

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: P333660-830

Luminaire Tested: **S125RDIW-S610D470U830-4F0-1E-UDD-A**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P333660-830
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-7,
Test Lab: INNOVATION CENTER
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: NEO-RAY
Catalog Number: S125RDIW-S610D470U830-4F0-1E-UDD-A
Description: DEFINE 5 DIRECT-INDIRECT WALL MOUNT LED LUMINAIRE
DOWNLIGHT 610 LUMENS PER FOOT, ASYMMETRIC DIFFUSER, REGRESSED HOUSING
UPLIGHT 470 LUMENS PER FOOT, NO LENS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4027.3 lumens
Efficiency: N/A
Efficacy: 133.4 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

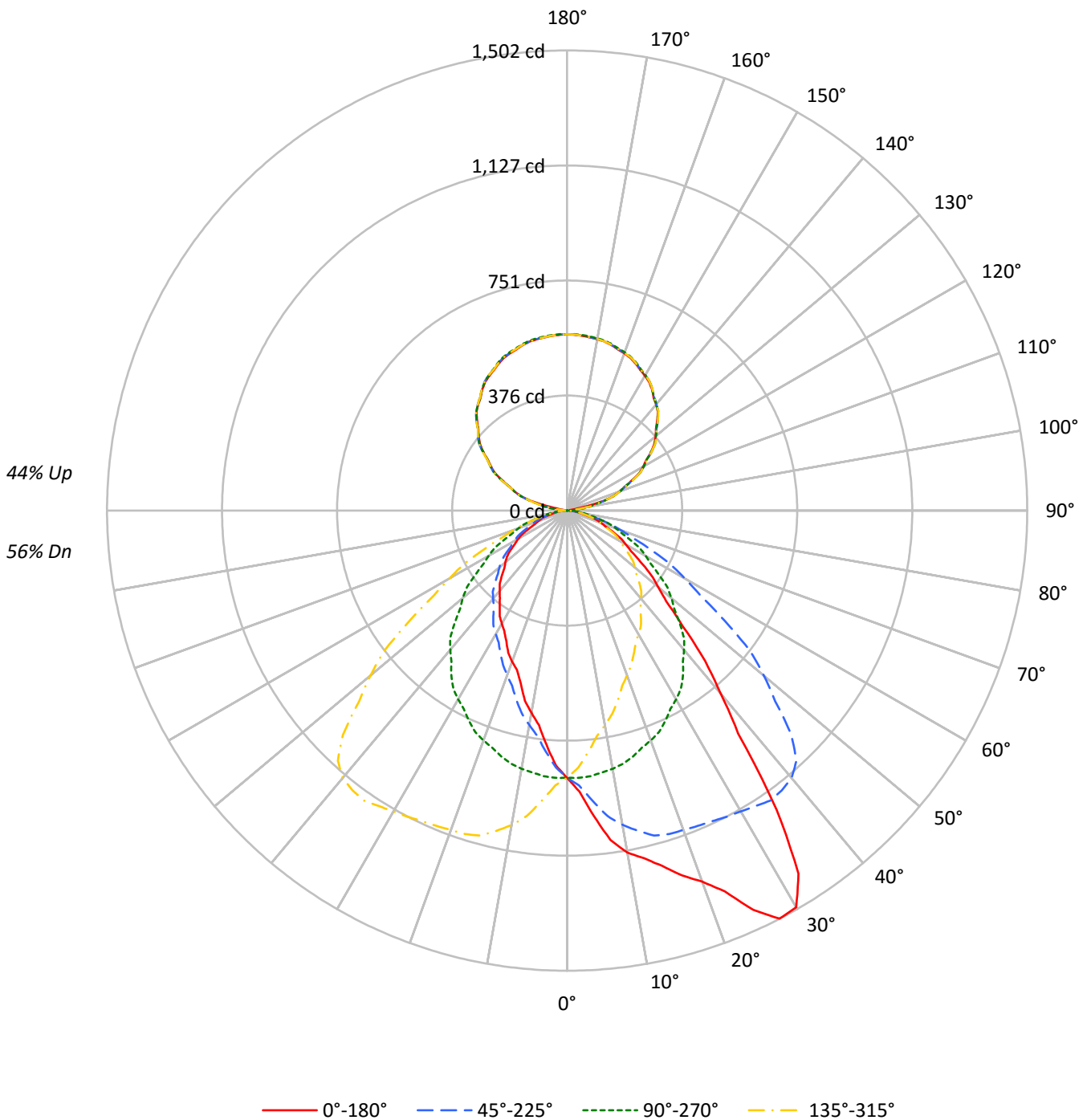
Input Watts (W): 30.2
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P333660-830

CATALOG NUMBER: S125RDIW-S610D470U830-4F0-1E-UDD-A

Luminous Intensity Polar Plot





TEST NUMBER: P333660-830

CATALOG NUMBER: S125RDIW-S610D470U830-4F0-1E-UDD-A

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 | 101 | 101 | 101 | 101 | 87 | 87 | 87 | 74 | 74 | 74 | 62 | 62 | 62 | 56 |
| 1 | 100 | 95 | 92 | 88 | 93 | 89 | 86 | 83 | 77 | 74 | 72 | 66 | 64 | 62 | 55 | 54 | 53 | 48 |
| 2 | 91 | 84 | 78 | 73 | 85 | 78 | 73 | 69 | 68 | 64 | 61 | 58 | 55 | 53 | 49 | 47 | 45 | 41 |
| 3 | 83 | 74 | 67 | 61 | 77 | 69 | 63 | 58 | 60 | 55 | 51 | 52 | 48 | 45 | 44 | 41 | 39 | 35 |
| 4 | 76 | 66 | 58 | 52 | 71 | 62 | 55 | 49 | 54 | 48 | 44 | 46 | 42 | 39 | 40 | 37 | 34 | 31 |
| 5 | 70 | 59 | 51 | 45 | 65 | 55 | 48 | 43 | 48 | 43 | 38 | 42 | 37 | 34 | 36 | 32 | 30 | 27 |
| 6 | 65 | 53 | 45 | 39 | 60 | 50 | 42 | 37 | 44 | 38 | 34 | 38 | 33 | 30 | 33 | 29 | 26 | 24 |
| 7 | 60 | 48 | 40 | 34 | 56 | 45 | 38 | 33 | 40 | 34 | 30 | 35 | 30 | 27 | 30 | 26 | 24 | 21 |
| 8 | 56 | 44 | 36 | 31 | 52 | 41 | 34 | 29 | 36 | 30 | 26 | 32 | 27 | 24 | 27 | 24 | 21 | 19 |
| 9 | 52 | 40 | 32 | 27 | 48 | 38 | 31 | 26 | 33 | 28 | 24 | 29 | 25 | 21 | 25 | 22 | 19 | 17 |
| 10 | 49 | 37 | 29 | 25 | 45 | 34 | 28 | 23 | 31 | 25 | 21 | 27 | 22 | 19 | 23 | 20 | 17 | 15 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|-------|------|------|------|
| 0° | 5633 | 5633 | 5633 | 5633 |
| 5° | 6481 | 5641 | 4982 | 5641 |
| 10° | 7434 | 5612 | 4395 | 5612 |
| 15° | 8029 | 5554 | 3907 | 5554 |
| 20° | 8854 | 5487 | 3608 | 5487 |
| 25° | 10246 | 5399 | 3348 | 5399 |
| 30° | 11150 | 5305 | 3177 | 5305 |
| 35° | 9406 | 5196 | 3020 | 5196 |
| 40° | 6568 | 5001 | 2886 | 5001 |
| 45° | 4873 | 4738 | 2754 | 4738 |
| 50° | 3885 | 4464 | 2640 | 4464 |
| 55° | 3297 | 4124 | 2540 | 4124 |
| 60° | 2849 | 3821 | 2378 | 3821 |
| 65° | 2540 | 3492 | 2046 | 3492 |
| 70° | 2232 | 3199 | 1866 | 3199 |
| 75° | 1931 | 2770 | 1752 | 2770 |
| 80° | 1465 | 2332 | 1465 | 2332 |
| 85° | 1223 | 1830 | 1386 | 1830 |



TEST NUMBER: P333660-830

CATALOG NUMBER: S125RDIW-S610D470U830-4F0-1E-UDD-A

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 83.6 | 2.1 |
| 10°-20° | 245.1 | 6.1 |
| 20°-30° | 388.6 | 9.7 |
| 30°-40° | 468.7 | 11.6 |
| 40°-50° | 418.5 | 10.4 |
| 50°-60° | 321.0 | 8.0 |
| 60°-70° | 208.6 | 5.2 |
| 70°-80° | 101.4 | 2.5 |
| 80°-90° | 25.4 | 0.6 |
| 90°-100° | 20.9 | 0.5 |
| 100°-110° | 128.8 | 3.2 |
| 110°-120° | 233.6 | 5.8 |
| 120°-130° | 299.9 | 7.4 |
| 130°-140° | 322.5 | 8.0 |
| 140°-150° | 302.7 | 7.5 |
| 150°-160° | 244.9 | 6.1 |
| 160°-170° | 158.4 | 3.9 |
| 170°-180° | 54.6 | 1.4 |
| 0°-30° | 717.4 | 17.8 |
| 0°-40° | 1186.0 | 29.5 |
| 0°-60° | 1925.5 | 47.8 |
| 0°-90° | 2260.9 | 56.1 |
| 90°-120° | 383.4 | 9.5 |
| 90°-150° | 1308.5 | 32.5 |
| 90°-180° | 1766.0 | 43.9 |
| 0°-180° | 4027.3 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|------|-----|------|------|------|------|
| 0° | 872 | 872 | 872 | 872 | 872 | |
| 5° | 1000 | 870 | 768 | 870 | 1000 | 100 |
| 15° | 1201 | 831 | 584 | 831 | 1201 | 344 |
| 25° | 1438 | 758 | 470 | 758 | 1438 | 660 |
| 35° | 1193 | 659 | 383 | 659 | 1193 | 721 |
| 45° | 534 | 519 | 302 | 519 | 534 | 426 |
| 55° | 293 | 366 | 226 | 366 | 293 | 266 |
| 65° | 166 | 228 | 134 | 228 | 166 | 165 |
| 75° | 77 | 111 | 70 | 111 | 77 | 82 |
| 85° | 16 | 25 | 19 | 25 | 16 | 19 |
| 90° | 10 | 0 | 10 | 0 | 10 | 5 |
| 95° | 9 | 24 | 9 | 24 | 9 | 7 |
| 105° | 127 | 125 | 127 | 125 | 127 | 115 |
| 115° | 234 | 235 | 234 | 235 | 234 | 232 |
| 125° | 335 | 335 | 335 | 335 | 335 | 298 |
| 135° | 416 | 418 | 416 | 418 | 416 | 321 |
| 145° | 483 | 484 | 483 | 484 | 483 | 301 |
| 155° | 529 | 533 | 529 | 533 | 529 | 244 |
| 165° | 559 | 562 | 559 | 562 | 559 | 158 |
| 175° | 573 | 575 | 573 | 575 | 573 | 54 |
| 180° | 575 | 575 | 575 | 575 | 575 | |



