

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: P333528-935

Luminaire Tested: **S125RDIP-S610D590U935-4F0-1E-UDD-A4**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P333528-935
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-S610D590U935-4F0-1E-UDD-A4
Description: DEFINE 5 DIRECT-INDIRECT PENDANT LED LUMINAIRE
DOWNLIGHT 610 LUMENS PER FOOT, ASYMMETRIC DIFFUSER, REGRESSED HOUSING
UPLIGHT 590 LUMENS PER FOOT, BATWING OPTIC
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3892.4 lumens
Efficiency: N/A
Efficacy: 118.7 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

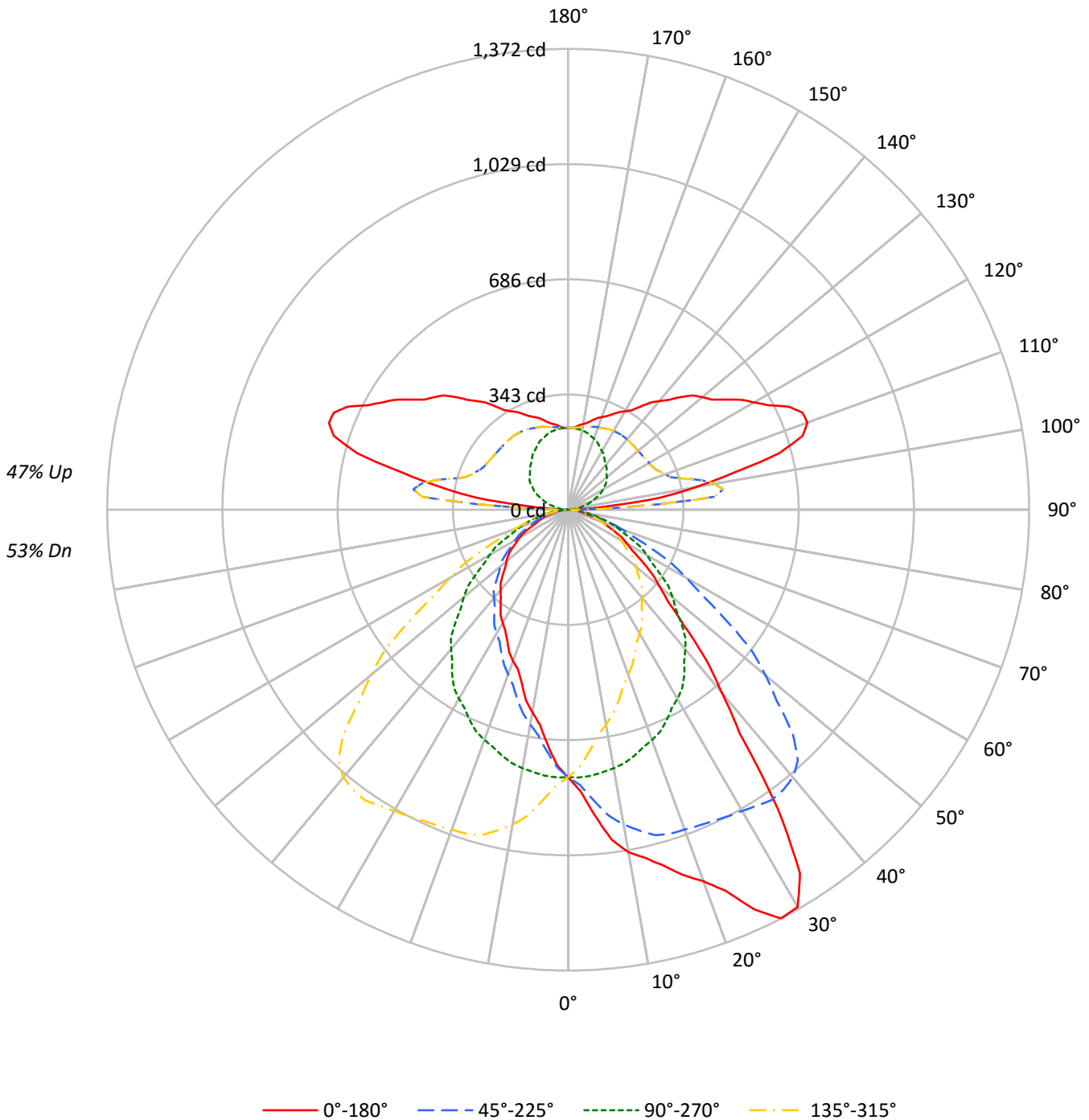
Input Watts (W): 32.8
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P333528-935

CATALOG NUMBER: S125RDIP-S610D590U935-4F0-1E-UDD-A4

Luminous Intensity Polar Plot





TEST NUMBER: P333528-935

CATALOG NUMBER: S125RDIP-S610D590U935-4F0-1E-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 | 108 | 108 | 108 | 108 | 100 | 100 | 100 | 100 | 85 | 85 | 85 | 71 | 71 | 71 | 59 | 59 | 59 | 53 |
| 1 | 99 | 95 | 91 | 88 | 92 | 88 | 85 | 82 | 75 | 73 | 71 | 64 | 62 | 60 | 53 | 52 | 51 | 46 |
| 2 | 90 | 83 | 77 | 72 | 84 | 77 | 72 | 68 | 66 | 63 | 59 | 56 | 54 | 51 | 47 | 45 | 43 | 39 |
| 3 | 83 | 74 | 66 | 61 | 76 | 68 | 62 | 57 | 59 | 54 | 50 | 50 | 47 | 44 | 42 | 39 | 37 | 33 |
| 4 | 76 | 65 | 58 | 52 | 70 | 61 | 54 | 49 | 53 | 47 | 43 | 45 | 41 | 38 | 38 | 35 | 32 | 29 |
| 5 | 70 | 58 | 50 | 44 | 64 | 54 | 47 | 42 | 47 | 42 | 37 | 40 | 36 | 33 | 34 | 31 | 28 | 25 |
| 6 | 64 | 52 | 44 | 39 | 59 | 49 | 42 | 37 | 43 | 37 | 33 | 37 | 32 | 29 | 31 | 28 | 25 | 22 |
| 7 | 60 | 47 | 40 | 34 | 55 | 44 | 37 | 32 | 39 | 33 | 29 | 33 | 29 | 26 | 28 | 25 | 22 | 20 |
| 8 | 55 | 43 | 35 | 30 | 51 | 40 | 33 | 29 | 35 | 30 | 26 | 31 | 26 | 23 | 26 | 23 | 20 | 18 |
| 9 | 51 | 39 | 32 | 27 | 48 | 37 | 30 | 26 | 32 | 27 | 23 | 28 | 24 | 21 | 24 | 21 | 18 | 16 |
| 10 | 48 | 36 | 29 | 24 | 45 | 34 | 27 | 23 | 30 | 25 | 21 | 26 | 22 | 19 | 22 | 19 | 17 | 15 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|-------|------|------|------|
| 0° | 5146 | 5146 | 5146 | 5146 |
| 5° | 5920 | 5153 | 4550 | 5153 |
| 10° | 6791 | 5126 | 4015 | 5126 |
| 15° | 7335 | 5073 | 3569 | 5073 |
| 20° | 8088 | 5013 | 3296 | 5013 |
| 25° | 9360 | 4932 | 3058 | 4932 |
| 30° | 10185 | 4847 | 2902 | 4847 |
| 35° | 8592 | 4747 | 2759 | 4747 |
| 40° | 6000 | 4569 | 2636 | 4569 |
| 45° | 4451 | 4328 | 2515 | 4328 |
| 50° | 3550 | 4078 | 2411 | 4078 |
| 55° | 3012 | 3768 | 2320 | 3768 |
| 60° | 2603 | 3490 | 2173 | 3490 |
| 65° | 2320 | 3189 | 1869 | 3189 |
| 70° | 2039 | 2921 | 1703 | 2921 |
| 75° | 1764 | 2530 | 1599 | 2530 |
| 80° | 1339 | 2131 | 1339 | 2131 |
| 85° | 1119 | 1675 | 1260 | 1675 |



TEST NUMBER: P333528-935

CATALOG NUMBER: S125RDIP-S610D590U935-4F0-1E-UDD-A4

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 76.4 | 2.0 |
| 10°-20° | 223.9 | 5.8 |
| 20°-30° | 355.0 | 9.1 |
| 30°-40° | 428.1 | 11.0 |
| 40°-50° | 382.3 | 9.8 |
| 50°-60° | 293.2 | 7.5 |
| 60°-70° | 190.5 | 4.9 |
| 70°-80° | 92.6 | 2.4 |
| 80°-90° | 23.5 | 0.6 |
| 90°-100° | 176.6 | 4.5 |
| 100°-110° | 379.6 | 9.8 |
| 110°-120° | 356.2 | 9.2 |
| 120°-130° | 288.7 | 7.4 |
| 130°-140° | 231.7 | 6.0 |
| 140°-150° | 174.8 | 4.5 |
| 150°-160° | 123.1 | 3.2 |
| 160°-170° | 72.5 | 1.9 |
| 170°-180° | 23.6 | 0.6 |
| 0°-30° | 655.3 | 16.8 |
| 0°-40° | 1083.4 | 27.8 |
| 0°-60° | 1758.9 | 45.2 |
| 0°-90° | 2065.6 | 53.1 |
| 90°-120° | 912.4 | 23.4 |
| 90°-150° | 1607.6 | 41.3 |
| 90°-180° | 1827.0 | 46.9 |
| 0°-180° | 3892.4 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|------|-----|------|------|------|------|
| 0° | 797 | 797 | 797 | 797 | 797 | |
| 5° | 913 | 795 | 702 | 795 | 913 | 91 |
| 15° | 1097 | 759 | 534 | 759 | 1097 | 314 |
| 25° | 1314 | 692 | 429 | 692 | 1314 | 603 |
| 35° | 1090 | 602 | 350 | 602 | 1090 | 658 |
| 45° | 487 | 474 | 275 | 474 | 487 | 389 |
| 55° | 268 | 335 | 206 | 335 | 268 | 243 |
| 65° | 152 | 209 | 122 | 209 | 152 | 151 |
| 75° | 71 | 101 | 64 | 101 | 71 | 75 |
| 85° | 15 | 23 | 17 | 23 | 15 | 18 |
| 90° | 11 | 0 | 11 | 0 | 11 | 8 |
| 95° | 116 | 16 | 116 | 16 | 116 | 164 |
| 105° | 651 | 56 | 651 | 56 | 651 | 647 |
| 115° | 725 | 99 | 725 | 99 | 725 | 708 |
| 125° | 571 | 138 | 571 | 138 | 571 | 517 |
| 135° | 474 | 161 | 474 | 161 | 474 | 368 |
| 145° | 374 | 188 | 374 | 188 | 374 | 238 |
| 155° | 314 | 214 | 314 | 214 | 314 | 146 |
| 165° | 275 | 234 | 275 | 234 | 275 | 79 |
| 175° | 247 | 243 | 247 | 243 | 247 | 24 |
| 180° | 244 | 244 | 244 | 244 | 244 | |



