | 159.2 |
| 117.5° | 183.4 | 183.4 | 183.2 | 183.0 | 183.0 | 182.8 | 182.6 | 182.5 | 182.3 | 182.1 | 182.1 |
| 120°   | 198.4 | 198.4 | 198.4 | 198.3 | 198.2 | 198.1 | 197.9 | 197.5 | 197.1 | 196.7 | 196.2 |
| 122.5° | 213.1 | 213.2 | 213.0 | 212.8 | 212.5 | 212.4 | 212.1 | 212.1 | 211.9 | 211.7 | 211.6 |
| 125°   | 234.9 | 235.1 | 235.0 | 234.9 | 234.8 | 234.7 | 234.4 | 233.9 | 233.4 | 232.9 | 232.4 |
| 127.5° | 256.2 | 256.3 | 256.2 | 256.1 | 256.0 | 255.9 | 255.8 | 255.4 | 255.2 | 254.9 | 254.6 |
| 130°   | 270.4 | 270.5 | 270.4 | 270.2 | 270.0 | 269.9 | 269.5 | 269.1 | 268.7 | 268.3 | 267.9 |
| 132.5° | 284.0 | 284.1 | 284.1 | 284.1 | 284.2 | 284.2 | 283.9 | 283.2 | 282.6 | 281.8 | 281.2 |
| 135°   | 304.8 | 304.8 | 304.8 | 304.7 | 304.6 | 304.5 | 304.3 | 303.8 | 303.3 | 302.8 | 302.2 |
| 137.5° | 325.1 | 325.1 | 324.8 | 324.7 | 324.5 | 324.3 | 324.0 | 323.5 | 323.0 | 322.5 | 322.0 |
| 140°   | 337.9 | 337.8 | 337.5 | 337.3 | 337.0 | 336.8 | 336.4 | 336.0 | 335.6 | 335.2 | 334.8 |
| 142.5° | 350.6 | 350.5 | 350.2 | 349.8 | 349.5 | 349.2 | 348.9 | 348.5 | 348.2 | 347.8 | 347.5 |
| 145°   | 368.8 | 368.8 | 368.5 | 368.3 | 368.0 | 367.8 | 367.5 | 367.2 | 366.9 | 366.6 | 366.2 |
| 147.5° | 385.4 | 385.2 | 385.0 | 384.8 | 384.6 | 384.4 | 384.3 | 384.0 | 383.8 | 383.7 | 383.5 |
| 150°   | 396.2 | 396.2 | 395.8 | 395.5 | 395.2 | 394.8 | 394.7 | 394.8 | 394.8 | 394.9 | 395.0 |
| 152.5° | 405.8 | 405.6 | 405.4 | 405.4 | 405.2 | 405.0 | 405.0 | 404.8 | 404.7 | 404.6 | 404.5 |
| 155°   | 419.7 | 419.4 | 419.3 | 419.2 | 419.1 | 419.1 | 419.1 | 419.1 | 419.1 | 419.1 | 419.1 |
| 157.5° | 431.9 | 431.6 | 431.5 | 431.5 | 431.4 | 431.3 | 431.3 | 431.5 | 431.7 | 431.9 | 432.0 |
| 160°   | 439.4 | 439.0 | 438.9 | 438.8 | 438.7 | 438.6 | 438.7 | 439.0 | 439.2 | 439.5 | 439.8 |
| 162.5° | 446.2 | 445.8 | 445.8 | 445.7 | 445.7 | 445.7 | 445.8 | 446.0 | 446.2 | 446.4 | 446.5 |
| 165°   | 455.6 | 455.3 | 455.2 | 455.1 | 455.0 | 454.9 | 454.9 | 455.1 | 455.3 | 455.4 | 455.6 |
| 167.5° | 462.4 | 461.9 | 461.9 | 461.9 | 461.9 | 461.9 | 462.0 | 462.4 | 462.7 | 463.0 | 463.3 |
| 170°   | 466.4 | 465.9 | 465.9 | 465.9 | 465.9 | 465.9 | 466.1 | 466.4 | 466.8 | 467.1 | 467.4 |
| 172.5° | 469.4 | 469.0 | 469.0 | 469.0 | 469.0 | 469.0 | 469.1 | 469.4 | 469.8 | 470.1 | 470.4 |