TEST NUMBER: P333660-830

CATALOG NUMBER: S125RDIW-S610D470U830-4F0-1E-UDD-A

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 872.2 | 872.2 | 872.2 | 872.2 | 872.2 | 872.2 | 872.2 | 872.2 | 872.2 | 872.2 | 872.2 |
| 2.5° | 917.5 | 916.9 | 918.0 | 914.8 | 915.2 | 910.3 | 910.3 | 906.5 | 901.7 | 898.0 | 896.3 |
| 5° | 999.7 | 1000.4 | 998.9 | 993.5 | 990.0 | 984.6 | 978.5 | 967.8 | 958.8 | 950.3 | 943.5 |
| 7.5° | 1084.3 | 1084.8 | 1080.1 | 1078.5 | 1069.4 | 1062.8 | 1049.3 | 1034.7 | 1021.7 | 1005.2 | 992.7 |
| 10° | 1133.6 | 1133.2 | 1128.2 | 1124.3 | 1116.3 | 1106.4 | 1093.1 | 1075.9 | 1059.8 | 1041.9 | 1024.7 |
| 12.5° | 1162.2 | 1161.3 | 1159.7 | 1154.9 | 1147.6 | 1138.7 | 1127.5 | 1110.6 | 1090.7 | 1071.1 | 1051.1 |
| 15° | 1200.9 | 1198.3 | 1193.7 | 1187.6 | 1177.2 | 1166.9 | 1154.3 | 1139.3 | 1120.3 | 1098.2 | 1079.5 |
| 17.5° | 1248.7 | 1248.8 | 1241.6 | 1233.2 | 1219.1 | 1200.7 | 1181.4 | 1157.2 | 1131.3 | 1106.9 | 1087.1 |
| 20° | 1288.3 | 1287.1 | 1280.0 | 1263.6 | 1247.5 | 1224.6 | 1202.3 | 1172.6 | 1141.1 | 1109.2 | 1084.5 |
| 22.5° | 1344.9 | 1342.2 | 1334.7 | 1313.1 | 1288.1 | 1258.6 | 1224.6 | 1188.4 | 1150.3 | 1114.1 | 1081.7 |
| 25° | 1437.9 | 1435.8 | 1421.1 | 1396.0 | 1360.9 | 1315.4 | 1271.0 | 1221.3 | 1166.5 | 1118.9 | 1079.5 |
| 27.5° | 1501.5 | 1499.1 | 1488.3 | 1467.4 | 1435.0 | 1387.2 | 1327.1 | 1260.7 | 1192.2 | 1126.7 | 1069.9 |
| 30° | 1495.2 | 1500.5 | 1499.1 | 1489.5 | 1465.1 | 1422.1 | 1366.7 | 1291.8 | 1210.5 | 1133.6 | 1065.9 |
| 32.5° | 1405.2 | 1410.0 | 1422.7 | 1441.6 | 1443.0 | 1425.9 | 1384.4 | 1315.3 | 1231.1 | 1143.6 | 1062.7 |
| 35° | 1193.0 | 1199.5 | 1223.8 | 1262.1 | 1312.2 | 1354.2 | 1362.7 | 1325.5 | 1249.9 | 1155.7 | 1058.0 |
| 37.5° | 917.2 | 952.4 | 972.9 | 1013.2 | 1088.9 | 1166.0 | 1240.1 | 1267.4 | 1235.3 | 1150.8 | 1050.4 |
| 40° | 779.1 | 787.7 | 824.3 | 869.7 | 933.4 | 1013.6 | 1119.3 | 1195.5 | 1198.0 | 1139.3 | 1038.3 |
| 42.5° | 666.8 | 677.7 | 702.8 | 739.0 | 793.6 | 873.8 | 982.9 | 1083.5 | 1130.1 | 1107.8 | 1022.6 |
| 45° | 533.5 | 541.7 | 560.0 | 587.9 | 629.8 | 696.1 | 789.9 | 906.3 | 998.6 | 1034.7 | 980.3 |
| 47.5° | 438.3 | 442.7 | 458.5 | 479.8 | 510.9 | 559.1 | 631.7 | 732.7 | 843.6 | 921.2 | 913.6 |
| 50° | 386.7 | 391.7 | 403.9 | 420.0 | 446.1 | 486.9 | 545.0 | 629.1 | 743.3 | 838.2 | 857.1 |
| 52.5° | 346.6 | 350.7 | 358.4 | 373.6 | 395.1 | 426.5 | 473.3 | 549.5 | 652.2 | 753.1 | 797.0 |
| 55° | 292.8 | 295.8 | 301.8 | 310.4 | 327.6 | 350.2 | 390.6 | 443.3 | 526.3 | 628.0 | 692.5 |
| 57.5° | 248.6 | 250.1 | 253.9 | 261.8 | 273.7 | 290.2 | 319.4 | 364.1 | 423.7 | 515.2 | 586.4 |
| 60° | 220.6 | 222.0 | 227.0 | 232.3 | 241.7 | 256.7 | 279.7 | 310.8 | 368.1 | 443.7 | 515.6 |
| 62.5° | 198.2 | 199.1 | 201.2 | 206.6 | 214.7 | 226.4 | 244.4 | 269.8 | 315.4 | 381.7 | 449.7 |
| 65° | 166.2 | 166.5 | 167.2 | 171.5 | 176.5 | 185.1 | 196.9 | 214.8 | 249.2 | 299.4 | 359.5 |
| 67.5° | 135.3 | 135.8 | 138.4 | 139.9 | 145.1 | 149.6 | 156.6 | 170.2 | 194.4 | 228.2 | 274.9 |
| 70° | 118.2 | 117.8 | 120.3 | 122.1 | 123.9 | 129.2 | 133.9 | 145.0 | 160.0 | 185.9 | 224.9 |
| 72.5° | 102.1 | 101.2 | 102.3 | 102.9 | 105.3 | 109.0 | 113.6 | 120.4 | 132.0 | 149.8 | 179.6 |
| 75° | 77.4 | 77.7 | 77.7 | 78.4 | 80.2 | 81.6 | 83.0 | 86.6 | 93.1 | 104.9 | 121.0 |
| 77.5° | 54.3 | 53.7 | 55.2 | 55.4 | 56.5 | 58.1 | 59.3 | 60.7 | 63.3 | 68.2 | 76.5 |
| 80° | 39.4 | 39.4 | 39.8 | 40.8 | 40.4 | 41.2 | 43.0 | 44.4 | 47.6 | 50.5 | 53.3 |
| 82.5° | 30.3 | 30.0 | 30.3 | 30.5 | 30.4 | 31.1 | 31.8 | 32.0 | 33.3 | 34.7 | 36.8 |
| 85° | 16.5 | 16.5 | 16.9 | 16.9 | 17.2 | 17.2 | 17.5 | 17.5 | 17.5 | 17.9 | 18.3 |
| 87.5° | 8.4 | 8.0 | 7.6 | 7.6 | 7.8 | 8.3 | 7.9 | 7.5 | 7.4 | 7.4 | 7.5 |
| 90° | 10.3 | 10.0 | 9.7 | 9.4 | 9.1 | 8.7 | 8.2 | 7.7 | 7.3 | 6.8 | 6.1 |
| 92.5° | 9.5 | 9.4 | 9.3 | 9.1 | 9.0 | 8.7 | 8.2 | 7.7 | 7.3 | 6.8 | 6.2 |
| 95° | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 8.7 | 8.2 | 7.7 | 7.3 | 6.8 | 10.5 |
| 97.5° | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 10.3 | 13.0 | 15.6 | 18.3 | 21.0 | 28.1 |
| 100° | 9.0 | 9.3 | 9.7 | 10.1 | 10.5 | 17.7 | 31.9 | 46.0 | 60.0 | 74.2 | 73.8 |
| 102.5° | 53.6 | 60.0 | 66.5 | 73.0 | 79.5 | 84.0 | 86.6 | 89.4 | 92.0 | 94.6 | 94.4 |
| 105° | 126.7 | 126.8 | 126.9 | 127.0 | 127.1 | 127.1 | 127.1 | 127.1 | 127.1 | 127.1 | 127.1 |
| 107.5° | 159.7 | 159.9 | 160.2 | 160.5 | 160.8 | 160.9 | 160.9 | 160.9 | 160.9 | 160.8 | 160.6 |
| 110° | 182.5 | 182.4 | 182.3 | 182.2 | 182.1 | 182.2 | 182.5 | 182.8 | 183.0 | 183.3 | 183.1 |



TEST NUMBER: P333660-830

CATALOG NUMBER: S125RDIW-S610D470U830-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 202.9 | 203.1 | 203.2 | 203.4 | 203.5 | 203.8 | 204.1 | 204.4 | 204.8 | 205.2 | 205.1 |
| 115° | 233.7 | 234.2 | 234.8 | 235.4 | 235.9 | 236.4 | 236.8 | 237.1 | 237.5 | 237.9 | 237.8 |
| 117.5° | 266.5 | 266.6 | 266.9 | 267.1 | 267.4 | 267.8 | 268.2 | 268.7 | 269.3 | 269.8 | 269.4 |
| 120° | 286.5 | 287.0 | 287.5 | 287.9 | 288.4 | 288.8 | 289.0 | 289.2 | 289.4 | 289.5 | 289.3 |
| 122.5° | 305.7 | 306.2 | 306.7 | 307.3 | 307.8 | 308.2 | 308.4 | 308.6 | 308.8 | 309.0 | 308.9 |
| 125° | 334.7 | 335.0 | 335.3 | 335.5 | 335.8 | 336.2 | 336.6 | 337.0 | 337.3 | 337.7 | 337.7 |
| 127.5° | 359.2 | 359.9 | 360.6 | 361.3 | 362.0 | 362.5 | 362.7 | 362.9 | 363.1 | 363.3 | 363.4 |
| 130° | 376.9 | 377.4 | 377.9 | 378.3 | 378.8 | 379.2 | 379.5 | 379.8 | 380.0 | 380.3 | 380.2 |
| 132.5° | 393.3 | 393.8 | 394.3 | 394.7 | 395.2 | 395.5 | 395.5 | 395.6 | 395.7 | 395.7 | 395.9 |
| 135° | 415.8 | 416.3 | 416.9 | 417.5 | 418.0 | 418.4 | 418.6 | 418.8 | 419.0 | 419.1 | 419.3 |
| 137.5° | 438.3 | 438.8 | 439.2 | 439.7 | 440.3 | 440.5 | 440.5 | 440.4 | 440.4 | 440.3 | 440.5 |
| 140° | 451.6 | 452.1 | 452.7 | 453.3 | 453.8 | 454.0 | 453.8 | 453.6 | 453.5 | 453.3 | 453.4 |
| 142.5° | 464.2 | 464.8 | 465.3 | 465.9 | 466.5 | 466.7 | 466.7 | 466.7 | 466.6 | 466.6 | 466.5 |
| 145° | 482.7 | 483.2 | 483.8 | 484.4 | 484.9 | 485.2 | 485.1 | 485.0 | 484.9 | 484.8 | 484.8 |
| 147.5° | 497.9 | 498.6 | 499.4 | 500.0 | 500.7 | 501.0 | 500.9 | 500.8 | 500.6 | 500.5 | 500.4 |
| 150° | 507.8 | 508.6 | 509.3 | 510.1 | 510.9 | 511.1 | 511.0 | 510.8 | 510.6 | 510.4 | 510.2 |
| 152.5° | 517.1 | 517.7 | 518.4 | 519.1 | 519.8 | 520.0 | 519.8 | 519.6 | 519.4 | 519.2 | 519.1 |
| 155° | 529.1 | 529.9 | 530.7 | 531.4 | 532.2 | 532.4 | 532.2 | 531.9 | 531.6 | 531.3 | 531.1 |
| 157.5° | 539.3 | 540.1 | 540.8 | 541.6 | 542.3 | 542.5 | 542.2 | 542.0 | 541.7 | 541.4 | 541.3 |
| 160° | 545.8 | 546.6 | 547.3 | 548.1 | 548.8 | 549.0 | 548.7 | 548.3 | 547.9 | 547.5 | 547.4 |
| 162.5° | 551.6 | 552.4 | 553.3 | 554.1 | 555.0 | 555.1 | 554.6 | 554.0 | 553.5 | 553.0 | 552.9 |
| 165° | 559.4 | 560.2 | 560.9 | 561.8 | 562.5 | 562.6 | 562.0 | 561.5 | 560.8 | 560.2 | 560.2 |
| 167.5° | 564.9 | 565.7 | 566.6 | 567.4 | 568.4 | 568.4 | 567.7 | 567.0 | 566.4 | 565.6 | 565.5 |
| 170° | 568.0 | 568.8 | 569.7 | 570.5 | 571.4 | 571.5 | 570.7 | 569.9 | 569.1 | 568.4 | 568.3 |
| 172.5° | 570.0 | 570.9 | 571.7 | 572.6 | 573.4 | 573.5 | 572.8 | 572.1 | 571.5 | 570.8 | 570.6 |
| 175° | 572.7 | 573.5 | 574.4 | 575.2 | 576.1 | 576.1 | 575.3 | 574.6 | 573.8 | 573.1 | 573.0 |
| 177.5° | 574.2 | 574.8 | 575.4 | 576.0 | 576.6 | 576.6 | 576.1 | 575.6 | 575.0 | 574.6 | 574.5 |
| 180° | 575.2 | 575.2 | 575.2 | 575.2 | 575.2 | 575.2 | 575.2 | 575.2 | 575.2 | 575.2 | 575.2 |