TEST NUMBER: P333528-935

CATALOG NUMBER: S125RDIP-S610D590U935-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| 0° | 796.8 | 796.8 | 796.8 | 796.8 | 796.8 | 796.8 | 796.8 | 796.8 | 796.8 | 796.8 | 796.8 |
| 2.5° | 838.1 | 837.6 | 838.6 | 835.7 | 836.0 | 831.6 | 831.6 | 828.1 | 823.7 | 820.3 | 818.7 |
| 5° | 913.2 | 913.9 | 912.5 | 907.6 | 904.3 | 899.4 | 893.9 | 884.1 | 875.9 | 868.1 | 861.9 |
| 7.5° | 990.5 | 990.9 | 986.6 | 985.2 | 976.9 | 970.9 | 958.6 | 945.2 | 933.3 | 918.3 | 906.8 |
| 10° | 1035.5 | 1035.2 | 1030.6 | 1027.0 | 1019.8 | 1010.6 | 998.5 | 982.8 | 968.1 | 951.7 | 936.1 |
| 12.5° | 1061.7 | 1060.8 | 1059.4 | 1055.0 | 1048.4 | 1040.2 | 1029.9 | 1014.5 | 996.3 | 978.4 | 960.2 |
| 15° | 1097.0 | 1094.7 | 1090.5 | 1084.9 | 1075.4 | 1065.9 | 1054.5 | 1040.8 | 1023.4 | 1003.2 | 986.1 |
| 17.5° | 1140.7 | 1140.7 | 1134.2 | 1126.5 | 1113.6 | 1096.8 | 1079.2 | 1057.0 | 1033.5 | 1011.2 | 993.1 |
| 20° | 1176.8 | 1175.8 | 1169.2 | 1154.3 | 1139.5 | 1118.6 | 1098.3 | 1071.2 | 1042.4 | 1013.2 | 990.7 |
| 22.5° | 1228.6 | 1226.1 | 1219.3 | 1199.5 | 1176.6 | 1149.7 | 1118.7 | 1085.5 | 1050.8 | 1017.7 | 988.1 |
| 25° | 1313.5 | 1311.6 | 1298.1 | 1275.2 | 1243.2 | 1201.6 | 1161.1 | 1115.6 | 1065.6 | 1022.1 | 986.1 |
| 27.5° | 1371.6 | 1369.4 | 1359.5 | 1340.5 | 1310.9 | 1267.2 | 1212.3 | 1151.6 | 1089.1 | 1029.2 | 977.3 |
| 30° | 1365.8 | 1370.7 | 1369.4 | 1360.6 | 1338.3 | 1299.1 | 1248.4 | 1180.1 | 1105.8 | 1035.5 | 973.7 |
| 32.5° | 1283.7 | 1288.1 | 1299.6 | 1316.9 | 1318.2 | 1302.5 | 1264.6 | 1201.5 | 1124.6 | 1044.7 | 970.8 |
| 35° | 1089.8 | 1095.7 | 1117.9 | 1152.9 | 1198.7 | 1237.0 | 1244.8 | 1210.8 | 1141.8 | 1055.8 | 966.5 |
| 37.5° | 837.8 | 870.0 | 888.7 | 925.6 | 994.7 | 1065.1 | 1132.8 | 1157.8 | 1128.4 | 1051.2 | 959.5 |
| 40° | 711.7 | 719.5 | 752.9 | 794.4 | 852.6 | 925.9 | 1022.4 | 1092.1 | 1094.3 | 1040.8 | 948.5 |
| 42.5° | 609.2 | 619.1 | 642.0 | 675.1 | 725.0 | 798.2 | 897.9 | 989.8 | 1032.3 | 1011.9 | 934.1 |
| 45° | 487.3 | 494.8 | 511.5 | 537.0 | 575.3 | 635.8 | 721.5 | 827.9 | 912.2 | 945.2 | 895.5 |
| 47.5° | 400.4 | 404.4 | 418.9 | 438.3 | 466.7 | 510.7 | 577.0 | 669.3 | 770.6 | 841.5 | 834.6 |
| 50° | 353.3 | 357.8 | 368.9 | 383.7 | 407.5 | 444.8 | 497.8 | 574.6 | 679.0 | 765.7 | 783.0 |
| 52.5° | 316.6 | 320.4 | 327.4 | 341.3 | 360.9 | 389.6 | 432.4 | 502.0 | 595.8 | 687.9 | 728.1 |
| 55° | 267.5 | 270.2 | 275.7 | 283.5 | 299.3 | 319.9 | 356.8 | 404.9 | 480.8 | 573.7 | 632.6 |
| 57.5° | 227.1 | 228.4 | 232.0 | 239.2 | 250.0 | 265.1 | 291.8 | 332.6 | 387.0 | 470.6 | 535.6 |
| 60° | 201.5 | 202.8 | 207.3 | 212.2 | 220.8 | 234.5 | 255.5 | 283.9 | 336.2 | 405.3 | 471.0 |
| 62.5° | 181.1 | 181.8 | 183.8 | 188.7 | 196.1 | 206.8 | 223.3 | 246.5 | 288.1 | 348.7 | 410.8 |
| 65° | 151.8 | 152.1 | 152.7 | 156.7 | 161.3 | 169.1 | 179.9 | 196.2 | 227.6 | 273.5 | 328.4 |
| 67.5° | 123.6 | 124.1 | 126.4 | 127.8 | 132.5 | 136.6 | 143.0 | 155.5 | 177.6 | 208.4 | 251.2 |
| 70° | 108.0 | 107.6 | 109.9 | 111.5 | 113.1 | 118.0 | 122.3 | 132.4 | 146.2 | 169.8 | 205.4 |
| 72.5° | 93.2 | 92.5 | 93.4 | 94.0 | 96.2 | 99.5 | 103.8 | 109.9 | 120.5 | 136.8 | 164.0 |
| 75° | 70.7 | 70.9 | 70.9 | 71.6 | 73.3 | 74.6 | 75.9 | 79.1 | 85.1 | 95.8 | 110.6 |
| 77.5° | 49.6 | 49.1 | 50.5 | 50.6 | 51.6 | 53.0 | 54.2 | 55.4 | 57.9 | 62.3 | 69.9 |
| 80° | 36.0 | 36.0 | 36.3 | 37.3 | 36.9 | 37.6 | 39.3 | 40.6 | 43.5 | 46.1 | 48.7 |
| 82.5° | 27.6 | 27.4 | 27.6 | 27.9 | 27.8 | 28.4 | 29.0 | 29.3 | 30.4 | 31.7 | 33.6 |
| 85° | 15.1 | 15.1 | 15.4 | 15.4 | 15.7 | 15.7 | 16.0 | 16.0 | 16.0 | 16.4 | 16.7 |
| 87.5° | 8.0 | 7.7 | 7.4 | 7.4 | 7.7 | 8.0 | 7.7 | 7.2 | 7.1 | 7.1 | 7.1 |
| 90° | 11.3 | 11.3 | 10.8 | 10.8 | 10.8 | 9.8 | 9.3 | 8.9 | 8.4 | 7.8 | 6.9 |
| 92.5° | 31.3 | 32.1 | 32.8 | 34.0 | 40.3 | 47.5 | 63.2 | 87.0 | 128.2 | 158.3 | 160.9 |
| 95° | 115.5 | 123.3 | 127.2 | 142.0 | 176.8 | 218.1 | 278.4 | 353.1 | 425.9 | 435.1 | 355.1 |
| 97.5° | 279.0 | 285.2 | 299.5 | 327.0 | 357.3 | 414.7 | 473.6 | 525.9 | 538.8 | 464.7 | 317.1 |
| 100° | 383.1 | 391.0 | 409.1 | 444.4 | 478.4 | 529.4 | 580.1 | 604.1 | 566.3 | 443.5 | 282.9 |
| 102.5° | 499.4 | 505.3 | 525.0 | 550.2 | 586.4 | 621.0 | 645.2 | 630.4 | 549.7 | 406.1 | 256.9 |
| 105° | 650.7 | 656.7 | 666.5 | 682.7 | 698.4 | 703.8 | 682.2 | 614.9 | 497.1 | 356.1 | 231.8 |
| 107.5° | 731.1 | 735.0 | 738.3 | 738.4 | 730.4 | 704.8 | 649.3 | 559.5 | 443.2 | 321.6 | 221.2 |
| 110° | 757.9 | 757.9 | 754.4 | 745.0 | 723.0 | 681.2 | 612.0 | 518.7 | 412.6 | 305.5 | 218.1 |



TEST NUMBER: P333528-935

CATALOG NUMBER: S125RDIP-S610D590U935-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 754.7 | 751.1 | 742.6 | 726.6 | 694.3 | 645.1 | 575.1 | 486.5 | 389.8 | 296.1 | 218.1 |
| 115° | 725.0 | 718.5 | 704.8 | 681.2 | 642.9 | 589.4 | 522.1 | 445.9 | 364.9 | 285.9 | 219.6 |
| 117.5° | 672.8 | 668.8 | 655.2 | 630.9 | 592.5 | 543.4 | 485.4 | 419.8 | 350.1 | 280.9 | 222.7 |
| 120° | 638.9 | 635.1 | 621.8 | 598.2 | 561.9 | 518.7 | 464.6 | 405.7 | 341.8 | 278.4 | 225.9 |
| 122.5° | 609.1 | 605.5 | 592.3 | 570.7 | 538.3 | 497.8 | 449.7 | 395.1 | 334.8 | 276.6 | 228.7 |
| 125° | 571.2 | 566.3 | 555.5 | 535.4 | 507.8 | 472.5 | 429.7 | 379.6 | 325.1 | 274.1 | 233.3 |
| 127.5° | 538.8 | 536.6 | 526.4 | 508.6 | 483.7 | 450.6 | 410.7 | 363.9 | 316.3 | 272.9 | 238.5 |
| 130° | 521.1 | 518.1 | 508.3 | 492.1 | 467.5 | 435.7 | 397.4 | 354.1 | 310.4 | 272.1 | 241.7 |
| 132.5° | 503.4 | 500.1 | 491.0 | 474.8 | 450.3 | 419.6 | 384.8 | 344.3 | 305.7 | 272.1 | 245.2 |
| 135° | 474.4 | 471.5 | 462.6 | 446.4 | 424.8 | 396.8 | 365.4 | 331.5 | 300.1 | 272.1 | 249.9 |
| 137.5° | 443.5 | 440.2 | 432.1 | 417.3 | 398.0 | 374.3 | 348.1 | 320.7 | 295.1 | 272.7 | 254.4 |
| 140° | 421.9 | 419.4 | 412.1 | 399.3 | 381.2 | 360.5 | 337.9 | 314.8 | 292.7 | 273.1 | 256.4 |
| 142.5° | 401.8 | 399.8 | 392.8 | 382.0 | 366.6 | 348.7 | 329.2 | 309.7 | 290.8 | 273.5 | 257.5 |
| 145° | 374.3 | 372.3 | 366.9 | 358.5 | 346.7 | 333.5 | 318.2 | 303.1 | 287.8 | 273.1 | 258.8 |
| 147.5° | 350.9 | 350.0 | 346.8 | 340.2 | 330.8 | 320.8 | 309.1 | 296.8 | 284.7 | 271.8 | 259.3 |
| 150° | 337.9 | 337.4 | 335.4 | 329.6 | 322.2 | 313.3 | 304.0 | 293.2 | 282.4 | 270.6 | 259.3 |
| 152.5° | 327.7 | 327.2 | 325.2 | 320.6 | 314.4 | 307.5 | 298.9 | 289.3 | 279.7 | 269.1 | 258.9 |
| 155° | 313.8 | 313.3 | 311.9 | 308.4 | 303.5 | 298.1 | 291.3 | 283.4 | 275.0 | 266.2 | 257.9 |
| 157.5° | 301.4 | 301.5 | 300.1 | 297.3 | 293.5 | 289.3 | 284.0 | 277.5 | 270.7 | 263.2 | 256.6 |
| 160° | 293.2 | 293.7 | 292.7 | 290.2 | 286.8 | 283.4 | 278.4 | 273.5 | 267.2 | 261.3 | 255.4 |
| 162.5° | 285.8 | 285.9 | 285.7 | 283.6 | 280.9 | 277.8 | 273.8 | 269.2 | 264.1 | 258.9 | 254.3 |
| 165° | 275.0 | 275.0 | 275.0 | 274.1 | 272.1 | 269.7 | 266.7 | 263.2 | 259.3 | 255.4 | 252.4 |
| 167.5° | 265.2 | 265.3 | 265.7 | 264.8 | 263.8 | 262.1 | 259.8 | 257.5 | 254.7 | 251.9 | 249.7 |
| 170° | 259.3 | 259.8 | 259.8 | 259.3 | 258.3 | 257.4 | 255.9 | 254.4 | 251.9 | 249.9 | 248.5 |
| 172.5° | 253.8 | 254.3 | 255.1 | 254.3 | 254.0 | 253.4 | 252.4 | 250.9 | 249.2 | 247.6 | 246.9 |
| 175° | 247.0 | 247.5 | 248.5 | 248.1 | 248.1 | 248.1 | 247.0 | 247.0 | 245.6 | 245.0 | 245.0 |
| 177.5° | 243.6 | 243.6 | 244.8 | 244.4 | 244.8 | 244.8 | 244.8 | 244.4 | 244.0 | 243.6 | 243.6 |
| 180° | 243.6 | 243.6 | 243.6 | 243.6 | 243.6 | 243.6 | 243.6 | 243.6 | 243.6 | 243.6 | 243.6 |



