

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: P333677-840

Luminaire Tested: **S125RDIW-S610D1560U840-4F0-1E-UDD-A1**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P333677-840  
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-S610D1560U840-4F0-1E-UDD-A1  
Description: DEFINE 5 DIRECT-INDIRECT WALL MOUNT LED LUMINAIRE  
DOWNLIGHT 610 LUMENS PER FOOT, ASYMMETRIC DIFFUSER, REGRESSED HOUSING  
UPLIGHT 1560 LUMENS PER FOOT, FLUSH SATIN WHITE DIFFUSER  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 7886.6 lumens  
Efficiency: N/A  
Efficacy: 130.1 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: Semi-Indirect

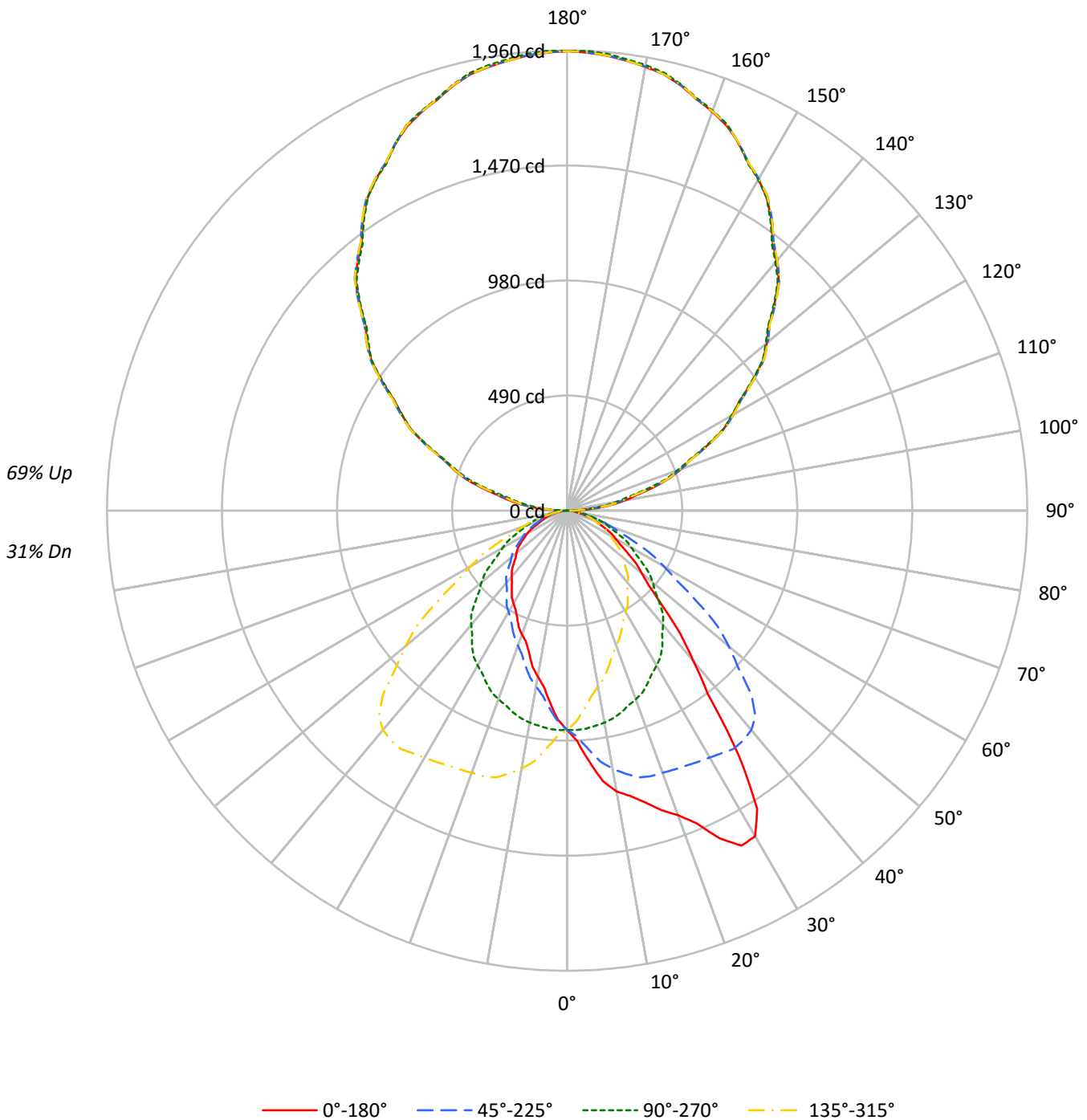
Input Watts (W): 60.6  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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### Luminous Intensity Polar Plot





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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   | 103 | 103 | 103 | 103 | 92 | 92 | 92 | 92 | 73 | 73 | 73 | 55 | 55 | 55 | 38 | 38 | 38 | 31 |
| 1   | 94  | 90  | 86  | 83  | 84 | 81 | 78 | 75 | 64 | 62 | 60 | 49 | 47 | 46 | 34 | 34 | 33 | 26 |
| 2   | 86  | 79  | 73  | 68  | 77 | 71 | 66 | 62 | 56 | 53 | 50 | 43 | 41 | 39 | 31 | 29 | 28 | 23 |
| 3   | 78  | 69  | 62  | 57  | 70 | 62 | 57 | 52 | 50 | 46 | 42 | 38 | 35 | 33 | 27 | 26 | 24 | 19 |
| 4   | 71  | 61  | 54  | 48  | 64 | 55 | 49 | 44 | 44 | 40 | 36 | 34 | 31 | 28 | 24 | 22 | 21 | 17 |
| 5   | 66  | 54  | 47  | 41  | 59 | 49 | 43 | 38 | 40 | 35 | 31 | 31 | 27 | 25 | 22 | 20 | 18 | 15 |
| 6   | 60  | 49  | 41  | 35  | 54 | 44 | 38 | 33 | 36 | 31 | 27 | 28 | 24 | 22 | 20 | 18 | 16 | 13 |
| 7   | 56  | 44  | 36  | 31  | 50 | 40 | 33 | 29 | 32 | 27 | 24 | 25 | 22 | 19 | 18 | 16 | 14 | 12 |
| 8   | 52  | 40  | 32  | 27  | 46 | 36 | 30 | 25 | 29 | 24 | 21 | 23 | 19 | 17 | 17 | 15 | 13 | 10 |
| 9   | 48  | 36  | 29  | 24  | 43 | 33 | 27 | 22 | 27 | 22 | 19 | 21 | 18 | 15 | 15 | 13 | 12 | 9  |
| 10  | 45  | 33  | 26  | 22  | 40 | 30 | 24 | 20 | 25 | 20 | 17 | 19 | 16 | 14 | 14 | 12 | 11 | 8  |

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

|     | 0°    | 90°  | 180° | 270° |
|-----|-------|------|------|------|
| 0°  | 6035  | 6035 | 6035 | 6035 |
| 5°  | 6944  | 6043 | 5337 | 6043 |
| 10° | 7965  | 6013 | 4709 | 6013 |
| 15° | 8603  | 5951 | 4186 | 5951 |
| 20° | 9487  | 5880 | 3865 | 5880 |
| 25° | 10979 | 5784 | 3587 | 5784 |
| 30° | 11946 | 5684 | 3404 | 5684 |
| 35° | 10078 | 5568 | 3236 | 5568 |
| 40° | 7038  | 5359 | 3092 | 5359 |
| 45° | 5221  | 5076 | 2951 | 5076 |
| 50° | 4163  | 4784 | 2829 | 4784 |
| 55° | 3533  | 4418 | 2721 | 4418 |
| 60° | 3052  | 4093 | 2547 | 4093 |
| 65° | 2720  | 3741 | 2193 | 3741 |
| 70° | 2391  | 3427 | 1998 | 3427 |
| 75° | 2069  | 2969 | 1876 | 2969 |
| 80° | 1570  | 2499 | 1570 | 2499 |
| 85° | 1312  | 1964 | 1482 | 1964 |



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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 89.6   | 1.1       |
| 10°-20°   | 262.6  | 3.3       |
| 20°-30°   | 416.4  | 5.3       |
| 30°-40°   | 502.1  | 6.4       |
| 40°-50°   | 448.4  | 5.7       |
| 50°-60°   | 343.9  | 4.4       |
| 60°-70°   | 223.5  | 2.8       |
| 70°-80°   | 108.6  | 1.4       |
| 80°-90°   | 30.2   | 0.4       |
| 90°-100°  | 131.1  | 1.7       |
| 100°-110° | 387.1  | 4.9       |
| 110°-120° | 655.6  | 8.3       |
| 120°-130° | 862.9  | 10.9      |
| 130°-140° | 966.8  | 12.3      |
| 140°-150° | 947.6  | 12.0      |
| 150°-160° | 795.9  | 10.1      |
| 160°-170° | 529.1  | 6.7       |
| 170°-180° | 185.2  | 2.3       |
| 0°-30°    | 768.6  | 9.7       |
| 0°-40°    | 1270.8 | 16.1      |
| 0°-60°    | 2063.1 | 26.2      |
| 0°-90°    | 2425.4 | 30.8      |
| 90°-120°  | 1173.8 | 14.9      |
| 90°-150°  | 3951.1 | 50.1      |
| 90°-180°  | 5461.0 | 69.2      |
| 0°-180°   | 7886.6 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°   | 90°  | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0°   | 934  | 934  | 934  | 934  | 934  |      |
| 5°   | 1071 | 932  | 823  | 932  | 1071 | 107  |
| 15°  | 1287 | 890  | 626  | 890  | 1287 | 369  |
| 25°  | 1541 | 812  | 503  | 812  | 1541 | 707  |
| 35°  | 1278 | 706  | 410  | 706  | 1278 | 772  |
| 45°  | 572  | 556  | 323  | 556  | 572  | 456  |
| 55°  | 314  | 392  | 242  | 392  | 314  | 285  |
| 65°  | 178  | 245  | 144  | 245  | 178  | 177  |
| 75°  | 83   | 119  | 75   | 119  | 83   | 88   |
| 85°  | 18   | 26   | 20   | 26   | 18   | 21   |
| 90°  | 37   | 2    | 37   | 2    | 37   | 22   |
| 95°  | 131  | 99   | 131  | 99   | 131  | 133  |
| 105° | 378  | 347  | 378  | 347  | 378  | 400  |
| 115° | 663  | 656  | 663  | 656  | 663  | 655  |
| 125° | 964  | 958  | 964  | 958  | 964  | 861  |
| 135° | 1250 | 1246 | 1250 | 1246 | 1250 | 965  |
| 145° | 1515 | 1509 | 1515 | 1509 | 1515 | 946  |
| 155° | 1727 | 1727 | 1727 | 1727 | 1727 | 795  |
| 165° | 1873 | 1878 | 1873 | 1878 | 1873 | 528  |
| 175° | 1945 | 1953 | 1945 | 1953 | 1945 | 185  |
| 180° | 1957 | 1957 | 1957 | 1957 | 1957 |      |