TEST NUMBER: P333660-830

CATALOG NUMBER: S125RDIW-S610D470U830-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 872.2 | 872.2 | 872.2 | 872.2 | 872.2 | 872.2 | 872.2 | 872.2 | 872.2 | 872.2 | 872.2 |
| 2.5° | 896.3 | 894.3 | 890.5 | 887.1 | 882.8 | 879.1 | 876.5 | 873.4 | 869.3 | 864.5 | 860.4 |
| 5° | 935.9 | 928.0 | 917.7 | 908.7 | 897.3 | 888.3 | 879.0 | 870.1 | 861.1 | 849.6 | 839.6 |
| 7.5° | 979.9 | 963.7 | 947.8 | 927.9 | 909.8 | 893.7 | 878.3 | 862.6 | 847.3 | 831.0 | 815.3 |
| 10° | 1006.8 | 987.1 | 965.3 | 940.2 | 917.3 | 895.5 | 875.4 | 855.7 | 835.0 | 816.7 | 797.0 |
| 12.5° | 1032.0 | 1006.6 | 981.7 | 950.0 | 922.5 | 895.8 | 870.2 | 845.7 | 823.5 | 799.8 | 778.6 |
| 15° | 1054.8 | 1029.7 | 1001.8 | 963.2 | 924.8 | 892.6 | 862.5 | 830.7 | 803.1 | 776.6 | 753.0 |
| 17.5° | 1063.6 | 1037.4 | 1004.8 | 967.7 | 925.9 | 885.3 | 846.6 | 811.6 | 779.2 | 748.3 | 721.7 |
| 20° | 1060.2 | 1034.7 | 1001.5 | 966.0 | 921.2 | 879.0 | 837.1 | 798.4 | 762.2 | 729.7 | 701.4 |
| 22.5° | 1051.9 | 1025.6 | 993.4 | 956.0 | 913.5 | 868.6 | 824.0 | 782.7 | 744.8 | 711.1 | 680.2 |
| 25° | 1039.4 | 1003.6 | 970.6 | 934.2 | 893.7 | 849.3 | 803.1 | 757.6 | 717.2 | 682.8 | 649.1 |
| 27.5° | 1026.4 | 981.8 | 939.9 | 903.5 | 860.8 | 821.2 | 776.7 | 730.1 | 687.5 | 652.5 | 618.0 |
| 30° | 1014.7 | 964.6 | 918.4 | 877.2 | 836.8 | 799.2 | 756.9 | 711.4 | 667.8 | 631.6 | 596.5 |
| 32.5° | 1000.1 | 946.8 | 896.1 | 848.6 | 809.5 | 772.2 | 734.0 | 690.5 | 648.0 | 610.7 | 575.0 |
| 35° | 981.8 | 913.7 | 858.6 | 808.1 | 764.8 | 728.6 | 694.3 | 659.1 | 616.5 | 577.9 | 543.2 |
| 37.5° | 957.7 | 880.5 | 816.7 | 761.7 | 716.0 | 679.7 | 652.6 | 620.5 | 581.6 | 544.6 | 512.4 |
| 40° | 943.1 | 856.5 | 786.6 | 732.2 | 684.2 | 645.9 | 620.5 | 593.2 | 557.8 | 523.1 | 490.9 |
| 42.5° | 923.6 | 834.4 | 756.3 | 699.6 | 651.3 | 614.4 | 588.7 | 565.0 | 535.2 | 502.5 | 468.0 |
| 45° | 885.4 | 791.6 | 709.6 | 648.8 | 600.1 | 563.9 | 539.9 | 518.8 | 496.2 | 466.2 | 436.1 |
| 47.5° | 835.8 | 747.1 | 661.2 | 594.7 | 547.1 | 513.5 | 490.2 | 473.5 | 457.4 | 431.9 | 402.7 |
| 50° | 796.0 | 710.4 | 626.6 | 562.1 | 511.3 | 479.4 | 457.6 | 444.3 | 429.6 | 406.4 | 382.0 |
| 52.5° | 748.9 | 672.6 | 590.5 | 524.6 | 476.6 | 446.8 | 425.7 | 412.6 | 400.4 | 381.4 | 358.3 |
| 55° | 675.0 | 607.9 | 532.7 | 473.0 | 429.0 | 398.9 | 378.8 | 366.3 | 359.1 | 343.0 | 324.7 |
| 57.5° | 589.5 | 541.5 | 475.2 | 417.5 | 378.6 | 348.8 | 334.2 | 323.6 | 315.5 | 304.1 | 291.2 |
| 60° | 529.9 | 496.2 | 436.8 | 382.0 | 346.2 | 317.9 | 304.7 | 295.8 | 288.2 | 278.5 | 268.5 |
| 62.5° | 469.5 | 445.0 | 393.3 | 346.2 | 313.3 | 289.5 | 277.2 | 269.1 | 260.4 | 253.9 | 244.2 |
| 65° | 388.5 | 366.6 | 330.8 | 294.0 | 263.5 | 244.6 | 235.6 | 228.5 | 223.1 | 215.9 | 209.1 |
| 67.5° | 302.2 | 293.3 | 268.6 | 243.2 | 221.3 | 204.4 | 196.7 | 191.7 | 185.2 | 181.0 | 176.3 |
| 70° | 249.2 | 244.9 | 227.3 | 210.6 | 190.1 | 178.7 | 171.5 | 169.4 | 161.5 | 157.2 | 153.9 |
| 72.5° | 202.3 | 200.2 | 190.1 | 178.4 | 164.1 | 154.0 | 147.4 | 145.0 | 140.0 | 136.6 | 134.5 |
| 75° | 138.6 | 139.3 | 137.5 | 130.0 | 124.6 | 118.2 | 112.4 | 111.0 | 107.4 | 104.5 | 102.7 |
| 77.5° | 87.7 | 91.3 | 91.4 | 91.0 | 89.0 | 85.0 | 82.7 | 81.5 | 78.0 | 77.0 | 76.5 |
| 80° | 60.1 | 64.1 | 67.7 | 67.3 | 66.6 | 65.5 | 63.7 | 62.7 | 60.9 | 59.8 | 59.1 |
| 82.5° | 40.1 | 43.7 | 46.8 | 48.7 | 48.5 | 47.5 | 46.3 | 45.7 | 45.4 | 44.6 | 44.5 |
| 85° | 18.9 | 19.7 | 20.7 | 23.3 | 25.1 | 25.4 | 25.1 | 24.7 | 23.7 | 24.0 | 24.3 |
| 87.5° | 7.7 | 7.5 | 7.7 | 7.5 | 7.2 | 8.4 | 9.1 | 9.2 | 8.9 | 8.4 | 8.0 |
| 90° | 5.5 | 4.8 | 4.1 | 3.5 | 2.7 | 2.0 | 1.2 | 0.5 | 1.2 | 2.0 | 2.7 |
| 92.5° | 5.7 | 5.1 | 4.4 | 4.4 | 5.0 | 5.5 | 6.0 | 6.6 | 6.0 | 5.5 | 5.0 |
| 95° | 14.0 | 17.6 | 21.2 | 23.2 | 23.5 | 23.8 | 24.0 | 24.3 | 24.0 | 23.8 | 23.5 |
| 97.5° | 35.3 | 42.3 | 49.5 | 52.8 | 52.3 | 51.7 | 51.3 | 50.7 | 51.3 | 51.7 | 52.3 |
| 100° | 73.4 | 73.0 | 72.7 | 72.4 | 72.1 | 71.8 | 71.5 | 71.2 | 71.5 | 71.8 | 72.1 |
| 102.5° | 94.2 | 94.0 | 93.8 | 93.5 | 93.1 | 92.7 | 92.4 | 92.0 | 92.4 | 92.7 | 93.1 |
| 105° | 127.1 | 127.1 | 127.1 | 126.9 | 126.5 | 126.1 | 125.7 | 125.4 | 125.7 | 126.1 | 126.5 |
| 107.5° | 160.4 | 160.2 | 160.0 | 159.9 | 159.9 | 159.9 | 159.9 | 159.9 | 159.9 | 159.9 | 159.9 |
| 110° | 182.9 | 182.8 | 182.6 | 182.5 | 182.5 | 182.5 | 182.5 | 182.5 | 182.5 | 182.5 | 182.5 |



TEST NUMBER: P333660-830

CATALOG NUMBER: S125RDIW-S610D470U830-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 205.0 | 204.8 | 204.7 | 204.5 | 204.3 | 204.1 | 203.9 | 203.7 | 203.9 | 204.1 | 204.3 |
| 115° | 237.7 | 237.6 | 237.5 | 237.2 | 236.8 | 236.3 | 235.8 | 235.4 | 235.8 | 236.3 | 236.8 |
| 117.5° | 269.0 | 268.6 | 268.3 | 268.2 | 268.2 | 268.2 | 268.2 | 268.2 | 268.2 | 268.2 | 268.2 |
| 120° | 289.0 | 288.7 | 288.4 | 288.3 | 288.4 | 288.5 | 288.6 | 288.7 | 288.6 | 288.5 | 288.4 |
| 122.5° | 308.7 | 308.6 | 308.4 | 308.2 | 307.8 | 307.5 | 307.1 | 306.8 | 307.1 | 307.5 | 307.8 |
| 125° | 337.7 | 337.7 | 337.7 | 337.3 | 336.7 | 336.0 | 335.4 | 334.7 | 335.4 | 336.0 | 336.7 |
| 127.5° | 363.4 | 363.4 | 363.5 | 363.4 | 362.9 | 362.4 | 361.9 | 361.4 | 361.9 | 362.4 | 362.9 |
| 130° | 380.1 | 380.0 | 379.9 | 379.7 | 379.2 | 378.7 | 378.2 | 377.8 | 378.2 | 378.7 | 379.2 |
| 132.5° | 396.2 | 396.3 | 396.5 | 396.3 | 395.8 | 395.3 | 394.7 | 394.2 | 394.7 | 395.3 | 395.8 |
| 135° | 419.5 | 419.7 | 419.9 | 419.7 | 419.1 | 418.6 | 418.0 | 417.5 | 418.0 | 418.6 | 419.1 |
| 137.5° | 440.6 | 440.8 | 441.0 | 440.8 | 440.4 | 439.8 | 439.3 | 438.8 | 439.3 | 439.8 | 440.4 |
| 140° | 453.5 | 453.6 | 453.6 | 453.6 | 453.4 | 453.2 | 453.0 | 452.8 | 453.0 | 453.2 | 453.4 |
| 142.5° | 466.3 | 466.2 | 466.0 | 465.9 | 465.8 | 465.7 | 465.6 | 465.4 | 465.6 | 465.7 | 465.8 |
| 145° | 484.8 | 484.8 | 484.8 | 484.7 | 484.6 | 484.4 | 484.2 | 484.0 | 484.2 | 484.4 | 484.6 |
| 147.5° | 500.3 | 500.2 | 500.0 | 500.0 | 500.0 | 500.1 | 500.1 | 500.2 | 500.1 | 500.1 | 500.0 |
| 150° | 510.0 | 509.8 | 509.6 | 509.6 | 509.8 | 510.0 | 510.2 | 510.4 | 510.2 | 510.0 | 509.8 |
| 152.5° | 518.9 | 518.7 | 518.5 | 518.6 | 519.1 | 519.4 | 519.9 | 520.3 | 519.9 | 519.4 | 519.1 |
| 155° | 530.9 | 530.7 | 530.6 | 530.7 | 531.3 | 531.9 | 532.4 | 533.0 | 532.4 | 531.9 | 531.3 |
| 157.5° | 541.3 | 541.3 | 541.3 | 541.4 | 541.8 | 542.2 | 542.4 | 542.8 | 542.4 | 542.2 | 541.8 |
| 160° | 547.3 | 547.2 | 547.1 | 547.3 | 547.9 | 548.5 | 549.0 | 549.6 | 549.0 | 548.5 | 547.9 |
| 162.5° | 552.8 | 552.7 | 552.6 | 552.8 | 553.4 | 553.9 | 554.5 | 555.1 | 554.5 | 553.9 | 553.4 |
| 165° | 560.1 | 560.0 | 559.9 | 560.2 | 560.7 | 561.3 | 561.8 | 562.4 | 561.8 | 561.3 | 560.7 |
| 167.5° | 565.4 | 565.3 | 565.2 | 565.5 | 566.1 | 566.8 | 567.3 | 567.9 | 567.3 | 566.8 | 566.1 |
| 170° | 568.2 | 568.1 | 568.0 | 568.3 | 568.9 | 569.6 | 570.3 | 571.0 | 570.3 | 569.6 | 568.9 |
| 172.5° | 570.4 | 570.2 | 570.1 | 570.3 | 571.0 | 571.7 | 572.3 | 573.0 | 572.3 | 571.7 | 571.0 |
| 175° | 572.9 | 572.8 | 572.7 | 573.0 | 573.5 | 574.1 | 574.7 | 575.2 | 574.7 | 574.1 | 573.5 |
| 177.5° | 574.4 | 574.3 | 574.2 | 574.4 | 574.9 | 575.3 | 575.8 | 576.3 | 575.8 | 575.3 | 574.9 |
| 180° | 575.2 | 575.2 | 575.2 | 575.2 | 575.2 | 575.2 | 575.2 | 575.2 | 575.2 | 575.2 | 575.2 |