TEST NUMBER: P333528-935

CATALOG NUMBER: S125RDIP-S610D590U935-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 796.8 | 796.8 | 796.8 | 796.8 | 796.8 | 796.8 | 796.8 | 796.8 | 796.8 | 796.8 | 796.8 |
| 2.5° | 818.7 | 816.9 | 813.5 | 810.4 | 806.4 | 803.1 | 800.6 | 797.8 | 794.1 | 789.7 | 786.0 |
| 5° | 855.0 | 847.7 | 838.3 | 830.1 | 819.7 | 811.5 | 803.0 | 794.8 | 786.6 | 776.1 | 767.0 |
| 7.5° | 895.1 | 880.3 | 865.8 | 847.7 | 831.1 | 816.4 | 802.3 | 788.0 | 774.0 | 759.1 | 744.8 |
| 10° | 919.7 | 901.7 | 881.8 | 858.8 | 837.9 | 818.0 | 799.7 | 781.7 | 762.8 | 746.1 | 728.1 |
| 12.5° | 942.7 | 919.5 | 896.7 | 867.8 | 842.7 | 818.3 | 795.0 | 772.6 | 752.3 | 730.6 | 711.3 |
| 15° | 963.5 | 940.6 | 915.2 | 879.9 | 844.8 | 815.4 | 787.9 | 758.8 | 733.7 | 709.4 | 687.9 |
| 17.5° | 971.6 | 947.6 | 917.9 | 884.0 | 845.8 | 808.7 | 773.4 | 741.4 | 711.8 | 683.5 | 659.3 |
| 20° | 968.5 | 945.2 | 914.8 | 882.4 | 841.5 | 803.0 | 764.7 | 729.4 | 696.3 | 666.6 | 640.8 |
| 22.5° | 960.9 | 936.9 | 907.5 | 873.3 | 834.5 | 793.5 | 752.7 | 715.0 | 680.4 | 649.5 | 621.4 |
| 25° | 949.5 | 916.8 | 886.7 | 853.3 | 816.4 | 775.8 | 733.7 | 692.1 | 655.1 | 623.7 | 593.0 |
| 27.5° | 937.6 | 896.8 | 858.6 | 825.4 | 786.4 | 750.2 | 709.5 | 666.9 | 628.0 | 596.1 | 564.6 |
| 30° | 927.0 | 881.1 | 839.0 | 801.3 | 764.4 | 730.0 | 691.4 | 649.9 | 610.0 | 577.0 | 544.9 |
| 32.5° | 913.6 | 864.9 | 818.6 | 775.2 | 739.5 | 705.4 | 670.5 | 630.8 | 591.9 | 557.8 | 525.3 |
| 35° | 896.8 | 834.7 | 784.3 | 738.2 | 698.6 | 665.6 | 634.2 | 602.1 | 563.2 | 527.9 | 496.2 |
| 37.5° | 874.9 | 804.3 | 746.1 | 695.8 | 654.1 | 620.9 | 596.2 | 566.8 | 531.3 | 497.5 | 468.0 |
| 40° | 861.5 | 782.4 | 718.6 | 668.8 | 625.0 | 590.0 | 566.8 | 541.9 | 509.5 | 477.9 | 448.4 |
| 42.5° | 843.7 | 762.2 | 690.9 | 639.0 | 595.0 | 561.3 | 537.8 | 516.1 | 488.9 | 459.0 | 427.5 |
| 45° | 808.8 | 723.2 | 648.2 | 592.6 | 548.2 | 515.1 | 493.2 | 473.9 | 453.3 | 425.9 | 398.4 |
| 47.5° | 763.4 | 682.4 | 604.0 | 543.3 | 499.7 | 469.1 | 447.8 | 432.6 | 417.8 | 394.5 | 367.8 |
| 50° | 727.1 | 648.9 | 572.4 | 513.5 | 467.1 | 437.9 | 418.0 | 405.9 | 392.4 | 371.3 | 349.0 |
| 52.5° | 684.2 | 614.4 | 539.4 | 479.2 | 435.4 | 408.1 | 388.9 | 376.9 | 365.8 | 348.4 | 327.3 |
| 55° | 616.6 | 555.3 | 486.6 | 432.0 | 391.8 | 364.4 | 346.0 | 334.6 | 328.0 | 313.3 | 296.6 |
| 57.5° | 538.5 | 494.6 | 434.1 | 381.4 | 345.9 | 318.7 | 305.3 | 295.6 | 288.2 | 277.8 | 266.0 |
| 60° | 484.1 | 453.3 | 399.0 | 349.0 | 316.2 | 290.4 | 278.4 | 270.2 | 263.3 | 254.4 | 245.3 |
| 62.5° | 428.9 | 406.5 | 359.3 | 316.2 | 286.2 | 264.5 | 253.2 | 245.8 | 237.9 | 232.0 | 223.1 |
| 65° | 354.9 | 334.9 | 302.2 | 268.5 | 240.7 | 223.4 | 215.2 | 208.7 | 203.8 | 197.3 | 191.0 |
| 67.5° | 276.0 | 267.9 | 245.4 | 222.1 | 202.2 | 186.8 | 179.7 | 175.1 | 169.2 | 165.3 | 161.0 |
| 70° | 227.6 | 223.7 | 207.7 | 192.3 | 173.7 | 163.2 | 156.7 | 154.7 | 147.5 | 143.6 | 140.6 |
| 72.5° | 184.8 | 182.9 | 173.7 | 163.0 | 149.9 | 140.7 | 134.7 | 132.4 | 127.9 | 124.8 | 122.9 |
| 75° | 126.6 | 127.3 | 125.6 | 118.7 | 113.8 | 108.0 | 102.7 | 101.4 | 98.2 | 95.5 | 93.8 |
| 77.5° | 80.1 | 83.4 | 83.5 | 83.2 | 81.3 | 77.7 | 75.5 | 74.5 | 71.3 | 70.3 | 69.9 |
| 80° | 54.9 | 58.5 | 61.8 | 61.5 | 60.9 | 59.8 | 58.2 | 57.3 | 55.6 | 54.6 | 54.0 |
| 82.5° | 36.6 | 40.0 | 42.7 | 44.5 | 44.3 | 43.4 | 42.3 | 41.8 | 41.5 | 40.7 | 40.6 |
| 85° | 17.3 | 18.0 | 18.9 | 21.3 | 22.9 | 23.2 | 22.9 | 22.6 | 21.6 | 22.0 | 22.2 |
| 87.5° | 7.3 | 7.1 | 7.2 | 7.1 | 6.6 | 7.7 | 8.3 | 8.4 | 8.0 | 7.7 | 7.4 |
| 90° | 6.4 | 5.4 | 4.9 | 4.0 | 2.9 | 2.0 | 0.9 | 0.5 | 0.9 | 2.0 | 2.9 |
| 92.5° | 112.1 | 67.1 | 40.3 | 25.9 | 17.5 | 11.4 | 7.2 | 6.0 | 7.2 | 11.4 | 17.5 |
| 95° | 219.6 | 111.5 | 59.0 | 36.9 | 26.0 | 20.7 | 16.7 | 16.2 | 16.7 | 20.7 | 26.0 |
| 97.5° | 175.2 | 96.1 | 61.3 | 45.4 | 35.6 | 30.2 | 27.5 | 26.9 | 27.5 | 30.2 | 35.6 |
| 100° | 159.1 | 95.3 | 66.8 | 52.1 | 42.7 | 37.4 | 35.4 | 34.4 | 35.4 | 37.4 | 42.7 |
| 102.5° | 152.5 | 98.8 | 73.4 | 59.2 | 50.6 | 44.8 | 43.2 | 42.6 | 43.2 | 44.8 | 50.6 |
| 105° | 149.8 | 106.1 | 84.5 | 70.7 | 62.9 | 57.9 | 55.5 | 55.5 | 55.5 | 57.9 | 62.9 |
| 107.5° | 154.3 | 116.9 | 96.0 | 83.6 | 75.4 | 71.4 | 69.1 | 68.1 | 69.1 | 71.4 | 75.4 |
| 110° | 158.6 | 124.8 | 104.6 | 91.9 | 84.5 | 80.1 | 78.1 | 77.1 | 78.1 | 80.1 | 84.5 |



TEST NUMBER: P333528-935

CATALOG NUMBER: S125RDIP-S610D590U935-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 164.1 | 132.2 | 112.9 | 100.5 | 93.2 | 88.7 | 87.1 | 86.2 | 87.1 | 88.7 | 93.2 |
| 115° | 172.4 | 143.9 | 125.7 | 113.5 | 106.1 | 101.7 | 100.2 | 99.2 | 100.2 | 101.7 | 106.1 |
| 117.5° | 181.8 | 155.9 | 138.7 | 126.8 | 118.5 | 114.1 | 112.4 | 111.0 | 112.4 | 114.1 | 118.5 |
| 120° | 188.1 | 164.5 | 147.3 | 135.1 | 126.7 | 122.3 | 120.4 | 118.8 | 120.4 | 122.3 | 126.7 |
| 122.5° | 195.2 | 172.8 | 155.6 | 143.4 | 134.1 | 129.8 | 128.2 | 127.1 | 128.2 | 129.8 | 134.1 |
| 125° | 204.8 | 183.7 | 167.5 | 154.7 | 145.3 | 140.9 | 138.5 | 137.5 | 138.5 | 140.9 | 145.3 |
| 127.5° | 213.6 | 194.2 | 178.6 | 165.8 | 155.9 | 150.3 | 147.1 | 145.7 | 147.1 | 150.3 | 155.9 |
| 130° | 219.6 | 200.9 | 185.6 | 172.9 | 162.6 | 156.2 | 152.2 | 150.8 | 152.2 | 156.2 | 162.6 |
| 132.5° | 224.6 | 207.2 | 191.9 | 179.2 | 168.5 | 161.3 | 156.6 | 154.7 | 156.6 | 161.3 | 168.5 |
| 135° | 231.8 | 215.6 | 200.4 | 187.1 | 176.8 | 168.9 | 163.1 | 161.1 | 163.1 | 168.9 | 176.8 |
| 137.5° | 237.1 | 221.6 | 207.8 | 194.1 | 184.0 | 176.2 | 170.7 | 169.2 | 170.7 | 176.2 | 184.0 |
| 140° | 240.6 | 225.9 | 211.7 | 198.5 | 189.1 | 181.2 | 175.3 | 173.8 | 175.3 | 181.2 | 189.1 |
| 142.5° | 242.6 | 228.7 | 215.2 | 202.8 | 193.8 | 186.0 | 180.5 | 179.3 | 180.5 | 186.0 | 193.8 |
| 145° | 245.6 | 233.3 | 220.5 | 209.2 | 200.4 | 193.5 | 188.6 | 187.6 | 188.6 | 193.5 | 200.4 |
| 147.5° | 247.4 | 236.3 | 225.1 | 215.1 | 207.4 | 201.0 | 196.8 | 196.2 | 196.8 | 201.0 | 207.4 |
| 150° | 248.5 | 238.2 | 227.4 | 219.0 | 212.2 | 205.8 | 202.3 | 201.4 | 202.3 | 205.8 | 212.2 |
| 152.5° | 249.3 | 240.1 | 230.1 | 222.6 | 216.1 | 210.5 | 207.4 | 206.9 | 207.4 | 210.5 | 216.1 |
| 155° | 249.9 | 242.1 | 233.8 | 226.9 | 222.0 | 217.1 | 214.1 | 214.1 | 214.1 | 217.1 | 222.0 |
| 157.5° | 250.5 | 243.8 | 236.6 | 231.4 | 227.1 | 222.9 | 220.5 | 220.6 | 220.5 | 222.9 | 227.1 |
| 160° | 250.5 | 244.6 | 238.2 | 233.8 | 229.9 | 226.4 | 224.5 | 225.0 | 224.5 | 226.4 | 229.9 |
| 162.5° | 250.1 | 245.4 | 239.8 | 236.2 | 233.0 | 230.0 | 228.0 | 228.5 | 228.0 | 230.0 | 233.0 |
| 165° | 249.5 | 245.6 | 241.7 | 238.7 | 236.7 | 234.3 | 232.8 | 233.8 | 232.8 | 234.3 | 236.7 |
| 167.5° | 248.3 | 245.6 | 242.3 | 240.5 | 239.1 | 237.7 | 236.9 | 237.3 | 236.9 | 237.7 | 239.1 |
| 170° | 247.5 | 245.6 | 243.1 | 241.7 | 240.6 | 239.7 | 239.2 | 239.7 | 239.2 | 239.7 | 240.6 |
| 172.5° | 246.8 | 245.2 | 243.1 | 242.5 | 241.9 | 240.8 | 240.4 | 241.3 | 240.4 | 240.8 | 241.9 |
| 175° | 245.6 | 244.6 | 243.1 | 243.1 | 243.1 | 242.6 | 242.1 | 243.1 | 242.1 | 242.6 | 243.1 |
| 177.5° | 244.4 | 244.0 | 243.2 | 243.2 | 243.6 | 243.2 | 243.2 | 244.0 | 243.2 | 243.2 | 243.6 |
| 180° | 243.6 | 243.6 | 243.6 | 243.6 | 243.6 | 243.6 | 243.6 | 243.6 | 243.6 | 243.6 | 243.6 |