TEST NUMBER: P333677-840

CATALOG NUMBER: S125RDIW-S610D1560U840-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 25°    | 30°    | 35°    | 40°    | 45°    | 50°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 934.5  | 934.5  | 934.5  | 934.5  | 934.5  | 934.5  | 934.5  | 934.5  | 934.5  | 934.5  | 934.5  |
| 2.5°   | 983.0  | 982.4  | 983.6  | 980.2  | 980.6  | 975.3  | 975.3  | 971.3  | 966.1  | 962.1  | 960.3  |
| 5°     | 1071.1 | 1071.9 | 1070.3 | 1064.5 | 1060.7 | 1054.9 | 1048.4 | 1036.9 | 1027.3 | 1018.1 | 1010.9 |
| 7.5°   | 1161.7 | 1162.3 | 1157.2 | 1155.5 | 1145.8 | 1138.7 | 1124.3 | 1108.6 | 1094.7 | 1077.0 | 1063.6 |
| 10°    | 1214.6 | 1214.2 | 1208.8 | 1204.6 | 1196.1 | 1185.4 | 1171.1 | 1152.8 | 1135.5 | 1116.3 | 1097.9 |
| 12.5°  | 1245.3 | 1244.3 | 1242.5 | 1237.4 | 1229.6 | 1220.0 | 1208.0 | 1189.9 | 1168.6 | 1147.6 | 1126.2 |
| 15°    | 1286.7 | 1283.9 | 1279.0 | 1272.4 | 1261.3 | 1250.2 | 1236.8 | 1220.7 | 1200.3 | 1176.6 | 1156.6 |
| 17.5°  | 1337.9 | 1338.0 | 1330.3 | 1321.3 | 1306.2 | 1286.5 | 1265.8 | 1239.8 | 1212.1 | 1186.0 | 1164.8 |
| 20°    | 1380.3 | 1379.1 | 1371.4 | 1353.8 | 1336.6 | 1312.0 | 1288.2 | 1256.4 | 1222.6 | 1188.4 | 1162.0 |
| 22.5°  | 1441.0 | 1438.0 | 1430.1 | 1406.8 | 1380.1 | 1348.5 | 1312.1 | 1273.2 | 1232.4 | 1193.7 | 1158.9 |
| 25°    | 1540.7 | 1538.3 | 1522.6 | 1495.7 | 1458.1 | 1409.4 | 1361.8 | 1308.5 | 1249.8 | 1198.8 | 1156.6 |
| 27.5°  | 1608.7 | 1606.2 | 1594.6 | 1572.3 | 1537.5 | 1486.3 | 1421.9 | 1350.7 | 1277.4 | 1207.2 | 1146.3 |
| 30°    | 1601.9 | 1607.7 | 1606.2 | 1595.9 | 1569.7 | 1523.7 | 1464.3 | 1384.1 | 1297.0 | 1214.6 | 1142.1 |
| 32.5°  | 1505.6 | 1510.8 | 1524.3 | 1544.6 | 1546.1 | 1527.7 | 1483.3 | 1409.3 | 1319.1 | 1225.3 | 1138.6 |
| 35°    | 1278.2 | 1285.2 | 1311.2 | 1352.2 | 1405.9 | 1450.9 | 1460.1 | 1420.2 | 1339.2 | 1238.3 | 1133.6 |
| 37.5°  | 982.7  | 1020.5 | 1042.4 | 1085.6 | 1166.7 | 1249.3 | 1328.7 | 1358.0 | 1323.5 | 1232.9 | 1125.4 |
| 40°    | 834.8  | 843.9  | 883.1  | 931.8  | 1000.1 | 1086.0 | 1199.2 | 1280.9 | 1283.5 | 1220.7 | 1112.5 |
| 42.5°  | 714.5  | 726.1  | 753.0  | 791.8  | 850.3  | 936.2  | 1053.1 | 1160.9 | 1210.8 | 1186.9 | 1095.6 |
| 45°    | 571.6  | 580.4  | 600.0  | 629.9  | 674.8  | 745.8  | 846.3  | 971.0  | 1070.0 | 1108.6 | 1050.4 |
| 47.5°  | 469.6  | 474.3  | 491.3  | 514.1  | 547.3  | 599.1  | 676.8  | 785.1  | 903.8  | 987.0  | 978.9  |
| 50°    | 414.3  | 419.7  | 432.7  | 450.0  | 478.0  | 521.7  | 583.9  | 674.0  | 796.4  | 898.1  | 918.4  |
| 52.5°  | 371.3  | 375.8  | 384.0  | 400.3  | 423.3  | 457.0  | 507.2  | 588.8  | 698.8  | 806.9  | 853.9  |
| 55°    | 313.8  | 316.9  | 323.4  | 332.5  | 351.0  | 375.2  | 418.5  | 474.9  | 563.9  | 672.9  | 741.9  |
| 57.5°  | 266.4  | 267.9  | 272.1  | 280.5  | 293.3  | 310.9  | 342.2  | 390.1  | 453.9  | 552.0  | 628.2  |
| 60°    | 236.3  | 237.8  | 243.2  | 248.9  | 258.9  | 275.1  | 299.6  | 333.0  | 394.4  | 475.3  | 552.4  |
| 62.5°  | 212.4  | 213.3  | 215.6  | 221.4  | 230.0  | 242.6  | 261.9  | 289.1  | 337.9  | 409.0  | 481.8  |
| 65°    | 178.0  | 178.3  | 179.2  | 183.8  | 189.1  | 198.3  | 211.0  | 230.1  | 267.0  | 320.7  | 385.2  |
| 67.5°  | 145.0  | 145.5  | 148.2  | 149.9  | 155.4  | 160.3  | 167.7  | 182.4  | 208.3  | 244.5  | 294.6  |
| 70°    | 126.6  | 126.2  | 128.9  | 130.8  | 132.7  | 138.5  | 143.5  | 155.3  | 171.5  | 199.1  | 241.0  |
| 72.5°  | 109.4  | 108.5  | 109.6  | 110.3  | 112.8  | 116.7  | 121.7  | 129.0  | 141.4  | 160.5  | 192.4  |
| 75°    | 82.9   | 83.2   | 83.2   | 84.0   | 85.9   | 87.5   | 89.0   | 92.8   | 99.8   | 112.4  | 129.7  |
| 77.5°  | 58.2   | 57.6   | 59.2   | 59.4   | 60.5   | 62.2   | 63.5   | 65.0   | 67.9   | 73.1   | 82.0   |
| 80°    | 42.2   | 42.2   | 42.6   | 43.7   | 43.3   | 44.1   | 46.0   | 47.6   | 51.0   | 54.1   | 57.2   |
| 82.5°  | 32.4   | 32.1   | 32.4   | 32.7   | 32.6   | 33.3   | 34.0   | 34.3   | 35.6   | 37.2   | 39.4   |
| 85°    | 17.7   | 17.7   | 18.1   | 18.1   | 18.4   | 18.4   | 18.8   | 18.8   | 18.8   | 19.2   | 19.6   |
| 87.5°  | 14.0   | 13.5   | 13.0   | 12.8   | 12.9   | 13.3   | 12.6   | 12.0   | 11.6   | 11.3   | 11.1   |
| 90°    | 36.6   | 35.5   | 34.5   | 33.5   | 32.5   | 31.1   | 29.5   | 27.8   | 26.1   | 24.3   | 22.0   |
| 92.5°  | 71.9   | 71.1   | 70.4   | 69.7   | 68.9   | 67.5   | 65.1   | 62.9   | 60.7   | 58.5   | 55.5   |
| 95°    | 131.0  | 130.3  | 129.7  | 129.0  | 128.3  | 126.7  | 124.4  | 122.0  | 119.7  | 117.2  | 113.9  |
| 97.5°  | 198.6  | 198.2  | 197.8  | 197.4  | 197.0  | 195.6  | 193.4  | 191.2  | 188.9  | 186.7  | 182.1  |
| 100°   | 249.7  | 249.1  | 248.4  | 247.7  | 247.1  | 245.2  | 242.2  | 239.1  | 236.1  | 233.0  | 228.6  |
| 102.5° | 300.9  | 300.0  | 299.0  | 298.1  | 297.2  | 295.0  | 291.8  | 288.4  | 285.1  | 281.8  | 279.5  |
| 105°   | 377.7  | 376.7  | 375.7  | 374.7  | 373.7  | 372.1  | 370.1  | 368.1  | 366.1  | 364.1  | 361.9  |
| 107.5° | 456.3  | 456.4  | 456.5  | 456.5  | 456.6  | 456.1  | 455.0  | 454.0  | 453.0  | 452.0  | 450.5  |
| 110°   | 514.8  | 515.1  | 515.4  | 515.8  | 516.1  | 515.8  | 514.8  | 513.8  | 512.7  | 511.7  | 510.7  |



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CATALOG NUMBER: S125RDIW-S610D1560U840-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 25°    | 30°    | 35°    | 40°    | 45°    | 50°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 572.1  | 572.7  | 573.3  | 573.9  | 574.5  | 574.5  | 574.1  | 573.6  | 573.1  | 572.7  | 571.4  |
| 115°   | 662.6  | 662.9  | 663.2  | 663.6  | 663.9  | 664.2  | 664.6  | 664.9  | 665.2  | 665.6  | 664.9  |
| 117.5° | 750.8  | 752.2  | 753.6  | 754.9  | 756.3  | 756.8  | 756.6  | 756.3  | 756.0  | 755.8  | 755.1  |
| 120°   | 811.8  | 813.1  | 814.5  | 815.9  | 817.2  | 817.9  | 817.9  | 817.9  | 817.9  | 817.9  | 817.5  |
| 122.5° | 872.7  | 873.7  | 874.8  | 876.0  | 877.1  | 877.7  | 878.0  | 878.3  | 878.5  | 878.8  | 877.9  |
| 125°   | 964.1  | 964.4  | 964.7  | 965.1  | 965.4  | 965.9  | 966.6  | 967.3  | 968.0  | 968.7  | 968.4  |
| 127.5° | 1051.8 | 1052.5 | 1053.2 | 1053.8 | 1054.5 | 1055.0 | 1055.4 | 1055.7 | 1056.0 | 1056.4 | 1056.0 |
| 130°   | 1110.3 | 1111.0 | 1111.7 | 1112.4 | 1113.0 | 1113.5 | 1113.9 | 1114.2 | 1114.5 | 1114.9 | 1114.2 |
| 132.5° | 1165.1 | 1166.1 | 1167.0 | 1168.0 | 1168.9 | 1169.5 | 1169.9 | 1170.2 | 1170.5 | 1170.9 | 1171.0 |
| 135°   | 1250.4 | 1251.7 | 1253.1 | 1254.5 | 1255.9 | 1256.5 | 1256.5 | 1256.5 | 1256.5 | 1256.5 | 1256.2 |
| 137.5° | 1333.8 | 1335.5 | 1337.3 | 1339.0 | 1340.7 | 1341.3 | 1340.9 | 1340.5 | 1340.1 | 1339.7 | 1338.9 |
| 140°   | 1387.5 | 1389.2 | 1390.9 | 1392.6 | 1394.2 | 1394.7 | 1394.1 | 1393.4 | 1392.7 | 1392.1 | 1391.1 |
| 142.5° | 1438.7 | 1440.4 | 1442.1 | 1443.7 | 1445.4 | 1446.1 | 1445.6 | 1445.2 | 1444.8 | 1444.4 | 1443.2 |
| 145°   | 1515.4 | 1516.4 | 1517.4 | 1518.4 | 1519.4 | 1519.9 | 1519.9 | 1519.9 | 1519.9 | 1519.9 | 1518.9 |
| 147.5° | 1580.9 | 1583.3 | 1585.5 | 1587.8 | 1590.1 | 1590.8 | 1590.0 | 1589.2 | 1588.4 | 1587.6 | 1586.8 |
| 150°   | 1629.6 | 1630.3 | 1631.0 | 1631.6 | 1632.3 | 1632.7 | 1632.7 | 1632.7 | 1632.7 | 1632.7 | 1631.3 |
| 152.5° | 1669.9 | 1671.1 | 1672.3 | 1673.5 | 1674.8 | 1675.0 | 1674.2 | 1673.3 | 1672.5 | 1671.7 | 1671.1 |
| 155°   | 1727.2 | 1728.8 | 1730.5 | 1732.2 | 1733.9 | 1734.0 | 1732.7 | 1731.3 | 1730.0 | 1728.7 | 1728.3 |
| 157.5° | 1774.9 | 1777.2 | 1779.4 | 1781.6 | 1783.9 | 1784.3 | 1783.0 | 1781.6 | 1780.3 | 1778.9 | 1778.6 |
| 160°   | 1807.9 | 1809.6 | 1811.2 | 1812.9 | 1814.6 | 1814.8 | 1813.4 | 1812.1 | 1810.7 | 1809.4 | 1809.1 |
| 162.5° | 1835.8 | 1837.9 | 1839.8 | 1841.8 | 1843.7 | 1843.9 | 1842.3 | 1840.7 | 1839.1 | 1837.3 | 1837.3 |
| 165°   | 1873.3 | 1875.4 | 1877.4 | 1879.5 | 1881.5 | 1881.8 | 1880.5 | 1879.1 | 1877.7 | 1876.4 | 1876.0 |
| 167.5° | 1903.2 | 1905.3 | 1907.4 | 1909.5 | 1911.6 | 1911.6 | 1909.6 | 1907.5 | 1905.5 | 1903.5 | 1903.5 |
| 170°   | 1919.0 | 1921.4 | 1923.8 | 1926.1 | 1928.5 | 1928.6 | 1926.6 | 1924.6 | 1922.6 | 1920.6 | 1920.6 |
| 172.5° | 1932.5 | 1934.5 | 1936.6 | 1938.7 | 1940.9 | 1940.9 | 1938.8 | 1936.8 | 1934.8 | 1932.8 | 1932.8 |
| 175°   | 1944.9 | 1947.3 | 1949.6 | 1952.1 | 1954.4 | 1954.6 | 1952.6 | 1950.6 | 1948.4 | 1946.4 | 1946.4 |
| 177.5° | 1952.3 | 1954.1 | 1956.0 | 1957.9 | 1959.8 | 1959.9 | 1958.3 | 1956.7 | 1955.1 | 1953.5 | 1953.7 |
| 180°   | 1957.1 | 1957.1 | 1957.1 | 1957.1 | 1957.1 | 1957.1 | 1957.1 | 1957.1 | 1957.1 | 1957.1 | 1957.1 |



