

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: P333527-930

Luminaire Tested: **S125RDIP-S610D590U930-4F0-1E-UDD-A1**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P333527-930
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-11,
Test Lab: INNOVATION CENTER
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: NEO-RAY
Catalog Number: S125RDIP-S610D590U930-4F0-1E-UDD-A1
Description: DEFINE 5 DIRECT-INDIRECT PENDANT LED LUMINAIRE
DOWNLIGHT 610 LUMENS PER FOOT, ASYMMETRIC DIFFUSER, REGRESSED HOUSING
UPLIGHT 590 LUMENS PER FOOT, FLUSH SATIN WHITE DIFFUSER
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3623.7 lumens
Efficiency: N/A
Efficacy: 110.5 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

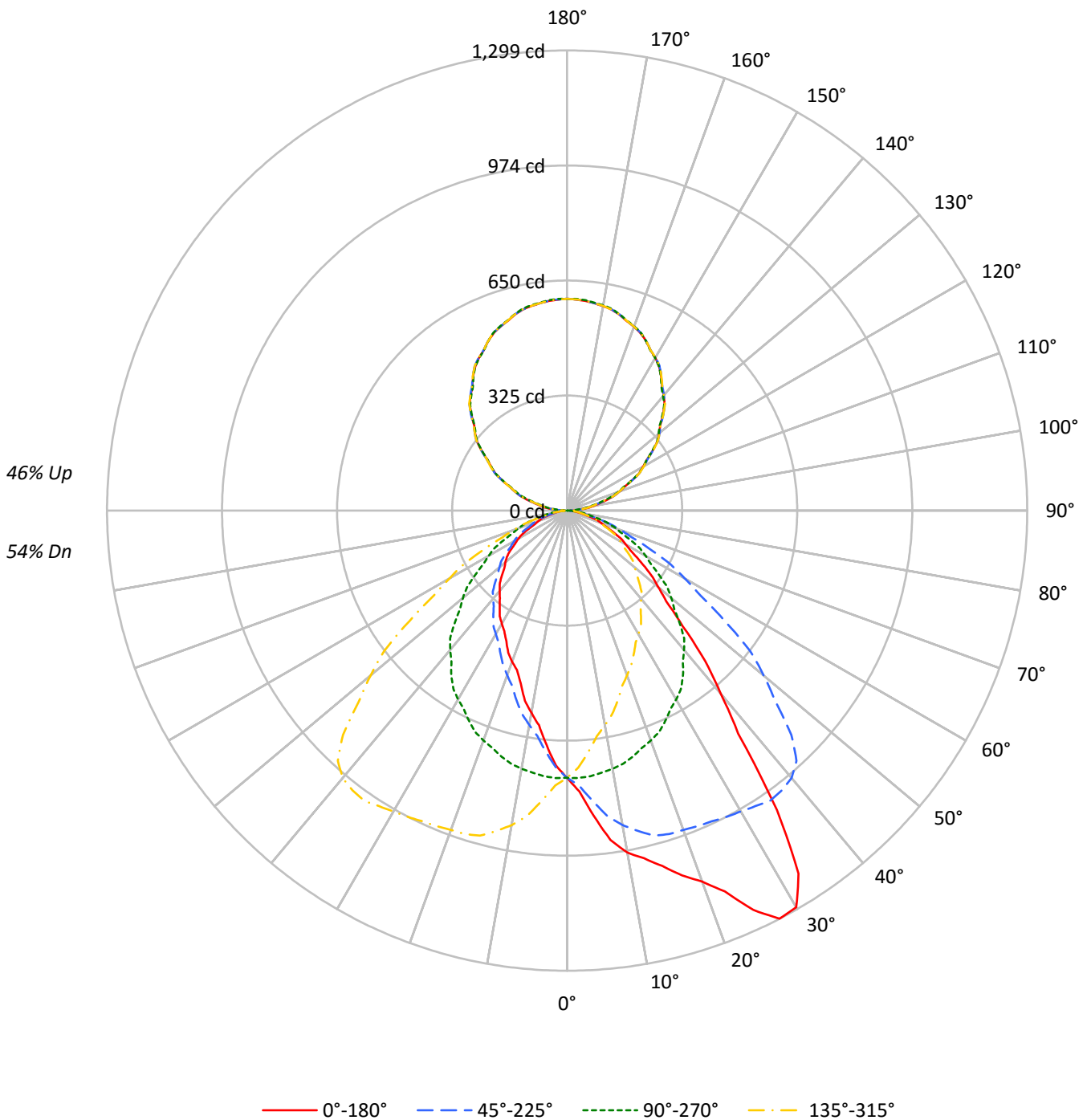
Input Watts (W): 32.8
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P333527-930