| 175°   | 472.7 | 472.2 | 472.2 | 472.2 | 472.2 | 472.2 | 472.4 | 472.7 | 473.0 | 473.4 | 473.8 |
| 177.5° | 474.3 | 473.9 | 474.0 | 474.1 | 474.2 | 474.2 | 474.3 | 474.7 | 474.9 | 475.2 | 475.4 |
| 180°   | 474.8 | 474.8 | 474.8 | 474.8 | 474.8 | 474.8 | 474.8 | 474.8 | 474.8 | 474.8 | 474.8 |



TEST NUMBER: P333661-930

CATALOG NUMBER: S125RDIW-S610D470U930-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 275°  | 280°  | 285°  | 290°  | 295°  | 300°  | 305°  | 310°  | 315°  | 320°   | 325°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|
| 0°     | 754.5 | 754.5 | 754.5 | 754.5 | 754.5 | 754.5 | 754.5 | 754.5 | 754.5 | 754.5  | 754.5  |
| 2.5°   | 758.1 | 760.4 | 763.6 | 767.4 | 770.3 | 773.6 | 775.3 | 775.3 | 776.7 | 780.0  | 784.2  |
| 5°     | 760.3 | 768.4 | 776.2 | 786.0 | 793.8 | 802.7 | 809.6 | 816.1 | 822.0 | 829.4  | 837.1  |
| 7.5°   | 759.7 | 773.1 | 787.0 | 802.7 | 819.9 | 833.6 | 847.6 | 858.7 | 869.5 | 883.8  | 895.0  |
| 10°    | 757.2 | 774.6 | 793.4 | 813.3 | 834.9 | 853.9 | 870.9 | 886.4 | 901.2 | 916.7  | 930.7  |
| 12.5°  | 752.8 | 774.9 | 797.9 | 821.7 | 849.1 | 870.7 | 892.7 | 909.2 | 926.5 | 943.5  | 960.7  |
| 15°    | 746.1 | 772.1 | 800.0 | 833.2 | 866.6 | 890.7 | 912.4 | 933.8 | 949.9 | 969.1  | 985.5  |
| 17.5°  | 732.3 | 765.8 | 800.9 | 837.1 | 869.2 | 897.3 | 920.0 | 940.4 | 957.5 | 978.6  | 1000.9 |
| 20°    | 724.1 | 760.3 | 796.9 | 835.6 | 866.3 | 895.0 | 917.0 | 938.1 | 959.4 | 987.1  | 1014.3 |
| 22.5°  | 712.7 | 751.4 | 790.2 | 827.0 | 859.3 | 887.1 | 909.9 | 935.6 | 963.7 | 995.0  | 1027.9 |
| 25°    | 694.7 | 734.7 | 773.1 | 808.0 | 839.6 | 868.1 | 899.1 | 933.8 | 967.8 | 1009.0 | 1056.4 |
| 27.5°  | 671.8 | 710.4 | 744.6 | 781.5 | 813.0 | 849.2 | 887.9 | 925.4 | 974.6 | 1031.3 | 1090.5 |
| 30°    | 654.7 | 691.3 | 723.8 | 758.8 | 794.4 | 834.4 | 877.8 | 922.0 | 980.6 | 1047.1 | 1117.4 |
| 32.5°  | 634.9 | 668.0 | 700.3 | 734.0 | 775.1 | 819.0 | 865.1 | 919.2 | 989.2 | 1064.9 | 1137.8 |
| 35°    | 600.5 | 630.2 | 661.5 | 699.0 | 742.7 | 790.4 | 849.2 | 915.2 | 999.7 | 1081.2 | 1146.6 |
| 37.5°  | 564.5 | 587.9 | 619.4 | 658.8 | 706.5 | 761.7 | 828.4 | 908.6 | 995.4 | 1068.5 | 1096.3 |
| 40°    | 536.7 | 558.7 | 591.8 | 633.3 | 680.4 | 740.9 | 815.8 | 898.1 | 985.5 | 1036.2 | 1034.1 |