TEST NUMBER: P333528-935

CATALOG NUMBER: S125RDIP-S610D590U935-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 796.8 | 796.8 | 796.8 | 796.8 | 796.8 | 796.8 | 796.8 | 796.8 | 796.8 | 796.8 | 796.8 |
| 2.5° | 783.4 | 779.7 | 777.1 | 771.9 | 768.2 | 766.6 | 763.8 | 763.0 | 765.9 | 763.8 | 763.5 |
| 5° | 760.1 | 750.6 | 743.1 | 735.6 | 727.4 | 722.2 | 714.3 | 713.0 | 711.0 | 708.1 | 707.5 |
| 7.5° | 732.2 | 719.8 | 710.2 | 697.7 | 686.9 | 678.2 | 668.4 | 663.7 | 661.2 | 657.4 | 652.3 |
| 10° | 713.3 | 698.6 | 685.5 | 673.1 | 659.7 | 648.9 | 639.1 | 631.5 | 626.6 | 622.1 | 620.1 |
| 12.5° | 694.7 | 679.8 | 663.1 | 648.0 | 633.0 | 620.9 | 610.0 | 605.1 | 599.7 | 594.3 | 589.8 |
| 15° | 665.9 | 645.9 | 627.7 | 610.3 | 597.5 | 584.4 | 574.0 | 566.8 | 558.6 | 556.4 | 547.5 |
| 17.5° | 635.3 | 615.7 | 594.3 | 576.0 | 561.3 | 546.8 | 535.4 | 527.2 | 521.0 | 512.6 | 508.5 |
| 20° | 616.2 | 593.0 | 572.0 | 555.3 | 539.0 | 522.0 | 510.2 | 503.3 | 497.5 | 490.6 | 487.3 |
| 22.5° | 595.8 | 573.1 | 551.6 | 532.1 | 515.5 | 498.7 | 490.3 | 483.2 | 476.6 | 470.2 | 465.9 |
| 25° | 565.8 | 542.9 | 520.4 | 500.1 | 482.8 | 470.6 | 460.8 | 452.6 | 449.1 | 442.8 | 438.2 |
| 27.5° | 536.2 | 511.9 | 488.4 | 468.2 | 454.6 | 442.6 | 434.6 | 428.2 | 421.6 | 416.2 | 412.2 |
| 30° | 517.1 | 492.2 | 466.7 | 450.7 | 436.3 | 424.9 | 416.0 | 409.8 | 404.9 | 400.0 | 397.1 |
| 32.5° | 498.0 | 472.3 | 449.7 | 432.4 | 418.8 | 408.9 | 399.8 | 393.8 | 388.7 | 383.2 | 379.8 |
| 35° | 467.4 | 441.2 | 422.9 | 405.9 | 392.4 | 383.3 | 377.1 | 368.6 | 364.4 | 360.4 | 356.8 |
| 37.5° | 438.9 | 414.6 | 394.8 | 379.9 | 368.2 | 359.1 | 351.1 | 346.5 | 341.3 | 337.8 | 334.8 |
| 40° | 418.0 | 395.7 | 377.8 | 362.1 | 353.5 | 343.5 | 335.9 | 330.0 | 326.1 | 321.5 | 318.2 |
| 42.5° | 399.2 | 378.5 | 361.0 | 346.9 | 336.3 | 327.7 | 320.5 | 314.6 | 309.6 | 306.3 | 303.6 |
| 45° | 372.6 | 351.9 | 334.9 | 321.8 | 312.0 | 303.8 | 296.4 | 293.3 | 286.8 | 282.9 | 281.6 |
| 47.5° | 345.0 | 326.6 | 310.1 | 298.1 | 288.0 | 280.3 | 273.2 | 267.3 | 263.6 | 259.8 | 257.7 |
| 50° | 326.4 | 308.8 | 293.3 | 281.6 | 271.8 | 263.3 | 256.8 | 252.8 | 247.9 | 244.4 | 241.7 |
| 52.5° | 307.8 | 291.4 | 276.1 | 264.8 | 256.3 | 247.9 | 240.6 | 236.6 | 232.0 | 229.6 | 227.8 |
| 55° | 281.3 | 264.0 | 250.9 | 239.7 | 230.9 | 223.1 | 216.2 | 212.2 | 209.3 | 207.1 | 206.4 |
| 57.5° | 251.2 | 237.5 | 225.3 | 215.2 | 206.1 | 198.7 | 192.7 | 189.0 | 186.4 | 186.1 | 184.1 |
| 60° | 231.5 | 219.1 | 208.0 | 197.3 | 189.3 | 182.5 | 177.3 | 173.1 | 170.4 | 170.0 | 169.4 |
| 62.5° | 212.0 | 200.0 | 189.7 | 180.2 | 173.1 | 166.5 | 161.6 | 156.8 | 155.2 | 153.6 | 152.1 |
| 65° | 182.8 | 172.0 | 163.5 | 156.0 | 148.5 | 142.9 | 138.0 | 135.1 | 131.5 | 129.5 | 126.0 |
| 67.5° | 154.2 | 145.9 | 137.7 | 131.4 | 125.4 | 120.2 | 116.1 | 111.8 | 109.3 | 107.7 | 105.1 |
| 70° | 135.4 | 128.9 | 120.7 | 113.8 | 109.3 | 105.0 | 101.7 | 96.8 | 95.1 | 93.8 | 92.6 |
| 72.5° | 117.6 | 111.8 | 105.0 | 99.4 | 94.9 | 90.8 | 87.0 | 84.8 | 83.2 | 81.8 | 81.0 |
| 75° | 92.6 | 87.0 | 81.1 | 77.1 | 74.0 | 70.7 | 68.7 | 67.1 | 66.4 | 66.0 | 64.7 |
| 77.5° | 67.9 | 65.0 | 60.3 | 57.2 | 55.0 | 53.7 | 51.9 | 51.1 | 51.1 | 49.6 | 49.2 |
| 80° | 52.0 | 50.4 | 46.4 | 45.1 | 43.5 | 42.2 | 41.2 | 39.6 | 38.0 | 37.3 | 36.3 |
| 82.5° | 38.7 | 37.0 | 35.5 | 33.3 | 32.0 | 31.2 | 30.2 | 29.6 | 29.8 | 28.9 | 28.4 |
| 85° | 20.6 | 18.9 | 18.3 | 18.0 | 17.3 | 18.0 | 17.7 | 17.3 | 17.0 | 16.7 | 17.0 |
| 87.5° | 7.3 | 7.5 | 7.3 | 8.1 | 7.4 | 7.8 | 7.9 | 7.7 | 7.9 | 8.0 | 7.9 |
| 90° | 4.0 | 4.9 | 5.4 | 6.4 | 6.9 | 7.8 | 8.4 | 8.9 | 9.3 | 9.8 | 10.8 |
| 92.5° | 25.9 | 40.3 | 67.1 | 112.1 | 160.9 | 158.3 | 128.2 | 87.0 | 63.2 | 47.5 | 40.3 |
| 95° | 36.9 | 59.0 | 111.5 | 219.6 | 355.1 | 435.1 | 425.9 | 353.1 | 278.4 | 218.1 | 176.8 |
| 97.5° | 45.4 | 61.3 | 96.1 | 175.2 | 317.1 | 464.7 | 538.8 | 525.9 | 473.6 | 414.7 | 357.3 |
| 100° | 52.1 | 66.8 | 95.3 | 159.1 | 282.9 | 443.5 | 566.3 | 604.1 | 580.1 | 529.4 | 478.4 |
| 102.5° | 59.2 | 73.4 | 98.8 | 152.5 | 256.9 | 406.1 | 549.7 | 630.4 | 645.2 | 621.0 | 586.4 |
| 105° | 70.7 | 84.5 | 106.1 | 149.8 | 231.8 | 356.1 | 497.1 | 614.9 | 682.2 | 703.8 | 698.4 |
| 107.5° | 83.6 | 96.0 | 116.9 | 154.3 | 221.2 | 321.6 | 443.2 | 559.5 | 649.3 | 704.8 | 730.4 |
| 110° | 91.9 | 104.6 | 124.8 | 158.6 | 218.1 | 305.5 | 412.6 | 518.7 | 612.0 | 681.2 | 723.0 |



TEST NUMBER: P333528-935

CATALOG NUMBER: S125RDIP-S610D590U935-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 100.5 | 112.9 | 132.2 | 164.1 | 218.1 | 296.1 | 389.8 | 486.5 | 575.1 | 645.1 | 694.3 |
| 115° | 113.5 | 125.7 | 143.9 | 172.4 | 219.6 | 285.9 | 364.9 | 445.9 | 522.1 | 589.4 | 642.9 |
| 117.5° | 126.8 | 138.7 | 155.9 | 181.8 | 222.7 | 280.9 | 350.1 | 419.8 | 485.4 | 543.4 | 592.5 |
| 120° | 135.1 | 147.3 | 164.5 | 188.1 | 225.9 | 278.4 | 341.8 | 405.7 | 464.6 | 518.7 | 561.9 |
| 122.5° | 143.4 | 155.6 | 172.8 | 195.2 | 228.7 | 276.6 | 334.8 | 395.1 | 449.7 | 497.8 | 538.3 |
| 125° | 154.7 | 167.5 | 183.7 | 204.8 | 233.3 | 274.1 | 325.1 | 379.6 | 429.7 | 472.5 | 507.8 |
| 127.5° | 165.8 | 178.6 | 194.2 | 213.6 | 238.5 | 272.9 | 316.3 | 363.9 | 410.7 | 450.6 | 483.7 |
| 130° | 172.9 | 185.6 | 200.9 | 219.6 | 241.7 | 272.1 | 310.4 | 354.1 | 397.4 | 435.7 | 467.5 |
| 132.5° | 179.2 | 191.9 | 207.2 | 224.6 | 245.2 | 272.1 | 305.7 | 344.3 | 384.8 | 419.6 | 450.3 |
| 135° | 187.1 | 200.4 | 215.6 | 231.8 | 249.9 | 272.1 | 300.1 | 331.5 | 365.4 | 396.8 | 424.8 |
| 137.5° | 194.1 | 207.8 | 221.6 | 237.1 | 254.4 | 272.7 | 295.1 | 320.7 | 348.1 | 374.3 | 398.0 |
| 140° | 198.5 | 211.7 | 225.9 | 240.6 | 256.4 | 273.1 | 292.7 | 314.8 | 337.9 | 360.5 | 381.2 |
| 142.5° | 202.8 | 215.2 | 228.7 | 242.6 | 257.5 | 273.5 | 290.8 | 309.7 | 329.2 | 348.7 | 366.6 |
| 145° | 209.2 | 220.5 | 233.3 | 245.6 | 258.8 | 273.1 | 287.8 | 303.1 | 318.2 | 333.5 | 346.7 |
| 147.5° | 215.1 | 225.1 | 236.3 | 247.4 | 259.3 | 271.8 | 284.7 | 296.8 | 309.1 | 320.8 | 330.8 |
| 150° | 219.0 | 227.4 | 238.2 | 248.5 | 259.3 | 270.6 | 282.4 | 293.2 | 304.0 | 313.3 | 322.2 |
| 152.5° | 222.6 | 230.1 | 240.1 | 249.3 | 258.9 | 269.1 | 279.7 | 289.3 | 298.9 | 307.5 | 314.4 |
| 155° | 226.9 | 233.8 | 242.1 | 249.9 | 257.9 | 266.2 | 275.0 | 283.4 | 291.3 | 298.1 | 303.5 |
| 157.5° | 231.4 | 236.6 | 243.8 | 250.5 | 256.6 | 263.2 | 270.7 | 277.5 | 284.0 | 289.3 | 293.5 |
| 160° | 233.8 | 238.2 | 244.6 | 250.5 | 255.4 | 261.3 | 267.2 | 273.5 | 278.4 | 283.4 | 286.8 |
| 162.5° | 236.2 | 239.8 | 245.4 | 250.1 | 254.3 | 258.9 | 264.1 | 269.2 | 273.8 | 277.8 | 280.9 |
| 165° | 238.7 | 241.7 | 245.6 | 249.5 | 252.4 | 255.4 | 259.3 | 263.2 | 266.7 | 269.7 | 272.1 |
| 167.5° | 240.5 | 242.3 | 245.6 | 248.3 | 249.7 | 251.9 | 254.7 | 257.5 | 259.8 | 262.1 | 263.8 |
| 170° | 241.7 | 243.1 | 245.6 | 247.5 | 248.5 | 249.9 | 251.9 | 254.4 | 255.9 | 257.4 | 258.3 |
| 172.5° | 242.5 | 243.1 | 245.2 | 246.8 | 246.9 | 247.6 | 249.2 | 250.9 | 252.4 | 253.4 | 254.0 |
| 175° | 243.1 | 243.1 | 244.6 | 245.6 | 245.0 | 245.0 | 245.6 | 247.0 | 247.0 | 248.1 | 248.1 |
| 177.5° | 243.2 | 243.2 | 244.0 | 244.4 | 243.6 | 243.6 | 244.0 | 244.4 | 244.8 | 244.8 | 244.8 |
| 180° | 243.6 | 243.6 | 243.6 | 243.6 | 243.6 | 243.6 | 243.6 | 243.6 | 243.6 | 243.6 | 243.6 |