TEST NUMBER: P333677-840

CATALOG NUMBER: S125RDIW-S610D1560U840-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 55°    | 60°    | 65°    | 70°    | 75°   | 80°   | 85°   | 90°   | 95°   | 100°  | 105°  |
|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 934.5  | 934.5  | 934.5  | 934.5  | 934.5 | 934.5 | 934.5 | 934.5 | 934.5 | 934.5 | 934.5 |
| 2.5°   | 960.3  | 958.2  | 954.1  | 950.5  | 945.8 | 941.9 | 939.1 | 935.7 | 931.4 | 926.2 | 921.9 |
| 5°     | 1002.8 | 994.3  | 983.2  | 973.6  | 961.4 | 951.8 | 941.8 | 932.2 | 922.6 | 910.3 | 899.6 |
| 7.5°   | 1049.9 | 1032.5 | 1015.5 | 994.2  | 974.8 | 957.6 | 941.0 | 924.2 | 907.8 | 890.4 | 873.5 |
| 10°    | 1078.7 | 1057.6 | 1034.2 | 1007.3 | 982.8 | 959.5 | 938.0 | 916.9 | 894.6 | 875.0 | 853.9 |
| 12.5°  | 1105.7 | 1078.5 | 1051.8 | 1017.8 | 988.4 | 959.8 | 932.4 | 906.2 | 882.3 | 857.0 | 834.2 |
| 15°    | 1130.1 | 1103.3 | 1073.4 | 1032.0 | 990.9 | 956.3 | 924.1 | 890.0 | 860.5 | 832.0 | 806.8 |
| 17.5°  | 1139.5 | 1111.5 | 1076.6 | 1036.8 | 992.0 | 948.6 | 907.1 | 869.6 | 834.9 | 801.7 | 773.3 |
| 20°    | 1135.9 | 1108.6 | 1073.0 | 1035.0 | 987.0 | 941.8 | 896.9 | 855.5 | 816.7 | 781.8 | 751.5 |
| 22.5°  | 1127.0 | 1098.8 | 1064.4 | 1024.3 | 978.8 | 930.7 | 882.8 | 838.6 | 798.0 | 761.8 | 728.8 |
| 25°    | 1113.7 | 1075.3 | 1040.0 | 1000.9 | 957.6 | 910.0 | 860.5 | 811.7 | 768.4 | 731.5 | 695.5 |
| 27.5°  | 1099.7 | 1051.9 | 1007.0 | 968.1  | 922.3 | 879.9 | 832.1 | 782.2 | 736.6 | 699.1 | 662.2 |
| 30°    | 1087.2 | 1033.5 | 984.0  | 939.9  | 896.6 | 856.3 | 810.9 | 762.2 | 715.5 | 676.7 | 639.1 |
| 32.5°  | 1071.6 | 1014.4 | 960.1  | 909.2  | 867.4 | 827.4 | 786.4 | 739.8 | 694.3 | 654.3 | 616.1 |
| 35°    | 1051.9 | 979.0  | 919.9  | 865.9  | 819.4 | 780.6 | 743.9 | 706.2 | 660.6 | 619.1 | 582.0 |
| 37.5°  | 1026.1 | 943.4  | 875.0  | 816.1  | 767.2 | 728.2 | 699.2 | 664.8 | 623.2 | 583.5 | 549.0 |
| 40°    | 1010.5 | 917.7  | 842.8  | 784.5  | 733.1 | 692.1 | 664.8 | 635.6 | 597.6 | 560.5 | 525.9 |
| 42.5°  | 989.6  | 894.0  | 810.3  | 749.5  | 697.8 | 658.3 | 630.8 | 605.3 | 573.4 | 538.4 | 501.4 |
| 45°    | 948.7  | 848.2  | 760.3  | 695.1  | 643.0 | 604.2 | 578.5 | 555.8 | 531.7 | 499.5 | 467.3 |
| 47.5°  | 895.4  | 800.4  | 708.4  | 637.2  | 586.1 | 550.2 | 525.2 | 507.4 | 490.1 | 462.7 | 431.4 |
| 50°    | 852.8  | 761.1  | 671.4  | 602.3  | 547.9 | 513.6 | 490.3 | 476.1 | 460.3 | 435.5 | 409.3 |
| 52.5°  | 802.4  | 720.6  | 632.7  | 562.1  | 510.7 | 478.7 | 456.2 | 442.0 | 429.0 | 408.7 | 383.8 |
| 55°    | 723.2  | 651.4  | 570.8  | 506.8  | 459.6 | 427.4 | 405.9 | 392.4 | 384.8 | 367.5 | 347.9 |
| 57.5°  | 631.6  | 580.2  | 509.2  | 447.4  | 405.7 | 373.8 | 358.1 | 346.7 | 338.0 | 325.8 | 311.9 |
| 60°    | 567.7  | 531.7  | 468.0  | 409.3  | 370.9 | 340.6 | 326.5 | 316.9 | 308.8 | 298.4 | 287.7 |
| 62.5°  | 503.0  | 476.8  | 421.4  | 370.9  | 335.7 | 310.2 | 297.0 | 288.3 | 279.0 | 272.1 | 261.7 |
| 65°    | 416.3  | 392.8  | 354.5  | 315.0  | 282.4 | 262.1 | 252.5 | 244.8 | 239.0 | 231.4 | 224.0 |
| 67.5°  | 323.8  | 314.3  | 287.8  | 260.5  | 237.1 | 219.0 | 210.8 | 205.4 | 198.4 | 193.9 | 188.8 |
| 70°    | 267.0  | 262.4  | 243.6  | 225.6  | 203.7 | 191.5 | 183.8 | 181.5 | 173.0 | 168.4 | 164.9 |
| 72.5°  | 216.7  | 214.5  | 203.7  | 191.2  | 175.8 | 165.0 | 157.9 | 155.3 | 150.0 | 146.3 | 144.1 |
| 75°    | 148.5  | 149.3  | 147.3  | 139.3  | 133.5 | 126.6 | 120.5 | 119.0 | 115.1 | 112.0 | 110.1 |
| 77.5°  | 93.9   | 97.9   | 98.0   | 97.6   | 95.3  | 91.1  | 88.6  | 87.4  | 83.6  | 82.5  | 82.0  |
| 80°    | 64.4   | 68.7   | 72.5   | 72.1   | 71.4  | 70.2  | 68.3  | 67.2  | 65.2  | 64.0  | 63.3  |
| 82.5°  | 42.9   | 46.9   | 50.1   | 52.2   | 52.0  | 50.9  | 49.6  | 49.0  | 48.7  | 47.8  | 47.7  |
| 85°    | 20.3   | 21.1   | 22.2   | 24.9   | 26.9  | 27.3  | 26.9  | 26.5  | 25.3  | 25.8  | 26.1  |
| 87.5°  | 11.0   | 10.5   | 10.3   | 9.8    | 9.0   | 10.0  | 10.4  | 10.1  | 10.1  | 10.0  | 9.9   |
| 90°    | 19.6   | 17.3   | 14.8   | 12.3   | 9.7   | 7.0   | 4.2   | 1.5   | 4.2   | 7.0   | 9.7   |
| 92.5°  | 52.6   | 49.8   | 46.9   | 44.4   | 42.5  | 40.7  | 38.8  | 36.9  | 38.8  | 40.7  | 42.5  |
| 95°    | 110.5  | 107.1  | 103.7  | 101.7  | 101.0 | 100.4 | 99.7  | 99.0  | 99.7  | 100.4 | 101.0 |
| 97.5°  | 177.4  | 172.7  | 168.0  | 165.6  | 165.3 | 165.0 | 164.7 | 164.5 | 164.7 | 165.0 | 165.3 |
| 100°   | 224.2  | 219.8  | 215.4  | 213.2  | 213.2 | 213.2 | 213.2 | 213.2 | 213.2 | 213.2 | 213.2 |
| 102.5° | 277.3  | 275.1  | 272.9  | 271.0  | 269.6 | 268.3 | 267.0 | 265.6 | 267.0 | 268.3 | 269.6 |
| 105°   | 359.9  | 357.9  | 355.9  | 354.1  | 352.3 | 350.6 | 348.9 | 347.3 | 348.9 | 350.6 | 352.3 |
| 107.5° | 448.9  | 447.4  | 445.9  | 444.1  | 442.5 | 440.8 | 439.1 | 437.4 | 439.1 | 440.8 | 442.5 |
| 110°   | 509.7  | 508.7  | 507.7  | 506.3  | 504.6 | 502.9 | 501.3 | 499.6 | 501.3 | 502.9 | 504.6 |





TEST NUMBER: P333677-840

CATALOG NUMBER: S125RDIW-S610D1560U840-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 55°    | 60°    | 65°    | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    | 100°   | 105°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 570.1  | 568.8  | 567.5  | 566.4  | 565.5  | 564.7  | 563.8  | 562.9  | 563.8  | 564.7  | 565.5  |
| 115°   | 664.2  | 663.6  | 662.9  | 661.9  | 660.5  | 659.1  | 657.8  | 656.4  | 657.8  | 659.1  | 660.5  |
| 117.5° | 754.5  | 753.9  | 753.3  | 752.7  | 752.0  | 751.4  | 750.8  | 750.2  | 750.8  | 751.4  | 752.0  |
| 120°   | 817.2  | 816.9  | 816.5  | 815.5  | 813.9  | 812.1  | 810.4  | 808.7  | 810.4  | 812.1  | 813.9  |
| 122.5° | 877.1  | 876.2  | 875.3  | 874.5  | 873.9  | 873.3  | 872.7  | 872.1  | 872.7  | 873.3  | 873.9  |
| 125°   | 968.0  | 967.7  | 967.3  | 966.1  | 964.1  | 962.1  | 960.0  | 958.0  | 960.0  | 962.1  | 964.1  |
| 127.5° | 1055.6 | 1055.2 | 1054.8 | 1054.0 | 1052.8 | 1051.7 | 1050.6 | 1049.4 | 1050.6 | 1051.7 | 1052.8 |
| 130°   | 1113.5 | 1112.9 | 1112.2 | 1111.0 | 1109.2 | 1107.6 | 1105.9 | 1104.2 | 1105.9 | 1107.6 | 1109.2 |
| 132.5° | 1171.1 | 1171.3 | 1171.4 | 1170.1 | 1167.4 | 1164.6 | 1161.8 | 1159.0 | 1161.8 | 1164.6 | 1167.4 |
| 135°   | 1255.9 | 1255.5 | 1255.2 | 1253.9 | 1251.9 | 1249.9 | 1247.9 | 1245.9 | 1247.9 | 1249.9 | 1251.9 |
| 137.5° | 1338.2 | 1337.5 | 1336.7 | 1335.3 | 1333.3 | 1331.4 | 1329.5 | 1327.5 | 1329.5 | 1331.4 | 1333.3 |
| 140°   | 1390.1 | 1389.0 | 1388.0 | 1386.6 | 1384.9 | 1383.2 | 1381.6 | 1379.9 | 1381.6 | 1383.2 | 1384.9 |
| 142.5° | 1441.9 | 1440.6 | 1439.3 | 1437.9 | 1436.5 | 1435.1 | 1433.7 | 1432.3 | 1433.7 | 1435.1 | 1436.5 |
| 145°   | 1517.9 | 1516.9 | 1515.9 | 1514.8 | 1513.4 | 1512.1 | 1510.7 | 1509.3 | 1510.7 | 1512.1 | 1513.4 |
| 147.5° | 1586.0 | 1585.2 | 1584.4 | 1583.6 | 1582.9 | 1582.1 | 1581.3 | 1580.6 | 1581.3 | 1582.1 | 1582.9 |
| 150°   | 1630.0 | 1628.6 | 1627.3 | 1626.8 | 1627.1 | 1627.5 | 1627.8 | 1628.1 | 1627.8 | 1627.5 | 1627.1 |
| 152.5° | 1670.6 | 1670.1 | 1669.5 | 1669.0 | 1668.5 | 1668.1 | 1667.6 | 1667.1 | 1667.6 | 1668.1 | 1668.5 |
| 155°   | 1728.0 | 1727.7 | 1727.3 | 1727.2 | 1727.2 | 1727.2 | 1727.2 | 1727.2 | 1727.2 | 1727.2 | 1727.2 |
| 157.5° | 1778.3 | 1777.9 | 1777.6 | 1777.8 | 1778.5 | 1779.3 | 1780.0 | 1780.7 | 1780.0 | 1779.3 | 1778.5 |
| 160°   | 1808.7 | 1808.4 | 1808.1 | 1808.4 | 1809.4 | 1810.4 | 1811.4 | 1812.4 | 1811.4 | 1810.4 | 1809.4 |
| 162.5° | 1837.2 | 1837.1 | 1837.1 | 1837.4 | 1838.3 | 1839.0 | 1839.7 | 1840.5 | 1839.7 | 1839.0 | 1838.3 |
| 165°   | 1875.7 | 1875.4 | 1875.0 | 1875.2 | 1875.9 | 1876.5 | 1877.2 | 1877.9 | 1877.2 | 1876.5 | 1875.9 |
| 167.5° | 1903.5 | 1903.5 | 1903.5 | 1904.2 | 1905.5 | 1906.9 | 1908.2 | 1909.6 | 1908.2 | 1906.9 | 1905.5 |
| 170°   | 1920.6 | 1920.6 | 1920.6 | 1921.3 | 1922.6 | 1923.9 | 1925.3 | 1926.6 | 1925.3 | 1923.9 | 1922.6 |
| 172.5° | 1932.8 | 1932.8 | 1932.8 | 1933.4 | 1934.8 | 1936.1 | 1937.5 | 1938.8 | 1937.5 | 1936.1 | 1934.8 |
| 175°   | 1946.4 | 1946.4 | 1946.4 | 1947.1 | 1948.4 | 1949.8 | 1951.2 | 1952.6 | 1951.2 | 1949.8 | 1948.4 |
| 177.5° | 1954.0 | 1954.3 | 1954.5 | 1955.2 | 1956.3 | 1957.4 | 1958.4 | 1959.5 | 1958.4 | 1957.4 | 1956.3 |
| 180°   | 1957.1 | 1957.1 | 1957.1 | 1957.1 | 1957.1 | 1957.1 | 1957.1 | 1957.1 | 1957.1 | 1957.1 | 1957.1 |



