

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: P333534-830

Luminaire Tested: **S125RDIP-S610D810U830-4F0-1E-UDD-A4**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P333534-830
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-19,
Test Lab: INNOVATION CENTER
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: NEO-RAY
Catalog Number: S125RDIP-S610D810U830-4F0-1E-UDD-A4
Description: DEFINE 5 DIRECT-INDIRECT PENDANT LED LUMINAIRE
DOWNLIGHT 610 LUMENS PER FOOT, ASYMMETRIC DIFFUSER, REGRESSED HOUSING
UPLIGHT 810 LUMENS PER FOOT, BATWING OPTIC
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5003.0 lumens
Efficiency: N/A
Efficacy: 130.3 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

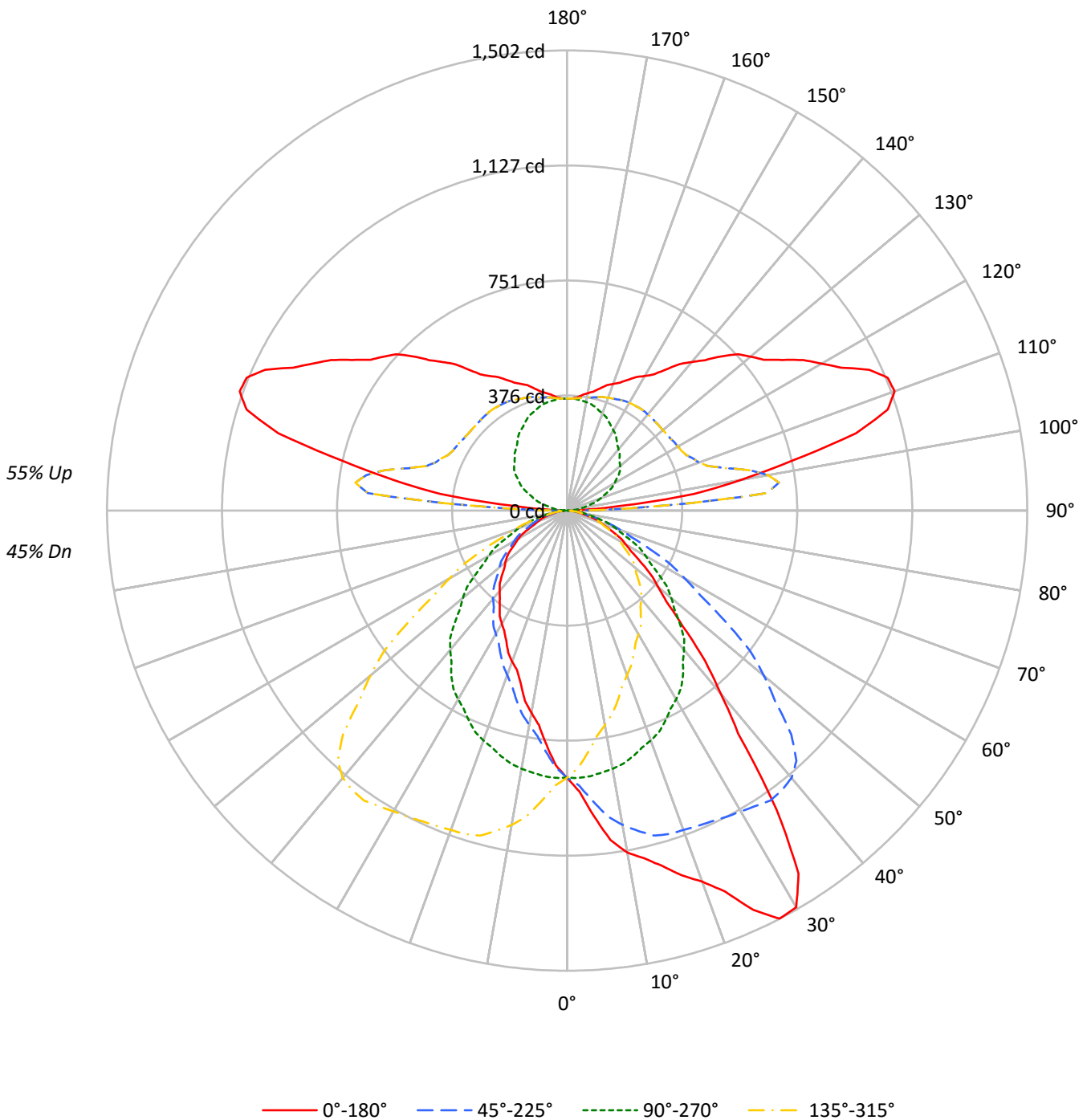
Input Watts (W): 38.4
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P333534-830

CATALOG NUMBER: S125RDIP-S610D810U830-4F0-1E-UDD-A4

Luminous Intensity Polar Plot





TEST NUMBER: P333534-830

CATALOG NUMBER: S125RDIP-S610D810U830-4F0-1E-UDD-A4

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 | 106 | 106 | 106 | 106 | 97 | 97 | 97 | 97 | 81 | 81 | 81 | 66 | 66 | 66 | 52 | 52 | 52 | 45 |
| 1 | 97 | 93 | 89 | 86 | 89 | 85 | 82 | 79 | 71 | 69 | 67 | 58 | 57 | 55 | 46 | 45 | 44 | 39 |
| 2 | 89 | 82 | 76 | 71 | 81 | 75 | 70 | 66 | 63 | 59 | 56 | 52 | 49 | 47 | 41 | 39 | 38 | 33 |
| 3 | 81 | 72 | 65 | 59 | 74 | 66 | 60 | 55 | 56 | 51 | 47 | 46 | 43 | 40 | 37 | 35 | 33 | 28 |
| 4 | 74 | 64 | 56 | 50 | 68 | 59 | 52 | 47 | 50 | 45 | 41 | 41 | 37 | 34 | 33 | 30 | 28 | 25 |
| 5 | 68 | 57 | 49 | 43 | 62 | 53 | 46 | 41 | 45 | 39 | 35 | 37 | 33 | 30 | 30 | 27 | 25 | 22 |
| 6 | 63 | 51 | 43 | 38 | 58 | 47 | 40 | 35 | 40 | 35 | 31 | 33 | 29 | 26 | 27 | 24 | 22 | 19 |
| 7 | 58 | 46 | 38 | 33 | 53 | 43 | 36 | 31 | 36 | 31 | 27 | 30 | 26 | 23 | 25 | 22 | 20 | 17 |
| 8 | 54 | 42 | 34 | 29 | 49 | 39 | 32 | 27 | 33 | 28 | 24 | 28 | 24 | 21 | 23 | 20 | 18 | 15 |
| 9 | 50 | 38 | 31 | 26 | 46 | 36 | 29 | 24 | 30 | 25 | 22 | 26 | 22 | 19 | 21 | 18 | 16 | 14 |
| 10 | 47 | 35 | 28 | 23 | 43 | 33 | 26 | 22 | 28 | 23 | 19 | 24 | 20 | 17 | 19 | 17 | 14 | 12 |