CATALOG NUMBER: S125RDIP-S610D590U930-4F0-1E-UDD-A1

Luminous Intensity Polar Plot





TEST NUMBER: P333527-930

CATALOG NUMBER: S125RDIP-S610D590U930-4F0-1E-UDD-A1

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 | 86 | 86 | 86 | 72 | 72 | 72 | 60 | 60 | 60 | 54 |
| 1 | 99 | 95 | 91 | 88 | 92 | 88 | 85 | 82 | 76 | 73 | 71 | 64 | 63 | 61 | 54 | 52 | 51 | 46 |
| 2 | 91 | 83 | 77 | 72 | 84 | 78 | 73 | 68 | 67 | 63 | 60 | 57 | 54 | 52 | 48 | 46 | 44 | 40 |
| 3 | 83 | 74 | 67 | 61 | 77 | 69 | 62 | 57 | 59 | 55 | 51 | 51 | 47 | 44 | 43 | 40 | 38 | 34 |
| 4 | 76 | 65 | 58 | 52 | 70 | 61 | 54 | 49 | 53 | 48 | 43 | 45 | 41 | 38 | 38 | 35 | 33 | 29 |
| 5 | 70 | 58 | 50 | 45 | 65 | 55 | 48 | 42 | 48 | 42 | 38 | 41 | 37 | 33 | 35 | 31 | 29 | 26 |
| 6 | 64 | 53 | 45 | 39 | 60 | 49 | 42 | 37 | 43 | 37 | 33 | 37 | 33 | 29 | 31 | 28 | 26 | 23 |
| 7 | 60 | 48 | 40 | 34 | 55 | 45 | 37 | 32 | 39 | 33 | 29 | 34 | 29 | 26 | 29 | 25 | 23 | 20 |
| 8 | 55 | 43 | 36 | 30 | 51 | 41 | 34 | 29 | 36 | 30 | 26 | 31 | 26 | 23 | 26 | 23 | 20 | 18 |
| 9 | 52 | 39 | 32 | 27 | 48 | 37 | 30 | 26 | 33 | 27 | 23 | 28 | 24 | 21 | 24 | 21 | 18 | 16 |
| 10 | 48 | 36 | 29 | 24 | 45 | 34 | 28 | 23 | 30 | 25 | 21 | 26 | 22 | 19 | 23 | 19 | 17 | 15 |

AVERAGE LUMINANCE (cd/sqm):