TEST NUMBER: P333528-935

CATALOG NUMBER: S125RDIP-S610D590U935-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 796.8 | 796.8 | 796.8 | 796.8 | 796.8 | 796.8 | 796.8 | 796.8 | 796.8 | 796.8 | 796.8 |
| 2.5° | 763.3 | 760.3 | 759.6 | 760.6 | 759.6 | 760.3 | 763.3 | 763.5 | 763.8 | 765.9 | 763.0 |
| 5° | 704.2 | 700.9 | 702.6 | 701.9 | 702.6 | 700.9 | 704.2 | 707.5 | 708.1 | 711.0 | 713.0 |
| 7.5° | 652.2 | 648.2 | 643.9 | 645.2 | 643.9 | 648.2 | 652.2 | 652.3 | 657.4 | 661.2 | 663.7 |
| 10° | 615.9 | 612.6 | 610.6 | 612.3 | 610.6 | 612.6 | 615.9 | 620.1 | 622.1 | 626.6 | 631.5 |
| 12.5° | 585.2 | 583.3 | 581.6 | 580.9 | 581.6 | 583.3 | 585.2 | 589.8 | 594.3 | 599.7 | 605.1 |
| 15° | 543.5 | 539.7 | 538.0 | 533.8 | 538.0 | 539.7 | 543.5 | 547.5 | 556.4 | 558.6 | 566.8 |
| 17.5° | 505.1 | 503.9 | 499.6 | 497.8 | 499.6 | 503.9 | 505.1 | 508.5 | 512.6 | 521.0 | 527.2 |
| 20° | 482.4 | 481.1 | 476.9 | 479.5 | 476.9 | 481.1 | 482.4 | 487.3 | 490.6 | 497.5 | 503.3 |
| 22.5° | 463.6 | 460.7 | 459.3 | 458.6 | 459.3 | 460.7 | 463.6 | 465.9 | 470.2 | 476.6 | 483.2 |
| 25° | 437.0 | 432.7 | 431.1 | 429.1 | 431.1 | 432.7 | 437.0 | 438.2 | 442.8 | 449.1 | 452.6 |
| 27.5° | 410.4 | 408.1 | 406.0 | 405.4 | 406.0 | 408.1 | 410.4 | 412.2 | 416.2 | 421.6 | 428.2 |
| 30° | 393.1 | 390.8 | 389.2 | 389.2 | 389.2 | 390.8 | 393.1 | 397.1 | 400.0 | 404.9 | 409.8 |
| 32.5° | 377.7 | 375.9 | 374.3 | 374.0 | 374.3 | 375.9 | 377.7 | 379.8 | 383.2 | 388.7 | 393.8 |
| 35° | 355.2 | 352.6 | 351.9 | 350.0 | 351.9 | 352.6 | 355.2 | 356.8 | 360.4 | 364.4 | 368.6 |
| 37.5° | 331.8 | 329.7 | 329.6 | 329.4 | 329.6 | 329.7 | 331.8 | 334.8 | 337.8 | 341.3 | 346.5 |
| 40° | 316.9 | 315.3 | 315.0 | 312.7 | 315.0 | 315.3 | 316.9 | 318.2 | 321.5 | 326.1 | 330.0 |
| 42.5° | 301.0 | 300.1 | 299.0 | 298.0 | 299.0 | 300.1 | 301.0 | 303.6 | 306.3 | 309.6 | 314.6 |
| 45° | 279.3 | 277.1 | 277.1 | 275.4 | 277.1 | 277.1 | 279.3 | 281.6 | 282.9 | 286.8 | 293.3 |
| 47.5° | 256.9 | 255.2 | 255.4 | 253.7 | 255.4 | 255.2 | 256.9 | 257.7 | 259.8 | 263.6 | 267.3 |
| 50° | 242.0 | 241.1 | 240.7 | 240.0 | 240.7 | 241.1 | 242.0 | 241.7 | 244.4 | 247.9 | 252.8 |
| 52.5° | 227.1 | 226.7 | 227.9 | 226.4 | 227.9 | 226.7 | 227.1 | 227.8 | 229.6 | 232.0 | 236.6 |
| 55° | 207.1 | 206.0 | 208.0 | 206.0 | 208.0 | 206.0 | 207.1 | 206.4 | 207.1 | 209.3 | 212.2 |
| 57.5° | 183.9 | 183.0 | 184.8 | 183.8 | 184.8 | 183.0 | 183.9 | 184.1 | 186.1 | 186.4 | 189.0 |
| 60° | 168.8 | 166.8 | 167.8 | 168.2 | 167.8 | 166.8 | 168.8 | 169.4 | 170.0 | 170.4 | 173.1 |
| 62.5° | 150.7 | 149.6 | 150.2 | 148.8 | 150.2 | 149.6 | 150.7 | 152.1 | 153.6 | 155.2 | 156.8 |
| 65° | 125.3 | 124.3 | 123.0 | 122.3 | 123.0 | 124.3 | 125.3 | 126.0 | 129.5 | 131.5 | 135.1 |
| 67.5° | 105.2 | 102.9 | 102.8 | 103.3 | 102.8 | 102.9 | 105.2 | 105.1 | 107.7 | 109.3 | 111.8 |
| 70° | 90.6 | 90.6 | 90.2 | 90.2 | 90.2 | 90.6 | 90.6 | 92.6 | 93.8 | 95.1 | 96.8 |
| 72.5° | 80.4 | 80.2 | 79.6 | 79.3 | 79.6 | 80.2 | 80.4 | 81.0 | 81.8 | 83.2 | 84.8 |
| 75° | 64.7 | 65.1 | 64.4 | 64.1 | 64.4 | 65.1 | 64.7 | 64.7 | 66.0 | 66.4 | 67.1 |
| 77.5° | 47.8 | 46.4 | 47.2 | 46.4 | 47.2 | 46.4 | 47.8 | 49.2 | 49.6 | 51.1 | 51.1 |
| 80° | 36.3 | 36.0 | 36.9 | 36.0 | 36.9 | 36.0 | 36.3 | 36.3 | 37.3 | 38.0 | 39.6 |
| 82.5° | 28.8 | 28.4 | 28.8 | 28.2 | 28.8 | 28.4 | 28.8 | 28.4 | 28.9 | 29.8 | 29.6 |
| 85° | 17.3 | 17.0 | 16.7 | 17.0 | 16.7 | 17.0 | 17.3 | 17.0 | 16.7 | 17.0 | 17.3 |
| 87.5° | 8.2 | 7.9 | 8.0 | 8.0 | 8.0 | 7.9 | 8.2 | 7.9 | 8.0 | 7.9 | 7.7 |
| 90° | 10.8 | 10.8 | 11.3 | 11.3 | 11.3 | 10.8 | 10.8 | 10.8 | 9.8 | 9.3 | 8.9 |
| 92.5° | 34.0 | 32.8 | 32.1 | 31.3 | 32.1 | 32.8 | 34.0 | 40.3 | 47.5 | 63.2 | 87.0 |
| 95° | 142.0 | 127.2 | 123.3 | 115.5 | 123.3 | 127.2 | 142.0 | 176.8 | 218.1 | 278.4 | 353.1 |
| 97.5° | 327.0 | 299.5 | 285.2 | 279.0 | 285.2 | 299.5 | 327.0 | 357.3 | 414.7 | 473.6 | 525.9 |
| 100° | 444.4 | 409.1 | 391.0 | 383.1 | 391.0 | 409.1 | 444.4 | 478.4 | 529.4 | 580.1 | 604.1 |
| 102.5° | 550.2 | 525.0 | 505.3 | 499.4 | 505.3 | 525.0 | 550.2 | 586.4 | 621.0 | 645.2 | 630.4 |
| 105° | 682.7 | 666.5 | 656.7 | 650.7 | 656.7 | 666.5 | 682.7 | 698.4 | 703.8 | 682.2 | 614.9 |
| 107.5° | 738.4 | 738.3 | 735.0 | 731.1 | 735.0 | 738.3 | 738.4 | 730.4 | 704.8 | 649.3 | 559.5 |
| 110° | 745.0 | 754.4 | 757.9 | 757.9 | 757.9 | 754.4 | 745.0 | 723.0 | 681.2 | 612.0 | 518.7 |



TEST NUMBER: P333528-935

CATALOG NUMBER: S125RDIP-S610D590U935-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 726.6 | 742.6 | 751.1 | 754.7 | 751.1 | 742.6 | 726.6 | 694.3 | 645.1 | 575.1 | 486.5 |
| 115° | 681.2 | 704.8 | 718.5 | 725.0 | 718.5 | 704.8 | 681.2 | 642.9 | 589.4 | 522.1 | 445.9 |
| 117.5° | 630.9 | 655.2 | 668.8 | 672.8 | 668.8 | 655.2 | 630.9 | 592.5 | 543.4 | 485.4 | 419.8 |
| 120° | 598.2 | 621.8 | 635.1 | 638.9 | 635.1 | 621.8 | 598.2 | 561.9 | 518.7 | 464.6 | 405.7 |
| 122.5° | 570.7 | 592.3 | 605.5 | 609.1 | 605.5 | 592.3 | 570.7 | 538.3 | 497.8 | 449.7 | 395.1 |
| 125° | 535.4 | 555.5 | 566.3 | 571.2 | 566.3 | 555.5 | 535.4 | 507.8 | 472.5 | 429.7 | 379.6 |
| 127.5° | 508.6 | 526.4 | 536.6 | 538.8 | 536.6 | 526.4 | 508.6 | 483.7 | 450.6 | 410.7 | 363.9 |
| 130° | 492.1 | 508.3 | 518.1 | 521.1 | 518.1 | 508.3 | 492.1 | 467.5 | 435.7 | 397.4 | 354.1 |
| 132.5° | 474.8 | 491.0 | 500.1 | 503.4 | 500.1 | 491.0 | 474.8 | 450.3 | 419.6 | 384.8 | 344.3 |
| 135° | 446.4 | 462.6 | 471.5 | 474.4 | 471.5 | 462.6 | 446.4 | 424.8 | 396.8 | 365.4 | 331.5 |
| 137.5° | 417.3 | 432.1 | 440.2 | 443.5 | 440.2 | 432.1 | 417.3 | 398.0 | 374.3 | 348.1 | 320.7 |
| 140° | 399.3 | 412.1 | 419.4 | 421.9 | 419.4 | 412.1 | 399.3 | 381.2 | 360.5 | 337.9 | 314.8 |
| 142.5° | 382.0 | 392.8 | 399.8 | 401.8 | 399.8 | 392.8 | 382.0 | 366.6 | 348.7 | 329.2 | 309.7 |
| 145° | 358.5 | 366.9 | 372.3 | 374.3 | 372.3 | 366.9 | 358.5 | 346.7 | 333.5 | 318.2 | 303.1 |
| 147.5° | 340.2 | 346.8 | 350.0 | 350.9 | 350.0 | 346.8 | 340.2 | 330.8 | 320.8 | 309.1 | 296.8 |
| 150° | 329.6 | 335.4 | 337.4 | 337.9 | 337.4 | 335.4 | 329.6 | 322.2 | 313.3 | 304.0 | 293.2 |
| 152.5° | 320.6 | 325.2 | 327.2 | 327.7 | 327.2 | 325.2 | 320.6 | 314.4 | 307.5 | 298.9 | 289.3 |
| 155° | 308.4 | 311.9 | 313.3 | 313.8 | 313.3 | 311.9 | 308.4 | 303.5 | 298.1 | 291.3 | 283.4 |
| 157.5° | 297.3 | 300.1 | 301.5 | 301.4 | 301.5 | 300.1 | 297.3 | 293.5 | 289.3 | 284.0 | 277.5 |
| 160° | 290.2 | 292.7 | 293.7 | 293.2 | 293.7 | 292.7 | 290.2 | 286.8 | 283.4 | 278.4 | 273.5 |
| 162.5° | 283.6 | 285.7 | 285.9 | 285.8 | 285.9 | 285.7 | 283.6 | 280.9 | 277.8 | 273.8 | 269.2 |
| 165° | 274.1 | 275.0 | 275.0 | 275.0 | 275.0 | 275.0 | 274.1 | 272.1 | 269.7 | 266.7 | 263.2 |
| 167.5° | 264.8 | 265.7 | 265.3 | 265.2 | 265.3 | 265.7 | 264.8 | 263.8 | 262.1 | 259.8 | 257.5 |
| 170° | 259.3 | 259.8 | 259.8 | 259.3 | 259.8 | 259.8 | 259.3 | 258.3 | 257.4 | 255.9 | 254.4 |
| 172.5° | 254.3 | 255.1 | 254.3 | 253.8 | 254.3 | 255.1 | 254.3 | 254.0 | 253.4 | 252.4 | 250.9 |
| 175° | 248.1 | 248.5 | 247.5 | 247.0 | 247.5 | 248.5 | 248.1 | 248.1 | 248.1 | 247.0 | 247.0 |
| 177.5° | 244.4 | 244.8 | 243.6 | 243.6 | 243.6 | 244.8 | 244.4 | 244.8 | 244.8 | 244.8 | 244.4 |
| 180° | 243.6 | 243.6 | 243.6 | 243.6 | 243.6 | 243.6 | 243.6 | 243.6 | 243.6 | 243.6 | 243.6 |