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: P333534-830

CATALOG NUMBER: S125RDIP-S610D810U830-4F0-1E-UDD-A4

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 83.6 | 1.7 |
| 10°-20° | 245.1 | 4.9 |
| 20°-30° | 388.6 | 7.8 |
| 30°-40° | 468.7 | 9.4 |
| 40°-50° | 418.5 | 8.4 |
| 50°-60° | 321.0 | 6.4 |
| 60°-70° | 208.6 | 4.2 |
| 70°-80° | 101.4 | 2.0 |
| 80°-90° | 26.2 | 0.5 |
| 90°-100° | 264.9 | 5.3 |
| 100°-110° | 569.6 | 11.4 |
| 110°-120° | 534.5 | 10.7 |
| 120°-130° | 433.2 | 8.7 |
| 130°-140° | 347.7 | 6.9 |
| 140°-150° | 262.4 | 5.2 |
| 150°-160° | 184.7 | 3.7 |
| 160°-170° | 108.8 | 2.2 |
| 170°-180° | 35.4 | 0.7 |
| 0°-30° | 717.4 | 14.3 |
| 0°-40° | 1186.0 | 23.7 |
| 0°-60° | 1925.5 | 38.5 |
| 0°-90° | 2261.8 | 45.2 |
| 90°-120° | 1369.1 | 27.4 |
| 90°-150° | 2412.3 | 48.2 |
| 90°-180° | 2741.0 | 54.8 |
| 0°-180° | 5003.0 | 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° | 17 | 1 | 17 | 1 | 17 | 12 |
| 95° | 173 | 24 | 173 | 24 | 173 | 245 |
| 105° | 976 | 83 | 976 | 83 | 976 | 971 |
| 115° | 1088 | 149 | 1088 | 149 | 1088 | 1063 |
| 125° | 857 | 206 | 857 | 206 | 857 | 775 |
| 135° | 712 | 242 | 712 | 242 | 712 | 552 |
| 145° | 562 | 282 | 562 | 282 | 562 | 357 |
| 155° | 471 | 321 | 471 | 321 | 471 | 219 |
| 165° | 413 | 351 | 413 | 351 | 413 | 118 |
| 175° | 371 | 365 | 371 | 365 | 371 | 36 |
| 180° | 366 | 366 | 366 | 366 | 366 | |



TEST NUMBER: P333534-830

CATALOG NUMBER: S125RDIP-S610D810U830-4F0-1E-UDD-A4

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° | 9.7 | 9.4 | 9.0 | 9.0 | 9.2 | 9.5 | 9.1 | 8.7 | 8.5 | 8.4 | 8.4 |
| 90° | 17.0 | 17.0 | 16.2 | 16.2 | 16.2 | 14.7 | 14.0 | 13.3 | 12.5 | 11.8 | 10.3 |
| 92.5° | 47.0 | 48.2 | 49.2 | 51.0 | 60.4 | 71.4 | 94.8 | 130.6 | 192.4 | 237.6 | 241.4 |
| 95° | 173.1 | 185.0 | 190.9 | 213.0 | 265.3 | 327.3 | 417.8 | 529.9 | 638.9 | 653.0 | 532.8 |
| 97.5° | 418.6 | 428.0 | 449.4 | 490.7 | 536.2 | 622.3 | 710.6 | 789.2 | 808.4 | 697.3 | 475.8 |
| 100° | 574.9 | 586.6 | 613.9 | 666.9 | 717.8 | 794.5 | 870.3 | 906.4 | 849.7 | 665.5 | 424.5 |
| 102.5° | 749.3 | 758.2 | 787.8 | 825.6 | 880.0 | 931.8 | 968.3 | 945.9 | 825.0 | 609.4 | 385.6 |
| 105° | 976.5 | 985.3 | 1000.0 | 1024.4 | 1048.0 | 1056.1 | 1023.7 | 922.7 | 745.8 | 534.3 | 347.9 |
| 107.5° | 1097.0 | 1103.0 | 1107.8 | 1108.0 | 1096.0 | 1057.5 | 974.3 | 839.5 | 665.1 | 482.6 | 332.0 |
| 110° | 1137.2 | 1137.2 | 1132.0 | 1117.9 | 1084.8 | 1022.2 | 918.2 | 778.3 | 619.1 | 458.4 | 327.3 |



TEST NUMBER: P333534-830

CATALOG NUMBER: S125RDIP-S610D810U830-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|
| 112.5° | 1132.5 | 1127.1 | 1114.3 | 1090.2 | 1041.8 | 967.9 | 862.8 | 729.9 | 584.8 | 444.2 | 327.3 |
| 115° | 1087.8 | 1078.2 | 1057.5 | 1022.2 | 964.7 | 884.4 | 783.4 | 669.2 | 547.5 | 429.0 | 329.4 |
| 117.5° | 1009.5 | 1003.6 | 983.1 | 946.6 | 889.1 | 815.4 | 728.4 | 630.0 | 525.3 | 421.4 | 334.3 |
| 120° | 958.8 | 952.9 | 933.0 | 897.6 | 843.1 | 778.3 | 697.2 | 608.7 | 512.9 | 417.8 | 339.0 |
| 122.5° | 914.0 | 908.7 | 888.8 | 856.4 | 807.8 | 747.0 | 674.8 | 592.9 | 502.3 | 414.9 | 343.1 |
| 125° | 857.1 | 849.7 | 833.5 | 803.3 | 762.0 | 709.0 | 644.9 | 569.7 | 487.9 | 411.2 | 350.1 |
| 127.5° | 808.4 | 805.2 | 789.9 | 763.2 | 725.8 | 676.1 | 616.2 | 546.1 | 474.6 | 409.4 | 357.9 |
| 130° | 781.9 | 777.5 | 762.8 | 738.5 | 701.6 | 653.7 | 596.3 | 531.3 | 465.8 | 408.3 | 362.6 |
| 132.5° | 755.4 | 750.4 | 736.8 | 712.5 | 675.6 | 629.5 | 577.3 | 516.6 | 458.7 | 408.3 | 367.9 |
| 135° | 711.9 | 707.5 | 694.2 | 669.9 | 637.4 | 595.5 | 548.3 | 497.5 | 450.3 | 408.3 | 375.1 |
| 137.5° | 665.5 | 660.6 | 648.4 | 626.3 | 597.2 | 561.6 | 522.4 | 481.3 | 442.8 | 409.2 | 381.7 |
| 140° | 633.0 | 629.3 | 618.3 | 599.2 | 571.8 | 540.9 | 507.0 | 472.4 | 439.2 | 409.7 | 384.7 |
| 142.5° | 602.9 | 599.9 | 589.5 | 573.3 | 550.1 | 523.2 | 494.1 | 464.8 | 436.3 | 410.4 | 386.4 |
| 145° | 561.6 | 558.6 | 550.5 | 538.0 | 520.3 | 500.4 | 477.6 | 454.7 | 431.9 | 409.7 | 388.4 |
| 147.5° | 526.5 | 525.2 | 520.5 | 510.4 | 496.4 | 481.4 | 463.8 | 445.3 | 427.3 | 407.8 | 389.1 |
| 150° | 507.0 | 506.3 | 503.3 | 494.6 | 483.4 | 470.1 | 456.2 | 440.0 | 423.8 | 406.0 | 389.1 |
| 152.5° | 491.7 | 491.0 | 488.0 | 481.0 | 471.6 | 461.4 | 448.6 | 434.0 | 419.6 | 403.7 | 388.5 |
| 155° | 470.9 | 470.1 | 468.0 | 462.8 | 455.4 | 447.3 | 437.1 | 425.3 | 412.7 | 399.4 | 386.9 |
| 157.5° | 452.3 | 452.5 | 450.4 | 446.2 | 440.5 | 434.0 | 426.1 | 416.4 | 406.2 | 395.0 | 385.0 |
| 160° | 440.0 | 440.7 | 439.2 | 435.5 | 430.4 | 425.3 | 417.8 | 410.5 | 401.0 | 392.1 | 383.2 |
| 162.5° | 428.8 | 429.0 | 428.6 | 425.6 | 421.5 | 417.0 | 410.8 | 404.0 | 396.2 | 388.5 | 381.4 |
| 165° | 412.7 | 412.7 | 412.7 | 411.2 | 408.3 | 404.6 | 400.2 | 395.0 | 389.1 | 383.2 | 378.8 |
| 167.5° | 397.9 | 398.1 | 398.7 | 397.4 | 395.9 | 393.2 | 389.8 | 386.4 | 382.2 | 378.1 | 374.7 |
| 170° | 389.1 | 389.8 | 389.8 | 389.1 | 387.7 | 386.2 | 384.0 | 381.7 | 378.1 | 375.1 | 372.9 |
| 172.5° | 380.9 | 381.6 | 382.8 | 381.4 | 381.2 | 380.3 | 378.6 | 376.5 | 373.9 | 371.6 | 370.5 |
| 175° | 370.7 | 371.5 | 372.9 | 372.2 | 372.2 | 372.2 | 370.7 | 370.7 | 368.4 | 367.8 | 367.8 |
| 177.5° | 365.5 | 365.5 | 367.3 | 366.7 | 367.3 | 367.3 | 367.3 | 366.7 | 366.1 | 365.5 | 365.5 |
| 180° | 365.5 | 365.5 | 365.5 | 365.5 | 365.5 | 365.5 | 365.5 | 365.5 | 365.5 | 365.5 | 365.5 |