TEST NUMBER: P333660-830

CATALOG NUMBER: S125RDIW-S610D470U830-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 872.2 | 872.2 | 872.2 | 872.2 | 872.2 | 872.2 | 872.2 | 872.2 | 872.2 | 872.2 | 872.2 |
| 2.5° | 857.6 | 853.6 | 850.7 | 845.0 | 840.9 | 839.2 | 836.1 | 835.3 | 838.4 | 836.1 | 835.8 |
| 5° | 832.1 | 821.7 | 813.5 | 805.2 | 796.3 | 790.6 | 781.9 | 780.5 | 778.4 | 775.1 | 774.5 |
| 7.5° | 801.5 | 788.0 | 777.4 | 763.7 | 752.0 | 742.4 | 731.7 | 726.6 | 723.8 | 719.6 | 714.1 |
| 10° | 780.9 | 764.8 | 750.5 | 736.9 | 722.2 | 710.4 | 699.6 | 691.4 | 686.0 | 681.0 | 678.8 |
| 12.5° | 760.5 | 744.1 | 725.9 | 709.4 | 693.0 | 679.7 | 667.8 | 662.4 | 656.5 | 650.6 | 645.6 |
| 15° | 729.0 | 707.1 | 687.1 | 668.1 | 654.1 | 639.8 | 628.4 | 620.5 | 611.5 | 609.1 | 599.4 |
| 17.5° | 695.5 | 674.0 | 650.5 | 630.6 | 614.4 | 598.6 | 586.1 | 577.1 | 570.3 | 561.1 | 556.7 |
| 20° | 674.6 | 649.1 | 626.2 | 607.9 | 590.0 | 571.5 | 558.6 | 551.0 | 544.6 | 537.1 | 533.5 |
| 22.5° | 652.2 | 627.4 | 603.9 | 582.5 | 564.3 | 545.9 | 536.8 | 529.0 | 521.7 | 514.7 | 510.0 |
| 25° | 619.4 | 594.4 | 569.7 | 547.4 | 528.5 | 515.2 | 504.4 | 495.5 | 491.6 | 484.7 | 479.8 |
| 27.5° | 587.0 | 560.3 | 534.7 | 512.6 | 497.7 | 484.6 | 475.8 | 468.7 | 461.6 | 455.6 | 451.3 |
| 30° | 566.1 | 538.9 | 511.0 | 493.4 | 477.6 | 465.1 | 455.4 | 448.7 | 443.3 | 437.9 | 434.7 |
| 32.5° | 545.2 | 517.1 | 492.3 | 473.3 | 458.5 | 447.6 | 437.7 | 431.1 | 425.5 | 419.5 | 415.8 |
| 35° | 511.6 | 483.0 | 463.0 | 444.3 | 429.6 | 419.6 | 412.8 | 403.5 | 398.9 | 394.5 | 390.6 |
| 37.5° | 480.5 | 453.8 | 432.2 | 415.8 | 403.1 | 393.1 | 384.4 | 379.3 | 373.6 | 369.8 | 366.5 |
| 40° | 457.6 | 433.2 | 413.6 | 396.3 | 387.0 | 376.0 | 367.7 | 361.3 | 356.9 | 351.9 | 348.4 |
| 42.5° | 437.0 | 414.3 | 395.2 | 379.8 | 368.2 | 358.7 | 350.8 | 344.4 | 338.9 | 335.4 | 332.3 |
| 45° | 407.8 | 385.2 | 366.6 | 352.3 | 341.6 | 332.6 | 324.4 | 321.1 | 314.0 | 309.7 | 308.3 |
| 47.5° | 377.7 | 357.5 | 339.5 | 326.3 | 315.3 | 306.8 | 299.1 | 292.6 | 288.6 | 284.4 | 282.1 |
| 50° | 357.3 | 338.0 | 321.1 | 308.3 | 297.6 | 288.2 | 281.1 | 276.7 | 271.4 | 267.5 | 264.6 |
| 52.5° | 337.0 | 319.1 | 302.3 | 289.9 | 280.6 | 271.4 | 263.3 | 259.0 | 253.9 | 251.4 | 249.4 |
| 55° | 307.9 | 289.0 | 274.7 | 262.4 | 252.8 | 244.2 | 236.7 | 232.3 | 229.1 | 226.7 | 225.9 |
| 57.5° | 274.9 | 260.0 | 246.7 | 235.6 | 225.6 | 217.5 | 210.9 | 206.9 | 204.1 | 203.7 | 201.5 |
| 60° | 253.4 | 239.9 | 227.7 | 215.9 | 207.3 | 199.8 | 194.1 | 189.5 | 186.5 | 186.2 | 185.5 |
| 62.5° | 232.1 | 219.0 | 207.6 | 197.3 | 189.5 | 182.3 | 176.9 | 171.6 | 169.9 | 168.1 | 166.5 |
| 65° | 200.1 | 188.3 | 179.0 | 170.8 | 162.6 | 156.5 | 151.1 | 147.9 | 143.9 | 141.8 | 137.9 |
| 67.5° | 168.8 | 159.7 | 150.7 | 143.8 | 137.3 | 131.6 | 127.1 | 122.3 | 119.7 | 117.9 | 115.1 |
| 70° | 148.3 | 141.1 | 132.1 | 124.6 | 119.6 | 114.9 | 111.3 | 105.9 | 104.2 | 102.7 | 101.3 |
| 72.5° | 128.8 | 122.4 | 114.9 | 108.9 | 103.9 | 99.4 | 95.3 | 92.8 | 91.0 | 89.5 | 88.7 |
| 75° | 101.3 | 95.2 | 88.8 | 84.5 | 81.0 | 77.4 | 75.2 | 73.4 | 72.7 | 72.3 | 70.9 |
| 77.5° | 74.4 | 71.2 | 66.0 | 62.6 | 60.2 | 58.8 | 56.8 | 55.9 | 55.9 | 54.3 | 53.8 |
| 80° | 56.9 | 55.1 | 50.8 | 49.4 | 47.6 | 46.2 | 45.1 | 43.4 | 41.6 | 40.8 | 39.8 |
| 82.5° | 42.3 | 40.5 | 38.8 | 36.5 | 35.1 | 34.1 | 33.1 | 32.4 | 32.6 | 31.7 | 31.1 |
| 85° | 22.5 | 20.7 | 20.1 | 19.7 | 18.9 | 19.7 | 19.3 | 18.9 | 18.7 | 18.3 | 18.7 |
| 87.5° | 7.8 | 8.0 | 7.8 | 8.6 | 7.8 | 8.2 | 8.3 | 8.1 | 8.2 | 8.3 | 8.1 |
| 90° | 3.5 | 4.1 | 4.8 | 5.5 | 6.1 | 6.8 | 7.3 | 7.7 | 8.2 | 8.7 | 9.1 |
| 92.5° | 4.4 | 4.4 | 5.1 | 5.7 | 6.2 | 6.8 | 7.3 | 7.7 | 8.2 | 8.7 | 9.0 |
| 95° | 23.2 | 21.2 | 17.6 | 14.0 | 10.5 | 6.8 | 7.3 | 7.7 | 8.2 | 8.7 | 9.0 |
| 97.5° | 52.8 | 49.5 | 42.3 | 35.3 | 28.1 | 21.0 | 18.3 | 15.6 | 13.0 | 10.3 | 9.0 |
| 100° | 72.4 | 72.7 | 73.0 | 73.4 | 73.8 | 74.2 | 60.0 | 46.0 | 31.9 | 17.7 | 10.5 |
| 102.5° | 93.5 | 93.8 | 94.0 | 94.2 | 94.4 | 94.6 | 92.0 | 89.4 | 86.6 | 84.0 | 79.5 |
| 105° | 126.9 | 127.1 | 127.1 | 127.1 | 127.1 | 127.1 | 127.1 | 127.1 | 127.1 | 127.1 | 127.1 |
| 107.5° | 159.9 | 160.0 | 160.2 | 160.4 | 160.6 | 160.8 | 160.9 | 160.9 | 160.9 | 160.9 | 160.8 |
| 110° | 182.5 | 182.6 | 182.8 | 182.9 | 183.1 | 183.3 | 183.0 | 182.8 | 182.5 | 182.2 | 182.1 |



TEST NUMBER: P333660-830

CATALOG NUMBER: S125RDIW-S610D470U830-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 204.5 | 204.7 | 204.8 | 205.0 | 205.1 | 205.2 | 204.8 | 204.4 | 204.1 | 203.8 | 203.5 |
| 115° | 237.2 | 237.5 | 237.6 | 237.7 | 237.8 | 237.9 | 237.5 | 237.1 | 236.8 | 236.4 | 235.9 |
| 117.5° | 268.2 | 268.3 | 268.6 | 269.0 | 269.4 | 269.8 | 269.3 | 268.7 | 268.2 | 267.8 | 267.4 |
| 120° | 288.3 | 288.4 | 288.7 | 289.0 | 289.3 | 289.5 | 289.4 | 289.2 | 289.0 | 288.8 | 288.4 |
| 122.5° | 308.2 | 308.4 | 308.6 | 308.7 | 308.9 | 309.0 | 308.8 | 308.6 | 308.4 | 308.2 | 307.8 |
| 125° | 337.3 | 337.7 | 337.7 | 337.7 | 337.7 | 337.7 | 337.3 | 337.0 | 336.6 | 336.2 | 335.8 |
| 127.5° | 363.4 | 363.5 | 363.4 | 363.4 | 363.4 | 363.3 | 363.1 | 362.9 | 362.7 | 362.5 | 362.0 |
| 130° | 379.7 | 379.9 | 380.0 | 380.1 | 380.2 | 380.3 | 380.0 | 379.8 | 379.5 | 379.2 | 378.8 |
| 132.5° | 396.3 | 396.5 | 396.3 | 396.2 | 395.9 | 395.7 | 395.7 | 395.6 | 395.5 | 395.5 | 395.2 |
| 135° | 419.7 | 419.9 | 419.7 | 419.5 | 419.3 | 419.1 | 419.0 | 418.8 | 418.6 | 418.4 | 418.0 |
| 137.5° | 440.8 | 441.0 | 440.8 | 440.6 | 440.5 | 440.3 | 440.4 | 440.4 | 440.5 | 440.5 | 440.3 |
| 140° | 453.6 | 453.6 | 453.6 | 453.5 | 453.4 | 453.3 | 453.5 | 453.6 | 453.8 | 454.0 | 453.8 |
| 142.5° | 465.9 | 466.0 | 466.2 | 466.3 | 466.5 | 466.6 | 466.6 | 466.7 | 466.7 | 466.7 | 466.5 |
| 145° | 484.7 | 484.8 | 484.8 | 484.8 | 484.8 | 484.8 | 484.9 | 485.0 | 485.1 | 485.2 | 484.9 |
| 147.5° | 500.0 | 500.0 | 500.2 | 500.3 | 500.4 | 500.5 | 500.6 | 500.8 | 500.9 | 501.0 | 500.7 |
| 150° | 509.6 | 509.6 | 509.8 | 510.0 | 510.2 | 510.4 | 510.6 | 510.8 | 511.0 | 511.1 | 510.9 |
| 152.5° | 518.6 | 518.5 | 518.7 | 518.9 | 519.1 | 519.2 | 519.4 | 519.6 | 519.8 | 520.0 | 519.8 |
| 155° | 530.7 | 530.6 | 530.7 | 530.9 | 531.1 | 531.3 | 531.6 | 531.9 | 532.2 | 532.4 | 532.2 |
| 157.5° | 541.4 | 541.3 | 541.3 | 541.3 | 541.3 | 541.4 | 541.7 | 542.0 | 542.2 | 542.5 | 542.3 |
| 160° | 547.3 | 547.1 | 547.2 | 547.3 | 547.4 | 547.5 | 547.9 | 548.3 | 548.7 | 549.0 | 548.8 |
| 162.5° | 552.8 | 552.6 | 552.7 | 552.8 | 552.9 | 553.0 | 553.5 | 554.0 | 554.6 | 555.1 | 555.0 |
| 165° | 560.2 | 559.9 | 560.0 | 560.1 | 560.2 | 560.2 | 560.8 | 561.5 | 562.0 | 562.6 | 562.5 |
| 167.5° | 565.5 | 565.2 | 565.3 | 565.4 | 565.5 | 565.6 | 566.4 | 567.0 | 567.7 | 568.4 | 568.4 |
| 170° | 568.3 | 568.0 | 568.1 | 568.2 | 568.3 | 568.4 | 569.1 | 569.9 | 570.7 | 571.5 | 571.4 |
| 172.5° | 570.3 | 570.1 | 570.2 | 570.4 | 570.6 | 570.8 | 571.5 | 572.1 | 572.8 | 573.5 | 573.4 |
| 175° | 573.0 | 572.7 | 572.8 | 572.9 | 573.0 | 573.1 | 573.8 | 574.6 | 575.3 | 576.1 | 576.1 |
| 177.5° | 574.4 | 574.2 | 574.3 | 574.4 | 574.5 | 574.6 | 575.0 | 575.6 | 576.1 | 576.6 | 576.6 |
| 180° | 575.2 | 575.2 | 575.2 | 575.2 | 575.2 | 575.2 | 575.2 | 575.2 | 575.2 | 575.2 | 575.2 |