TEST NUMBER: P333677-840

CATALOG NUMBER: S125RDIW-S610D1560U840-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 110°  | 115°  | 120°  | 125°  | 130°  | 135°  | 140°  | 145°  | 150°  | 155°  | 160°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 934.5 | 934.5 | 934.5 | 934.5 | 934.5 | 934.5 | 934.5 | 934.5 | 934.5 | 934.5 | 934.5 |
| 2.5°   | 918.9 | 914.5 | 911.5 | 905.3 | 901.0 | 899.2 | 895.9 | 894.9 | 898.3 | 895.9 | 895.5 |
| 5°     | 891.5 | 880.4 | 871.6 | 862.7 | 853.1 | 847.1 | 837.8 | 836.3 | 833.9 | 830.5 | 829.8 |
| 7.5°   | 858.8 | 844.2 | 832.9 | 818.3 | 805.7 | 795.5 | 784.0 | 778.5 | 775.5 | 771.0 | 765.1 |
| 10°    | 836.7 | 819.4 | 804.1 | 789.5 | 773.8 | 761.1 | 749.6 | 740.7 | 735.0 | 729.6 | 727.3 |
| 12.5°  | 814.9 | 797.3 | 777.7 | 760.0 | 742.5 | 728.2 | 715.5 | 709.7 | 703.4 | 697.1 | 691.8 |
| 15°    | 781.0 | 757.6 | 736.2 | 715.8 | 700.8 | 685.5 | 673.3 | 664.8 | 655.2 | 652.6 | 642.2 |
| 17.5°  | 745.2 | 722.2 | 697.0 | 675.6 | 658.3 | 641.4 | 627.9 | 618.3 | 611.1 | 601.2 | 596.4 |
| 20°    | 722.8 | 695.5 | 671.0 | 651.4 | 632.2 | 612.3 | 598.4 | 590.4 | 583.5 | 575.4 | 571.6 |
| 22.5°  | 698.8 | 672.2 | 647.0 | 624.1 | 604.6 | 584.9 | 575.1 | 566.7 | 559.0 | 551.5 | 546.4 |
| 25°    | 663.7 | 636.8 | 610.4 | 586.5 | 566.2 | 552.0 | 540.5 | 530.9 | 526.7 | 519.4 | 514.0 |
| 27.5°  | 628.9 | 600.4 | 572.9 | 549.2 | 533.2 | 519.2 | 509.8 | 502.2 | 494.5 | 488.2 | 483.5 |
| 30°    | 606.5 | 577.3 | 547.4 | 528.7 | 511.7 | 498.4 | 488.0 | 480.7 | 474.9 | 469.2 | 465.7 |
| 32.5°  | 584.1 | 554.0 | 527.5 | 507.2 | 491.2 | 479.6 | 469.0 | 461.9 | 455.9 | 449.5 | 445.5 |
| 35°    | 548.2 | 517.5 | 496.0 | 476.1 | 460.3 | 449.6 | 442.3 | 432.3 | 427.4 | 422.7 | 418.5 |
| 37.5°  | 514.8 | 486.3 | 463.0 | 445.6 | 431.9 | 421.2 | 411.8 | 406.4 | 400.3 | 396.2 | 392.6 |
| 40°    | 490.3 | 464.1 | 443.1 | 424.6 | 414.7 | 402.8 | 393.9 | 387.1 | 382.4 | 377.1 | 373.2 |
| 42.5°  | 468.2 | 443.9 | 423.4 | 406.9 | 394.5 | 384.4 | 375.9 | 369.0 | 363.1 | 359.3 | 356.1 |
| 45°    | 437.0 | 412.7 | 392.8 | 377.5 | 366.0 | 356.4 | 347.6 | 344.1 | 336.4 | 331.8 | 330.3 |
| 47.5°  | 404.7 | 383.0 | 363.8 | 349.6 | 337.8 | 328.7 | 320.4 | 313.5 | 309.2 | 304.7 | 302.3 |
| 50°    | 382.8 | 362.1 | 344.1 | 330.3 | 318.8 | 308.8 | 301.1 | 296.5 | 290.7 | 286.6 | 283.5 |
| 52.5°  | 361.0 | 341.8 | 323.9 | 310.6 | 300.6 | 290.7 | 282.2 | 277.5 | 272.1 | 269.3 | 267.2 |
| 55°    | 329.9 | 309.6 | 294.3 | 281.1 | 270.8 | 261.7 | 253.6 | 248.9 | 245.5 | 242.9 | 242.1 |
| 57.5°  | 294.6 | 278.5 | 264.3 | 252.5 | 241.8 | 233.1 | 226.0 | 221.7 | 218.6 | 218.2 | 215.9 |
| 60°    | 271.6 | 257.0 | 244.0 | 231.4 | 222.1 | 214.1 | 207.9 | 203.0 | 199.9 | 199.4 | 198.7 |
| 62.5°  | 248.6 | 234.6 | 222.5 | 211.4 | 203.1 | 195.3 | 189.6 | 183.9 | 182.1 | 180.2 | 178.4 |
| 65°    | 214.4 | 201.8 | 191.8 | 183.0 | 174.2 | 167.6 | 161.9 | 158.4 | 154.2 | 151.9 | 147.7 |
| 67.5°  | 180.9 | 171.1 | 161.5 | 154.1 | 147.1 | 141.0 | 136.2 | 131.1 | 128.3 | 126.3 | 123.3 |
| 70°    | 158.9 | 151.2 | 141.6 | 133.5 | 128.2 | 123.1 | 119.3 | 113.5 | 111.6 | 110.1 | 108.6 |
| 72.5°  | 137.9 | 131.2 | 123.1 | 116.6 | 111.3 | 106.5 | 102.1 | 99.5  | 97.6  | 95.9  | 95.0  |
| 75°    | 108.6 | 102.0 | 95.1  | 90.5  | 86.7  | 82.9  | 80.6  | 78.7  | 77.9  | 77.5  | 75.9  |
| 77.5°  | 79.7  | 76.2  | 70.7  | 67.1  | 64.5  | 63.0  | 60.9  | 59.9  | 59.9  | 58.2  | 57.7  |
| 80°    | 61.0  | 59.1  | 54.4  | 52.9  | 51.0  | 49.5  | 48.4  | 46.5  | 44.5  | 43.7  | 42.6  |
| 82.5°  | 45.3  | 43.4  | 41.6  | 39.1  | 37.6  | 36.6  | 35.4  | 34.7  | 34.9  | 33.9  | 33.3  |
| 85°    | 24.1  | 22.2  | 21.5  | 21.1  | 20.3  | 21.1  | 20.7  | 20.3  | 20.0  | 19.6  | 20.0  |
| 87.5°  | 10.1  | 10.6  | 10.8  | 11.9  | 11.4  | 12.2  | 12.6  | 12.6  | 12.9  | 13.3  | 13.2  |
| 90°    | 12.3  | 14.8  | 17.3  | 19.6  | 22.0  | 24.3  | 26.1  | 27.8  | 29.5  | 31.1  | 32.5  |
| 92.5°  | 44.4  | 46.9  | 49.8  | 52.6  | 55.5  | 58.5  | 60.7  | 62.9  | 65.1  | 67.5  | 68.9  |
| 95°    | 101.7 | 103.7 | 107.1 | 110.5 | 113.9 | 117.2 | 119.7 | 122.0 | 124.4 | 126.7 | 128.3 |
| 97.5°  | 165.6 | 168.0 | 172.7 | 177.4 | 182.1 | 186.7 | 188.9 | 191.2 | 193.4 | 195.6 | 197.0 |
| 100°   | 213.2 | 215.4 | 219.8 | 224.2 | 228.6 | 233.0 | 236.1 | 239.1 | 242.2 | 245.2 | 247.1 |
| 102.5° | 271.0 | 272.9 | 275.1 | 277.3 | 279.5 | 281.8 | 285.1 | 288.4 | 291.8 | 295.0 | 297.2 |
| 105°   | 354.1 | 355.9 | 357.9 | 359.9 | 361.9 | 364.1 | 366.1 | 368.1 | 370.1 | 372.1 | 373.7 |
| 107.5° | 444.1 | 445.9 | 447.4 | 448.9 | 450.5 | 452.0 | 453.0 | 454.0 | 455.0 | 456.1 | 456.6 |
| 110°   | 506.3 | 507.7 | 508.7 | 509.7 | 510.7 | 511.7 | 512.7 | 513.8 | 514.8 | 515.8 | 516.1 |



TEST NUMBER: P333677-840

CATALOG NUMBER: S125RDIW-S610D1560U840-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 110°   | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   | 150°   | 155°   | 160°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 566.4  | 567.5  | 568.8  | 570.1  | 571.4  | 572.7  | 573.1  | 573.6  | 574.1  | 574.5  | 574.5  |
| 115°   | 661.9  | 662.9  | 663.6  | 664.2  | 664.9  | 665.6  | 665.2  | 664.9  | 664.6  | 664.2  | 663.9  |
| 117.5° | 752.7  | 753.3  | 753.9  | 754.5  | 755.1  | 755.8  | 756.0  | 756.3  | 756.6  | 756.8  | 756.3  |
| 120°   | 815.5  | 816.5  | 816.9  | 817.2  | 817.5  | 817.9  | 817.9  | 817.9  | 817.9  | 817.9  | 817.2  |
| 122.5° | 874.5  | 875.3  | 876.2  | 877.1  | 877.9  | 878.8  | 878.5  | 878.3  | 878.0  | 877.7  | 877.1  |
| 125°   | 966.1  | 967.3  | 967.7  | 968.0  | 968.4  | 968.7  | 968.0  | 967.3  | 966.6  | 965.9  | 965.4  |
| 127.5° | 1054.0 | 1054.8 | 1055.2 | 1055.6 | 1056.0 | 1056.4 | 1056.0 | 1055.7 | 1055.4 | 1055.0 | 1054.5 |
| 130°   | 1111.0 | 1112.2 | 1112.9 | 1113.5 | 1114.2 | 1114.9 | 1114.5 | 1114.2 | 1113.9 | 1113.5 | 1113.0 |
| 132.5° | 1170.1 | 1171.4 | 1171.3 | 1171.1 | 1171.0 | 1170.9 | 1170.5 | 1170.2 | 1169.9 | 1169.5 | 1168.9 |
| 135°   | 1253.9 | 1255.2 | 1255.5 | 1255.9 | 1256.2 | 1256.5 | 1256.5 | 1256.5 | 1256.5 | 1256.5 | 1255.9 |
| 137.5° | 1335.3 | 1336.7 | 1337.5 | 1338.2 | 1338.9 | 1339.7 | 1340.1 | 1340.5 | 1340.9 | 1341.3 | 1340.7 |
| 140°   | 1386.6 | 1388.0 | 1389.0 | 1390.1 | 1391.1 | 1392.1 | 1392.7 | 1393.4 | 1394.1 | 1394.7 | 1394.2 |
| 142.5° | 1437.9 | 1439.3 | 1440.6 | 1441.9 | 1443.2 | 1444.4 | 1444.8 | 1445.2 | 1445.6 | 1446.1 | 1445.4 |
| 145°   | 1514.8 | 1515.9 | 1516.9 | 1517.9 | 1518.9 | 1519.9 | 1519.9 | 1519.9 | 1519.9 | 1519.9 | 1519.4 |
| 147.5° | 1583.6 | 1584.4 | 1585.2 | 1586.0 | 1586.8 | 1587.6 | 1588.4 | 1589.2 | 1590.0 | 1590.8 | 1590.1 |
| 150°   | 1626.8 | 1627.3 | 1628.6 | 1630.0 | 1631.3 | 1632.7 | 1632.7 | 1632.7 | 1632.7 | 1632.7 | 1632.3 |
| 152.5° | 1669.0 | 1669.5 | 1670.1 | 1670.6 | 1671.1 | 1671.7 | 1672.5 | 1673.3 | 1674.2 | 1675.0 | 1674.8 |
| 155°   | 1727.2 | 1727.3 | 1727.7 | 1728.0 | 1728.3 | 1728.7 | 1730.0 | 1731.3 | 1732.7 | 1734.0 | 1733.9 |
| 157.5° | 1777.8 | 1777.6 | 1777.9 | 1778.3 | 1778.6 | 1778.9 | 1780.3 | 1781.6 | 1783.0 | 1784.3 | 1783.9 |
| 160°   | 1808.4 | 1808.1 | 1808.4 | 1808.7 | 1809.1 | 1809.4 | 1810.7 | 1812.1 | 1813.4 | 1814.8 | 1814.6 |
| 162.5° | 1837.4 | 1837.1 | 1837.1 | 1837.2 | 1837.3 | 1837.3 | 1839.1 | 1840.7 | 1842.3 | 1843.9 | 1843.7 |
| 165°   | 1875.2 | 1875.0 | 1875.4 | 1875.7 | 1876.0 | 1876.4 | 1877.7 | 1879.1 | 1880.5 | 1881.8 | 1881.5 |
| 167.5° | 1904.2 | 1903.5 | 1903.5 | 1903.5 | 1903.5 | 1903.5 | 1905.5 | 1907.5 | 1909.6 | 1911.6 | 1911.6 |
| 170°   | 1921.3 | 1920.6 | 1920.6 | 1920.6 | 1920.6 | 1920.6 | 1922.6 | 1924.6 | 1926.6 | 1928.6 | 1928.5 |
| 172.5° | 1933.4 | 1932.8 | 1932.8 | 1932.8 | 1932.8 | 1932.8 | 1934.8 | 1936.8 | 1938.8 | 1940.9 | 1940.9 |
| 175°   | 1947.1 | 1946.4 | 1946.4 | 1946.4 | 1946.4 | 1946.4 | 1948.4 | 1950.6 | 1952.6 | 1954.6 | 1954.4 |
| 177.5° | 1955.2 | 1954.5 | 1954.3 | 1954.0 | 1953.7 | 1953.5 | 1955.1 | 1956.7 | 1958.3 | 1959.9 | 1959.8 |
| 180°   | 1957.1 | 1957.1 | 1957.1 | 1957.1 | 1957.1 | 1957.1 | 1957.1 | 1957.1 | 1957.1 | 1957.1 | 1957.1 |