TEST NUMBER: P333534-830

CATALOG NUMBER: S125RDIP-S610D810U830-4F0-1E-UDD-A4

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° | 8.5 | 8.2 | 8.4 | 8.0 | 7.4 | 8.6 | 9.1 | 9.3 | 8.9 | 8.6 | 8.3 |
| 90° | 9.6 | 8.1 | 7.4 | 5.9 | 4.4 | 2.9 | 1.5 | 0.8 | 1.5 | 2.9 | 4.4 |
| 92.5° | 168.1 | 100.7 | 60.4 | 38.9 | 26.2 | 17.1 | 10.9 | 9.0 | 10.9 | 17.1 | 26.2 |
| 95° | 329.4 | 167.3 | 88.4 | 55.2 | 39.0 | 30.9 | 25.1 | 24.3 | 25.1 | 30.9 | 39.0 |
| 97.5° | 263.0 | 144.1 | 92.0 | 68.1 | 53.5 | 45.4 | 41.3 | 40.3 | 41.3 | 45.4 | 53.5 |
| 100° | 238.7 | 143.0 | 100.2 | 78.1 | 64.1 | 56.0 | 53.1 | 51.6 | 53.1 | 56.0 | 64.1 |
| 102.5° | 228.8 | 148.3 | 110.3 | 88.7 | 75.9 | 67.2 | 64.8 | 64.0 | 64.8 | 67.2 | 75.9 |
| 105° | 224.8 | 159.2 | 126.8 | 106.1 | 94.3 | 87.0 | 83.3 | 83.3 | 83.3 | 87.0 | 94.3 |
| 107.5° | 231.6 | 175.4 | 144.0 | 125.5 | 113.2 | 107.2 | 103.6 | 102.2 | 103.6 | 107.2 | 113.2 |
| 110° | 238.1 | 187.2 | 156.9 | 137.8 | 126.8 | 120.1 | 117.2 | 115.7 | 117.2 | 120.1 | 126.8 |



TEST NUMBER: P333534-830

CATALOG NUMBER: S125RDIP-S610D810U830-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 246.3 | 198.4 | 169.4 | 150.8 | 139.7 | 133.1 | 130.7 | 129.2 | 130.7 | 133.1 | 139.7 |
| 115° | 258.6 | 215.9 | 188.7 | 170.2 | 159.2 | 152.6 | 150.3 | 148.8 | 150.3 | 152.6 | 159.2 |
| 117.5° | 272.9 | 233.9 | 208.1 | 190.3 | 177.8 | 171.2 | 168.8 | 166.5 | 168.8 | 171.2 | 177.8 |
| 120° | 282.3 | 246.9 | 221.1 | 202.6 | 190.1 | 183.5 | 180.6 | 178.3 | 180.6 | 183.5 | 190.1 |
| 122.5° | 292.8 | 259.3 | 233.5 | 215.1 | 201.3 | 194.7 | 192.4 | 190.8 | 192.4 | 194.7 | 201.3 |
| 125° | 307.3 | 275.6 | 251.3 | 232.1 | 218.1 | 211.5 | 207.8 | 206.3 | 207.8 | 211.5 | 218.1 |
| 127.5° | 320.6 | 291.4 | 268.0 | 248.8 | 233.9 | 225.6 | 220.8 | 218.6 | 220.8 | 225.6 | 233.9 |
| 130° | 329.4 | 301.4 | 278.6 | 259.4 | 243.9 | 234.3 | 228.5 | 226.2 | 228.5 | 234.3 | 243.9 |
| 132.5° | 337.1 | 310.9 | 288.0 | 268.8 | 252.8 | 242.0 | 235.0 | 232.1 | 235.0 | 242.0 | 252.8 |
| 135° | 347.9 | 323.6 | 300.7 | 280.8 | 265.3 | 253.5 | 244.7 | 241.8 | 244.7 | 253.5 | 265.3 |
| 137.5° | 355.8 | 332.5 | 311.7 | 291.2 | 276.1 | 264.3 | 256.0 | 253.8 | 256.0 | 264.3 | 276.1 |
| 140° | 361.1 | 339.0 | 317.6 | 297.7 | 283.7 | 271.9 | 263.1 | 260.9 | 263.1 | 271.9 | 283.7 |
| 142.5° | 364.1 | 343.1 | 322.9 | 304.3 | 290.8 | 279.0 | 270.8 | 269.1 | 270.8 | 279.0 | 290.8 |
| 145° | 368.4 | 350.1 | 330.9 | 314.0 | 300.7 | 290.4 | 283.0 | 281.5 | 283.0 | 290.4 | 300.7 |
| 147.5° | 371.2 | 354.5 | 337.7 | 322.8 | 311.3 | 301.7 | 295.4 | 294.5 | 295.4 | 301.7 | 311.3 |
| 150° | 372.9 | 357.4 | 341.2 | 328.7 | 318.4 | 308.8 | 303.6 | 302.2 | 303.6 | 308.8 | 318.4 |
| 152.5° | 374.1 | 360.3 | 345.3 | 334.0 | 324.2 | 315.8 | 311.3 | 310.4 | 311.3 | 315.8 | 324.2 |
| 155° | 375.1 | 363.4 | 350.8 | 340.4 | 333.1 | 325.7 | 321.3 | 321.3 | 321.3 | 325.7 | 333.1 |
| 157.5° | 375.9 | 365.8 | 355.1 | 347.2 | 340.7 | 334.4 | 330.9 | 331.0 | 330.9 | 334.4 | 340.7 |
| 160° | 375.9 | 367.0 | 357.4 | 350.8 | 344.9 | 339.8 | 336.8 | 337.5 | 336.8 | 339.8 | 344.9 |
| 162.5° | 375.2 | 368.2 | 359.8 | 354.3 | 349.6 | 345.1 | 342.1 | 342.8 | 342.1 | 345.1 | 349.6 |
| 165° | 374.4 | 368.4 | 362.6 | 358.2 | 355.2 | 351.6 | 349.3 | 350.8 | 349.3 | 351.6 | 355.2 |
| 167.5° | 372.6 | 368.4 | 363.6 | 360.8 | 358.7 | 356.7 | 355.3 | 356.1 | 355.3 | 356.7 | 358.7 |
| 170° | 371.5 | 368.4 | 364.8 | 362.6 | 361.1 | 359.7 | 358.9 | 359.7 | 358.9 | 359.7 | 361.1 |
| 172.5° | 370.2 | 367.9 | 364.8 | 363.7 | 362.9 | 361.4 | 360.7 | 362.0 | 360.7 | 361.4 | 362.9 |
| 175° | 368.4 | 367.0 | 364.8 | 364.8 | 364.8 | 364.1 | 363.4 | 364.8 | 363.4 | 364.1 | 364.8 |
| 177.5° | 366.7 | 366.1 | 365.0 | 365.0 | 365.5 | 365.0 | 365.0 | 366.1 | 365.0 | 365.0 | 365.5 |
| 180° | 365.5 | 365.5 | 365.5 | 365.5 | 365.5 | 365.5 | 365.5 | 365.5 | 365.5 | 365.5 | 365.5 |