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



TEST NUMBER: P333527-930

CATALOG NUMBER: S125RDIP-S610D590U930-4F0-1E-UDD-A1

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 72.3 | 2.0 |
| 10°-20° | 212.0 | 5.9 |
| 20°-30° | 336.2 | 9.3 |
| 30°-40° | 405.4 | 11.2 |
| 40°-50° | 362.0 | 10.0 |
| 50°-60° | 277.6 | 7.7 |
| 60°-70° | 180.4 | 5.0 |
| 70°-80° | 87.7 | 2.4 |
| 80°-90° | 22.2 | 0.6 |
| 90°-100° | 40.0 | 1.1 |
| 100°-110° | 118.2 | 3.3 |
| 110°-120° | 200.2 | 5.5 |
| 120°-130° | 263.5 | 7.3 |
| 130°-140° | 295.3 | 8.1 |
| 140°-150° | 289.4 | 8.0 |
| 150°-160° | 243.0 | 6.7 |
| 160°-170° | 161.6 | 4.5 |
| 170°-180° | 56.5 | 1.6 |
| 0°-30° | 620.5 | 17.1 |
| 0°-40° | 1025.9 | 28.3 |
| 0°-60° | 1665.6 | 46.0 |
| 0°-90° | 1956.0 | 54.0 |
| 90°-120° | 358.5 | 9.9 |
| 90°-150° | 1206.6 | 33.3 |
| 90°-180° | 1668.0 | 46.0 |
| 0°-180° | 3623.7 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|------|-----|------|------|------|------|
| 0° | 754 | 754 | 754 | 754 | 754 | |
| 5° | 865 | 753 | 665 | 753 | 865 | 86 |
| 15° | 1039 | 718 | 506 | 718 | 1039 | 298 |
| 25° | 1244 | 655 | 406 | 655 | 1244 | 571 |
| 35° | 1032 | 570 | 331 | 570 | 1032 | 623 |
| 45° | 462 | 449 | 261 | 449 | 462 | 368 |
| 55° | 253 | 317 | 195 | 317 | 253 | 230 |
| 65° | 144 | 198 | 116 | 198 | 144 | 143 |
| 75° | 67 | 96 | 61 | 96 | 67 | 71 |
| 85° | 14 | 21 | 16 | 21 | 14 | 17 |
| 90° | 11 | 0 | 11 | 0 | 11 | 7 |
| 95° | 40 | 30 | 40 | 30 | 40 | 41 |
| 105° | 115 | 106 | 115 | 106 | 115 | 122 |
| 115° | 202 | 200 | 202 | 200 | 202 | 200 |
| 125° | 294 | 292 | 294 | 292 | 294 | 263 |
| 135° | 382 | 380 | 382 | 380 | 382 | 295 |
| 145° | 463 | 461 | 463 | 461 | 463 | 289 |
| 155° | 527 | 527 | 527 | 527 | 527 | 243 |
| 165° | 572 | 574 | 572 | 574 | 572 | 161 |
| 175° | 594 | 596 | 594 | 596 | 594 | 56 |
| 180° | 598 | 598 | 598 | 598 | 598 | |