TEST NUMBER: P333660-830

CATALOG NUMBER: S125RDIW-S610D470U830-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 872.2 | 872.2 | 872.2 | 872.2 | 872.2 | 872.2 | 872.2 | 872.2 | 872.2 | 872.2 | 872.2 |
| 2.5° | 835.6 | 832.4 | 831.5 | 832.6 | 831.5 | 832.4 | 835.6 | 835.8 | 836.1 | 838.4 | 835.3 |
| 5° | 770.9 | 767.3 | 769.1 | 768.4 | 769.1 | 767.3 | 770.9 | 774.5 | 775.1 | 778.4 | 780.5 |
| 7.5° | 714.0 | 709.5 | 704.8 | 706.3 | 704.8 | 709.5 | 714.0 | 714.1 | 719.6 | 723.8 | 726.6 |
| 10° | 674.2 | 670.6 | 668.5 | 670.2 | 668.5 | 670.6 | 674.2 | 678.8 | 681.0 | 686.0 | 691.4 |
| 12.5° | 640.6 | 638.6 | 636.7 | 635.9 | 636.7 | 638.6 | 640.6 | 645.6 | 650.6 | 656.5 | 662.4 |
| 15° | 595.0 | 590.8 | 589.0 | 584.4 | 589.0 | 590.8 | 595.0 | 599.4 | 609.1 | 611.5 | 620.5 |
| 17.5° | 553.0 | 551.6 | 547.0 | 545.0 | 547.0 | 551.6 | 553.0 | 556.7 | 561.1 | 570.3 | 577.1 |
| 20° | 528.1 | 526.7 | 522.1 | 524.9 | 522.1 | 526.7 | 528.1 | 533.5 | 537.1 | 544.6 | 551.0 |
| 22.5° | 507.5 | 504.4 | 502.8 | 502.0 | 502.8 | 504.4 | 507.5 | 510.0 | 514.7 | 521.7 | 529.0 |
| 25° | 478.3 | 473.7 | 471.9 | 469.8 | 471.9 | 473.7 | 478.3 | 479.8 | 484.7 | 491.6 | 495.5 |
| 27.5° | 449.3 | 446.8 | 444.4 | 443.8 | 444.4 | 446.8 | 449.3 | 451.3 | 455.6 | 461.6 | 468.7 |
| 30° | 430.4 | 427.8 | 426.0 | 426.0 | 426.0 | 427.8 | 430.4 | 434.7 | 437.9 | 443.3 | 448.7 |
| 32.5° | 413.5 | 411.5 | 409.7 | 409.4 | 409.7 | 411.5 | 413.5 | 415.8 | 419.5 | 425.5 | 431.1 |
| 35° | 388.8 | 386.0 | 385.2 | 383.1 | 385.2 | 386.0 | 388.8 | 390.6 | 394.5 | 398.9 | 403.5 |
| 37.5° | 363.3 | 360.9 | 360.8 | 360.6 | 360.8 | 360.9 | 363.3 | 366.5 | 369.8 | 373.6 | 379.3 |
| 40° | 346.9 | 345.2 | 344.8 | 342.3 | 344.8 | 345.2 | 346.9 | 348.4 | 351.9 | 356.9 | 361.3 |
| 42.5° | 329.5 | 328.6 | 327.3 | 326.2 | 327.3 | 328.6 | 329.5 | 332.3 | 335.4 | 338.9 | 344.4 |
| 45° | 305.8 | 303.3 | 303.3 | 301.5 | 303.3 | 303.3 | 305.8 | 308.3 | 309.7 | 314.0 | 321.1 |
| 47.5° | 281.3 | 279.4 | 279.6 | 277.7 | 279.6 | 279.4 | 281.3 | 282.1 | 284.4 | 288.6 | 292.6 |
| 50° | 264.9 | 263.9 | 263.5 | 262.8 | 263.5 | 263.9 | 264.9 | 264.6 | 267.5 | 271.4 | 276.7 |
| 52.5° | 248.6 | 248.2 | 249.5 | 247.9 | 249.5 | 248.2 | 248.6 | 249.4 | 251.4 | 253.9 | 259.0 |
| 55° | 226.7 | 225.6 | 227.7 | 225.6 | 227.7 | 225.6 | 226.7 | 225.9 | 226.7 | 229.1 | 232.3 |
| 57.5° | 201.3 | 200.4 | 202.3 | 201.2 | 202.3 | 200.4 | 201.3 | 201.5 | 203.7 | 204.1 | 206.9 |
| 60° | 184.7 | 182.6 | 183.7 | 184.1 | 183.7 | 182.6 | 184.7 | 185.5 | 186.2 | 186.5 | 189.5 |
| 62.5° | 164.9 | 163.7 | 164.5 | 162.9 | 164.5 | 163.7 | 164.9 | 166.5 | 168.1 | 169.9 | 171.6 |
| 65° | 137.1 | 136.1 | 134.6 | 133.9 | 134.6 | 136.1 | 137.1 | 137.9 | 141.8 | 143.9 | 147.9 |
| 67.5° | 115.2 | 112.6 | 112.5 | 113.1 | 112.5 | 112.6 | 115.2 | 115.1 | 117.9 | 119.7 | 122.3 |
| 70° | 99.2 | 99.2 | 98.8 | 98.8 | 98.8 | 99.2 | 99.2 | 101.3 | 102.7 | 104.2 | 105.9 |
| 72.5° | 88.0 | 87.8 | 87.1 | 86.8 | 87.1 | 87.8 | 88.0 | 88.7 | 89.5 | 91.0 | 92.8 |
| 75° | 70.9 | 71.3 | 70.5 | 70.2 | 70.5 | 71.3 | 70.9 | 70.9 | 72.3 | 72.7 | 73.4 |
| 77.5° | 52.3 | 50.8 | 51.7 | 50.8 | 51.7 | 50.8 | 52.3 | 53.8 | 54.3 | 55.9 | 55.9 |
| 80° | 39.8 | 39.4 | 40.4 | 39.4 | 40.4 | 39.4 | 39.8 | 39.8 | 40.8 | 41.6 | 43.4 |
| 82.5° | 31.5 | 31.1 | 31.6 | 30.8 | 31.6 | 31.1 | 31.5 | 31.1 | 31.7 | 32.6 | 32.4 |
| 85° | 18.9 | 18.7 | 18.3 | 18.7 | 18.3 | 18.7 | 18.9 | 18.7 | 18.3 | 18.7 | 18.9 |
| 87.5° | 8.5 | 8.2 | 8.3 | 8.4 | 8.3 | 8.2 | 8.5 | 8.1 | 8.3 | 8.2 | 8.1 |
| 90° | 9.4 | 9.7 | 10.0 | 10.3 | 10.0 | 9.7 | 9.4 | 9.1 | 8.7 | 8.2 | 7.7 |
| 92.5° | 9.1 | 9.3 | 9.4 | 9.5 | 9.4 | 9.3 | 9.1 | 9.0 | 8.7 | 8.2 | 7.7 |
| 95° | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 8.7 | 8.2 | 7.7 |
| 97.5° | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 10.3 | 13.0 | 15.6 |
| 100° | 10.1 | 9.7 | 9.3 | 9.0 | 9.3 | 9.7 | 10.1 | 10.5 | 17.7 | 31.9 | 46.0 |
| 102.5° | 73.0 | 66.5 | 60.0 | 53.6 | 60.0 | 66.5 | 73.0 | 79.5 | 84.0 | 86.6 | 89.4 |
| 105° | 127.0 | 126.9 | 126.8 | 126.7 | 126.8 | 126.9 | 127.0 | 127.1 | 127.1 | 127.1 | 127.1 |
| 107.5° | 160.5 | 160.2 | 159.9 | 159.7 | 159.9 | 160.2 | 160.5 | 160.8 | 160.9 | 160.9 | 160.9 |
| 110° | 182.2 | 182.3 | 182.4 | 182.5 | 182.4 | 182.3 | 182.2 | 182.1 | 182.2 | 182.5 | 182.8 |



TEST NUMBER: P333660-830

CATALOG NUMBER: S125RDIW-S610D470U830-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 203.4 | 203.2 | 203.1 | 202.9 | 203.1 | 203.2 | 203.4 | 203.5 | 203.8 | 204.1 | 204.4 |
| 115° | 235.4 | 234.8 | 234.2 | 233.7 | 234.2 | 234.8 | 235.4 | 235.9 | 236.4 | 236.8 | 237.1 |
| 117.5° | 267.1 | 266.9 | 266.6 | 266.5 | 266.6 | 266.9 | 267.1 | 267.4 | 267.8 | 268.2 | 268.7 |
| 120° | 287.9 | 287.5 | 287.0 | 286.5 | 287.0 | 287.5 | 287.9 | 288.4 | 288.8 | 289.0 | 289.2 |
| 122.5° | 307.3 | 306.7 | 306.2 | 305.7 | 306.2 | 306.7 | 307.3 | 307.8 | 308.2 | 308.4 | 308.6 |
| 125° | 335.5 | 335.3 | 335.0 | 334.7 | 335.0 | 335.3 | 335.5 | 335.8 | 336.2 | 336.6 | 337.0 |
| 127.5° | 361.3 | 360.6 | 359.9 | 359.2 | 359.9 | 360.6 | 361.3 | 362.0 | 362.5 | 362.7 | 362.9 |
| 130° | 378.3 | 377.9 | 377.4 | 376.9 | 377.4 | 377.9 | 378.3 | 378.8 | 379.2 | 379.5 | 379.8 |
| 132.5° | 394.7 | 394.3 | 393.8 | 393.3 | 393.8 | 394.3 | 394.7 | 395.2 | 395.5 | 395.5 | 395.6 |
| 135° | 417.5 | 416.9 | 416.3 | 415.8 | 416.3 | 416.9 | 417.5 | 418.0 | 418.4 | 418.6 | 418.8 |
| 137.5° | 439.7 | 439.2 | 438.8 | 438.3 | 438.8 | 439.2 | 439.7 | 440.3 | 440.5 | 440.5 | 440.4 |
| 140° | 453.3 | 452.7 | 452.1 | 451.6 | 452.1 | 452.7 | 453.3 | 453.8 | 454.0 | 453.8 | 453.6 |
| 142.5° | 465.9 | 465.3 | 464.8 | 464.2 | 464.8 | 465.3 | 465.9 | 466.5 | 466.7 | 466.7 | 466.7 |
| 145° | 484.4 | 483.8 | 483.2 | 482.7 | 483.2 | 483.8 | 484.4 | 484.9 | 485.2 | 485.1 | 485.0 |
| 147.5° | 500.0 | 499.4 | 498.6 | 497.9 | 498.6 | 499.4 | 500.0 | 500.7 | 501.0 | 500.9 | 500.8 |
| 150° | 510.1 | 509.3 | 508.6 | 507.8 | 508.6 | 509.3 | 510.1 | 510.9 | 511.1 | 511.0 | 510.8 |
| 152.5° | 519.1 | 518.4 | 517.7 | 517.1 | 517.7 | 518.4 | 519.1 | 519.8 | 520.0 | 519.8 | 519.6 |
| 155° | 531.4 | 530.7 | 529.9 | 529.1 | 529.9 | 530.7 | 531.4 | 532.2 | 532.4 | 532.2 | 531.9 |
| 157.5° | 541.6 | 540.8 | 540.1 | 539.3 | 540.1 | 540.8 | 541.6 | 542.3 | 542.5 | 542.2 | 542.0 |
| 160° | 548.1 | 547.3 | 546.6 | 545.8 | 546.6 | 547.3 | 548.1 | 548.8 | 549.0 | 548.7 | 548.3 |
| 162.5° | 554.1 | 553.3 | 552.4 | 551.6 | 552.4 | 553.3 | 554.1 | 555.0 | 555.1 | 554.6 | 554.0 |
| 165° | 561.8 | 560.9 | 560.2 | 559.4 | 560.2 | 560.9 | 561.8 | 562.5 | 562.6 | 562.0 | 561.5 |
| 167.5° | 567.4 | 566.6 | 565.7 | 564.9 | 565.7 | 566.6 | 567.4 | 568.4 | 568.4 | 567.7 | 567.0 |
| 170° | 570.5 | 569.7 | 568.8 | 568.0 | 568.8 | 569.7 | 570.5 | 571.4 | 571.5 | 570.7 | 569.9 |
| 172.5° | 572.6 | 571.7 | 570.9 | 570.0 | 570.9 | 571.7 | 572.6 | 573.4 | 573.5 | 572.8 | 572.1 |
| 175° | 575.2 | 574.4 | 573.5 | 572.7 | 573.5 | 574.4 | 575.2 | 576.1 | 576.1 | 575.3 | 574.6 |
| 177.5° | 576.0 | 575.4 | 574.8 | 574.2 | 574.8 | 575.4 | 576.0 | 576.6 | 576.6 | 576.1 | 575.6 |
| 180° | 575.2 | 575.2 | 575.2 | 575.2 | 575.2 | 575.2 | 575.2 | 575.2 | 575.2 | 575.2 | 575.2 |