TEST NUMBER: P333677-840

CATALOG NUMBER: S125RDIW-S610D1560U840-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 165°  | 170°  | 175°  | 180°  | 185°  | 190°  | 195°  | 200°  | 205°  | 210°  | 215°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 934.5 | 934.5 | 934.5 | 934.5 | 934.5 | 934.5 | 934.5 | 934.5 | 934.5 | 934.5 | 934.5 |
| 2.5°   | 895.2 | 891.8 | 890.9 | 892.1 | 890.9 | 891.8 | 895.2 | 895.5 | 895.9 | 898.3 | 894.9 |
| 5°     | 826.0 | 822.1 | 824.0 | 823.2 | 824.0 | 822.1 | 826.0 | 829.8 | 830.5 | 833.9 | 836.3 |
| 7.5°   | 765.0 | 760.2 | 755.2 | 756.8 | 755.2 | 760.2 | 765.0 | 765.1 | 771.0 | 775.5 | 778.5 |
| 10°    | 722.4 | 718.5 | 716.2 | 718.1 | 716.2 | 718.5 | 722.4 | 727.3 | 729.6 | 735.0 | 740.7 |
| 12.5°  | 686.4 | 684.2 | 682.2 | 681.4 | 682.2 | 684.2 | 686.4 | 691.8 | 697.1 | 703.4 | 709.7 |
| 15°    | 637.5 | 633.0 | 631.1 | 626.1 | 631.1 | 633.0 | 637.5 | 642.2 | 652.6 | 655.2 | 664.8 |
| 17.5°  | 592.5 | 591.0 | 586.0 | 583.9 | 586.0 | 591.0 | 592.5 | 596.4 | 601.2 | 611.1 | 618.3 |
| 20°    | 565.8 | 564.3 | 559.4 | 562.4 | 559.4 | 564.3 | 565.8 | 571.6 | 575.4 | 583.5 | 590.4 |
| 22.5°  | 543.7 | 540.4 | 538.8 | 537.9 | 538.8 | 540.4 | 543.7 | 546.4 | 551.5 | 559.0 | 566.7 |
| 25°    | 512.5 | 507.6 | 505.6 | 503.3 | 505.6 | 507.6 | 512.5 | 514.0 | 519.4 | 526.7 | 530.9 |
| 27.5°  | 481.4 | 478.7 | 476.2 | 475.5 | 476.2 | 478.7 | 481.4 | 483.5 | 488.2 | 494.5 | 502.2 |
| 30°    | 461.1 | 458.4 | 456.5 | 456.5 | 456.5 | 458.4 | 461.1 | 465.7 | 469.2 | 474.9 | 480.7 |
| 32.5°  | 443.0 | 440.9 | 439.0 | 438.7 | 439.0 | 440.9 | 443.0 | 445.5 | 449.5 | 455.9 | 461.9 |
| 35°    | 416.6 | 413.5 | 412.7 | 410.5 | 412.7 | 413.5 | 416.6 | 418.5 | 422.7 | 427.4 | 432.3 |
| 37.5°  | 389.2 | 386.7 | 386.6 | 386.4 | 386.6 | 386.7 | 389.2 | 392.6 | 396.2 | 400.3 | 406.4 |
| 40°    | 371.7 | 369.8 | 369.4 | 366.8 | 369.4 | 369.8 | 371.7 | 373.2 | 377.1 | 382.4 | 387.1 |
| 42.5°  | 353.0 | 352.0 | 350.7 | 349.5 | 350.7 | 352.0 | 353.0 | 356.1 | 359.3 | 363.1 | 369.0 |
| 45°    | 327.6 | 325.0 | 325.0 | 323.1 | 325.0 | 325.0 | 327.6 | 330.3 | 331.8 | 336.4 | 344.1 |
| 47.5°  | 301.3 | 299.3 | 299.5 | 297.5 | 299.5 | 299.3 | 301.3 | 302.3 | 304.7 | 309.2 | 313.5 |
| 50°    | 283.9 | 282.8 | 282.4 | 281.6 | 282.4 | 282.8 | 283.9 | 283.5 | 286.6 | 290.7 | 296.5 |
| 52.5°  | 266.4 | 265.9 | 267.3 | 265.6 | 267.3 | 265.9 | 266.4 | 267.2 | 269.3 | 272.1 | 277.5 |
| 55°    | 242.9 | 241.7 | 244.0 | 241.7 | 244.0 | 241.7 | 242.9 | 242.1 | 242.9 | 245.5 | 248.9 |
| 57.5°  | 215.7 | 214.7 | 216.7 | 215.6 | 216.7 | 214.7 | 215.7 | 215.9 | 218.2 | 218.6 | 221.7 |
| 60°    | 197.9 | 195.6 | 196.8 | 197.2 | 196.8 | 195.6 | 197.9 | 198.7 | 199.4 | 199.9 | 203.0 |
| 62.5°  | 176.7 | 175.4 | 176.2 | 174.5 | 176.2 | 175.4 | 176.7 | 178.4 | 180.2 | 182.1 | 183.9 |
| 65°    | 146.9 | 145.8 | 144.2 | 143.5 | 144.2 | 145.8 | 146.9 | 147.7 | 151.9 | 154.2 | 158.4 |
| 67.5°  | 123.4 | 120.7 | 120.6 | 121.2 | 120.6 | 120.7 | 123.4 | 123.3 | 126.3 | 128.3 | 131.1 |
| 70°    | 106.2 | 106.2 | 105.8 | 105.8 | 105.8 | 106.2 | 106.2 | 108.6 | 110.1 | 111.6 | 113.5 |
| 72.5°  | 94.3  | 94.0  | 93.3  | 93.0  | 93.3  | 94.0  | 94.3  | 95.0  | 95.9  | 97.6  | 99.5  |
| 75°    | 75.9  | 76.3  | 75.5  | 75.2  | 75.5  | 76.3  | 75.9  | 75.9  | 77.5  | 77.9  | 78.7  |
| 77.5°  | 56.0  | 54.4  | 55.3  | 54.4  | 55.3  | 54.4  | 56.0  | 57.7  | 58.2  | 59.9  | 59.9  |
| 80°    | 42.6  | 42.2  | 43.3  | 42.2  | 43.3  | 42.2  | 42.6  | 42.6  | 43.7  | 44.5  | 46.5  |
| 82.5°  | 33.7  | 33.3  | 33.8  | 33.0  | 33.8  | 33.3  | 33.7  | 33.3  | 33.9  | 34.9  | 34.7  |
| 85°    | 20.3  | 20.0  | 19.6  | 20.0  | 19.6  | 20.0  | 20.3  | 20.0  | 19.6  | 20.0  | 20.3  |
| 87.5°  | 13.7  | 13.6  | 13.8  | 14.0  | 13.8  | 13.6  | 13.7  | 13.2  | 13.3  | 12.9  | 12.6  |
| 90°    | 33.5  | 34.5  | 35.5  | 36.6  | 35.5  | 34.5  | 33.5  | 32.5  | 31.1  | 29.5  | 27.8  |
| 92.5°  | 69.7  | 70.4  | 71.1  | 71.9  | 71.1  | 70.4  | 69.7  | 68.9  | 67.5  | 65.1  | 62.9  |
| 95°    | 129.0 | 129.7 | 130.3 | 131.0 | 130.3 | 129.7 | 129.0 | 128.3 | 126.7 | 124.4 | 122.0 |
| 97.5°  | 197.4 | 197.8 | 198.2 | 198.6 | 198.2 | 197.8 | 197.4 | 197.0 | 195.6 | 193.4 | 191.2 |
| 100°   | 247.7 | 248.4 | 249.1 | 249.7 | 249.1 | 248.4 | 247.7 | 247.1 | 245.2 | 242.2 | 239.1 |
| 102.5° | 298.1 | 299.0 | 300.0 | 300.9 | 300.0 | 299.0 | 298.1 | 297.2 | 295.0 | 291.8 | 288.4 |
| 105°   | 374.7 | 375.7 | 376.7 | 377.7 | 376.7 | 375.7 | 374.7 | 373.7 | 372.1 | 370.1 | 368.1 |
| 107.5° | 456.5 | 456.5 | 456.4 | 456.3 | 456.4 | 456.5 | 456.5 | 456.6 | 456.1 | 455.0 | 454.0 |
| 110°   | 515.8 | 515.4 | 515.1 | 514.8 | 515.1 | 515.4 | 515.8 | 516.1 | 515.8 | 514.8 | 513.8 |



TEST NUMBER: P333677-840

CATALOG NUMBER: S125RDIW-S610D1560U840-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   | 200°   | 205°   | 210°   | 215°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 573.9  | 573.3  | 572.7  | 572.1  | 572.7  | 573.3  | 573.9  | 574.5  | 574.5  | 574.1  | 573.6  |
| 115°   | 663.6  | 663.2  | 662.9  | 662.6  | 662.9  | 663.2  | 663.6  | 663.9  | 664.2  | 664.6  | 664.9  |
| 117.5° | 754.9  | 753.6  | 752.2  | 750.8  | 752.2  | 753.6  | 754.9  | 756.3  | 756.8  | 756.6  | 756.3  |
| 120°   | 815.9  | 814.5  | 813.1  | 811.8  | 813.1  | 814.5  | 815.9  | 817.2  | 817.9  | 817.9  | 817.9  |
| 122.5° | 876.0  | 874.8  | 873.7  | 872.7  | 873.7  | 874.8  | 876.0  | 877.1  | 877.7  | 878.0  | 878.3  |
| 125°   | 965.1  | 964.7  | 964.4  | 964.1  | 964.4  | 964.7  | 965.1  | 965.4  | 965.9  | 966.6  | 967.3  |
| 127.5° | 1053.8 | 1053.2 | 1052.5 | 1051.8 | 1052.5 | 1053.2 | 1053.8 | 1054.5 | 1055.0 | 1055.4 | 1055.7 |
| 130°   | 1112.4 | 1111.7 | 1111.0 | 1110.3 | 1111.0 | 1111.7 | 1112.4 | 1113.0 | 1113.5 | 1113.9 | 1114.2 |
| 132.5° | 1168.0 | 1167.0 | 1166.1 | 1165.1 | 1166.1 | 1167.0 | 1168.0 | 1168.9 | 1169.5 | 1169.9 | 1170.2 |
| 135°   | 1254.5 | 1253.1 | 1251.7 | 1250.4 | 1251.7 | 1253.1 | 1254.5 | 1255.9 | 1256.5 | 1256.5 | 1256.5 |
| 137.5° | 1339.0 | 1337.3 | 1335.5 | 1333.8 | 1335.5 | 1337.3 | 1339.0 | 1340.7 | 1341.3 | 1340.9 | 1340.5 |
| 140°   | 1392.6 | 1390.9 | 1389.2 | 1387.5 | 1389.2 | 1390.9 | 1392.6 | 1394.2 | 1394.7 | 1394.1 | 1393.4 |
| 142.5° | 1443.7 | 1442.1 | 1440.4 | 1438.7 | 1440.4 | 1442.1 | 1443.7 | 1445.4 | 1446.1 | 1445.6 | 1445.2 |
| 145°   | 1518.4 | 1517.4 | 1516.4 | 1515.4 | 1516.4 | 1517.4 | 1518.4 | 1519.4 | 1519.9 | 1519.9 | 1519.9 |
| 147.5° | 1587.8 | 1585.5 | 1583.3 | 1580.9 | 1583.3 | 1585.5 | 1587.8 | 1590.1 | 1590.8 | 1590.0 | 1589.2 |
| 150°   | 1631.6 | 1631.0 | 1630.3 | 1629.6 | 1630.3 | 1631.0 | 1631.6 | 1632.3 | 1632.7 | 1632.7 | 1632.7 |
| 152.5° | 1673.5 | 1672.3 | 1671.1 | 1669.9 | 1671.1 | 1672.3 | 1673.5 | 1674.8 | 1675.0 | 1674.2 | 1673.3 |
| 155°   | 1732.2 | 1730.5 | 1728.8 | 1727.2 | 1728.8 | 1730.5 | 1732.2 | 1733.9 | 1734.0 | 1732.7 | 1731.3 |
| 157.5° | 1781.6 | 1779.4 | 1777.2 | 1774.9 | 1777.2 | 1779.4 | 1781.6 | 1783.9 | 1784.3 | 1783.0 | 1781.6 |
| 160°   | 1812.9 | 1811.2 | 1809.6 | 1807.9 | 1809.6 | 1811.2 | 1812.9 | 1814.6 | 1814.8 | 1813.4 | 1812.1 |
| 162.5° | 1841.8 | 1839.8 | 1837.9 | 1835.8 | 1837.9 | 1839.8 | 1841.8 | 1843.7 | 1843.9 | 1842.3 | 1840.7 |
| 165°   | 1879.5 | 1877.4 | 1875.4 | 1873.3 | 1875.4 | 1877.4 | 1879.5 | 1881.5 | 1881.8 | 1880.5 | 1879.1 |
| 167.5° | 1909.5 | 1907.4 | 1905.3 | 1903.2 | 1905.3 | 1907.4 | 1909.5 | 1911.6 | 1911.6 | 1909.6 | 1907.5 |
| 170°   | 1926.1 | 1923.8 | 1921.4 | 1919.0 | 1921.4 | 1923.8 | 1926.1 | 1928.5 | 1928.6 | 1926.6 | 1924.6 |
| 172.5° | 1938.7 | 1936.6 | 1934.5 | 1932.5 | 1934.5 | 1936.6 | 1938.7 | 1940.9 | 1940.9 | 1938.8 | 1936.8 |
| 175°   | 1952.1 | 1949.6 | 1947.3 | 1944.9 | 1947.3 | 1949.6 | 1952.1 | 1954.4 | 1954.6 | 1952.6 | 1950.6 |
| 177.5° | 1957.9 | 1956.0 | 1954.1 | 1952.3 | 1954.1 | 1956.0 | 1957.9 | 1959.8 | 1959.9 | 1958.3 | 1956.7 |
| 180°   | 1957.1 | 1957.1 | 1957.1 | 1957.1 | 1957.1 | 1957.1 | 1957.1 | 1957.1 | 1957.1 | 1957.1 | 1957.1 |