| 42.5°  | 509.2 | 531.5 | 563.4 | 605.1 | 654.2 | 721.8 | 798.9 | 884.5 | 958.2 | 977.5  | 937.3  |
| 45°    | 467.0 | 487.8 | 519.1 | 561.2 | 613.8 | 684.8 | 765.9 | 848.0 | 895.0 | 863.8  | 783.9  |
| 47.5°  | 424.0 | 444.2 | 473.2 | 514.5 | 571.9 | 646.2 | 722.9 | 790.3 | 796.9 | 729.7  | 633.8  |
| 50°    | 395.8 | 414.7 | 442.3 | 486.2 | 542.0 | 614.5 | 688.5 | 741.4 | 725.0 | 642.9  | 544.1  |
| 52.5°  | 368.3 | 386.5 | 412.3 | 453.8 | 510.8 | 581.8 | 647.8 | 689.4 | 651.4 | 564.2  | 475.3  |
| 55°    | 327.7 | 345.0 | 371.0 | 409.1 | 460.8 | 525.9 | 583.8 | 599.0 | 543.2 | 455.3  | 383.4  |
| 57.5°  | 289.1 | 301.7 | 327.5 | 361.2 | 411.1 | 468.4 | 509.9 | 507.2 | 445.6 | 366.5  | 315.0  |
| 60°    | 263.6 | 275.0 | 299.5 | 330.4 | 377.8 | 429.3 | 458.4 | 446.0 | 383.8 | 318.4  | 268.8  |
| 62.5°  | 239.8 | 250.5 | 271.0 | 299.5 | 340.2 | 384.9 | 406.1 | 389.0 | 330.2 | 272.8  | 233.4  |
| 65°    | 203.8 | 211.6 | 228.0 | 254.3 | 286.2 | 317.2 | 336.1 | 311.0 | 258.9 | 215.6  | 185.8  |
| 67.5°  | 170.2 | 176.8 | 191.4 | 210.3 | 232.4 | 253.7 | 261.4 | 237.8 | 197.4 | 168.2  | 147.2  |
| 70°    | 148.4 | 154.6 | 164.4 | 182.1 | 196.7 | 211.8 | 215.6 | 194.5 | 160.8 | 138.4  | 125.4  |
| 72.5°  | 127.5 | 133.2 | 141.9 | 154.3 | 164.4 | 173.2 | 175.0 | 155.3 | 129.6 | 114.1  | 104.1  |
| 75°    | 97.3  | 102.2 | 107.8 | 112.4 | 119.0 | 120.5 | 119.8 | 104.7 | 90.7  | 80.6   | 74.9   |
| 77.5°  | 71.5  | 73.5  | 77.0  | 78.8  | 79.1  | 79.0  | 75.8  | 66.2  | 59.0  | 54.8   | 52.5   |
| 80°    | 55.1  | 56.7  | 57.6  | 58.2  | 58.5  | 55.4  | 52.0  | 46.1  | 43.7  | 41.2   | 38.4   |
| 82.5°  | 40.0  | 41.1  | 42.0  | 42.2  | 40.4  | 37.8  | 34.7  | 31.8  | 30.0  | 28.8   | 27.7   |
| 85°    | 21.7  | 22.0  | 21.7  | 20.1  | 17.9  | 17.0  | 16.4  | 15.8  | 15.5  | 15.2   | 15.2   |
| 87.5°  | 7.9   | 7.3   | 6.2   | 6.5   | 6.7   | 6.5   | 6.7   | 6.5   | 6.4   | 6.4    | 6.5    |
| 90°    | 1.1   | 1.7   | 2.4   | 3.0   | 3.6   | 4.2   | 4.7   | 5.3   | 6.0   | 6.4    | 6.8    |
| 92.5°  | 9.4   | 9.9   | 10.4  | 10.8  | 11.3  | 12.1  | 12.8  | 13.5  | 14.2  | 14.8   | 15.2   |
| 95°    | 24.2  | 24.4  | 24.5  | 24.7  | 25.2  | 26.0  | 26.8  | 27.6  | 28.5  | 29.0   | 29.6   |
| 97.5°  | 39.9  | 40.0  | 40.1  | 40.2  | 40.8  | 41.9  | 43.0  | 44.2  | 45.3  | 45.8   | 46.4   |