TEST NUMBER: P333660-830

CATALOG NUMBER: S125RDIW-S610D470U830-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 872.2 | 872.2 | 872.2 | 872.2 | 872.2 | 872.2 | 872.2 | 872.2 | 872.2 | 872.2 | 872.2 |
| 2.5° | 836.1 | 839.2 | 840.9 | 845.0 | 850.7 | 853.6 | 857.6 | 860.4 | 864.5 | 869.3 | 873.4 |
| 5° | 781.9 | 790.6 | 796.3 | 805.2 | 813.5 | 821.7 | 832.1 | 839.6 | 849.6 | 861.1 | 870.1 |
| 7.5° | 731.7 | 742.4 | 752.0 | 763.7 | 777.4 | 788.0 | 801.5 | 815.3 | 831.0 | 847.3 | 862.6 |
| 10° | 699.6 | 710.4 | 722.2 | 736.9 | 750.5 | 764.8 | 780.9 | 797.0 | 816.7 | 835.0 | 855.7 |
| 12.5° | 667.8 | 679.7 | 693.0 | 709.4 | 725.9 | 744.1 | 760.5 | 778.6 | 799.8 | 823.5 | 845.7 |
| 15° | 628.4 | 639.8 | 654.1 | 668.1 | 687.1 | 707.1 | 729.0 | 753.0 | 776.6 | 803.1 | 830.7 |
| 17.5° | 586.1 | 598.6 | 614.4 | 630.6 | 650.5 | 674.0 | 695.5 | 721.7 | 748.3 | 779.2 | 811.6 |
| 20° | 558.6 | 571.5 | 590.0 | 607.9 | 626.2 | 649.1 | 674.6 | 701.4 | 729.7 | 762.2 | 798.4 |
| 22.5° | 536.8 | 545.9 | 564.3 | 582.5 | 603.9 | 627.4 | 652.2 | 680.2 | 711.1 | 744.8 | 782.7 |
| 25° | 504.4 | 515.2 | 528.5 | 547.4 | 569.7 | 594.4 | 619.4 | 649.1 | 682.8 | 717.2 | 757.6 |
| 27.5° | 475.8 | 484.6 | 497.7 | 512.6 | 534.7 | 560.3 | 587.0 | 618.0 | 652.5 | 687.5 | 730.1 |
| 30° | 455.4 | 465.1 | 477.6 | 493.4 | 511.0 | 538.9 | 566.1 | 596.5 | 631.6 | 667.8 | 711.4 |
| 32.5° | 437.7 | 447.6 | 458.5 | 473.3 | 492.3 | 517.1 | 545.2 | 575.0 | 610.7 | 648.0 | 690.5 |
| 35° | 412.8 | 419.6 | 429.6 | 444.3 | 463.0 | 483.0 | 511.6 | 543.2 | 577.9 | 616.5 | 659.1 |
| 37.5° | 384.4 | 393.1 | 403.1 | 415.8 | 432.2 | 453.8 | 480.5 | 512.4 | 544.6 | 581.6 | 620.5 |
| 40° | 367.7 | 376.0 | 387.0 | 396.3 | 413.6 | 433.2 | 457.6 | 490.9 | 523.1 | 557.8 | 593.2 |
| 42.5° | 350.8 | 358.7 | 368.2 | 379.8 | 395.2 | 414.3 | 437.0 | 468.0 | 502.5 | 535.2 | 565.0 |
| 45° | 324.4 | 332.6 | 341.6 | 352.3 | 366.6 | 385.2 | 407.8 | 436.1 | 466.2 | 496.2 | 518.8 |
| 47.5° | 299.1 | 306.8 | 315.3 | 326.3 | 339.5 | 357.5 | 377.7 | 402.7 | 431.9 | 457.4 | 473.5 |
| 50° | 281.1 | 288.2 | 297.6 | 308.3 | 321.1 | 338.0 | 357.3 | 382.0 | 406.4 | 429.6 | 444.3 |
| 52.5° | 263.3 | 271.4 | 280.6 | 289.9 | 302.3 | 319.1 | 337.0 | 358.3 | 381.4 | 400.4 | 412.6 |
| 55° | 236.7 | 244.2 | 252.8 | 262.4 | 274.7 | 289.0 | 307.9 | 324.7 | 343.0 | 359.1 | 366.3 |
| 57.5° | 210.9 | 217.5 | 225.6 | 235.6 | 246.7 | 260.0 | 274.9 | 291.2 | 304.1 | 315.5 | 323.6 |
| 60° | 194.1 | 199.8 | 207.3 | 215.9 | 227.7 | 239.9 | 253.4 | 268.5 | 278.5 | 288.2 | 295.8 |
| 62.5° | 176.9 | 182.3 | 189.5 | 197.3 | 207.6 | 219.0 | 232.1 | 244.2 | 253.9 | 260.4 | 269.1 |
| 65° | 151.1 | 156.5 | 162.6 | 170.8 | 179.0 | 188.3 | 200.1 | 209.1 | 215.9 | 223.1 | 228.5 |
| 67.5° | 127.1 | 131.6 | 137.3 | 143.8 | 150.7 | 159.7 | 168.8 | 176.3 | 181.0 | 185.2 | 191.7 |
| 70° | 111.3 | 114.9 | 119.6 | 124.6 | 132.1 | 141.1 | 148.3 | 153.9 | 157.2 | 161.5 | 169.4 |
| 72.5° | 95.3 | 99.4 | 103.9 | 108.9 | 114.9 | 122.4 | 128.8 | 134.5 | 136.6 | 140.0 | 145.0 |
| 75° | 75.2 | 77.4 | 81.0 | 84.5 | 88.8 | 95.2 | 101.3 | 102.7 | 104.5 | 107.4 | 111.0 |
| 77.5° | 56.8 | 58.8 | 60.2 | 62.6 | 66.0 | 71.2 | 74.4 | 76.5 | 77.0 | 78.0 | 81.5 |
| 80° | 45.1 | 46.2 | 47.6 | 49.4 | 50.8 | 55.1 | 56.9 | 59.1 | 59.8 | 60.9 | 62.7 |
| 82.5° | 33.1 | 34.1 | 35.1 | 36.5 | 38.8 | 40.5 | 42.3 | 44.5 | 44.6 | 45.4 | 45.7 |
| 85° | 19.3 | 19.7 | 18.9 | 19.7 | 20.1 | 20.7 | 22.5 | 24.3 | 24.0 | 23.7 | 24.7 |
| 87.5° | 8.3 | 8.2 | 7.8 | 8.6 | 7.8 | 8.0 | 7.8 | 8.0 | 8.4 | 8.9 | 9.2 |
| 90° | 7.3 | 6.8 | 6.1 | 5.5 | 4.8 | 4.1 | 3.5 | 2.7 | 2.0 | 1.2 | 0.5 |
| 92.5° | 7.3 | 6.8 | 6.2 | 5.7 | 5.1 | 4.4 | 4.4 | 5.0 | 5.5 | 6.0 | 6.6 |
| 95° | 7.3 | 6.8 | 10.5 | 14.0 | 17.6 | 21.2 | 23.2 | 23.5 | 23.8 | 24.0 | 24.3 |
| 97.5° | 18.3 | 21.0 | 28.1 | 35.3 | 42.3 | 49.5 | 52.8 | 52.3 | 51.7 | 51.3 | 50.7 |
| 100° | 60.0 | 74.2 | 73.8 | 73.4 | 73.0 | 72.7 | 72.4 | 72.1 | 71.8 | 71.5 | 71.2 |
| 102.5° | 92.0 | 94.6 | 94.4 | 94.2 | 94.0 | 93.8 | 93.5 | 93.1 | 92.7 | 92.4 | 92.0 |
| 105° | 127.1 | 127.1 | 127.1 | 127.1 | 127.1 | 127.1 | 126.9 | 126.5 | 126.1 | 125.7 | 125.4 |
| 107.5° | 160.9 | 160.8 | 160.6 | 160.4 | 160.2 | 160.0 | 159.9 | 159.9 | 159.9 | 159.9 | 159.9 |
| 110° | 183.0 | 183.3 | 183.1 | 182.9 | 182.8 | 182.6 | 182.5 | 182.5 | 182.5 | 182.5 | 182.5 |



TEST NUMBER: P333660-830

CATALOG NUMBER: S125RDIW-S610D470U830-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 204.8 | 205.2 | 205.1 | 205.0 | 204.8 | 204.7 | 204.5 | 204.3 | 204.1 | 203.9 | 203.7 |
| 115° | 237.5 | 237.9 | 237.8 | 237.7 | 237.6 | 237.5 | 237.2 | 236.8 | 236.3 | 235.8 | 235.4 |
| 117.5° | 269.3 | 269.8 | 269.4 | 269.0 | 268.6 | 268.3 | 268.2 | 268.2 | 268.2 | 268.2 | 268.2 |
| 120° | 289.4 | 289.5 | 289.3 | 289.0 | 288.7 | 288.4 | 288.3 | 288.4 | 288.5 | 288.6 | 288.7 |
| 122.5° | 308.8 | 309.0 | 308.9 | 308.7 | 308.6 | 308.4 | 308.2 | 307.8 | 307.5 | 307.1 | 306.8 |
| 125° | 337.3 | 337.7 | 337.7 | 337.7 | 337.7 | 337.7 | 337.3 | 336.7 | 336.0 | 335.4 | 334.7 |
| 127.5° | 363.1 | 363.3 | 363.4 | 363.4 | 363.4 | 363.5 | 363.4 | 362.9 | 362.4 | 361.9 | 361.4 |
| 130° | 380.0 | 380.3 | 380.2 | 380.1 | 380.0 | 379.9 | 379.7 | 379.2 | 378.7 | 378.2 | 377.8 |
| 132.5° | 395.7 | 395.7 | 395.9 | 396.2 | 396.3 | 396.5 | 396.3 | 395.8 | 395.3 | 394.7 | 394.2 |
| 135° | 419.0 | 419.1 | 419.3 | 419.5 | 419.7 | 419.9 | 419.7 | 419.1 | 418.6 | 418.0 | 417.5 |
| 137.5° | 440.4 | 440.3 | 440.5 | 440.6 | 440.8 | 441.0 | 440.8 | 440.4 | 439.8 | 439.3 | 438.8 |
| 140° | 453.5 | 453.3 | 453.4 | 453.5 | 453.6 | 453.6 | 453.6 | 453.4 | 453.2 | 453.0 | 452.8 |
| 142.5° | 466.6 | 466.6 | 466.5 | 466.3 | 466.2 | 466.0 | 465.9 | 465.8 | 465.7 | 465.6 | 465.4 |
| 145° | 484.9 | 484.8 | 484.8 | 484.8 | 484.8 | 484.8 | 484.7 | 484.6 | 484.4 | 484.2 | 484.0 |
| 147.5° | 500.6 | 500.5 | 500.4 | 500.3 | 500.2 | 500.0 | 500.0 | 500.0 | 500.1 | 500.1 | 500.2 |
| 150° | 510.6 | 510.4 | 510.2 | 510.0 | 509.8 | 509.6 | 509.6 | 509.8 | 510.0 | 510.2 | 510.4 |
| 152.5° | 519.4 | 519.2 | 519.1 | 518.9 | 518.7 | 518.5 | 518.6 | 519.1 | 519.4 | 519.9 | 520.3 |
| 155° | 531.6 | 531.3 | 531.1 | 530.9 | 530.7 | 530.6 | 530.7 | 531.3 | 531.9 | 532.4 | 533.0 |
| 157.5° | 541.7 | 541.4 | 541.3 | 541.3 | 541.3 | 541.3 | 541.4 | 541.8 | 542.2 | 542.4 | 542.8 |
| 160° | 547.9 | 547.5 | 547.4 | 547.3 | 547.2 | 547.1 | 547.3 | 547.9 | 548.5 | 549.0 | 549.6 |
| 162.5° | 553.5 | 553.0 | 552.9 | 552.8 | 552.7 | 552.6 | 552.8 | 553.4 | 553.9 | 554.5 | 555.1 |
| 165° | 560.8 | 560.2 | 560.2 | 560.1 | 560.0 | 559.9 | 560.2 | 560.7 | 561.3 | 561.8 | 562.4 |
| 167.5° | 566.4 | 565.6 | 565.5 | 565.4 | 565.3 | 565.2 | 565.5 | 566.1 | 566.8 | 567.3 | 567.9 |
| 170° | 569.1 | 568.4 | 568.3 | 568.2 | 568.1 | 568.0 | 568.3 | 568.9 | 569.6 | 570.3 | 571.0 |
| 172.5° | 571.5 | 570.8 | 570.6 | 570.4 | 570.2 | 570.1 | 570.3 | 571.0 | 571.7 | 572.3 | 573.0 |
| 175° | 573.8 | 573.1 | 573.0 | 572.9 | 572.8 | 572.7 | 573.0 | 573.5 | 574.1 | 574.7 | 575.2 |
| 177.5° | 575.0 | 574.6 | 574.5 | 574.4 | 574.3 | 574.2 | 574.4 | 574.9 | 575.3 | 575.8 | 576.3 |
| 180° | 575.2 | 575.2 | 575.2 | 575.2 | 575.2 | 575.2 | 575.2 | 575.2 | 575.2 | 575.2 | 575.2 |