TEST NUMBER: P333677-840

CATALOG NUMBER: S125RDIW-S610D1560U840-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 220°  | 225°  | 230°  | 235°  | 240°  | 245°  | 250°  | 255°  | 260°  | 265°  | 270°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 934.5 | 934.5 | 934.5 | 934.5 | 934.5 | 934.5 | 934.5 | 934.5 | 934.5 | 934.5 | 934.5 |
| 2.5°   | 895.9 | 899.2 | 901.0 | 905.3 | 911.5 | 914.5 | 918.9 | 921.9 | 926.2 | 931.4 | 935.7 |
| 5°     | 837.8 | 847.1 | 853.1 | 862.7 | 871.6 | 880.4 | 891.5 | 899.6 | 910.3 | 922.6 | 932.2 |
| 7.5°   | 784.0 | 795.5 | 805.7 | 818.3 | 832.9 | 844.2 | 858.8 | 873.5 | 890.4 | 907.8 | 924.2 |
| 10°    | 749.6 | 761.1 | 773.8 | 789.5 | 804.1 | 819.4 | 836.7 | 853.9 | 875.0 | 894.6 | 916.9 |
| 12.5°  | 715.5 | 728.2 | 742.5 | 760.0 | 777.7 | 797.3 | 814.9 | 834.2 | 857.0 | 882.3 | 906.2 |
| 15°    | 673.3 | 685.5 | 700.8 | 715.8 | 736.2 | 757.6 | 781.0 | 806.8 | 832.0 | 860.5 | 890.0 |
| 17.5°  | 627.9 | 641.4 | 658.3 | 675.6 | 697.0 | 722.2 | 745.2 | 773.3 | 801.7 | 834.9 | 869.6 |
| 20°    | 598.4 | 612.3 | 632.2 | 651.4 | 671.0 | 695.5 | 722.8 | 751.5 | 781.8 | 816.7 | 855.5 |
| 22.5°  | 575.1 | 584.9 | 604.6 | 624.1 | 647.0 | 672.2 | 698.8 | 728.8 | 761.8 | 798.0 | 838.6 |
| 25°    | 540.5 | 552.0 | 566.2 | 586.5 | 610.4 | 636.8 | 663.7 | 695.5 | 731.5 | 768.4 | 811.7 |
| 27.5°  | 509.8 | 519.2 | 533.2 | 549.2 | 572.9 | 600.4 | 628.9 | 662.2 | 699.1 | 736.6 | 782.2 |
| 30°    | 488.0 | 498.4 | 511.7 | 528.7 | 547.4 | 577.3 | 606.5 | 639.1 | 676.7 | 715.5 | 762.2 |
| 32.5°  | 469.0 | 479.6 | 491.2 | 507.2 | 527.5 | 554.0 | 584.1 | 616.1 | 654.3 | 694.3 | 739.8 |
| 35°    | 442.3 | 449.6 | 460.3 | 476.1 | 496.0 | 517.5 | 548.2 | 582.0 | 619.1 | 660.6 | 706.2 |
| 37.5°  | 411.8 | 421.2 | 431.9 | 445.6 | 463.0 | 486.3 | 514.8 | 549.0 | 583.5 | 623.2 | 664.8 |
| 40°    | 393.9 | 402.8 | 414.7 | 424.6 | 443.1 | 464.1 | 490.3 | 525.9 | 560.5 | 597.6 | 635.6 |
| 42.5°  | 375.9 | 384.4 | 394.5 | 406.9 | 423.4 | 443.9 | 468.2 | 501.4 | 538.4 | 573.4 | 605.3 |
| 45°    | 347.6 | 356.4 | 366.0 | 377.5 | 392.8 | 412.7 | 437.0 | 467.3 | 499.5 | 531.7 | 555.8 |
| 47.5°  | 320.4 | 328.7 | 337.8 | 349.6 | 363.8 | 383.0 | 404.7 | 431.4 | 462.7 | 490.1 | 507.4 |
| 50°    | 301.1 | 308.8 | 318.8 | 330.3 | 344.1 | 362.1 | 382.8 | 409.3 | 435.5 | 460.3 | 476.1 |
| 52.5°  | 282.2 | 290.7 | 300.6 | 310.6 | 323.9 | 341.8 | 361.0 | 383.8 | 408.7 | 429.0 | 442.0 |
| 55°    | 253.6 | 261.7 | 270.8 | 281.1 | 294.3 | 309.6 | 329.9 | 347.9 | 367.5 | 384.8 | 392.4 |
| 57.5°  | 226.0 | 233.1 | 241.8 | 252.5 | 264.3 | 278.5 | 294.6 | 311.9 | 325.8 | 338.0 | 346.7 |
| 60°    | 207.9 | 214.1 | 222.1 | 231.4 | 244.0 | 257.0 | 271.6 | 287.7 | 298.4 | 308.8 | 316.9 |
| 62.5°  | 189.6 | 195.3 | 203.1 | 211.4 | 222.5 | 234.6 | 248.6 | 261.7 | 272.1 | 279.0 | 288.3 |
| 65°    | 161.9 | 167.6 | 174.2 | 183.0 | 191.8 | 201.8 | 214.4 | 224.0 | 231.4 | 239.0 | 244.8 |
| 67.5°  | 136.2 | 141.0 | 147.1 | 154.1 | 161.5 | 171.1 | 180.9 | 188.8 | 193.9 | 198.4 | 205.4 |
| 70°    | 119.3 | 123.1 | 128.2 | 133.5 | 141.6 | 151.2 | 158.9 | 164.9 | 168.4 | 173.0 | 181.5 |
| 72.5°  | 102.1 | 106.5 | 111.3 | 116.6 | 123.1 | 131.2 | 137.9 | 144.1 | 146.3 | 150.0 | 155.3 |
| 75°    | 80.6  | 82.9  | 86.7  | 90.5  | 95.1  | 102.0 | 108.6 | 110.1 | 112.0 | 115.1 | 119.0 |
| 77.5°  | 60.9  | 63.0  | 64.5  | 67.1  | 70.7  | 76.2  | 79.7  | 82.0  | 82.5  | 83.6  | 87.4  |
| 80°    | 48.4  | 49.5  | 51.0  | 52.9  | 54.4  | 59.1  | 61.0  | 63.3  | 64.0  | 65.2  | 67.2  |
| 82.5°  | 35.4  | 36.6  | 37.6  | 39.1  | 41.6  | 43.4  | 45.3  | 47.7  | 47.8  | 48.7  | 49.0  |
| 85°    | 20.7  | 21.1  | 20.3  | 21.1  | 21.5  | 22.2  | 24.1  | 26.1  | 25.8  | 25.3  | 26.5  |
| 87.5°  | 12.6  | 12.2  | 11.4  | 11.9  | 10.8  | 10.6  | 10.1  | 9.9   | 10.0  | 10.1  | 10.1  |
| 90°    | 26.1  | 24.3  | 22.0  | 19.6  | 17.3  | 14.8  | 12.3  | 9.7   | 7.0   | 4.2   | 1.5   |
| 92.5°  | 60.7  | 58.5  | 55.5  | 52.6  | 49.8  | 46.9  | 44.4  | 42.5  | 40.7  | 38.8  | 36.9  |
| 95°    | 119.7 | 117.2 | 113.9 | 110.5 | 107.1 | 103.7 | 101.7 | 101.0 | 100.4 | 99.7  | 99.0  |
| 97.5°  | 188.9 | 186.7 | 182.1 | 177.4 | 172.7 | 168.0 | 165.6 | 165.3 | 165.0 | 164.7 | 164.5 |
| 100°   | 236.1 | 233.0 | 228.6 | 224.2 | 219.8 | 215.4 | 213.2 | 213.2 | 213.2 | 213.2 | 213.2 |
| 102.5° | 285.1 | 281.8 | 279.5 | 277.3 | 275.1 | 272.9 | 271.0 | 269.6 | 268.3 | 267.0 | 265.6 |
| 105°   | 366.1 | 364.1 | 361.9 | 359.9 | 357.9 | 355.9 | 354.1 | 352.3 | 350.6 | 348.9 | 347.3 |
| 107.5° | 453.0 | 452.0 | 450.5 | 448.9 | 447.4 | 445.9 | 444.1 | 442.5 | 440.8 | 439.1 | 437.4 |
| 110°   | 512.7 | 511.7 | 510.7 | 509.7 | 508.7 | 507.7 | 506.3 | 504.6 | 502.9 | 501.3 | 499.6 |



TEST NUMBER: P333677-840

CATALOG NUMBER: S125RDIW-S610D1560U840-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   | 250°   | 255°   | 260°   | 265°   | 270°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 573.1  | 572.7  | 571.4  | 570.1  | 568.8  | 567.5  | 566.4  | 565.5  | 564.7  | 563.8  | 562.9  |
| 115°   | 665.2  | 665.6  | 664.9  | 664.2  | 663.6  | 662.9  | 661.9  | 660.5  | 659.1  | 657.8  | 656.4  |
| 117.5° | 756.0  | 755.8  | 755.1  | 754.5  | 753.9  | 753.3  | 752.7  | 752.0  | 751.4  | 750.8  | 750.2  |
| 120°   | 817.9  | 817.9  | 817.5  | 817.2  | 816.9  | 816.5  | 815.5  | 813.9  | 812.1  | 810.4  | 808.7  |
| 122.5° | 878.5  | 878.8  | 877.9  | 877.1  | 876.2  | 875.3  | 874.5  | 873.9  | 873.3  | 872.7  | 872.1  |
| 125°   | 968.0  | 968.7  | 968.4  | 968.0  | 967.7  | 967.3  | 966.1  | 964.1  | 962.1  | 960.0  | 958.0  |
| 127.5° | 1056.0 | 1056.4 | 1056.0 | 1055.6 | 1055.2 | 1054.8 | 1054.0 | 1052.8 | 1051.7 | 1050.6 | 1049.4 |
| 130°   | 1114.5 | 1114.9 | 1114.2 | 1113.5 | 1112.9 | 1112.2 | 1111.0 | 1109.2 | 1107.6 | 1105.9 | 1104.2 |
| 132.5° | 1170.5 | 1170.9 | 1171.0 | 1171.1 | 1171.3 | 1171.4 | 1170.1 | 1167.4 | 1164.6 | 1161.8 | 1159.0 |
| 135°   | 1256.5 | 1256.5 | 1256.2 | 1255.9 | 1255.5 | 1255.2 | 1253.9 | 1251.9 | 1249.9 | 1247.9 | 1245.9 |
| 137.5° | 1340.1 | 1339.7 | 1338.9 | 1338.2 | 1337.5 | 1336.7 | 1335.3 | 1333.3 | 1331.4 | 1329.5 | 1327.5 |
| 140°   | 1392.7 | 1392.1 | 1391.1 | 1390.1 | 1389.0 | 1388.0 | 1386.6 | 1384.9 | 1383.2 | 1381.6 | 1379.9 |
| 142.5° | 1444.8 | 1444.4 | 1443.2 | 1441.9 | 1440.6 | 1439.3 | 1437.9 | 1436.5 | 1435.1 | 1433.7 | 1432.3 |
| 145°   | 1519.9 | 1519.9 | 1518.9 | 1517.9 | 1516.9 | 1515.9 | 1514.8 | 1513.4 | 1512.1 | 1510.7 | 1509.3 |
| 147.5° | 1588.4 | 1587.6 | 1586.8 | 1586.0 | 1585.2 | 1584.4 | 1583.6 | 1582.9 | 1582.1 | 1581.3 | 1580.6 |
| 150°   | 1632.7 | 1632.7 | 1631.3 | 1630.0 | 1628.6 | 1627.3 | 1626.8 | 1627.1 | 1627.5 | 1627.8 | 1628.1 |
| 152.5° | 1672.5 | 1671.7 | 1671.1 | 1670.6 | 1670.1 | 1669.5 | 1669.0 | 1668.5 | 1668.1 | 1667.6 | 1667.1 |
| 155°   | 1730.0 | 1728.7 | 1728.3 | 1728.0 | 1727.7 | 1727.3 | 1727.2 | 1727.2 | 1727.2 | 1727.2 | 1727.2 |
| 157.5° | 1780.3 | 1778.9 | 1778.6 | 1778.3 | 1777.9 | 1777.6 | 1777.8 | 1778.5 | 1779.3 | 1780.0 | 1780.7 |
| 160°   | 1810.7 | 1809.4 | 1809.1 | 1808.7 | 1808.4 | 1808.1 | 1808.4 | 1809.4 | 1810.4 | 1811.4 | 1812.4 |
| 162.5° | 1839.1 | 1837.3 | 1837.3 | 1837.2 | 1837.1 | 1837.1 | 1837.4 | 1838.3 | 1839.0 | 1839.7 | 1840.5 |
| 165°   | 1877.7 | 1876.4 | 1876.0 | 1875.7 | 1875.4 | 1875.0 | 1875.2 | 1875.9 | 1876.5 | 1877.2 | 1877.9 |
| 167.5° | 1905.5 | 1903.5 | 1903.5 | 1903.5 | 1903.5 | 1903.5 | 1904.2 | 1905.5 | 1906.9 | 1908.2 | 1909.6 |
| 170°   | 1922.6 | 1920.6 | 1920.6 | 1920.6 | 1920.6 | 1920.6 | 1921.3 | 1922.6 | 1923.9 | 1925.3 | 1926.6 |
| 172.5° | 1934.8 | 1932.8 | 1932.8 | 1932.8 | 1932.8 | 1932.8 | 1933.4 | 1934.8 | 1936.1 | 1937.5 | 1938.8 |
| 175°   | 1948.4 | 1946.4 | 1946.4 | 1946.4 | 1946.4 | 1946.4 | 1947.1 | 1948.4 | 1949.8 | 1951.2 | 1952.6 |
| 177.5° | 1955.1 | 1953.5 | 1953.7 | 1954.0 | 1954.3 | 1954.5 | 1955.2 | 1956.3 | 1957.4 | 1958.4 | 1959.5 |
| 180°   | 1957.1 | 1957.1 | 1957.1 | 1957.1 | 1957.1 | 1957.1 | 1957.1 | 1957.1 | 1957.1 | 1957.1 | 1957.1 |