| 100°   | 51.8  | 51.8  | 51.8  | 51.8  | 52.3  | 53.3  | 54.4  | 55.4  | 56.5  | 57.3   | 58.0   |
| 102.5° | 64.7  | 65.1  | 65.5  | 65.8  | 66.2  | 66.8  | 67.3  | 67.8  | 68.3  | 69.1   | 70.0   |
| 105°   | 84.6  | 85.0  | 85.4  | 85.9  | 86.3  | 86.8  | 87.3  | 87.8  | 88.3  | 88.8   | 89.3   |
| 107.5° | 106.6 | 107.0 | 107.4 | 107.8 | 108.2 | 108.5 | 108.9 | 109.3 | 109.7 | 109.9  | 110.1  |
| 110°   | 121.6 | 122.1 | 122.5 | 122.9 | 123.2 | 123.4 | 123.7 | 123.9 | 124.2 | 124.4  | 124.7  |





TEST NUMBER: P333661-930

CATALOG NUMBER: S125RDIW-S610D470U930-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 275°  | 280°  | 285°  | 290°  | 295°  | 300°  | 305°  | 310°  | 315°  | 320°  | 325°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 136.8 | 137.0 | 137.2 | 137.5 | 137.7 | 138.0 | 138.4 | 138.6 | 138.9 | 139.1 | 139.2 |
| 115°   | 159.6 | 160.0 | 160.3 | 160.6 | 160.9 | 161.0 | 161.2 | 161.3 | 161.5 | 161.4 | 161.3 |
| 117.5° | 182.1 | 182.3 | 182.5 | 182.6 | 182.8 | 183.0 | 183.0 | 183.2 | 183.4 | 183.4 | 183.5 |
| 120°   | 196.7 | 197.1 | 197.5 | 197.9 | 198.1 | 198.2 | 198.3 | 198.4 | 198.4 | 198.4 | 198.4 |
| 122.5° | 211.7 | 211.9 | 212.1 | 212.1 | 212.4 | 212.5 | 212.8 | 213.0 | 213.2 | 213.1 | 213.1 |
| 125°   | 232.9 | 233.4 | 233.9 | 234.4 | 234.7 | 234.8 | 234.9 | 235.0 | 235.1 | 234.9 | 234.7 |
| 127.5° | 254.9 | 255.2 | 255.4 | 255.8 | 255.9 | 256.0 | 256.1 | 256.2 | 256.3 | 256.2 | 256.2 |
| 130°   | 268.3 | 268.7 | 269.1 | 269.5 | 269.9 | 270.0 | 270.2 | 270.4 | 270.5 | 270.4 | 270.4 |
| 132.5° | 281.8 | 282.6 | 283.2 | 283.9 | 284.2 | 284.2 | 284.1 | 284.1 | 284.1 | 284.0 | 283.9 |
| 135°   | 302.8 | 303.3 | 303.8 | 304.3 | 304.5 | 304.6 | 304.7 | 304.8 | 304.8 | 304.8 | 304.8 |
| 137.5° | 322.5 | 323.0 | 323.5 | 324.0 | 324.3 | 324.5 | 324.7 | 324.8 | 325.1 | 325.1 | 325.2 |
| 140°   | 335.2 | 335.6 | 336.0 | 336.4 | 336.8 | 337.0 | 337.3 | 337.5 | 337.8 | 337.9 | 338.1 |
| 142.5° | 347.8 | 348.2 | 348.5 | 348.9 | 349.2 | 349.5 | 349.8 | 350.2 | 350.5 | 350.6 | 350.7 |
| 145°   | 366.6 | 366.9 | 367.2 | 367.5 | 367.8 | 368.0 | 368.3 | 368.5 | 368.8 | 368.8 | 368.8 |
| 147.5° | 383.7 | 383.8 | 384.0 | 384.3 | 384.4 | 384.6 | 384.8 | 385.0 | 385.2 | 385.4 | 385.6 |