TEST NUMBER: P333534-830

CATALOG NUMBER: S125RDIP-S610D810U830-4F0-1E-UDD-A4

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° | 8.3 | 8.7 | 8.5 | 9.3 | 8.7 | 9.2 | 9.4 | 9.2 | 9.4 | 9.5 | 9.5 |
| 90° | 5.9 | 7.4 | 8.1 | 9.6 | 10.3 | 11.8 | 12.5 | 13.3 | 14.0 | 14.7 | 16.2 |
| 92.5° | 38.9 | 60.4 | 100.7 | 168.1 | 241.4 | 237.6 | 192.4 | 130.6 | 94.8 | 71.4 | 60.4 |
| 95° | 55.2 | 88.4 | 167.3 | 329.4 | 532.8 | 653.0 | 638.9 | 529.9 | 417.8 | 327.3 | 265.3 |
| 97.5° | 68.1 | 92.0 | 144.1 | 263.0 | 475.8 | 697.3 | 808.4 | 789.2 | 710.6 | 622.3 | 536.2 |
| 100° | 78.1 | 100.2 | 143.0 | 238.7 | 424.5 | 665.5 | 849.7 | 906.4 | 870.3 | 794.5 | 717.8 |
| 102.5° | 88.7 | 110.3 | 148.3 | 228.8 | 385.6 | 609.4 | 825.0 | 945.9 | 968.3 | 931.8 | 880.0 |
| 105° | 106.1 | 126.8 | 159.2 | 224.8 | 347.9 | 534.3 | 745.8 | 922.7 | 1023.7 | 1056.1 | 1048.0 |
| 107.5° | 125.5 | 144.0 | 175.4 | 231.6 | 332.0 | 482.6 | 665.1 | 839.5 | 974.3 | 1057.5 | 1096.0 |
| 110° | 137.8 | 156.9 | 187.2 | 238.1 | 327.3 | 458.4 | 619.1 | 778.3 | 918.2 | 1022.2 | 1084.8 |



TEST NUMBER: P333534-830

CATALOG NUMBER: S125RDIP-S610D810U830-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 112.5° | 150.8 | 169.4 | 198.4 | 246.3 | 327.3 | 444.2 | 584.8 | 729.9 | 862.8 | 967.9 | 1041.8 |
| 115° | 170.2 | 188.7 | 215.9 | 258.6 | 329.4 | 429.0 | 547.5 | 669.2 | 783.4 | 884.4 | 964.7 |
| 117.5° | 190.3 | 208.1 | 233.9 | 272.9 | 334.3 | 421.4 | 525.3 | 630.0 | 728.4 | 815.4 | 889.1 |
| 120° | 202.6 | 221.1 | 246.9 | 282.3 | 339.0 | 417.8 | 512.9 | 608.7 | 697.2 | 778.3 | 843.1 |
| 122.5° | 215.1 | 233.5 | 259.3 | 292.8 | 343.1 | 414.9 | 502.3 | 592.9 | 674.8 | 747.0 | 807.8 |
| 125° | 232.1 | 251.3 | 275.6 | 307.3 | 350.1 | 411.2 | 487.9 | 569.7 | 644.9 | 709.0 | 762.0 |
| 127.5° | 248.8 | 268.0 | 291.4 | 320.6 | 357.9 | 409.4 | 474.6 | 546.1 | 616.2 | 676.1 | 725.8 |
| 130° | 259.4 | 278.6 | 301.4 | 329.4 | 362.6 | 408.3 | 465.8 | 531.3 | 596.3 | 653.7 | 701.6 |
| 132.5° | 268.8 | 288.0 | 310.9 | 337.1 | 367.9 | 408.3 | 458.7 | 516.6 | 577.3 | 629.5 | 675.6 |
| 135° | 280.8 | 300.7 | 323.6 | 347.9 | 375.1 | 408.3 | 450.3 | 497.5 | 548.3 | 595.5 | 637.4 |
| 137.5° | 291.2 | 311.7 | 332.5 | 355.8 | 381.7 | 409.2 | 442.8 | 481.3 | 522.4 | 561.6 | 597.2 |
| 140° | 297.7 | 317.6 | 339.0 | 361.1 | 384.7 | 409.7 | 439.2 | 472.4 | 507.0 | 540.9 | 571.8 |
| 142.5° | 304.3 | 322.9 | 343.1 | 364.1 | 386.4 | 410.4 | 436.3 | 464.8 | 494.1 | 523.2 | 550.1 |
| 145° | 314.0 | 330.9 | 350.1 | 368.4 | 388.4 | 409.7 | 431.9 | 454.7 | 477.6 | 500.4 | 520.3 |
| 147.5° | 322.8 | 337.7 | 354.5 | 371.2 | 389.1 | 407.8 | 427.3 | 445.3 | 463.8 | 481.4 | 496.4 |
| 150° | 328.7 | 341.2 | 357.4 | 372.9 | 389.1 | 406.0 | 423.8 | 440.0 | 456.2 | 470.1 | 483.4 |
| 152.5° | 334.0 | 345.3 | 360.3 | 374.1 | 388.5 | 403.7 | 419.6 | 434.0 | 448.6 | 461.4 | 471.6 |
| 155° | 340.4 | 350.8 | 363.4 | 375.1 | 386.9 | 399.4 | 412.7 | 425.3 | 437.1 | 447.3 | 455.4 |
| 157.5° | 347.2 | 355.1 | 365.8 | 375.9 | 385.0 | 395.0 | 406.2 | 416.4 | 426.1 | 434.0 | 440.5 |
| 160° | 350.8 | 357.4 | 367.0 | 375.9 | 383.2 | 392.1 | 401.0 | 410.5 | 417.8 | 425.3 | 430.4 |
| 162.5° | 354.3 | 359.8 | 368.2 | 375.2 | 381.4 | 388.5 | 396.2 | 404.0 | 410.8 | 417.0 | 421.5 |
| 165° | 358.2 | 362.6 | 368.4 | 374.4 | 378.8 | 383.2 | 389.1 | 395.0 | 400.2 | 404.6 | 408.3 |
| 167.5° | 360.8 | 363.6 | 368.4 | 372.6 | 374.7 | 378.1 | 382.2 | 386.4 | 389.8 | 393.2 | 395.9 |
| 170° | 362.6 | 364.8 | 368.4 | 371.5 | 372.9 | 375.1 | 378.1 | 381.7 | 384.0 | 386.2 | 387.7 |
| 172.5° | 363.7 | 364.8 | 367.9 | 370.2 | 370.5 | 371.6 | 373.9 | 376.5 | 378.6 | 380.3 | 381.2 |
| 175° | 364.8 | 364.8 | 367.0 | 368.4 | 367.8 | 367.8 | 368.4 | 370.7 | 370.7 | 372.2 | 372.2 |
| 177.5° | 365.0 | 365.0 | 366.1 | 366.7 | 365.5 | 365.5 | 366.1 | 366.7 | 367.3 | 367.3 | 367.3 |
| 180° | 365.5 | 365.5 | 365.5 | 365.5 | 365.5 | 365.5 | 365.5 | 365.5 | 365.5 | 365.5 | 365.5 |