TEST NUMBER: P333660-830

CATALOG NUMBER: S125RDIW-S610D470U830-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 872.2 | 872.2 | 872.2 | 872.2 | 872.2 | 872.2 | 872.2 | 872.2 | 872.2 | 872.2 | 872.2 |
| 2.5° | 876.5 | 879.1 | 882.8 | 887.1 | 890.5 | 894.3 | 896.3 | 896.3 | 898.0 | 901.7 | 906.5 |
| 5° | 879.0 | 888.3 | 897.3 | 908.7 | 917.7 | 928.0 | 935.9 | 943.5 | 950.3 | 958.8 | 967.8 |
| 7.5° | 878.3 | 893.7 | 909.8 | 927.9 | 947.8 | 963.7 | 979.9 | 992.7 | 1005.2 | 1021.7 | 1034.7 |
| 10° | 875.4 | 895.5 | 917.3 | 940.2 | 965.3 | 987.1 | 1006.8 | 1024.7 | 1041.9 | 1059.8 | 1075.9 |
| 12.5° | 870.2 | 895.8 | 922.5 | 950.0 | 981.7 | 1006.6 | 1032.0 | 1051.1 | 1071.1 | 1090.7 | 1110.6 |
| 15° | 862.5 | 892.6 | 924.8 | 963.2 | 1001.8 | 1029.7 | 1054.8 | 1079.5 | 1098.2 | 1120.3 | 1139.3 |
| 17.5° | 846.6 | 885.3 | 925.9 | 967.7 | 1004.8 | 1037.4 | 1063.6 | 1087.1 | 1106.9 | 1131.3 | 1157.2 |
| 20° | 837.1 | 879.0 | 921.2 | 966.0 | 1001.5 | 1034.7 | 1060.2 | 1084.5 | 1109.2 | 1141.1 | 1172.6 |
| 22.5° | 824.0 | 868.6 | 913.5 | 956.0 | 993.4 | 1025.6 | 1051.9 | 1081.7 | 1114.1 | 1150.3 | 1188.4 |
| 25° | 803.1 | 849.3 | 893.7 | 934.2 | 970.6 | 1003.6 | 1039.4 | 1079.5 | 1118.9 | 1166.5 | 1221.3 |
| 27.5° | 776.7 | 821.2 | 860.8 | 903.5 | 939.9 | 981.8 | 1026.4 | 1069.9 | 1126.7 | 1192.2 | 1260.7 |
| 30° | 756.9 | 799.2 | 836.8 | 877.2 | 918.4 | 964.6 | 1014.7 | 1065.9 | 1133.6 | 1210.5 | 1291.8 |
| 32.5° | 734.0 | 772.2 | 809.5 | 848.6 | 896.1 | 946.8 | 1000.1 | 1062.7 | 1143.6 | 1231.1 | 1315.3 |
| 35° | 694.3 | 728.6 | 764.8 | 808.1 | 858.6 | 913.7 | 981.8 | 1058.0 | 1155.7 | 1249.9 | 1325.5 |
| 37.5° | 652.6 | 679.7 | 716.0 | 761.7 | 816.7 | 880.5 | 957.7 | 1050.4 | 1150.8 | 1235.3 | 1267.4 |
| 40° | 620.5 | 645.9 | 684.2 | 732.2 | 786.6 | 856.5 | 943.1 | 1038.3 | 1139.3 | 1198.0 | 1195.5 |
| 42.5° | 588.7 | 614.4 | 651.3 | 699.6 | 756.3 | 834.4 | 923.6 | 1022.6 | 1107.8 | 1130.1 | 1083.5 |
| 45° | 539.9 | 563.9 | 600.1 | 648.8 | 709.6 | 791.6 | 885.4 | 980.3 | 1034.7 | 998.6 | 906.3 |
| 47.5° | 490.2 | 513.5 | 547.1 | 594.7 | 661.2 | 747.1 | 835.8 | 913.6 | 921.2 | 843.6 | 732.7 |
| 50° | 457.6 | 479.4 | 511.3 | 562.1 | 626.6 | 710.4 | 796.0 | 857.1 | 838.2 | 743.3 | 629.1 |
| 52.5° | 425.7 | 446.8 | 476.6 | 524.6 | 590.5 | 672.6 | 748.9 | 797.0 | 753.1 | 652.2 | 549.5 |
| 55° | 378.8 | 398.9 | 429.0 | 473.0 | 532.7 | 607.9 | 675.0 | 692.5 | 628.0 | 526.3 | 443.3 |
| 57.5° | 334.2 | 348.8 | 378.6 | 417.5 | 475.2 | 541.5 | 589.5 | 586.4 | 515.2 | 423.7 | 364.1 |
| 60° | 304.7 | 317.9 | 346.2 | 382.0 | 436.8 | 496.2 | 529.9 | 515.6 | 443.7 | 368.1 | 310.8 |
| 62.5° | 277.2 | 289.5 | 313.3 | 346.2 | 393.3 | 445.0 | 469.5 | 449.7 | 381.7 | 315.4 | 269.8 |
| 65° | 235.6 | 244.6 | 263.5 | 294.0 | 330.8 | 366.6 | 388.5 | 359.5 | 299.4 | 249.2 | 214.8 |
| 67.5° | 196.7 | 204.4 | 221.3 | 243.2 | 268.6 | 293.3 | 302.2 | 274.9 | 228.2 | 194.4 | 170.2 |
| 70° | 171.5 | 178.7 | 190.1 | 210.6 | 227.3 | 244.9 | 249.2 | 224.9 | 185.9 | 160.0 | 145.0 |
| 72.5° | 147.4 | 154.0 | 164.1 | 178.4 | 190.1 | 200.2 | 202.3 | 179.6 | 149.8 | 132.0 | 120.4 |
| 75° | 112.4 | 118.2 | 124.6 | 130.0 | 137.5 | 139.3 | 138.6 | 121.0 | 104.9 | 93.1 | 86.6 |
| 77.5° | 82.7 | 85.0 | 89.0 | 91.0 | 91.4 | 91.3 | 87.7 | 76.5 | 68.2 | 63.3 | 60.7 |
| 80° | 63.7 | 65.5 | 66.6 | 67.3 | 67.7 | 64.1 | 60.1 | 53.3 | 50.5 | 47.6 | 44.4 |
| 82.5° | 46.3 | 47.5 | 48.5 | 48.7 | 46.8 | 43.7 | 40.1 | 36.8 | 34.7 | 33.3 | 32.0 |
| 85° | 25.1 | 25.4 | 25.1 | 23.3 | 20.7 | 19.7 | 18.9 | 18.3 | 17.9 | 17.5 | 17.5 |
| 87.5° | 9.1 | 8.4 | 7.2 | 7.5 | 7.7 | 7.5 | 7.7 | 7.5 | 7.4 | 7.4 | 7.5 |
| 90° | 1.2 | 2.0 | 2.7 | 3.5 | 4.1 | 4.8 | 5.5 | 6.1 | 6.8 | 7.3 | 7.7 |
| 92.5° | 6.0 | 5.5 | 5.0 | 4.4 | 4.4 | 5.1 | 5.7 | 6.2 | 6.8 | 7.3 | 7.7 |
| 95° | 24.0 | 23.8 | 23.5 | 23.2 | 21.2 | 17.6 | 14.0 | 10.5 | 6.8 | 7.3 | 7.7 |
| 97.5° | 51.3 | 51.7 | 52.3 | 52.8 | 49.5 | 42.3 | 35.3 | 28.1 | 21.0 | 18.3 | 15.6 |
| 100° | 71.5 | 71.8 | 72.1 | 72.4 | 72.7 | 73.0 | 73.4 | 73.8 | 74.2 | 60.0 | 46.0 |
| 102.5° | 92.4 | 92.7 | 93.1 | 93.5 | 93.8 | 94.0 | 94.2 | 94.4 | 94.6 | 92.0 | 89.4 |
| 105° | 125.7 | 126.1 | 126.5 | 126.9 | 127.1 | 127.1 | 127.1 | 127.1 | 127.1 | 127.1 | 127.1 |
| 107.5° | 159.9 | 159.9 | 159.9 | 159.9 | 160.0 | 160.2 | 160.4 | 160.6 | 160.8 | 160.9 | 160.9 |
| 110° | 182.5 | 182.5 | 182.5 | 182.5 | 182.6 | 182.8 | 182.9 | 183.1 | 183.3 | 183.0 | 182.8 |