| 150°   | 394.9 | 394.8 | 394.8 | 394.7 | 394.8 | 395.2 | 395.5 | 395.8 | 396.2 | 396.2 | 396.2 |
| 152.5° | 404.6 | 404.7 | 404.8 | 405.0 | 405.0 | 405.2 | 405.4 | 405.4 | 405.6 | 405.8 | 406.0 |
| 155°   | 419.1 | 419.1 | 419.1 | 419.1 | 419.1 | 419.1 | 419.2 | 419.3 | 419.4 | 419.7 | 420.0 |
| 157.5° | 431.9 | 431.7 | 431.5 | 431.3 | 431.3 | 431.4 | 431.5 | 431.5 | 431.6 | 431.9 | 432.3 |
| 160°   | 439.5 | 439.2 | 439.0 | 438.7 | 438.6 | 438.7 | 438.8 | 438.9 | 439.0 | 439.4 | 439.7 |
| 162.5° | 446.4 | 446.2 | 446.0 | 445.8 | 445.7 | 445.7 | 445.7 | 445.8 | 445.8 | 446.2 | 446.6 |
| 165°   | 455.4 | 455.3 | 455.1 | 454.9 | 454.9 | 455.0 | 455.1 | 455.2 | 455.3 | 455.6 | 455.9 |
| 167.5° | 463.0 | 462.7 | 462.4 | 462.0 | 461.9 | 461.9 | 461.9 | 461.9 | 461.9 | 462.4 | 462.8 |
| 170°   | 467.1 | 466.8 | 466.4 | 466.1 | 465.9 | 465.9 | 465.9 | 465.9 | 465.9 | 466.4 | 466.9 |
| 172.5° | 470.1 | 469.8 | 469.4 | 469.1 | 469.0 | 469.0 | 469.0 | 469.0 | 469.0 | 469.4 | 469.9 |
| 175°   | 473.4 | 473.0 | 472.7 | 472.4 | 472.2 | 472.2 | 472.2 | 472.2 | 472.2 | 472.7 | 473.2 |
| 177.5° | 475.2 | 474.9 | 474.7 | 474.3 | 474.2 | 474.2 | 474.1 | 474.0 | 473.9 | 474.3 | 474.7 |
| 180°   | 474.8 | 474.8 | 474.8 | 474.8 | 474.8 | 474.8 | 474.8 | 474.8 | 474.8 | 474.8 | 474.8 |



TEST NUMBER: P333661-930

CATALOG NUMBER: S125RDIW-S610D470U930-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 330°   | 335°   | 340°   | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 754.5  | 754.5  | 754.5  | 754.5  | 754.5  | 754.5  | 754.5  |
| 2.5°   | 787.4  | 787.4  | 791.7  | 791.3  | 794.1  | 793.1  | 793.6  |
| 5°     | 846.4  | 851.7  | 856.3  | 859.4  | 864.1  | 865.4  | 864.7  |
| 7.5°   | 907.7  | 919.3  | 925.0  | 932.9  | 934.3  | 938.3  | 937.9  |
| 10°    | 945.5  | 957.0  | 965.6  | 972.5  | 975.9  | 980.2  | 980.6  |
| 12.5°  | 975.3  | 985.0  | 992.7  | 999.0  | 1003.1 | 1004.5 | 1005.3 |
| 15°    | 998.5  | 1009.3 | 1018.3 | 1027.3 | 1032.6 | 1036.6 | 1038.8 |
| 17.5°  | 1021.9 | 1038.6 | 1054.5 | 1066.7 | 1074.0 | 1080.2 | 1080.1 |
| 20°    | 1040.0 | 1059.2 | 1079.0 | 1093.0 | 1107.2 | 1113.4 | 1114.4 |
| 22.5°  | 1059.3 | 1088.7 | 1114.2 | 1135.8 | 1154.5 | 1161.0 | 1163.4 |
| 25°    | 1099.4 | 1137.8 | 1177.2 | 1207.5 | 1229.2 | 1241.9 | 1243.8 |
| 27.5°  | 1147.9 | 1200.0 | 1241.3 | 1269.3 | 1287.4 | 1296.7 | 1298.8 |