TEST NUMBER: P333534-830

CATALOG NUMBER: S125RDIP-S610D810U830-4F0-1E-UDD-A4

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° | 9.8 | 9.5 | 9.7 | 9.7 | 9.7 | 9.5 | 9.8 | 9.5 | 9.5 | 9.4 | 9.2 |
| 90° | 16.2 | 16.2 | 17.0 | 17.0 | 17.0 | 16.2 | 16.2 | 16.2 | 14.7 | 14.0 | 13.3 |
| 92.5° | 51.0 | 49.2 | 48.2 | 47.0 | 48.2 | 49.2 | 51.0 | 60.4 | 71.4 | 94.8 | 130.6 |
| 95° | 213.0 | 190.9 | 185.0 | 173.1 | 185.0 | 190.9 | 213.0 | 265.3 | 327.3 | 417.8 | 529.9 |
| 97.5° | 490.7 | 449.4 | 428.0 | 418.6 | 428.0 | 449.4 | 490.7 | 536.2 | 622.3 | 710.6 | 789.2 |
| 100° | 666.9 | 613.9 | 586.6 | 574.9 | 586.6 | 613.9 | 666.9 | 717.8 | 794.5 | 870.3 | 906.4 |
| 102.5° | 825.6 | 787.8 | 758.2 | 749.3 | 758.2 | 787.8 | 825.6 | 880.0 | 931.8 | 968.3 | 945.9 |
| 105° | 1024.4 | 1000.0 | 985.3 | 976.5 | 985.3 | 1000.0 | 1024.4 | 1048.0 | 1056.1 | 1023.7 | 922.7 |
| 107.5° | 1108.0 | 1107.8 | 1103.0 | 1097.0 | 1103.0 | 1107.8 | 1108.0 | 1096.0 | 1057.5 | 974.3 | 839.5 |
| 110° | 1117.9 | 1132.0 | 1137.2 | 1137.2 | 1137.2 | 1132.0 | 1117.9 | 1084.8 | 1022.2 | 918.2 | 778.3 |



TEST NUMBER: P333534-830

CATALOG NUMBER: S125RDIP-S610D810U830-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|
| 112.5° | 1090.2 | 1114.3 | 1127.1 | 1132.5 | 1127.1 | 1114.3 | 1090.2 | 1041.8 | 967.9 | 862.8 | 729.9 |
| 115° | 1022.2 | 1057.5 | 1078.2 | 1087.8 | 1078.2 | 1057.5 | 1022.2 | 964.7 | 884.4 | 783.4 | 669.2 |
| 117.5° | 946.6 | 983.1 | 1003.6 | 1009.5 | 1003.6 | 983.1 | 946.6 | 889.1 | 815.4 | 728.4 | 630.0 |
| 120° | 897.6 | 933.0 | 952.9 | 958.8 | 952.9 | 933.0 | 897.6 | 843.1 | 778.3 | 697.2 | 608.7 |
| 122.5° | 856.4 | 888.8 | 908.7 | 914.0 | 908.7 | 888.8 | 856.4 | 807.8 | 747.0 | 674.8 | 592.9 |
| 125° | 803.3 | 833.5 | 849.7 | 857.1 | 849.7 | 833.5 | 803.3 | 762.0 | 709.0 | 644.9 | 569.7 |
| 127.5° | 763.2 | 789.9 | 805.2 | 808.4 | 805.2 | 789.9 | 763.2 | 725.8 | 676.1 | 616.2 | 546.1 |
| 130° | 738.5 | 762.8 | 777.5 | 781.9 | 777.5 | 762.8 | 738.5 | 701.6 | 653.7 | 596.3 | 531.3 |
| 132.5° | 712.5 | 736.8 | 750.4 | 755.4 | 750.4 | 736.8 | 712.5 | 675.6 | 629.5 | 577.3 | 516.6 |
| 135° | 669.9 | 694.2 | 707.5 | 711.9 | 707.5 | 694.2 | 669.9 | 637.4 | 595.5 | 548.3 | 497.5 |
| 137.5° | 626.3 | 648.4 | 660.6 | 665.5 | 660.6 | 648.4 | 626.3 | 597.2 | 561.6 | 522.4 | 481.3 |
| 140° | 599.2 | 618.3 | 629.3 | 633.0 | 629.3 | 618.3 | 599.2 | 571.8 | 540.9 | 507.0 | 472.4 |
| 142.5° | 573.3 | 589.5 | 599.9 | 602.9 | 599.9 | 589.5 | 573.3 | 550.1 | 523.2 | 494.1 | 464.8 |
| 145° | 538.0 | 550.5 | 558.6 | 561.6 | 558.6 | 550.5 | 538.0 | 520.3 | 500.4 | 477.6 | 454.7 |
| 147.5° | 510.4 | 520.5 | 525.2 | 526.5 | 525.2 | 520.5 | 510.4 | 496.4 | 481.4 | 463.8 | 445.3 |
| 150° | 494.6 | 503.3 | 506.3 | 507.0 | 506.3 | 503.3 | 494.6 | 483.4 | 470.1 | 456.2 | 440.0 |
| 152.5° | 481.0 | 488.0 | 491.0 | 491.7 | 491.0 | 488.0 | 481.0 | 471.6 | 461.4 | 448.6 | 434.0 |
| 155° | 462.8 | 468.0 | 470.1 | 470.9 | 470.1 | 468.0 | 462.8 | 455.4 | 447.3 | 437.1 | 425.3 |
| 157.5° | 446.2 | 450.4 | 452.5 | 452.3 | 452.5 | 450.4 | 446.2 | 440.5 | 434.0 | 426.1 | 416.4 |
| 160° | 435.5 | 439.2 | 440.7 | 440.0 | 440.7 | 439.2 | 435.5 | 430.4 | 425.3 | 417.8 | 410.5 |
| 162.5° | 425.6 | 428.6 | 429.0 | 428.8 | 429.0 | 428.6 | 425.6 | 421.5 | 417.0 | 410.8 | 404.0 |
| 165° | 411.2 | 412.7 | 412.7 | 412.7 | 412.7 | 412.7 | 411.2 | 408.3 | 404.6 | 400.2 | 395.0 |
| 167.5° | 397.4 | 398.7 | 398.1 | 397.9 | 398.1 | 398.7 | 397.4 | 395.9 | 393.2 | 389.8 | 386.4 |
| 170° | 389.1 | 389.8 | 389.8 | 389.1 | 389.8 | 389.8 | 389.1 | 387.7 | 386.2 | 384.0 | 381.7 |
| 172.5° | 381.4 | 382.8 | 381.6 | 380.9 | 381.6 | 382.8 | 381.4 | 381.2 | 380.3 | 378.6 | 376.5 |
| 175° | 372.2 | 372.9 | 371.5 | 370.7 | 371.5 | 372.9 | 372.2 | 372.2 | 372.2 | 370.7 | 370.7 |
| 177.5° | 366.7 | 367.3 | 365.5 | 365.5 | 365.5 | 367.3 | 366.7 | 367.3 | 367.3 | 367.3 | 366.7 |
| 180° | 365.5 | 365.5 | 365.5 | 365.5 | 365.5 | 365.5 | 365.5 | 365.5 | 365.5 | 365.5 | 365.5 |