TEST NUMBER: P333528-935

CATALOG NUMBER: S125RDIP-S610D590U935-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 796.8 | 796.8 | 796.8 | 796.8 | 796.8 | 796.8 | 796.8 | 796.8 | 796.8 | 796.8 | 796.8 |
| 2.5° | 763.8 | 766.6 | 768.2 | 771.9 | 777.1 | 779.7 | 783.4 | 786.0 | 789.7 | 794.1 | 797.8 |
| 5° | 714.3 | 722.2 | 727.4 | 735.6 | 743.1 | 750.6 | 760.1 | 767.0 | 776.1 | 786.6 | 794.8 |
| 7.5° | 668.4 | 678.2 | 686.9 | 697.7 | 710.2 | 719.8 | 732.2 | 744.8 | 759.1 | 774.0 | 788.0 |
| 10° | 639.1 | 648.9 | 659.7 | 673.1 | 685.5 | 698.6 | 713.3 | 728.1 | 746.1 | 762.8 | 781.7 |
| 12.5° | 610.0 | 620.9 | 633.0 | 648.0 | 663.1 | 679.8 | 694.7 | 711.3 | 730.6 | 752.3 | 772.6 |
| 15° | 574.0 | 584.4 | 597.5 | 610.3 | 627.7 | 645.9 | 665.9 | 687.9 | 709.4 | 733.7 | 758.8 |
| 17.5° | 535.4 | 546.8 | 561.3 | 576.0 | 594.3 | 615.7 | 635.3 | 659.3 | 683.5 | 711.8 | 741.4 |
| 20° | 510.2 | 522.0 | 539.0 | 555.3 | 572.0 | 593.0 | 616.2 | 640.8 | 666.6 | 696.3 | 729.4 |
| 22.5° | 490.3 | 498.7 | 515.5 | 532.1 | 551.6 | 573.1 | 595.8 | 621.4 | 649.5 | 680.4 | 715.0 |
| 25° | 460.8 | 470.6 | 482.8 | 500.1 | 520.4 | 542.9 | 565.8 | 593.0 | 623.7 | 655.1 | 692.1 |
| 27.5° | 434.6 | 442.6 | 454.6 | 468.2 | 488.4 | 511.9 | 536.2 | 564.6 | 596.1 | 628.0 | 666.9 |
| 30° | 416.0 | 424.9 | 436.3 | 450.7 | 466.7 | 492.2 | 517.1 | 544.9 | 577.0 | 610.0 | 649.9 |
| 32.5° | 399.8 | 408.9 | 418.8 | 432.4 | 449.7 | 472.3 | 498.0 | 525.3 | 557.8 | 591.9 | 630.8 |
| 35° | 377.1 | 383.3 | 392.4 | 405.9 | 422.9 | 441.2 | 467.4 | 496.2 | 527.9 | 563.2 | 602.1 |
| 37.5° | 351.1 | 359.1 | 368.2 | 379.9 | 394.8 | 414.6 | 438.9 | 468.0 | 497.5 | 531.3 | 566.8 |
| 40° | 335.9 | 343.5 | 353.5 | 362.1 | 377.8 | 395.7 | 418.0 | 448.4 | 477.9 | 509.5 | 541.9 |
| 42.5° | 320.5 | 327.7 | 336.3 | 346.9 | 361.0 | 378.5 | 399.2 | 427.5 | 459.0 | 488.9 | 516.1 |
| 45° | 296.4 | 303.8 | 312.0 | 321.8 | 334.9 | 351.9 | 372.6 | 398.4 | 425.9 | 453.3 | 473.9 |
| 47.5° | 273.2 | 280.3 | 288.0 | 298.1 | 310.1 | 326.6 | 345.0 | 367.8 | 394.5 | 417.8 | 432.6 |
| 50° | 256.8 | 263.3 | 271.8 | 281.6 | 293.3 | 308.8 | 326.4 | 349.0 | 371.3 | 392.4 | 405.9 |
| 52.5° | 240.6 | 247.9 | 256.3 | 264.8 | 276.1 | 291.4 | 307.8 | 327.3 | 348.4 | 365.8 | 376.9 |
| 55° | 216.2 | 223.1 | 230.9 | 239.7 | 250.9 | 264.0 | 281.3 | 296.6 | 313.3 | 328.0 | 334.6 |
| 57.5° | 192.7 | 198.7 | 206.1 | 215.2 | 225.3 | 237.5 | 251.2 | 266.0 | 277.8 | 288.2 | 295.6 |
| 60° | 177.3 | 182.5 | 189.3 | 197.3 | 208.0 | 219.1 | 231.5 | 245.3 | 254.4 | 263.3 | 270.2 |
| 62.5° | 161.6 | 166.5 | 173.1 | 180.2 | 189.7 | 200.0 | 212.0 | 223.1 | 232.0 | 237.9 | 245.8 |
| 65° | 138.0 | 142.9 | 148.5 | 156.0 | 163.5 | 172.0 | 182.8 | 191.0 | 197.3 | 203.8 | 208.7 |
| 67.5° | 116.1 | 120.2 | 125.4 | 131.4 | 137.7 | 145.9 | 154.2 | 161.0 | 165.3 | 169.2 | 175.1 |
| 70° | 101.7 | 105.0 | 109.3 | 113.8 | 120.7 | 128.9 | 135.4 | 140.6 | 143.6 | 147.5 | 154.7 |
| 72.5° | 87.0 | 90.8 | 94.9 | 99.4 | 105.0 | 111.8 | 117.6 | 122.9 | 124.8 | 127.9 | 132.4 |
| 75° | 68.7 | 70.7 | 74.0 | 77.1 | 81.1 | 87.0 | 92.6 | 93.8 | 95.5 | 98.2 | 101.4 |
| 77.5° | 51.9 | 53.7 | 55.0 | 57.2 | 60.3 | 65.0 | 67.9 | 69.9 | 70.3 | 71.3 | 74.5 |
| 80° | 41.2 | 42.2 | 43.5 | 45.1 | 46.4 | 50.4 | 52.0 | 54.0 | 54.6 | 55.6 | 57.3 |
| 82.5° | 30.2 | 31.2 | 32.0 | 33.3 | 35.5 | 37.0 | 38.7 | 40.6 | 40.7 | 41.5 | 41.8 |
| 85° | 17.7 | 18.0 | 17.3 | 18.0 | 18.3 | 18.9 | 20.6 | 22.2 | 22.0 | 21.6 | 22.6 |
| 87.5° | 7.9 | 7.8 | 7.4 | 8.1 | 7.3 | 7.5 | 7.3 | 7.4 | 7.7 | 8.0 | 8.4 |
| 90° | 8.4 | 7.8 | 6.9 | 6.4 | 5.4 | 4.9 | 4.0 | 2.9 | 2.0 | 0.9 | 0.5 |
| 92.5° | 128.2 | 158.3 | 160.9 | 112.1 | 67.1 | 40.3 | 25.9 | 17.5 | 11.4 | 7.2 | 6.0 |
| 95° | 425.9 | 435.1 | 355.1 | 219.6 | 111.5 | 59.0 | 36.9 | 26.0 | 20.7 | 16.7 | 16.2 |
| 97.5° | 538.8 | 464.7 | 317.1 | 175.2 | 96.1 | 61.3 | 45.4 | 35.6 | 30.2 | 27.5 | 26.9 |
| 100° | 566.3 | 443.5 | 282.9 | 159.1 | 95.3 | 66.8 | 52.1 | 42.7 | 37.4 | 35.4 | 34.4 |
| 102.5° | 549.7 | 406.1 | 256.9 | 152.5 | 98.8 | 73.4 | 59.2 | 50.6 | 44.8 | 43.2 | 42.6 |
| 105° | 497.1 | 356.1 | 231.8 | 149.8 | 106.1 | 84.5 | 70.7 | 62.9 | 57.9 | 55.5 | 55.5 |
| 107.5° | 443.2 | 321.6 | 221.2 | 154.3 | 116.9 | 96.0 | 83.6 | 75.4 | 71.4 | 69.1 | 68.1 |
| 110° | 412.6 | 305.5 | 218.1 | 158.6 | 124.8 | 104.6 | 91.9 | 84.5 | 80.1 | 78.1 | 77.1 |



TEST NUMBER: P333528-935

CATALOG NUMBER: S125RDIP-S610D590U935-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 389.8 | 296.1 | 218.1 | 164.1 | 132.2 | 112.9 | 100.5 | 93.2 | 88.7 | 87.1 | 86.2 |
| 115° | 364.9 | 285.9 | 219.6 | 172.4 | 143.9 | 125.7 | 113.5 | 106.1 | 101.7 | 100.2 | 99.2 |
| 117.5° | 350.1 | 280.9 | 222.7 | 181.8 | 155.9 | 138.7 | 126.8 | 118.5 | 114.1 | 112.4 | 111.0 |
| 120° | 341.8 | 278.4 | 225.9 | 188.1 | 164.5 | 147.3 | 135.1 | 126.7 | 122.3 | 120.4 | 118.8 |
| 122.5° | 334.8 | 276.6 | 228.7 | 195.2 | 172.8 | 155.6 | 143.4 | 134.1 | 129.8 | 128.2 | 127.1 |
| 125° | 325.1 | 274.1 | 233.3 | 204.8 | 183.7 | 167.5 | 154.7 | 145.3 | 140.9 | 138.5 | 137.5 |
| 127.5° | 316.3 | 272.9 | 238.5 | 213.6 | 194.2 | 178.6 | 165.8 | 155.9 | 150.3 | 147.1 | 145.7 |
| 130° | 310.4 | 272.1 | 241.7 | 219.6 | 200.9 | 185.6 | 172.9 | 162.6 | 156.2 | 152.2 | 150.8 |
| 132.5° | 305.7 | 272.1 | 245.2 | 224.6 | 207.2 | 191.9 | 179.2 | 168.5 | 161.3 | 156.6 | 154.7 |
| 135° | 300.1 | 272.1 | 249.9 | 231.8 | 215.6 | 200.4 | 187.1 | 176.8 | 168.9 | 163.1 | 161.1 |
| 137.5° | 295.1 | 272.7 | 254.4 | 237.1 | 221.6 | 207.8 | 194.1 | 184.0 | 176.2 | 170.7 | 169.2 |
| 140° | 292.7 | 273.1 | 256.4 | 240.6 | 225.9 | 211.7 | 198.5 | 189.1 | 181.2 | 175.3 | 173.8 |
| 142.5° | 290.8 | 273.5 | 257.5 | 242.6 | 228.7 | 215.2 | 202.8 | 193.8 | 186.0 | 180.5 | 179.3 |
| 145° | 287.8 | 273.1 | 258.8 | 245.6 | 233.3 | 220.5 | 209.2 | 200.4 | 193.5 | 188.6 | 187.6 |
| 147.5° | 284.7 | 271.8 | 259.3 | 247.4 | 236.3 | 225.1 | 215.1 | 207.4 | 201.0 | 196.8 | 196.2 |
| 150° | 282.4 | 270.6 | 259.3 | 248.5 | 238.2 | 227.4 | 219.0 | 212.2 | 205.8 | 202.3 | 201.4 |
| 152.5° | 279.7 | 269.1 | 258.9 | 249.3 | 240.1 | 230.1 | 222.6 | 216.1 | 210.5 | 207.4 | 206.9 |
| 155° | 275.0 | 266.2 | 257.9 | 249.9 | 242.1 | 233.8 | 226.9 | 222.0 | 217.1 | 214.1 | 214.1 |
| 157.5° | 270.7 | 263.2 | 256.6 | 250.5 | 243.8 | 236.6 | 231.4 | 227.1 | 222.9 | 220.5 | 220.6 |
| 160° | 267.2 | 261.3 | 255.4 | 250.5 | 244.6 | 238.2 | 233.8 | 229.9 | 226.4 | 224.5 | 225.0 |
| 162.5° | 264.1 | 258.9 | 254.3 | 250.1 | 245.4 | 239.8 | 236.2 | 233.0 | 230.0 | 228.0 | 228.5 |
| 165° | 259.3 | 255.4 | 252.4 | 249.5 | 245.6 | 241.7 | 238.7 | 236.7 | 234.3 | 232.8 | 233.8 |
| 167.5° | 254.7 | 251.9 | 249.7 | 248.3 | 245.6 | 242.3 | 240.5 | 239.1 | 237.7 | 236.9 | 237.3 |
| 170° | 251.9 | 249.9 | 248.5 | 247.5 | 245.6 | 243.1 | 241.7 | 240.6 | 239.7 | 239.2 | 239.7 |
| 172.5° | 249.2 | 247.6 | 246.9 | 246.8 | 245.2 | 243.1 | 242.5 | 241.9 | 240.8 | 240.4 | 241.3 |
| 175° | 245.6 | 245.0 | 245.0 | 245.6 | 244.6 | 243.1 | 243.1 | 243.1 | 242.6 | 242.1 | 243.1 |
| 177.5° | 244.0 | 243.6 | 243.6 | 244.4 | 244.0 | 243.2 | 243.2 | 243.6 | 243.2 | 243.2 | 244.0 |
| 180° | 243.6 | 243.6 | 243.6 | 243.6 | 243.6 | 243.6 | 243.6 | 243.6 | 243.6 | 243.6 | 243.6 |