| 30°    | 1182.2 | 1230.1 | 1267.3 | 1288.4 | 1296.7 | 1298.0 | 1293.3 |
| 32.5°  | 1197.5 | 1233.4 | 1248.2 | 1247.0 | 1230.6 | 1219.7 | 1215.5 |
| 35°    | 1178.8 | 1171.3 | 1135.1 | 1091.7 | 1058.6 | 1037.5 | 1031.9 |
| 37.5°  | 1072.7 | 1008.6 | 941.9  | 876.4  | 841.6  | 823.9  | 793.4  |
| 40°    | 968.2  | 876.8  | 807.4  | 752.3  | 713.0  | 681.3  | 673.9  |
| 42.5°  | 850.2  | 755.9  | 686.5  | 639.3  | 607.9  | 586.2  | 576.8  |
| 45°    | 683.2  | 602.1  | 544.8  | 508.5  | 484.4  | 468.6  | 461.5  |
| 47.5°  | 546.4  | 483.6  | 441.9  | 415.1  | 396.6  | 382.9  | 379.1  |
| 50°    | 471.4  | 421.2  | 385.9  | 363.3  | 349.4  | 338.8  | 334.5  |
| 52.5°  | 409.4  | 368.9  | 341.8  | 323.2  | 310.0  | 303.4  | 299.8  |
| 55°    | 337.9  | 302.9  | 283.4  | 268.5  | 261.1  | 255.8  | 253.3  |
| 57.5°  | 276.3  | 251.0  | 236.8  | 226.5  | 219.6  | 216.3  | 215.1  |
| 60°    | 241.9  | 222.1  | 209.0  | 201.0  | 196.3  | 192.0  | 190.8  |
| 62.5°  | 211.4  | 195.8  | 185.7  | 178.7  | 174.1  | 172.2  | 171.5  |
| 65°    | 170.3  | 160.1  | 152.7  | 148.4  | 144.6  | 144.0  | 143.7  |
| 67.5°  | 135.4  | 129.4  | 125.5  | 121.0  | 119.7  | 117.5  | 117.1  |
| 70°    | 115.9  | 111.8  | 107.1  | 105.6  | 104.0  | 101.9  | 102.2  |
| 72.5°  | 98.2   | 94.2   | 91.1   | 89.0   | 88.5   | 87.6   | 88.3   |
| 75°    | 71.8   | 70.6   | 69.4   | 67.8   | 67.2   | 67.2   | 66.9   |
| 77.5°  | 51.3   | 50.2   | 48.8   | 47.9   | 47.8   | 46.5   | 47.0   |
| 80°    | 37.2   | 35.6   | 35.0   | 35.3   | 34.4   | 34.1   | 34.1   |
| 82.5°  | 27.5   | 26.9   | 26.3   | 26.4   | 26.2   | 25.9   | 26.2   |
| 85°    | 15.2   | 14.8   | 14.8   | 14.6   | 14.6   | 14.3   | 14.3   |
| 87.5°  | 6.8    | 7.2    | 6.8    | 6.6    | 6.6    | 6.9    | 7.3    |
| 90°    | 7.2    | 7.6    | 7.9    | 8.2    | 8.4    | 8.6    | 8.9    |
| 92.5°  | 15.8   | 16.4   | 16.7   | 16.9   | 17.0   | 17.3   | 17.4   |
| 95°    | 30.2   | 30.7   | 31.1   | 31.3   | 31.5   | 31.6   | 31.8   |
| 97.5°  | 47.0   | 47.5   | 47.8   | 47.9   | 48.0   | 48.1   | 48.2   |
| 100°   | 58.8   | 59.5   | 59.9   | 60.1   | 60.3   | 60.4   | 60.6   |
| 102.5° | 70.8   | 71.6   | 72.1   | 72.3   | 72.6   | 72.8   | 73.1   |
| 105°   | 89.8   | 90.3   | 90.7   | 90.9   | 91.2   | 91.4   | 91.6   |