TEST NUMBER: P333534-830

CATALOG NUMBER: S125RDIP-S610D810U830-4F0-1E-UDD-A4

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° | 9.4 | 9.2 | 8.7 | 9.3 | 8.5 | 8.7 | 8.3 | 8.3 | 8.6 | 8.9 | 9.3 |
| 90° | 12.5 | 11.8 | 10.3 | 9.6 | 8.1 | 7.4 | 5.9 | 4.4 | 2.9 | 1.5 | 0.8 |
| 92.5° | 192.4 | 237.6 | 241.4 | 168.1 | 100.7 | 60.4 | 38.9 | 26.2 | 17.1 | 10.9 | 9.0 |
| 95° | 638.9 | 653.0 | 532.8 | 329.4 | 167.3 | 88.4 | 55.2 | 39.0 | 30.9 | 25.1 | 24.3 |
| 97.5° | 808.4 | 697.3 | 475.8 | 263.0 | 144.1 | 92.0 | 68.1 | 53.5 | 45.4 | 41.3 | 40.3 |
| 100° | 849.7 | 665.5 | 424.5 | 238.7 | 143.0 | 100.2 | 78.1 | 64.1 | 56.0 | 53.1 | 51.6 |
| 102.5° | 825.0 | 609.4 | 385.6 | 228.8 | 148.3 | 110.3 | 88.7 | 75.9 | 67.2 | 64.8 | 64.0 |
| 105° | 745.8 | 534.3 | 347.9 | 224.8 | 159.2 | 126.8 | 106.1 | 94.3 | 87.0 | 83.3 | 83.3 |
| 107.5° | 665.1 | 482.6 | 332.0 | 231.6 | 175.4 | 144.0 | 125.5 | 113.2 | 107.2 | 103.6 | 102.2 |
| 110° | 619.1 | 458.4 | 327.3 | 238.1 | 187.2 | 156.9 | 137.8 | 126.8 | 120.1 | 117.2 | 115.7 |



TEST NUMBER: P333534-830

CATALOG NUMBER: S125RDIP-S610D810U830-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 584.8 | 444.2 | 327.3 | 246.3 | 198.4 | 169.4 | 150.8 | 139.7 | 133.1 | 130.7 | 129.2 |
| 115° | 547.5 | 429.0 | 329.4 | 258.6 | 215.9 | 188.7 | 170.2 | 159.2 | 152.6 | 150.3 | 148.8 |
| 117.5° | 525.3 | 421.4 | 334.3 | 272.9 | 233.9 | 208.1 | 190.3 | 177.8 | 171.2 | 168.8 | 166.5 |
| 120° | 512.9 | 417.8 | 339.0 | 282.3 | 246.9 | 221.1 | 202.6 | 190.1 | 183.5 | 180.6 | 178.3 |
| 122.5° | 502.3 | 414.9 | 343.1 | 292.8 | 259.3 | 233.5 | 215.1 | 201.3 | 194.7 | 192.4 | 190.8 |
| 125° | 487.9 | 411.2 | 350.1 | 307.3 | 275.6 | 251.3 | 232.1 | 218.1 | 211.5 | 207.8 | 206.3 |
| 127.5° | 474.6 | 409.4 | 357.9 | 320.6 | 291.4 | 268.0 | 248.8 | 233.9 | 225.6 | 220.8 | 218.6 |
| 130° | 465.8 | 408.3 | 362.6 | 329.4 | 301.4 | 278.6 | 259.4 | 243.9 | 234.3 | 228.5 | 226.2 |
| 132.5° | 458.7 | 408.3 | 367.9 | 337.1 | 310.9 | 288.0 | 268.8 | 252.8 | 242.0 | 235.0 | 232.1 |
| 135° | 450.3 | 408.3 | 375.1 | 347.9 | 323.6 | 300.7 | 280.8 | 265.3 | 253.5 | 244.7 | 241.8 |
| 137.5° | 442.8 | 409.2 | 381.7 | 355.8 | 332.5 | 311.7 | 291.2 | 276.1 | 264.3 | 256.0 | 253.8 |
| 140° | 439.2 | 409.7 | 384.7 | 361.1 | 339.0 | 317.6 | 297.7 | 283.7 | 271.9 | 263.1 | 260.9 |
| 142.5° | 436.3 | 410.4 | 386.4 | 364.1 | 343.1 | 322.9 | 304.3 | 290.8 | 279.0 | 270.8 | 269.1 |
| 145° | 431.9 | 409.7 | 388.4 | 368.4 | 350.1 | 330.9 | 314.0 | 300.7 | 290.4 | 283.0 | 281.5 |
| 147.5° | 427.3 | 407.8 | 389.1 | 371.2 | 354.5 | 337.7 | 322.8 | 311.3 | 301.7 | 295.4 | 294.5 |
| 150° | 423.8 | 406.0 | 389.1 | 372.9 | 357.4 | 341.2 | 328.7 | 318.4 | 308.8 | 303.6 | 302.2 |
| 152.5° | 419.6 | 403.7 | 388.5 | 374.1 | 360.3 | 345.3 | 334.0 | 324.2 | 315.8 | 311.3 | 310.4 |
| 155° | 412.7 | 399.4 | 386.9 | 375.1 | 363.4 | 350.8 | 340.4 | 333.1 | 325.7 | 321.3 | 321.3 |
| 157.5° | 406.2 | 395.0 | 385.0 | 375.9 | 365.8 | 355.1 | 347.2 | 340.7 | 334.4 | 330.9 | 331.0 |
| 160° | 401.0 | 392.1 | 383.2 | 375.9 | 367.0 | 357.4 | 350.8 | 344.9 | 339.8 | 336.8 | 337.5 |
| 162.5° | 396.2 | 388.5 | 381.4 | 375.2 | 368.2 | 359.8 | 354.3 | 349.6 | 345.1 | 342.1 | 342.8 |
| 165° | 389.1 | 383.2 | 378.8 | 374.4 | 368.4 | 362.6 | 358.2 | 355.2 | 351.6 | 349.3 | 350.8 |
| 167.5° | 382.2 | 378.1 | 374.7 | 372.6 | 368.4 | 363.6 | 360.8 | 358.7 | 356.7 | 355.3 | 356.1 |
| 170° | 378.1 | 375.1 | 372.9 | 371.5 | 368.4 | 364.8 | 362.6 | 361.1 | 359.7 | 358.9 | 359.7 |
| 172.5° | 373.9 | 371.6 | 370.5 | 370.2 | 367.9 | 364.8 | 363.7 | 362.9 | 361.4 | 360.7 | 362.0 |
| 175° | 368.4 | 367.8 | 367.8 | 368.4 | 367.0 | 364.8 | 364.8 | 364.8 | 364.1 | 363.4 | 364.8 |
| 177.5° | 366.1 | 365.5 | 365.5 | 366.7 | 366.1 | 365.0 | 365.0 | 365.5 | 365.0 | 365.0 | 366.1 |
| 180° | 365.5 | 365.5 | 365.5 | 365.5 | 365.5 | 365.5 | 365.5 | 365.5 | 365.5 | 365.5 | 365.5 |