TEST NUMBER: P333677-840

CATALOG NUMBER: S125RDIW-S610D1560U840-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 275°  | 280°  | 285°  | 290°   | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   |
|--------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 934.5 | 934.5 | 934.5 | 934.5  | 934.5  | 934.5  | 934.5  | 934.5  | 934.5  | 934.5  | 934.5  |
| 2.5°   | 939.1 | 941.9 | 945.8 | 950.5  | 954.1  | 958.2  | 960.3  | 960.3  | 962.1  | 966.1  | 971.3  |
| 5°     | 941.8 | 951.8 | 961.4 | 973.6  | 983.2  | 994.3  | 1002.8 | 1010.9 | 1018.1 | 1027.3 | 1036.9 |
| 7.5°   | 941.0 | 957.6 | 974.8 | 994.2  | 1015.5 | 1032.5 | 1049.9 | 1063.6 | 1077.0 | 1094.7 | 1108.6 |
| 10°    | 938.0 | 959.5 | 982.8 | 1007.3 | 1034.2 | 1057.6 | 1078.7 | 1097.9 | 1116.3 | 1135.5 | 1152.8 |
| 12.5°  | 932.4 | 959.8 | 988.4 | 1017.8 | 1051.8 | 1078.5 | 1105.7 | 1126.2 | 1147.6 | 1168.6 | 1189.9 |
| 15°    | 924.1 | 956.3 | 990.9 | 1032.0 | 1073.4 | 1103.3 | 1130.1 | 1156.6 | 1176.6 | 1200.3 | 1220.7 |
| 17.5°  | 907.1 | 948.6 | 992.0 | 1036.8 | 1076.6 | 1111.5 | 1139.5 | 1164.8 | 1186.0 | 1212.1 | 1239.8 |
| 20°    | 896.9 | 941.8 | 987.0 | 1035.0 | 1073.0 | 1108.6 | 1135.9 | 1162.0 | 1188.4 | 1222.6 | 1256.4 |
| 22.5°  | 882.8 | 930.7 | 978.8 | 1024.3 | 1064.4 | 1098.8 | 1127.0 | 1158.9 | 1193.7 | 1232.4 | 1273.2 |
| 25°    | 860.5 | 910.0 | 957.6 | 1000.9 | 1040.0 | 1075.3 | 1113.7 | 1156.6 | 1198.8 | 1249.8 | 1308.5 |
| 27.5°  | 832.1 | 879.9 | 922.3 | 968.1  | 1007.0 | 1051.9 | 1099.7 | 1146.3 | 1207.2 | 1277.4 | 1350.7 |
| 30°    | 810.9 | 856.3 | 896.6 | 939.9  | 984.0  | 1033.5 | 1087.2 | 1142.1 | 1214.6 | 1297.0 | 1384.1 |
| 32.5°  | 786.4 | 827.4 | 867.4 | 909.2  | 960.1  | 1014.4 | 1071.6 | 1138.6 | 1225.3 | 1319.1 | 1409.3 |
| 35°    | 743.9 | 780.6 | 819.4 | 865.9  | 919.9  | 979.0  | 1051.9 | 1133.6 | 1238.3 | 1339.2 | 1420.2 |
| 37.5°  | 699.2 | 728.2 | 767.2 | 816.1  | 875.0  | 943.4  | 1026.1 | 1125.4 | 1232.9 | 1323.5 | 1358.0 |
| 40°    | 664.8 | 692.1 | 733.1 | 784.5  | 842.8  | 917.7  | 1010.5 | 1112.5 | 1220.7 | 1283.5 | 1280.9 |
| 42.5°  | 630.8 | 658.3 | 697.8 | 749.5  | 810.3  | 894.0  | 989.6  | 1095.6 | 1186.9 | 1210.8 | 1160.9 |
| 45°    | 578.5 | 604.2 | 643.0 | 695.1  | 760.3  | 848.2  | 948.7  | 1050.4 | 1108.6 | 1070.0 | 971.0  |
| 47.5°  | 525.2 | 550.2 | 586.1 | 637.2  | 708.4  | 800.4  | 895.4  | 978.9  | 987.0  | 903.8  | 785.1  |
| 50°    | 490.3 | 513.6 | 547.9 | 602.3  | 671.4  | 761.1  | 852.8  | 918.4  | 898.1  | 796.4  | 674.0  |
| 52.5°  | 456.2 | 478.7 | 510.7 | 562.1  | 632.7  | 720.6  | 802.4  | 853.9  | 806.9  | 698.8  | 588.8  |
| 55°    | 405.9 | 427.4 | 459.6 | 506.8  | 570.8  | 651.4  | 723.2  | 741.9  | 672.9  | 563.9  | 474.9  |
| 57.5°  | 358.1 | 373.8 | 405.7 | 447.4  | 509.2  | 580.2  | 631.6  | 628.2  | 552.0  | 453.9  | 390.1  |
| 60°    | 326.5 | 340.6 | 370.9 | 409.3  | 468.0  | 531.7  | 567.7  | 552.4  | 475.3  | 394.4  | 333.0  |
| 62.5°  | 297.0 | 310.2 | 335.7 | 370.9  | 421.4  | 476.8  | 503.0  | 481.8  | 409.0  | 337.9  | 289.1  |
| 65°    | 252.5 | 262.1 | 282.4 | 315.0  | 354.5  | 392.8  | 416.3  | 385.2  | 320.7  | 267.0  | 230.1  |
| 67.5°  | 210.8 | 219.0 | 237.1 | 260.5  | 287.8  | 314.3  | 323.8  | 294.6  | 244.5  | 208.3  | 182.4  |
| 70°    | 183.8 | 191.5 | 203.7 | 225.6  | 243.6  | 262.4  | 267.0  | 241.0  | 199.1  | 171.5  | 155.3  |
| 72.5°  | 157.9 | 165.0 | 175.8 | 191.2  | 203.7  | 214.5  | 216.7  | 192.4  | 160.5  | 141.4  | 129.0  |
| 75°    | 120.5 | 126.6 | 133.5 | 139.3  | 147.3  | 149.3  | 148.5  | 129.7  | 112.4  | 99.8   | 92.8   |
| 77.5°  | 88.6  | 91.1  | 95.3  | 97.6   | 98.0   | 97.9   | 93.9   | 82.0   | 73.1   | 67.9   | 65.0   |
| 80°    | 68.3  | 70.2  | 71.4  | 72.1   | 72.5   | 68.7   | 64.4   | 57.2   | 54.1   | 51.0   | 47.6   |
| 82.5°  | 49.6  | 50.9  | 52.0  | 52.2   | 50.1   | 46.9   | 42.9   | 39.4   | 37.2   | 35.6   | 34.3   |
| 85°    | 26.9  | 27.3  | 26.9  | 24.9   | 22.2   | 21.1   | 20.3   | 19.6   | 19.2   | 18.8   | 18.8   |
| 87.5°  | 10.4  | 10.0  | 9.0   | 9.8    | 10.3   | 10.5   | 11.0   | 11.1   | 11.3   | 11.6   | 12.0   |
| 90°    | 4.2   | 7.0   | 9.7   | 12.3   | 14.8   | 17.3   | 19.6   | 22.0   | 24.3   | 26.1   | 27.8   |
| 92.5°  | 38.8  | 40.7  | 42.5  | 44.4   | 46.9   | 49.8   | 52.6   | 55.5   | 58.5   | 60.7   | 62.9   |
| 95°    | 99.7  | 100.4 | 101.0 | 101.7  | 103.7  | 107.1  | 110.5  | 113.9  | 117.2  | 119.7  | 122.0  |
| 97.5°  | 164.7 | 165.0 | 165.3 | 165.6  | 168.0  | 172.7  | 177.4  | 182.1  | 186.7  | 188.9  | 191.2  |
| 100°   | 213.2 | 213.2 | 213.2 | 213.2  | 215.4  | 219.8  | 224.2  | 228.6  | 233.0  | 236.1  | 239.1  |
| 102.5° | 267.0 | 268.3 | 269.6 | 271.0  | 272.9  | 275.1  | 277.3  | 279.5  | 281.8  | 285.1  | 288.4  |
| 105°   | 348.9 | 350.6 | 352.3 | 354.1  | 355.9  | 357.9  | 359.9  | 361.9  | 364.1  | 366.1  | 368.1  |
| 107.5° | 439.1 | 440.8 | 442.5 | 444.1  | 445.9  | 447.4  | 448.9  | 450.5  | 452.0  | 453.0  | 454.0  |
| 110°   | 501.3 | 502.9 | 504.6 | 506.3  | 507.7  | 508.7  | 509.7  | 510.7  | 511.7  | 512.7  | 513.8  |