TEST NUMBER: P333527-930

CATALOG NUMBER: S125RDIP-S610D590U930-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|
| 0° | 754.5 | 754.5 | 754.5 | 754.5 | 754.5 | 754.5 | 754.5 | 754.5 | 754.5 | 754.5 | 754.5 |
| 2.5° | 793.6 | 793.1 | 794.1 | 791.3 | 791.7 | 787.4 | 787.4 | 784.2 | 780.0 | 776.7 | 775.3 |
| 5° | 864.7 | 865.4 | 864.1 | 859.4 | 856.3 | 851.7 | 846.4 | 837.1 | 829.4 | 822.0 | 816.1 |
| 7.5° | 937.9 | 938.3 | 934.3 | 932.9 | 925.0 | 919.3 | 907.7 | 895.0 | 883.8 | 869.5 | 858.7 |
| 10° | 980.6 | 980.2 | 975.9 | 972.5 | 965.6 | 957.0 | 945.5 | 930.7 | 916.7 | 901.2 | 886.4 |
| 12.5° | 1005.3 | 1004.5 | 1003.1 | 999.0 | 992.7 | 985.0 | 975.3 | 960.7 | 943.5 | 926.5 | 909.2 |
| 15° | 1038.8 | 1036.6 | 1032.6 | 1027.3 | 1018.3 | 1009.3 | 998.5 | 985.5 | 969.1 | 949.9 | 933.8 |
| 17.5° | 1080.1 | 1080.2 | 1074.0 | 1066.7 | 1054.5 | 1038.6 | 1021.9 | 1000.9 | 978.6 | 957.5 | 940.4 |
| 20° | 1114.4 | 1113.4 | 1107.2 | 1093.0 | 1079.0 | 1059.2 | 1040.0 | 1014.3 | 987.1 | 959.4 | 938.1 |
| 22.5° | 1163.4 | 1161.0 | 1154.5 | 1135.8 | 1114.2 | 1088.7 | 1059.3 | 1027.9 | 995.0 | 963.7 | 935.6 |
| 25° | 1243.8 | 1241.9 | 1229.2 | 1207.5 | 1177.2 | 1137.8 | 1099.4 | 1056.4 | 1009.0 | 967.8 | 933.8 |
| 27.5° | 1298.8 | 1296.7 | 1287.4 | 1269.3 | 1241.3 | 1200.0 | 1147.9 | 1090.5 | 1031.3 | 974.6 | 925.4 |
| 30° | 1293.3 | 1298.0 | 1296.7 | 1288.4 | 1267.3 | 1230.1 | 1182.2 | 1117.4 | 1047.1 | 980.6 | 922.0 |
| 32.5° | 1215.5 | 1219.7 | 1230.6 | 1247.0 | 1248.2 | 1233.4 | 1197.5 | 1137.8 | 1064.9 | 989.2 | 919.2 |
| 35° | 1031.9 | 1037.5 | 1058.6 | 1091.7 | 1135.1 | 1171.3 | 1178.8 | 1146.6 | 1081.2 | 999.7 | 915.2 |
| 37.5° | 793.4 | 823.9 | 841.6 | 876.4 | 941.9 | 1008.6 | 1072.7 | 1096.3 | 1068.5 | 995.4 | 908.6 |
| 40° | 673.9 | 681.3 | 713.0 | 752.3 | 807.4 | 876.8 | 968.2 | 1034.1 | 1036.2 | 985.5 | 898.1 |
| 42.5° | 576.8 | 586.2 | 607.9 | 639.3 | 686.5 | 755.9 | 850.2 | 937.3 | 977.5 | 958.2 | 884.5 |
| 45° | 461.5 | 468.6 | 484.4 | 508.5 | 544.8 | 602.1 | 683.2 | 783.9 | 863.8 | 895.0 | 848.0 |
| 47.5° | 379.1 | 382.9 | 396.6 | 415.1 | 441.9 | 483.6 | 546.4 | 633.8 | 729.7 | 796.9 | 790.3 |
| 50° | 334.5 | 338.8 | 349.4 | 363.3 | 385.9 | 421.2 | 471.4 | 544.1 | 642.9 | 725.0 | 741.4 |
| 52.5° | 299.8 | 303.4 | 310.0 | 323.2 | 341.8 | 368.9 | 409.4 | 475.3 | 564.2 | 651.4 | 689.4 |
| 55° | 253.3 | 255.8 | 261.1 | 268.5 | 283.4 | 302.9 | 337.9 | 383.4 | 455.3 | 543.2 | 599.0 |
| 57.5° | 215.1 | 216.3 | 219.6 | 226.5 | 236.8 | 251.0 | 276.3 | 315.0 | 366.5 | 445.6 | 507.2 |
| 60° | 190.8 | 192.0 | 196.3 | 201.0 | 209.0 | 222.1 | 241.9 | 268.8 | 318.4 | 383.8 | 446.0 |
| 62.5° | 171.5 | 172.2 | 174.1 | 178.7 | 185.7 | 195.8 | 211.4 | 233.4 | 272.8 | 330.2 | 389.0 |
| 65° | 143.7 | 144.0 | 144.6 | 148.4 | 152.7 | 160.1 | 170.3 | 185.8 | 215.6 | 258.9 | 311.0 |
| 67.5° | 117.1 | 117.5 | 119.7 | 121.0 | 125.5 | 129.4 | 135.4 | 147.2 | 168.2 | 197.4 | 237.8 |
| 70° | 102.2 | 101.9 | 104.0 | 105.6 | 107.1 | 111.8 | 115.9 | 125.4 | 138.4 | 160.8 | 194.5 |
| 72.5° | 88.3 | 87.6 | 88.5 | 89.0 | 91.1 | 94.2 | 98.2 | 104.1 | 114.1 | 129.6 | 155.3 |
| 75° | 66.9 | 67.2 | 67.2 | 67.8 | 69.4 | 70.6 | 71.8 | 74.9 | 80.6 | 90.7 | 104.7 |
| 77.5° | 47.0 | 46.5 | 47.8 | 47.9 | 48.8 | 50.2 | 51.3 | 52.5 | 54.8 | 59.0 | 66.2 |
| 80° | 34.1 | 34.1 | 34.4 | 35.3 | 35.0 | 35.6 | 37.2 | 38.4 | 41.2 | 43.7 | 46.1 |
| 82.5° | 26.2 | 25.9 | 26.2 | 26.4 | 26.3 | 26.9 | 27.5 | 27.7 | 28.8 | 30.0 | 31.8 |
| 85° | 14.3 | 14.3 | 14.6 | 14.6 | 14.8 | 14.8 | 15.2 | 15.2 | 15.2 | 15.5 | 15.8 |
| 87.5° | 7.7 | 7.3 | 7.1 | 7.0 | 7.2 | 7.6 | 7.3 | 6.9 | 6.8 | 6.7 | 6.8 |
| 90° | 11.2 | 10.8 | 10.5 | 10.3 | 9.9 | 9.5 | 9.0 | 8.5 | 8.0 | 7.4 | 6.7 |
| 92.5° | 21.9 | 21.7 | 21.5 | 21.3 | 21.0 | 20.6 | 19.9 | 19.2 | 18.5 | 17.9 | 17.0 |
| 95° | 40.0 | 39.8 | 39.6 | 39.4 | 39.1 | 38.7 | 38.0 | 37.3 | 36.5 | 35.8 | 34.8 |
| 97.5° | 60.7 | 60.5 | 60.4 | 60.3 | 60.2 | 59.8 | 59.1 | 58.4 | 57.7 | 57.0 | 55.6 |
| 100° | 76.3 | 76.1 | 75.9 | 75.7 | 75.4 | 74.8 | 73.9 | 73.1 | 72.1 | 71.2 | 69.8 |
| 102.5° | 91.9 | 91.6 | 91.3 | 91.1 | 90.7 | 90.1 | 89.1 | 88.1 | 87.1 | 86.0 | 85.4 |
| 105° | 115.4 | 115.0 | 114.7 | 114.4 | 114.1 | 113.7 | 113.0 | 112.4 | 111.8 | 111.1 | 110.6 |
| 107.5° | 139.3 | 139.3 | 139.4 | 139.4 | 139.4 | 139.3 | 139.0 | 138.7 | 138.4 | 138.0 | 137.5 |
| 110° | 157.2 | 157.3 | 157.4 | 157.5 | 157.6 | 157.5 | 157.2 | 156.9 | 156.6 | 156.3 | 156.0 |