TEST NUMBER: P333534-830

CATALOG NUMBER: S125RDIP-S610D810U830-4F0-1E-UDD-A4

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 | 8.6 | 7.4 | 8.0 | 8.4 | 8.2 | 8.5 | 8.4 | 8.4 | 8.5 | 8.7 |
| 90° | 1.5 | 2.9 | 4.4 | 5.9 | 7.4 | 8.1 | 9.6 | 10.3 | 11.8 | 12.5 | 13.3 |
| 92.5° | 10.9 | 17.1 | 26.2 | 38.9 | 60.4 | 100.7 | 168.1 | 241.4 | 237.6 | 192.4 | 130.6 |
| 95° | 25.1 | 30.9 | 39.0 | 55.2 | 88.4 | 167.3 | 329.4 | 532.8 | 653.0 | 638.9 | 529.9 |
| 97.5° | 41.3 | 45.4 | 53.5 | 68.1 | 92.0 | 144.1 | 263.0 | 475.8 | 697.3 | 808.4 | 789.2 |
| 100° | 53.1 | 56.0 | 64.1 | 78.1 | 100.2 | 143.0 | 238.7 | 424.5 | 665.5 | 849.7 | 906.4 |
| 102.5° | 64.8 | 67.2 | 75.9 | 88.7 | 110.3 | 148.3 | 228.8 | 385.6 | 609.4 | 825.0 | 945.9 |
| 105° | 83.3 | 87.0 | 94.3 | 106.1 | 126.8 | 159.2 | 224.8 | 347.9 | 534.3 | 745.8 | 922.7 |
| 107.5° | 103.6 | 107.2 | 113.2 | 125.5 | 144.0 | 175.4 | 231.6 | 332.0 | 482.6 | 665.1 | 839.5 |
| 110° | 117.2 | 120.1 | 126.8 | 137.8 | 156.9 | 187.2 | 238.1 | 327.3 | 458.4 | 619.1 | 778.3 |



TEST NUMBER: P333534-830

CATALOG NUMBER: S125RDIP-S610D810U830-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 130.7 | 133.1 | 139.7 | 150.8 | 169.4 | 198.4 | 246.3 | 327.3 | 444.2 | 584.8 | 729.9 |
| 115° | 150.3 | 152.6 | 159.2 | 170.2 | 188.7 | 215.9 | 258.6 | 329.4 | 429.0 | 547.5 | 669.2 |
| 117.5° | 168.8 | 171.2 | 177.8 | 190.3 | 208.1 | 233.9 | 272.9 | 334.3 | 421.4 | 525.3 | 630.0 |
| 120° | 180.6 | 183.5 | 190.1 | 202.6 | 221.1 | 246.9 | 282.3 | 339.0 | 417.8 | 512.9 | 608.7 |
| 122.5° | 192.4 | 194.7 | 201.3 | 215.1 | 233.5 | 259.3 | 292.8 | 343.1 | 414.9 | 502.3 | 592.9 |
| 125° | 207.8 | 211.5 | 218.1 | 232.1 | 251.3 | 275.6 | 307.3 | 350.1 | 411.2 | 487.9 | 569.7 |
| 127.5° | 220.8 | 225.6 | 233.9 | 248.8 | 268.0 | 291.4 | 320.6 | 357.9 | 409.4 | 474.6 | 546.1 |
| 130° | 228.5 | 234.3 | 243.9 | 259.4 | 278.6 | 301.4 | 329.4 | 362.6 | 408.3 | 465.8 | 531.3 |
| 132.5° | 235.0 | 242.0 | 252.8 | 268.8 | 288.0 | 310.9 | 337.1 | 367.9 | 408.3 | 458.7 | 516.6 |
| 135° | 244.7 | 253.5 | 265.3 | 280.8 | 300.7 | 323.6 | 347.9 | 375.1 | 408.3 | 450.3 | 497.5 |
| 137.5° | 256.0 | 264.3 | 276.1 | 291.2 | 311.7 | 332.5 | 355.8 | 381.7 | 409.2 | 442.8 | 481.3 |
| 140° | 263.1 | 271.9 | 283.7 | 297.7 | 317.6 | 339.0 | 361.1 | 384.7 | 409.7 | 439.2 | 472.4 |
| 142.5° | 270.8 | 279.0 | 290.8 | 304.3 | 322.9 | 343.1 | 364.1 | 386.4 | 410.4 | 436.3 | 464.8 |
| 145° | 283.0 | 290.4 | 300.7 | 314.0 | 330.9 | 350.1 | 368.4 | 388.4 | 409.7 | 431.9 | 454.7 |
| 147.5° | 295.4 | 301.7 | 311.3 | 322.8 | 337.7 | 354.5 | 371.2 | 389.1 | 407.8 | 427.3 | 445.3 |
| 150° | 303.6 | 308.8 | 318.4 | 328.7 | 341.2 | 357.4 | 372.9 | 389.1 | 406.0 | 423.8 | 440.0 |
| 152.5° | 311.3 | 315.8 | 324.2 | 334.0 | 345.3 | 360.3 | 374.1 | 388.5 | 403.7 | 419.6 | 434.0 |
| 155° | 321.3 | 325.7 | 333.1 | 340.4 | 350.8 | 363.4 | 375.1 | 386.9 | 399.4 | 412.7 | 425.3 |
| 157.5° | 330.9 | 334.4 | 340.7 | 347.2 | 355.1 | 365.8 | 375.9 | 385.0 | 395.0 | 406.2 | 416.4 |
| 160° | 336.8 | 339.8 | 344.9 | 350.8 | 357.4 | 367.0 | 375.9 | 383.2 | 392.1 | 401.0 | 410.5 |
| 162.5° | 342.1 | 345.1 | 349.6 | 354.3 | 359.8 | 368.2 | 375.2 | 381.4 | 388.5 | 396.2 | 404.0 |
| 165° | 349.3 | 351.6 | 355.2 | 358.2 | 362.6 | 368.4 | 374.4 | 378.8 | 383.2 | 389.1 | 395.0 |
| 167.5° | 355.3 | 356.7 | 358.7 | 360.8 | 363.6 | 368.4 | 372.6 | 374.7 | 378.1 | 382.2 | 386.4 |
| 170° | 358.9 | 359.7 | 361.1 | 362.6 | 364.8 | 368.4 | 371.5 | 372.9 | 375.1 | 378.1 | 381.7 |
| 172.5° | 360.7 | 361.4 | 362.9 | 363.7 | 364.8 | 367.9 | 370.2 | 370.5 | 371.6 | 373.9 | 376.5 |
| 175° | 363.4 | 364.1 | 364.8 | 364.8 | 364.8 | 367.0 | 368.4 | 367.8 | 367.8 | 368.4 | 370.7 |
| 177.5° | 365.0 | 365.0 | 365.5 | 365.0 | 365.0 | 366.1 | 366.7 | 365.5 | 365.5 | 366.1 | 366.7 |
| 180° | 365.5 | 365.5 | 365.5 | 365.5 | 365.5 | 365.5 | 365.5 | 365.5 | 365.5 | 365.5 | 365.5 |