TEST NUMBER: P333677-840

CATALOG NUMBER: S125RDIW-S610D1560U840-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 275°   | 280°   | 285°   | 290°   | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 563.8  | 564.7  | 565.5  | 566.4  | 567.5  | 568.8  | 570.1  | 571.4  | 572.7  | 573.1  | 573.6  |
| 115°   | 657.8  | 659.1  | 660.5  | 661.9  | 662.9  | 663.6  | 664.2  | 664.9  | 665.6  | 665.2  | 664.9  |
| 117.5° | 750.8  | 751.4  | 752.0  | 752.7  | 753.3  | 753.9  | 754.5  | 755.1  | 755.8  | 756.0  | 756.3  |
| 120°   | 810.4  | 812.1  | 813.9  | 815.5  | 816.5  | 816.9  | 817.2  | 817.5  | 817.9  | 817.9  | 817.9  |
| 122.5° | 872.7  | 873.3  | 873.9  | 874.5  | 875.3  | 876.2  | 877.1  | 877.9  | 878.8  | 878.5  | 878.3  |
| 125°   | 960.0  | 962.1  | 964.1  | 966.1  | 967.3  | 967.7  | 968.0  | 968.4  | 968.7  | 968.0  | 967.3  |
| 127.5° | 1050.6 | 1051.7 | 1052.8 | 1054.0 | 1054.8 | 1055.2 | 1055.6 | 1056.0 | 1056.4 | 1056.0 | 1055.7 |
| 130°   | 1105.9 | 1107.6 | 1109.2 | 1111.0 | 1112.2 | 1112.9 | 1113.5 | 1114.2 | 1114.9 | 1114.5 | 1114.2 |
| 132.5° | 1161.8 | 1164.6 | 1167.4 | 1170.1 | 1171.4 | 1171.3 | 1171.1 | 1171.0 | 1170.9 | 1170.5 | 1170.2 |
| 135°   | 1247.9 | 1249.9 | 1251.9 | 1253.9 | 1255.2 | 1255.5 | 1255.9 | 1256.2 | 1256.5 | 1256.5 | 1256.5 |
| 137.5° | 1329.5 | 1331.4 | 1333.3 | 1335.3 | 1336.7 | 1337.5 | 1338.2 | 1338.9 | 1339.7 | 1340.1 | 1340.5 |
| 140°   | 1381.6 | 1383.2 | 1384.9 | 1386.6 | 1388.0 | 1389.0 | 1390.1 | 1391.1 | 1392.1 | 1392.7 | 1393.4 |
| 142.5° | 1433.7 | 1435.1 | 1436.5 | 1437.9 | 1439.3 | 1440.6 | 1441.9 | 1443.2 | 1444.4 | 1444.8 | 1445.2 |
| 145°   | 1510.7 | 1512.1 | 1513.4 | 1514.8 | 1515.9 | 1516.9 | 1517.9 | 1518.9 | 1519.9 | 1519.9 | 1519.9 |
| 147.5° | 1581.3 | 1582.1 | 1582.9 | 1583.6 | 1584.4 | 1585.2 | 1586.0 | 1586.8 | 1587.6 | 1588.4 | 1589.2 |
| 150°   | 1627.8 | 1627.5 | 1627.1 | 1626.8 | 1627.3 | 1628.6 | 1630.0 | 1631.3 | 1632.7 | 1632.7 | 1632.7 |
| 152.5° | 1667.6 | 1668.1 | 1668.5 | 1669.0 | 1669.5 | 1670.1 | 1670.6 | 1671.1 | 1671.7 | 1672.5 | 1673.3 |
| 155°   | 1727.2 | 1727.2 | 1727.2 | 1727.2 | 1727.3 | 1727.7 | 1728.0 | 1728.3 | 1728.7 | 1730.0 | 1731.3 |
| 157.5° | 1780.0 | 1779.3 | 1778.5 | 1777.8 | 1777.6 | 1777.9 | 1778.3 | 1778.6 | 1778.9 | 1780.3 | 1781.6 |
| 160°   | 1811.4 | 1810.4 | 1809.4 | 1808.4 | 1808.1 | 1808.4 | 1808.7 | 1809.1 | 1809.4 | 1810.7 | 1812.1 |
| 162.5° | 1839.7 | 1839.0 | 1838.3 | 1837.4 | 1837.1 | 1837.1 | 1837.2 | 1837.3 | 1837.3 | 1839.1 | 1840.7 |
| 165°   | 1877.2 | 1876.5 | 1875.9 | 1875.2 | 1875.0 | 1875.4 | 1875.7 | 1876.0 | 1876.4 | 1877.7 | 1879.1 |
| 167.5° | 1908.2 | 1906.9 | 1905.5 | 1904.2 | 1903.5 | 1903.5 | 1903.5 | 1903.5 | 1903.5 | 1905.5 | 1907.5 |
| 170°   | 1925.3 | 1923.9 | 1922.6 | 1921.3 | 1920.6 | 1920.6 | 1920.6 | 1920.6 | 1920.6 | 1922.6 | 1924.6 |
| 172.5° | 1937.5 | 1936.1 | 1934.8 | 1933.4 | 1932.8 | 1932.8 | 1932.8 | 1932.8 | 1932.8 | 1934.8 | 1936.8 |
| 175°   | 1951.2 | 1949.8 | 1948.4 | 1947.1 | 1946.4 | 1946.4 | 1946.4 | 1946.4 | 1946.4 | 1948.4 | 1950.6 |
| 177.5° | 1958.4 | 1957.4 | 1956.3 | 1955.2 | 1954.5 | 1954.3 | 1954.0 | 1953.7 | 1953.5 | 1955.1 | 1956.7 |
| 180°   | 1957.1 | 1957.1 | 1957.1 | 1957.1 | 1957.1 | 1957.1 | 1957.1 | 1957.1 | 1957.1 | 1957.1 | 1957.1 |



TEST NUMBER: P333677-840

CATALOG NUMBER: S125RDIW-S610D1560U840-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 330°   | 335°   | 340°   | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 934.5  | 934.5  | 934.5  | 934.5  | 934.5  | 934.5  | 934.5  |
| 2.5°   | 975.3  | 975.3  | 980.6  | 980.2  | 983.6  | 982.4  | 983.0  |
| 5°     | 1048.4 | 1054.9 | 1060.7 | 1064.5 | 1070.3 | 1071.9 | 1071.1 |
| 7.5°   | 1124.3 | 1138.7 | 1145.8 | 1155.5 | 1157.2 | 1162.3 | 1161.7 |
| 10°    | 1171.1 | 1185.4 | 1196.1 | 1204.6 | 1208.8 | 1214.2 | 1214.6 |
| 12.5°  | 1208.0 | 1220.0 | 1229.6 | 1237.4 | 1242.5 | 1244.3 | 1245.3 |
| 15°    | 1236.8 | 1250.2 | 1261.3 | 1272.4 | 1279.0 | 1283.9 | 1286.7 |
| 17.5°  | 1265.8 | 1286.5 | 1306.2 | 1321.3 | 1330.3 | 1338.0 | 1337.9 |
| 20°    | 1288.2 | 1312.0 | 1336.6 | 1353.8 | 1371.4 | 1379.1 | 1380.3 |
| 22.5°  | 1312.1 | 1348.5 | 1380.1 | 1406.8 | 1430.1 | 1438.0 | 1441.0 |
| 25°    | 1361.8 | 1409.4 | 1458.1 | 1495.7 | 1522.6 | 1538.3 | 1540.7 |
| 27.5°  | 1421.9 | 1486.3 | 1537.5 | 1572.3 | 1594.6 | 1606.2 | 1608.7 |
| 30°    | 1464.3 | 1523.7 | 1569.7 | 1595.9 | 1606.2 | 1607.7 | 1601.9 |
| 32.5°  | 1483.3 | 1527.7 | 1546.1 | 1544.6 | 1524.3 | 1510.8 | 1505.6 |
| 35°    | 1460.1 | 1450.9 | 1405.9 | 1352.2 | 1311.2 | 1285.2 | 1278.2 |
| 37.5°  | 1328.7 | 1249.3 | 1166.7 | 1085.6 | 1042.4 | 1020.5 | 982.7  |
| 40°    | 1199.2 | 1086.0 | 1000.1 | 931.8  | 883.1  | 843.9  | 834.8  |
| 42.5°  | 1053.1 | 936.2  | 850.3  | 791.8  | 753.0  | 726.1  | 714.5  |
| 45°    | 846.3  | 745.8  | 674.8  | 629.9  | 600.0  | 580.4  | 571.6  |
| 47.5°  | 676.8  | 599.1  | 547.3  | 514.1  | 491.3  | 474.3  | 469.6  |
| 50°    | 583.9  | 521.7  | 478.0  | 450.0  | 432.7  | 419.7  | 414.3  |
| 52.5°  | 507.2  | 457.0  | 423.3  | 400.3  | 384.0  | 375.8  | 371.3  |
| 55°    | 418.5  | 375.2  | 351.0  | 332.5  | 323.4  | 316.9  | 313.8  |
| 57.5°  | 342.2  | 310.9  | 293.3  | 280.5  | 272.1  | 267.9  | 266.4  |
| 60°    | 299.6  | 275.1  | 258.9  | 248.9  | 243.2  | 237.8  | 236.3  |
| 62.5°  | 261.9  | 242.6  | 230.0  | 221.4  | 215.6  | 213.3  | 212.4  |
| 65°    | 211.0  | 198.3  | 189.1  | 183.8  | 179.2  | 178.3  | 178.0  |
| 67.5°  | 167.7  | 160.3  | 155.4  | 149.9  | 148.2  | 145.5  | 145.0  |
| 70°    | 143.5  | 138.5  | 132.7  | 130.8  | 128.9  | 126.2  | 126.6  |
| 72.5°  | 121.7  | 116.7  | 112.8  | 110.3  | 109.6  | 108.5  | 109.4  |
| 75°    | 89.0   | 87.5   | 85.9   | 84.0   | 83.2   | 83.2   | 82.9   |
| 77.5°  | 63.5   | 62.2   | 60.5   | 59.4   | 59.2   | 57.6   | 58.2   |
| 80°    | 46.0   | 44.1   | 43.3   | 43.7   | 42.6   | 42.2   | 42.2   |
| 82.5°  | 34.0   | 33.3   | 32.6   | 32.7   | 32.4   | 32.1   | 32.4   |
| 85°    | 18.8   | 18.4   | 18.4   | 18.1   | 18.1   | 17.7   | 17.7   |
| 87.5°  | 12.6   | 13.3   | 12.9   | 12.8   | 13.0   | 13.5   | 14.0   |
| 90°    | 29.5   | 31.1   | 32.5   | 33.5   | 34.5   | 35.5   | 36.6   |
| 92.5°  | 65.1   | 67.5   | 68.9   | 69.7   | 70.4   | 71.1   | 71.9   |
| 95°    | 124.4  | 126.7  | 128.3  | 129.0  | 129.7  | 130.3  | 131.0  |
| 97.5°  | 193.4  | 195.6  | 197.0  | 197.4  | 197.8  | 198.2  | 198.6  |
| 100°   | 242.2  | 245.2  | 247.1  | 247.7  | 248.4  | 249.1  | 249.7  |
| 102.5° | 291.8  | 295.0  | 297.2  | 298.1  | 299.0  | 300.0  | 300.9  |
| 105°   | 370.1  | 372.1  | 373.7  | 374.7  | 375.7  | 376.7  | 377.7  |
| 107.5° | 455.0  | 456.1  | 456.6  | 456.5  | 456.5  | 456.4  | 456.3  |
| 110°   | 514.8  | 515.8  | 516.1  | 515.8  | 515.4  | 515.1  | 514.8  |



TEST NUMBER: P333677-840

CATALOG NUMBER: S125RDIW-S610D1560U840-4F0-1E-UDD-A1

**CANDELA DISTRIBUTION (continued):**

|        | 330°   | 335°   | 340°   | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 574.1  | 574.5  | 574.5  | 573.9  | 573.3  | 572.7  | 572.1  |
| 115°   | 664.6  | 664.2  | 663.9  | 663.6  | 663.2  | 662.9  | 662.6  |
| 117.5° | 756.6  | 756.8  | 756.3  | 754.9  | 753.6  | 752.2  | 750.8  |
| 120°   | 817.9  | 817.9  | 817.2  | 815.9  | 814.5  | 813.1  | 811.8  |
| 122.5° | 878.0  | 877.7  | 877.1  | 876.0  | 874.8  | 873.7  | 872.7  |
| 125°   | 966.6  | 965.9  | 965.4  | 965.1  | 964.7  | 964.4  | 964.1  |
| 127.5° | 1055.4 | 1055.0 | 1054.5 | 1053.8 | 1053.2 | 1052.5 | 1051.8 |
| 130°   | 1113.9 | 1113.5 | 1113.0 | 1112.4 | 1111.7 | 1111.0 | 1110.3 |
| 132.5° | 1169.9 | 1169.5 | 1168.9 | 1168.0 | 1167.0 | 1166.1 | 1165.1 |
| 135°   | 1256.5 | 1256.5 | 1255.9 | 1254.5 | 1253.1 | 1251.7 | 1250.4 |
| 137.5° | 1340.9 | 1341.3 | 1340.7 | 1339.0 | 1337.3 | 1335.5 | 1333.8 |
| 140°   | 1394.1 | 1394.7 | 1394.2 | 1392.6 | 1390.9 | 1389.2 | 1387.5 |
| 142.5° | 1445.6 | 1446.1 | 1445.4 | 1443.7 | 1442.1 | 1440.4 | 1438.7 |
| 145°   | 1519.9 | 1519.9 | 1519.4 | 1518.4 | 1517.4 | 1516.4 | 1515.4 |
| 147.5° | 1590.0 | 1590.8 | 1590.1 | 1587.8 | 1585.5 | 1583.3 | 1580.9 |
| 150°   | 1632.7 | 1632.7 | 1632.3 | 1631.6 | 1631.0 | 1630.3 | 1629.6 |
| 152.5° | 1674.2 | 1675.0 | 1674.8 | 1673.5 | 1672.3 | 1671.1 | 1669.9 |
| 155°   | 1732.7 | 1734.0 | 1733.9 | 1732.2 | 1730.5 | 1728.8 | 1727.2 |
| 157.5° | 1783.0 | 1784.3 | 1783.9 | 1781.6 | 1779.4 | 1777.2 | 1774.9 |
| 160°   | 1813.4 | 1814.8 | 1814.6 | 1812.9 | 1811.2 | 1809.6 | 1807.9 |
| 162.5° | 1842.3 | 1843.9 | 1843.7 | 1841.8 | 1839.8 | 1837.9 | 1835.8 |
| 165°   | 1880.5 | 1881.8 | 1881.5 | 1879.5 | 1877.4 | 1875.4 | 1873.3 |
| 167.5° | 1909.6 | 1911.6 | 1911.6 | 1909.5 | 1907.4 | 1905.3 | 1903.2 |
| 170°   | 1926.6 | 1928.6 | 1928.5 | 1926.1 | 1923.8 | 1921.4 | 1919.0 |
| 172.5° | 1938.8 | 1940.9 | 1940.9 | 1938.7 | 1936.6 | 1934.5 | 1932.5 |
| 175°   | 1952.6 | 1954.6 | 1954.4 | 1952.1 | 1949.6 | 1947.3 | 1944.9 |
| 177.5° | 1958.3 | 1959.9 | 1959.8 | 1957.9 | 1956.0 | 1954.1 | 1952.3 |
| 180°   | 1957.1 | 1957.1 | 1957.1 | 1957.1 | 1957.1 | 1957.1 | 1957.1 |

(END OF REPORT)