TEST NUMBER: P333528-935

CATALOG NUMBER: S125RDIP-S610D590U935-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|
| 0° | 796.8 | 796.8 | 796.8 | 796.8 | 796.8 | 796.8 | 796.8 | 796.8 | 796.8 | 796.8 | 796.8 |
| 2.5° | 800.6 | 803.1 | 806.4 | 810.4 | 813.5 | 816.9 | 818.7 | 818.7 | 820.3 | 823.7 | 828.1 |
| 5° | 803.0 | 811.5 | 819.7 | 830.1 | 838.3 | 847.7 | 855.0 | 861.9 | 868.1 | 875.9 | 884.1 |
| 7.5° | 802.3 | 816.4 | 831.1 | 847.7 | 865.8 | 880.3 | 895.1 | 906.8 | 918.3 | 933.3 | 945.2 |
| 10° | 799.7 | 818.0 | 837.9 | 858.8 | 881.8 | 901.7 | 919.7 | 936.1 | 951.7 | 968.1 | 982.8 |
| 12.5° | 795.0 | 818.3 | 842.7 | 867.8 | 896.7 | 919.5 | 942.7 | 960.2 | 978.4 | 996.3 | 1014.5 |
| 15° | 787.9 | 815.4 | 844.8 | 879.9 | 915.2 | 940.6 | 963.5 | 986.1 | 1003.2 | 1023.4 | 1040.8 |
| 17.5° | 773.4 | 808.7 | 845.8 | 884.0 | 917.9 | 947.6 | 971.6 | 993.1 | 1011.2 | 1033.5 | 1057.0 |
| 20° | 764.7 | 803.0 | 841.5 | 882.4 | 914.8 | 945.2 | 968.5 | 990.7 | 1013.2 | 1042.4 | 1071.2 |
| 22.5° | 752.7 | 793.5 | 834.5 | 873.3 | 907.5 | 936.9 | 960.9 | 988.1 | 1017.7 | 1050.8 | 1085.5 |
| 25° | 733.7 | 775.8 | 816.4 | 853.3 | 886.7 | 916.8 | 949.5 | 986.1 | 1022.1 | 1065.6 | 1115.6 |
| 27.5° | 709.5 | 750.2 | 786.4 | 825.4 | 858.6 | 896.8 | 937.6 | 977.3 | 1029.2 | 1089.1 | 1151.6 |
| 30° | 691.4 | 730.0 | 764.4 | 801.3 | 839.0 | 881.1 | 927.0 | 973.7 | 1035.5 | 1105.8 | 1180.1 |
| 32.5° | 670.5 | 705.4 | 739.5 | 775.2 | 818.6 | 864.9 | 913.6 | 970.8 | 1044.7 | 1124.6 | 1201.5 |
| 35° | 634.2 | 665.6 | 698.6 | 738.2 | 784.3 | 834.7 | 896.8 | 966.5 | 1055.8 | 1141.8 | 1210.8 |
| 37.5° | 596.2 | 620.9 | 654.1 | 695.8 | 746.1 | 804.3 | 874.9 | 959.5 | 1051.2 | 1128.4 | 1157.8 |
| 40° | 566.8 | 590.0 | 625.0 | 668.8 | 718.6 | 782.4 | 861.5 | 948.5 | 1040.8 | 1094.3 | 1092.1 |
| 42.5° | 537.8 | 561.3 | 595.0 | 639.0 | 690.9 | 762.2 | 843.7 | 934.1 | 1011.9 | 1032.3 | 989.8 |
| 45° | 493.2 | 515.1 | 548.2 | 592.6 | 648.2 | 723.2 | 808.8 | 895.5 | 945.2 | 912.2 | 827.9 |
| 47.5° | 447.8 | 469.1 | 499.7 | 543.3 | 604.0 | 682.4 | 763.4 | 834.6 | 841.5 | 770.6 | 669.3 |
| 50° | 418.0 | 437.9 | 467.1 | 513.5 | 572.4 | 648.9 | 727.1 | 783.0 | 765.7 | 679.0 | 574.6 |
| 52.5° | 388.9 | 408.1 | 435.4 | 479.2 | 539.4 | 614.4 | 684.2 | 728.1 | 687.9 | 595.8 | 502.0 |
| 55° | 346.0 | 364.4 | 391.8 | 432.0 | 486.6 | 555.3 | 616.6 | 632.6 | 573.7 | 480.8 | 404.9 |
| 57.5° | 305.3 | 318.7 | 345.9 | 381.4 | 434.1 | 494.6 | 538.5 | 535.6 | 470.6 | 387.0 | 332.6 |
| 60° | 278.4 | 290.4 | 316.2 | 349.0 | 399.0 | 453.3 | 484.1 | 471.0 | 405.3 | 336.2 | 283.9 |
| 62.5° | 253.2 | 264.5 | 286.2 | 316.2 | 359.3 | 406.5 | 428.9 | 410.8 | 348.7 | 288.1 | 246.5 |
| 65° | 215.2 | 223.4 | 240.7 | 268.5 | 302.2 | 334.9 | 354.9 | 328.4 | 273.5 | 227.6 | 196.2 |
| 67.5° | 179.7 | 186.8 | 202.2 | 222.1 | 245.4 | 267.9 | 276.0 | 251.2 | 208.4 | 177.6 | 155.5 |
| 70° | 156.7 | 163.2 | 173.7 | 192.3 | 207.7 | 223.7 | 227.6 | 205.4 | 169.8 | 146.2 | 132.4 |
| 72.5° | 134.7 | 140.7 | 149.9 | 163.0 | 173.7 | 182.9 | 184.8 | 164.0 | 136.8 | 120.5 | 109.9 |
| 75° | 102.7 | 108.0 | 113.8 | 118.7 | 125.6 | 127.3 | 126.6 | 110.6 | 95.8 | 85.1 | 79.1 |
| 77.5° | 75.5 | 77.7 | 81.3 | 83.2 | 83.5 | 83.4 | 80.1 | 69.9 | 62.3 | 57.9 | 55.4 |
| 80° | 58.2 | 59.8 | 60.9 | 61.5 | 61.8 | 58.5 | 54.9 | 48.7 | 46.1 | 43.5 | 40.6 |
| 82.5° | 42.3 | 43.4 | 44.3 | 44.5 | 42.7 | 40.0 | 36.6 | 33.6 | 31.7 | 30.4 | 29.3 |
| 85° | 22.9 | 23.2 | 22.9 | 21.3 | 18.9 | 18.0 | 17.3 | 16.7 | 16.4 | 16.0 | 16.0 |
| 87.5° | 8.3 | 7.7 | 6.6 | 7.1 | 7.2 | 7.1 | 7.3 | 7.1 | 7.1 | 7.1 | 7.2 |
| 90° | 0.9 | 2.0 | 2.9 | 4.0 | 4.9 | 5.4 | 6.4 | 6.9 | 7.8 | 8.4 | 8.9 |
| 92.5° | 7.2 | 11.4 | 17.5 | 25.9 | 40.3 | 67.1 | 112.1 | 160.9 | 158.3 | 128.2 | 87.0 |
| 95° | 16.7 | 20.7 | 26.0 | 36.9 | 59.0 | 111.5 | 219.6 | 355.1 | 435.1 | 425.9 | 353.1 |
| 97.5° | 27.5 | 30.2 | 35.6 | 45.4 | 61.3 | 96.1 | 175.2 | 317.1 | 464.7 | 538.8 | 525.9 |
| 100° | 35.4 | 37.4 | 42.7 | 52.1 | 66.8 | 95.3 | 159.1 | 282.9 | 443.5 | 566.3 | 604.1 |
| 102.5° | 43.2 | 44.8 | 50.6 | 59.2 | 73.4 | 98.8 | 152.5 | 256.9 | 406.1 | 549.7 | 630.4 |
| 105° | 55.5 | 57.9 | 62.9 | 70.7 | 84.5 | 106.1 | 149.8 | 231.8 | 356.1 | 497.1 | 614.9 |
| 107.5° | 69.1 | 71.4 | 75.4 | 83.6 | 96.0 | 116.9 | 154.3 | 221.2 | 321.6 | 443.2 | 559.5 |
| 110° | 78.1 | 80.1 | 84.5 | 91.9 | 104.6 | 124.8 | 158.6 | 218.1 | 305.5 | 412.6 | 518.7 |