| 107.5° | 110.4  | 110.6  | 110.8  | 110.8  | 110.7  | 110.7  | 110.7  |
| 110°   | 124.9  | 125.1  | 125.2  | 125.1  | 125.1  | 125.0  | 124.9  |



TEST NUMBER: P333661-930

CATALOG NUMBER: S125RDIW-S610D470U930-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 330°  | 335°  | 340°  | 345°  | 350°  | 355°  | 360°  |
|--------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 139.3 | 139.4 | 139.4 | 139.3 | 139.1 | 138.9 | 138.8 |
| 115°   | 161.3 | 161.2 | 161.1 | 161.0 | 160.9 | 160.9 | 160.8 |
| 117.5° | 183.5 | 183.6 | 183.5 | 183.2 | 182.9 | 182.5 | 182.1 |
| 120°   | 198.4 | 198.4 | 198.3 | 198.0 | 197.6 | 197.3 | 197.0 |
| 122.5° | 213.0 | 213.0 | 212.8 | 212.5 | 212.3 | 212.0 | 211.7 |
| 125°   | 234.6 | 234.4 | 234.2 | 234.2 | 234.1 | 234.0 | 233.9 |
| 127.5° | 256.1 | 256.0 | 255.8 | 255.7 | 255.5 | 255.4 | 255.2 |
| 130°   | 270.3 | 270.2 | 270.0 | 269.9 | 269.7 | 269.5 | 269.4 |
| 132.5° | 283.8 | 283.7 | 283.6 | 283.4 | 283.2 | 282.9 | 282.7 |
| 135°   | 304.8 | 304.8 | 304.7 | 304.4 | 304.0 | 303.7 | 303.4 |
| 137.5° | 325.3 | 325.5 | 325.3 | 324.9 | 324.5 | 324.0 | 323.6 |
| 140°   | 338.3 | 338.4 | 338.3 | 337.9 | 337.5 | 337.0 | 336.6 |
| 142.5° | 350.7 | 350.8 | 350.7 | 350.3 | 349.8 | 349.4 | 349.0 |
| 145°   | 368.8 | 368.8 | 368.7 | 368.4 | 368.2 | 367.9 | 367.7 |
| 147.5° | 385.8 | 386.0 | 385.8 | 385.2 | 384.7 | 384.1 | 383.6 |
| 150°   | 396.2 | 396.2 | 396.1 | 395.9 | 395.7 | 395.6 | 395.4 |
| 152.5° | 406.2 | 406.3 | 406.3 | 406.0 | 405.8 | 405.4 | 405.1 |
| 155°   | 420.4 | 420.7 | 420.7 | 420.3 | 419.9 | 419.5 | 419.1 |
| 157.5° | 432.6 | 432.9 | 432.8 | 432.3 | 431.7 | 431.2 | 430.6 |
| 160°   | 440.0 | 440.3 | 440.3 | 439.9 | 439.4 | 439.0 | 438.6 |
| 162.5° | 446.9 | 447.4 | 447.4 | 446.9 | 446.4 | 445.9 | 445.4 |
| 165°   | 456.2 | 456.6 | 456.5 | 456.0 | 455.5 | 455.0 | 454.5 |
| 167.5° | 463.3 | 463.8 | 463.8 | 463.3 | 462.8 | 462.3 | 461.8 |
| 170°   | 467.4 | 468.0 | 467.9 | 467.3 | 466.8 | 466.2 | 465.6 |
| 172.5° | 470.4 | 470.9 | 470.9 | 470.3 | 469.9 | 469.4 | 468.9 |
| 175°   | 473.8 | 474.3 | 474.2 | 473.6 | 473.0 | 472.5 | 471.9 |
| 177.5° | 475.2 | 475.6 | 475.5 | 475.1 | 474.6 | 474.1 | 473.7 |
| 180°   | 474.8 | 474.8 | 474.8 | 474.8 | 474.8 | 474.8 | 474.8 |

(END OF REPORT)