TEST NUMBER: P333660-830

CATALOG NUMBER: S125RDIW-S610D470U830-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 203.9 | 204.1 | 204.3 | 204.5 | 204.7 | 204.8 | 205.0 | 205.1 | 205.2 | 204.8 | 204.4 |
| 115° | 235.8 | 236.3 | 236.8 | 237.2 | 237.5 | 237.6 | 237.7 | 237.8 | 237.9 | 237.5 | 237.1 |
| 117.5° | 268.2 | 268.2 | 268.2 | 268.2 | 268.3 | 268.6 | 269.0 | 269.4 | 269.8 | 269.3 | 268.7 |
| 120° | 288.6 | 288.5 | 288.4 | 288.3 | 288.4 | 288.7 | 289.0 | 289.3 | 289.5 | 289.4 | 289.2 |
| 122.5° | 307.1 | 307.5 | 307.8 | 308.2 | 308.4 | 308.6 | 308.7 | 308.9 | 309.0 | 308.8 | 308.6 |
| 125° | 335.4 | 336.0 | 336.7 | 337.3 | 337.7 | 337.7 | 337.7 | 337.7 | 337.7 | 337.3 | 337.0 |
| 127.5° | 361.9 | 362.4 | 362.9 | 363.4 | 363.5 | 363.4 | 363.4 | 363.4 | 363.3 | 363.1 | 362.9 |
| 130° | 378.2 | 378.7 | 379.2 | 379.7 | 379.9 | 380.0 | 380.1 | 380.2 | 380.3 | 380.0 | 379.8 |
| 132.5° | 394.7 | 395.3 | 395.8 | 396.3 | 396.5 | 396.3 | 396.2 | 395.9 | 395.7 | 395.7 | 395.6 |
| 135° | 418.0 | 418.6 | 419.1 | 419.7 | 419.9 | 419.7 | 419.5 | 419.3 | 419.1 | 419.0 | 418.8 |
| 137.5° | 439.3 | 439.8 | 440.4 | 440.8 | 441.0 | 440.8 | 440.6 | 440.5 | 440.3 | 440.4 | 440.4 |
| 140° | 453.0 | 453.2 | 453.4 | 453.6 | 453.6 | 453.6 | 453.5 | 453.4 | 453.3 | 453.5 | 453.6 |
| 142.5° | 465.6 | 465.7 | 465.8 | 465.9 | 466.0 | 466.2 | 466.3 | 466.5 | 466.6 | 466.6 | 466.7 |
| 145° | 484.2 | 484.4 | 484.6 | 484.7 | 484.8 | 484.8 | 484.8 | 484.8 | 484.8 | 484.9 | 485.0 |
| 147.5° | 500.1 | 500.1 | 500.0 | 500.0 | 500.0 | 500.2 | 500.3 | 500.4 | 500.5 | 500.6 | 500.8 |
| 150° | 510.2 | 510.0 | 509.8 | 509.6 | 509.6 | 509.8 | 510.0 | 510.2 | 510.4 | 510.6 | 510.8 |
| 152.5° | 519.9 | 519.4 | 519.1 | 518.6 | 518.5 | 518.7 | 518.9 | 519.1 | 519.2 | 519.4 | 519.6 |
| 155° | 532.4 | 531.9 | 531.3 | 530.7 | 530.6 | 530.7 | 530.9 | 531.1 | 531.3 | 531.6 | 531.9 |
| 157.5° | 542.4 | 542.2 | 541.8 | 541.4 | 541.3 | 541.3 | 541.3 | 541.3 | 541.4 | 541.7 | 542.0 |
| 160° | 549.0 | 548.5 | 547.9 | 547.3 | 547.1 | 547.2 | 547.3 | 547.4 | 547.5 | 547.9 | 548.3 |
| 162.5° | 554.5 | 553.9 | 553.4 | 552.8 | 552.6 | 552.7 | 552.8 | 552.9 | 553.0 | 553.5 | 554.0 |
| 165° | 561.8 | 561.3 | 560.7 | 560.2 | 559.9 | 560.0 | 560.1 | 560.2 | 560.2 | 560.8 | 561.5 |
| 167.5° | 567.3 | 566.8 | 566.1 | 565.5 | 565.2 | 565.3 | 565.4 | 565.5 | 565.6 | 566.4 | 567.0 |
| 170° | 570.3 | 569.6 | 568.9 | 568.3 | 568.0 | 568.1 | 568.2 | 568.3 | 568.4 | 569.1 | 569.9 |
| 172.5° | 572.3 | 571.7 | 571.0 | 570.3 | 570.1 | 570.2 | 570.4 | 570.6 | 570.8 | 571.5 | 572.1 |
| 175° | 574.7 | 574.1 | 573.5 | 573.0 | 572.7 | 572.8 | 572.9 | 573.0 | 573.1 | 573.8 | 574.6 |
| 177.5° | 575.8 | 575.3 | 574.9 | 574.4 | 574.2 | 574.3 | 574.4 | 574.5 | 574.6 | 575.0 | 575.6 |
| 180° | 575.2 | 575.2 | 575.2 | 575.2 | 575.2 | 575.2 | 575.2 | 575.2 | 575.2 | 575.2 | 575.2 |



TEST NUMBER: P333660-830

CATALOG NUMBER: S125RDIW-S610D470U830-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 872.2 | 872.2 | 872.2 | 872.2 | 872.2 | 872.2 | 872.2 |
| 2.5° | 910.3 | 910.3 | 915.2 | 914.8 | 918.0 | 916.9 | 917.5 |
| 5° | 978.5 | 984.6 | 990.0 | 993.5 | 998.9 | 1000.4 | 999.7 |
| 7.5° | 1049.3 | 1062.8 | 1069.4 | 1078.5 | 1080.1 | 1084.8 | 1084.3 |
| 10° | 1093.1 | 1106.4 | 1116.3 | 1124.3 | 1128.2 | 1133.2 | 1133.6 |
| 12.5° | 1127.5 | 1138.7 | 1147.6 | 1154.9 | 1159.7 | 1161.3 | 1162.2 |
| 15° | 1154.3 | 1166.9 | 1177.2 | 1187.6 | 1193.7 | 1198.3 | 1200.9 |
| 17.5° | 1181.4 | 1200.7 | 1219.1 | 1233.2 | 1241.6 | 1248.8 | 1248.7 |
| 20° | 1202.3 | 1224.6 | 1247.5 | 1263.6 | 1280.0 | 1287.1 | 1288.3 |
| 22.5° | 1224.6 | 1258.6 | 1288.1 | 1313.1 | 1334.7 | 1342.2 | 1344.9 |
| 25° | 1271.0 | 1315.4 | 1360.9 | 1396.0 | 1421.1 | 1435.8 | 1437.9 |
| 27.5° | 1327.1 | 1387.2 | 1435.0 | 1467.4 | 1488.3 | 1499.1 | 1501.5 |
| 30° | 1366.7 | 1422.1 | 1465.1 | 1489.5 | 1499.1 | 1500.5 | 1495.2 |
| 32.5° | 1384.4 | 1425.9 | 1443.0 | 1441.6 | 1422.7 | 1410.0 | 1405.2 |
| 35° | 1362.7 | 1354.2 | 1312.2 | 1262.1 | 1223.8 | 1199.5 | 1193.0 |
| 37.5° | 1240.1 | 1166.0 | 1088.9 | 1013.2 | 972.9 | 952.4 | 917.2 |
| 40° | 1119.3 | 1013.6 | 933.4 | 869.7 | 824.3 | 787.7 | 779.1 |
| 42.5° | 982.9 | 873.8 | 793.6 | 739.0 | 702.8 | 677.7 | 666.8 |
| 45° | 789.9 | 696.1 | 629.8 | 587.9 | 560.0 | 541.7 | 533.5 |
| 47.5° | 631.7 | 559.1 | 510.9 | 479.8 | 458.5 | 442.7 | 438.3 |
| 50° | 545.0 | 486.9 | 446.1 | 420.0 | 403.9 | 391.7 | 386.7 |
| 52.5° | 473.3 | 426.5 | 395.1 | 373.6 | 358.4 | 350.7 | 346.6 |
| 55° | 390.6 | 350.2 | 327.6 | 310.4 | 301.8 | 295.8 | 292.8 |
| 57.5° | 319.4 | 290.2 | 273.7 | 261.8 | 253.9 | 250.1 | 248.6 |
| 60° | 279.7 | 256.7 | 241.7 | 232.3 | 227.0 | 222.0 | 220.6 |
| 62.5° | 244.4 | 226.4 | 214.7 | 206.6 | 201.2 | 199.1 | 198.2 |
| 65° | 196.9 | 185.1 | 176.5 | 171.5 | 167.2 | 166.5 | 166.2 |
| 67.5° | 156.6 | 149.6 | 145.1 | 139.9 | 138.4 | 135.8 | 135.3 |
| 70° | 133.9 | 129.2 | 123.9 | 122.1 | 120.3 | 117.8 | 118.2 |
| 72.5° | 113.6 | 109.0 | 105.3 | 102.9 | 102.3 | 101.2 | 102.1 |
| 75° | 83.0 | 81.6 | 80.2 | 78.4 | 77.7 | 77.7 | 77.4 |
| 77.5° | 59.3 | 58.1 | 56.5 | 55.4 | 55.2 | 53.7 | 54.3 |
| 80° | 43.0 | 41.2 | 40.4 | 40.8 | 39.8 | 39.4 | 39.4 |
| 82.5° | 31.8 | 31.1 | 30.4 | 30.5 | 30.3 | 30.0 | 30.3 |
| 85° | 17.5 | 17.2 | 17.2 | 16.9 | 16.9 | 16.5 | 16.5 |
| 87.5° | 7.9 | 8.3 | 7.8 | 7.6 | 7.6 | 8.0 | 8.4 |
| 90° | 8.2 | 8.7 | 9.1 | 9.4 | 9.7 | 10.0 | 10.3 |
| 92.5° | 8.2 | 8.7 | 9.0 | 9.1 | 9.3 | 9.4 | 9.5 |
| 95° | 8.2 | 8.7 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 |
| 97.5° | 13.0 | 10.3 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 |
| 100° | 31.9 | 17.7 | 10.5 | 10.1 | 9.7 | 9.3 | 9.0 |
| 102.5° | 86.6 | 84.0 | 79.5 | 73.0 | 66.5 | 60.0 | 53.6 |
| 105° | 127.1 | 127.1 | 127.1 | 127.0 | 126.9 | 126.8 | 126.7 |
| 107.5° | 160.9 | 160.9 | 160.8 | 160.5 | 160.2 | 159.9 | 159.7 |
| 110° | 182.5 | 182.2 | 182.1 | 182.2 | 182.3 | 182.4 | 182.5 |



TEST NUMBER: P333660-830

CATALOG NUMBER: S125RDIW-S610D470U830-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 204.1 | 203.8 | 203.5 | 203.4 | 203.2 | 203.1 | 202.9 |
| 115° | 236.8 | 236.4 | 235.9 | 235.4 | 234.8 | 234.2 | 233.7 |
| 117.5° | 268.2 | 267.8 | 267.4 | 267.1 | 266.9 | 266.6 | 266.5 |
| 120° | 289.0 | 288.8 | 288.4 | 287.9 | 287.5 | 287.0 | 286.5 |
| 122.5° | 308.4 | 308.2 | 307.8 | 307.3 | 306.7 | 306.2 | 305.7 |
| 125° | 336.6 | 336.2 | 335.8 | 335.5 | 335.3 | 335.0 | 334.7 |
| 127.5° | 362.7 | 362.5 | 362.0 | 361.3 | 360.6 | 359.9 | 359.2 |
| 130° | 379.5 | 379.2 | 378.8 | 378.3 | 377.9 | 377.4 | 376.9 |
| 132.5° | 395.5 | 395.5 | 395.2 | 394.7 | 394.3 | 393.8 | 393.3 |
| 135° | 418.6 | 418.4 | 418.0 | 417.5 | 416.9 | 416.3 | 415.8 |
| 137.5° | 440.5 | 440.5 | 440.3 | 439.7 | 439.2 | 438.8 | 438.3 |
| 140° | 453.8 | 454.0 | 453.8 | 453.3 | 452.7 | 452.1 | 451.6 |
| 142.5° | 466.7 | 466.7 | 466.5 | 465.9 | 465.3 | 464.8 | 464.2 |
| 145° | 485.1 | 485.2 | 484.9 | 484.4 | 483.8 | 483.2 | 482.7 |
| 147.5° | 500.9 | 501.0 | 500.7 | 500.0 | 499.4 | 498.6 | 497.9 |
| 150° | 511.0 | 511.1 | 510.9 | 510.1 | 509.3 | 508.6 | 507.8 |
| 152.5° | 519.8 | 520.0 | 519.8 | 519.1 | 518.4 | 517.7 | 517.1 |
| 155° | 532.2 | 532.4 | 532.2 | 531.4 | 530.7 | 529.9 | 529.1 |
| 157.5° | 542.2 | 542.5 | 542.3 | 541.6 | 540.8 | 540.1 | 539.3 |
| 160° | 548.7 | 549.0 | 548.8 | 548.1 | 547.3 | 546.6 | 545.8 |
| 162.5° | 554.6 | 555.1 | 555.0 | 554.1 | 553.3 | 552.4 | 551.6 |
| 165° | 562.0 | 562.6 | 562.5 | 561.8 | 560.9 | 560.2 | 559.4 |
| 167.5° | 567.7 | 568.4 | 568.4 | 567.4 | 566.6 | 565.7 | 564.9 |
| 170° | 570.7 | 571.5 | 571.4 | 570.5 | 569.7 | 568.8 | 568.0 |
| 172.5° | 572.8 | 573.5 | 573.4 | 572.6 | 571.7 | 570.9 | 570.0 |
| 175° | 575.3 | 576.1 | 576.1 | 575.2 | 574.4 | 573.5 | 572.7 |
| 177.5° | 576.1 | 576.6 | 576.6 | 576.0 | 575.4 | 574.8 | 574.2 |
| 180° | 575.2 | 575.2 | 575.2 | 575.2 | 575.2 | 575.2 | 575.2 |

(END OF REPORT)