TEST NUMBER: P333528-935

CATALOG NUMBER: S125RDIP-S610D590U935-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 87.1 | 88.7 | 93.2 | 100.5 | 112.9 | 132.2 | 164.1 | 218.1 | 296.1 | 389.8 | 486.5 |
| 115° | 100.2 | 101.7 | 106.1 | 113.5 | 125.7 | 143.9 | 172.4 | 219.6 | 285.9 | 364.9 | 445.9 |
| 117.5° | 112.4 | 114.1 | 118.5 | 126.8 | 138.7 | 155.9 | 181.8 | 222.7 | 280.9 | 350.1 | 419.8 |
| 120° | 120.4 | 122.3 | 126.7 | 135.1 | 147.3 | 164.5 | 188.1 | 225.9 | 278.4 | 341.8 | 405.7 |
| 122.5° | 128.2 | 129.8 | 134.1 | 143.4 | 155.6 | 172.8 | 195.2 | 228.7 | 276.6 | 334.8 | 395.1 |
| 125° | 138.5 | 140.9 | 145.3 | 154.7 | 167.5 | 183.7 | 204.8 | 233.3 | 274.1 | 325.1 | 379.6 |
| 127.5° | 147.1 | 150.3 | 155.9 | 165.8 | 178.6 | 194.2 | 213.6 | 238.5 | 272.9 | 316.3 | 363.9 |
| 130° | 152.2 | 156.2 | 162.6 | 172.9 | 185.6 | 200.9 | 219.6 | 241.7 | 272.1 | 310.4 | 354.1 |
| 132.5° | 156.6 | 161.3 | 168.5 | 179.2 | 191.9 | 207.2 | 224.6 | 245.2 | 272.1 | 305.7 | 344.3 |
| 135° | 163.1 | 168.9 | 176.8 | 187.1 | 200.4 | 215.6 | 231.8 | 249.9 | 272.1 | 300.1 | 331.5 |
| 137.5° | 170.7 | 176.2 | 184.0 | 194.1 | 207.8 | 221.6 | 237.1 | 254.4 | 272.7 | 295.1 | 320.7 |
| 140° | 175.3 | 181.2 | 189.1 | 198.5 | 211.7 | 225.9 | 240.6 | 256.4 | 273.1 | 292.7 | 314.8 |
| 142.5° | 180.5 | 186.0 | 193.8 | 202.8 | 215.2 | 228.7 | 242.6 | 257.5 | 273.5 | 290.8 | 309.7 |
| 145° | 188.6 | 193.5 | 200.4 | 209.2 | 220.5 | 233.3 | 245.6 | 258.8 | 273.1 | 287.8 | 303.1 |
| 147.5° | 196.8 | 201.0 | 207.4 | 215.1 | 225.1 | 236.3 | 247.4 | 259.3 | 271.8 | 284.7 | 296.8 |
| 150° | 202.3 | 205.8 | 212.2 | 219.0 | 227.4 | 238.2 | 248.5 | 259.3 | 270.6 | 282.4 | 293.2 |
| 152.5° | 207.4 | 210.5 | 216.1 | 222.6 | 230.1 | 240.1 | 249.3 | 258.9 | 269.1 | 279.7 | 289.3 |
| 155° | 214.1 | 217.1 | 222.0 | 226.9 | 233.8 | 242.1 | 249.9 | 257.9 | 266.2 | 275.0 | 283.4 |
| 157.5° | 220.5 | 222.9 | 227.1 | 231.4 | 236.6 | 243.8 | 250.5 | 256.6 | 263.2 | 270.7 | 277.5 |
| 160° | 224.5 | 226.4 | 229.9 | 233.8 | 238.2 | 244.6 | 250.5 | 255.4 | 261.3 | 267.2 | 273.5 |
| 162.5° | 228.0 | 230.0 | 233.0 | 236.2 | 239.8 | 245.4 | 250.1 | 254.3 | 258.9 | 264.1 | 269.2 |
| 165° | 232.8 | 234.3 | 236.7 | 238.7 | 241.7 | 245.6 | 249.5 | 252.4 | 255.4 | 259.3 | 263.2 |
| 167.5° | 236.9 | 237.7 | 239.1 | 240.5 | 242.3 | 245.6 | 248.3 | 249.7 | 251.9 | 254.7 | 257.5 |
| 170° | 239.2 | 239.7 | 240.6 | 241.7 | 243.1 | 245.6 | 247.5 | 248.5 | 249.9 | 251.9 | 254.4 |
| 172.5° | 240.4 | 240.8 | 241.9 | 242.5 | 243.1 | 245.2 | 246.8 | 246.9 | 247.6 | 249.2 | 250.9 |
| 175° | 242.1 | 242.6 | 243.1 | 243.1 | 243.1 | 244.6 | 245.6 | 245.0 | 245.0 | 245.6 | 247.0 |
| 177.5° | 243.2 | 243.2 | 243.6 | 243.2 | 243.2 | 244.0 | 244.4 | 243.6 | 243.6 | 244.0 | 244.4 |
| 180° | 243.6 | 243.6 | 243.6 | 243.6 | 243.6 | 243.6 | 243.6 | 243.6 | 243.6 | 243.6 | 243.6 |



TEST NUMBER: P333528-935

CATALOG NUMBER: S125RDIP-S610D590U935-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 796.8 | 796.8 | 796.8 | 796.8 | 796.8 | 796.8 | 796.8 |
| 2.5° | 831.6 | 831.6 | 836.0 | 835.7 | 838.6 | 837.6 | 838.1 |
| 5° | 893.9 | 899.4 | 904.3 | 907.6 | 912.5 | 913.9 | 913.2 |
| 7.5° | 958.6 | 970.9 | 976.9 | 985.2 | 986.6 | 990.9 | 990.5 |
| 10° | 998.5 | 1010.6 | 1019.8 | 1027.0 | 1030.6 | 1035.2 | 1035.5 |
| 12.5° | 1029.9 | 1040.2 | 1048.4 | 1055.0 | 1059.4 | 1060.8 | 1061.7 |
| 15° | 1054.5 | 1065.9 | 1075.4 | 1084.9 | 1090.5 | 1094.7 | 1097.0 |
| 17.5° | 1079.2 | 1096.8 | 1113.6 | 1126.5 | 1134.2 | 1140.7 | 1140.7 |
| 20° | 1098.3 | 1118.6 | 1139.5 | 1154.3 | 1169.2 | 1175.8 | 1176.8 |
| 22.5° | 1118.7 | 1149.7 | 1176.6 | 1199.5 | 1219.3 | 1226.1 | 1228.6 |
| 25° | 1161.1 | 1201.6 | 1243.2 | 1275.2 | 1298.1 | 1311.6 | 1313.5 |
| 27.5° | 1212.3 | 1267.2 | 1310.9 | 1340.5 | 1359.5 | 1369.4 | 1371.6 |
| 30° | 1248.4 | 1299.1 | 1338.3 | 1360.6 | 1369.4 | 1370.7 | 1365.8 |
| 32.5° | 1264.6 | 1302.5 | 1318.2 | 1316.9 | 1299.6 | 1288.1 | 1283.7 |
| 35° | 1244.8 | 1237.0 | 1198.7 | 1152.9 | 1117.9 | 1095.7 | 1089.8 |
| 37.5° | 1132.8 | 1065.1 | 994.7 | 925.6 | 888.7 | 870.0 | 837.8 |
| 40° | 1022.4 | 925.9 | 852.6 | 794.4 | 752.9 | 719.5 | 711.7 |
| 42.5° | 897.9 | 798.2 | 725.0 | 675.1 | 642.0 | 619.1 | 609.2 |
| 45° | 721.5 | 635.8 | 575.3 | 537.0 | 511.5 | 494.8 | 487.3 |
| 47.5° | 577.0 | 510.7 | 466.7 | 438.3 | 418.9 | 404.4 | 400.4 |
| 50° | 497.8 | 444.8 | 407.5 | 383.7 | 368.9 | 357.8 | 353.3 |
| 52.5° | 432.4 | 389.6 | 360.9 | 341.3 | 327.4 | 320.4 | 316.6 |
| 55° | 356.8 | 319.9 | 299.3 | 283.5 | 275.7 | 270.2 | 267.5 |
| 57.5° | 291.8 | 265.1 | 250.0 | 239.2 | 232.0 | 228.4 | 227.1 |
| 60° | 255.5 | 234.5 | 220.8 | 212.2 | 207.3 | 202.8 | 201.5 |
| 62.5° | 223.3 | 206.8 | 196.1 | 188.7 | 183.8 | 181.8 | 181.1 |
| 65° | 179.9 | 169.1 | 161.3 | 156.7 | 152.7 | 152.1 | 151.8 |
| 67.5° | 143.0 | 136.6 | 132.5 | 127.8 | 126.4 | 124.1 | 123.6 |
| 70° | 122.3 | 118.0 | 113.1 | 111.5 | 109.9 | 107.6 | 108.0 |
| 72.5° | 103.8 | 99.5 | 96.2 | 94.0 | 93.4 | 92.5 | 93.2 |
| 75° | 75.9 | 74.6 | 73.3 | 71.6 | 70.9 | 70.9 | 70.7 |
| 77.5° | 54.2 | 53.0 | 51.6 | 50.6 | 50.5 | 49.1 | 49.6 |
| 80° | 39.3 | 37.6 | 36.9 | 37.3 | 36.3 | 36.0 | 36.0 |
| 82.5° | 29.0 | 28.4 | 27.8 | 27.9 | 27.6 | 27.4 | 27.6 |
| 85° | 16.0 | 15.7 | 15.7 | 15.4 | 15.4 | 15.1 | 15.1 |
| 87.5° | 7.7 | 8.0 | 7.7 | 7.4 | 7.4 | 7.7 | 8.0 |
| 90° | 9.3 | 9.8 | 10.8 | 10.8 | 10.8 | 11.3 | 11.3 |
| 92.5° | 63.2 | 47.5 | 40.3 | 34.0 | 32.8 | 32.1 | 31.3 |
| 95° | 278.4 | 218.1 | 176.8 | 142.0 | 127.2 | 123.3 | 115.5 |
| 97.5° | 473.6 | 414.7 | 357.3 | 327.0 | 299.5 | 285.2 | 279.0 |
| 100° | 580.1 | 529.4 | 478.4 | 444.4 | 409.1 | 391.0 | 383.1 |
| 102.5° | 645.2 | 621.0 | 586.4 | 550.2 | 525.0 | 505.3 | 499.4 |
| 105° | 682.2 | 703.8 | 698.4 | 682.7 | 666.5 | 656.7 | 650.7 |
| 107.5° | 649.3 | 704.8 | 730.4 | 738.4 | 738.3 | 735.0 | 731.1 |
| 110° | 612.0 | 681.2 | 723.0 | 745.0 | 754.4 | 757.9 | 757.9 |



TEST NUMBER: P333528-935

CATALOG NUMBER: S125RDIP-S610D590U935-4F0-1E-UDD-A4

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 575.1 | 645.1 | 694.3 | 726.6 | 742.6 | 751.1 | 754.7 |
| 115° | 522.1 | 589.4 | 642.9 | 681.2 | 704.8 | 718.5 | 725.0 |
| 117.5° | 485.4 | 543.4 | 592.5 | 630.9 | 655.2 | 668.8 | 672.8 |
| 120° | 464.6 | 518.7 | 561.9 | 598.2 | 621.8 | 635.1 | 638.9 |
| 122.5° | 449.7 | 497.8 | 538.3 | 570.7 | 592.3 | 605.5 | 609.1 |
| 125° | 429.7 | 472.5 | 507.8 | 535.4 | 555.5 | 566.3 | 571.2 |
| 127.5° | 410.7 | 450.6 | 483.7 | 508.6 | 526.4 | 536.6 | 538.8 |
| 130° | 397.4 | 435.7 | 467.5 | 492.1 | 508.3 | 518.1 | 521.1 |
| 132.5° | 384.8 | 419.6 | 450.3 | 474.8 | 491.0 | 500.1 | 503.4 |
| 135° | 365.4 | 396.8 | 424.8 | 446.4 | 462.6 | 471.5 | 474.4 |
| 137.5° | 348.1 | 374.3 | 398.0 | 417.3 | 432.1 | 440.2 | 443.5 |
| 140° | 337.9 | 360.5 | 381.2 | 399.3 | 412.1 | 419.4 | 421.9 |
| 142.5° | 329.2 | 348.7 | 366.6 | 382.0 | 392.8 | 399.8 | 401.8 |
| 145° | 318.2 | 333.5 | 346.7 | 358.5 | 366.9 | 372.3 | 374.3 |
| 147.5° | 309.1 | 320.8 | 330.8 | 340.2 | 346.8 | 350.0 | 350.9 |
| 150° | 304.0 | 313.3 | 322.2 | 329.6 | 335.4 | 337.4 | 337.9 |
| 152.5° | 298.9 | 307.5 | 314.4 | 320.6 | 325.2 | 327.2 | 327.7 |
| 155° | 291.3 | 298.1 | 303.5 | 308.4 | 311.9 | 313.3 | 313.8 |
| 157.5° | 284.0 | 289.3 | 293.5 | 297.3 | 300.1 | 301.5 | 301.4 |
| 160° | 278.4 | 283.4 | 286.8 | 290.2 | 292.7 | 293.7 | 293.2 |
| 162.5° | 273.8 | 277.8 | 280.9 | 283.6 | 285.7 | 285.9 | 285.8 |
| 165° | 266.7 | 269.7 | 272.1 | 274.1 | 275.0 | 275.0 | 275.0 |
| 167.5° | 259.8 | 262.1 | 263.8 | 264.8 | 265.7 | 265.3 | 265.2 |
| 170° | 255.9 | 257.4 | 258.3 | 259.3 | 259.8 | 259.8 | 259.3 |
| 172.5° | 252.4 | 253.4 | 254.0 | 254.3 | 255.1 | 254.3 | 253.8 |
| 175° | 247.0 | 248.1 | 248.1 | 248.1 | 248.5 | 247.5 | 247.0 |
| 177.5° | 244.8 | 244.8 | 244.8 | 244.4 | 244.8 | 243.6 | 243.6 |
| 180° | 243.6 | 243.6 | 243.6 | 243.6 | 243.6 | 243.6 | 243.6 |

(END OF REPORT)