TEST NUMBER: P333534-830

CATALOG NUMBER: S125RDIP-S610D810U830-4F0-1E-UDD-A4

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° | 9.1 | 9.5 | 9.2 | 9.0 | 9.0 | 9.4 | 9.7 |
| 90° | 14.0 | 14.7 | 16.2 | 16.2 | 16.2 | 17.0 | 17.0 |
| 92.5° | 94.8 | 71.4 | 60.4 | 51.0 | 49.2 | 48.2 | 47.0 |
| 95° | 417.8 | 327.3 | 265.3 | 213.0 | 190.9 | 185.0 | 173.1 |
| 97.5° | 710.6 | 622.3 | 536.2 | 490.7 | 449.4 | 428.0 | 418.6 |
| 100° | 870.3 | 794.5 | 717.8 | 666.9 | 613.9 | 586.6 | 574.9 |
| 102.5° | 968.3 | 931.8 | 880.0 | 825.6 | 787.8 | 758.2 | 749.3 |
| 105° | 1023.7 | 1056.1 | 1048.0 | 1024.4 | 1000.0 | 985.3 | 976.5 |
| 107.5° | 974.3 | 1057.5 | 1096.0 | 1108.0 | 1107.8 | 1103.0 | 1097.0 |
| 110° | 918.2 | 1022.2 | 1084.8 | 1117.9 | 1132.0 | 1137.2 | 1137.2 |



TEST NUMBER: P333534-830

CATALOG NUMBER: S125RDIP-S610D810U830-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|-------|-------|--------|--------|--------|--------|--------|
| 112.5° | 862.8 | 967.9 | 1041.8 | 1090.2 | 1114.3 | 1127.1 | 1132.5 |
| 115° | 783.4 | 884.4 | 964.7 | 1022.2 | 1057.5 | 1078.2 | 1087.8 |
| 117.5° | 728.4 | 815.4 | 889.1 | 946.6 | 983.1 | 1003.6 | 1009.5 |
| 120° | 697.2 | 778.3 | 843.1 | 897.6 | 933.0 | 952.9 | 958.8 |
| 122.5° | 674.8 | 747.0 | 807.8 | 856.4 | 888.8 | 908.7 | 914.0 |
| 125° | 644.9 | 709.0 | 762.0 | 803.3 | 833.5 | 849.7 | 857.1 |
| 127.5° | 616.2 | 676.1 | 725.8 | 763.2 | 789.9 | 805.2 | 808.4 |
| 130° | 596.3 | 653.7 | 701.6 | 738.5 | 762.8 | 777.5 | 781.9 |
| 132.5° | 577.3 | 629.5 | 675.6 | 712.5 | 736.8 | 750.4 | 755.4 |
| 135° | 548.3 | 595.5 | 637.4 | 669.9 | 694.2 | 707.5 | 711.9 |
| 137.5° | 522.4 | 561.6 | 597.2 | 626.3 | 648.4 | 660.6 | 665.5 |
| 140° | 507.0 | 540.9 | 571.8 | 599.2 | 618.3 | 629.3 | 633.0 |
| 142.5° | 494.1 | 523.2 | 550.1 | 573.3 | 589.5 | 599.9 | 602.9 |
| 145° | 477.6 | 500.4 | 520.3 | 538.0 | 550.5 | 558.6 | 561.6 |
| 147.5° | 463.8 | 481.4 | 496.4 | 510.4 | 520.5 | 525.2 | 526.5 |
| 150° | 456.2 | 470.1 | 483.4 | 494.6 | 503.3 | 506.3 | 507.0 |
| 152.5° | 448.6 | 461.4 | 471.6 | 481.0 | 488.0 | 491.0 | 491.7 |
| 155° | 437.1 | 447.3 | 455.4 | 462.8 | 468.0 | 470.1 | 470.9 |
| 157.5° | 426.1 | 434.0 | 440.5 | 446.2 | 450.4 | 452.5 | 452.3 |
| 160° | 417.8 | 425.3 | 430.4 | 435.5 | 439.2 | 440.7 | 440.0 |
| 162.5° | 410.8 | 417.0 | 421.5 | 425.6 | 428.6 | 429.0 | 428.8 |
| 165° | 400.2 | 404.6 | 408.3 | 411.2 | 412.7 | 412.7 | 412.7 |
| 167.5° | 389.8 | 393.2 | 395.9 | 397.4 | 398.7 | 398.1 | 397.9 |
| 170° | 384.0 | 386.2 | 387.7 | 389.1 | 389.8 | 389.8 | 389.1 |
| 172.5° | 378.6 | 380.3 | 381.2 | 381.4 | 382.8 | 381.6 | 380.9 |
| 175° | 370.7 | 372.2 | 372.2 | 372.2 | 372.9 | 371.5 | 370.7 |
| 177.5° | 367.3 | 367.3 | 367.3 | 366.7 | 367.3 | 365.5 | 365.5 |
| 180° | 365.5 | 365.5 | 365.5 | 365.5 | 365.5 | 365.5 | 365.5 |

(END OF REPORT)