TEST NUMBER: P333527-930

CATALOG NUMBER: S125RDIP-S610D590U930-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 174.7 | 174.9 | 175.0 | 175.3 | 175.5 | 175.5 | 175.3 | 175.2 | 175.0 | 174.9 | 174.5 |
| 115° | 202.4 | 202.4 | 202.5 | 202.6 | 202.8 | 202.8 | 202.9 | 203.0 | 203.2 | 203.3 | 203.0 |
| 117.5° | 229.3 | 229.8 | 230.2 | 230.6 | 231.0 | 231.1 | 231.1 | 231.0 | 230.9 | 230.8 | 230.6 |
| 120° | 247.9 | 248.3 | 248.7 | 249.2 | 249.6 | 249.7 | 249.7 | 249.7 | 249.7 | 249.7 | 249.6 |
| 122.5° | 266.5 | 266.8 | 267.2 | 267.5 | 267.8 | 268.1 | 268.2 | 268.2 | 268.3 | 268.4 | 268.1 |
| 125° | 294.4 | 294.5 | 294.6 | 294.7 | 294.8 | 295.0 | 295.2 | 295.4 | 295.6 | 295.8 | 295.7 |
| 127.5° | 321.2 | 321.4 | 321.6 | 321.8 | 322.0 | 322.2 | 322.3 | 322.4 | 322.5 | 322.6 | 322.5 |
| 130° | 339.1 | 339.2 | 339.5 | 339.7 | 339.9 | 340.1 | 340.1 | 340.2 | 340.4 | 340.5 | 340.2 |
| 132.5° | 355.8 | 356.1 | 356.4 | 356.7 | 356.9 | 357.2 | 357.3 | 357.3 | 357.5 | 357.6 | 357.6 |
| 135° | 381.9 | 382.3 | 382.7 | 383.1 | 383.5 | 383.7 | 383.7 | 383.7 | 383.7 | 383.7 | 383.6 |
| 137.5° | 407.3 | 407.9 | 408.4 | 408.9 | 409.4 | 409.6 | 409.4 | 409.4 | 409.2 | 409.1 | 408.9 |
| 140° | 423.7 | 424.2 | 424.8 | 425.3 | 425.7 | 425.9 | 425.7 | 425.5 | 425.3 | 425.1 | 424.8 |
| 142.5° | 439.4 | 439.9 | 440.3 | 440.9 | 441.4 | 441.6 | 441.5 | 441.3 | 441.2 | 441.1 | 440.8 |
| 145° | 462.8 | 463.1 | 463.4 | 463.7 | 464.0 | 464.1 | 464.1 | 464.1 | 464.1 | 464.1 | 463.9 |
| 147.5° | 482.8 | 483.5 | 484.2 | 484.9 | 485.6 | 485.8 | 485.6 | 485.3 | 485.1 | 484.9 | 484.6 |
| 150° | 497.7 | 497.9 | 498.1 | 498.3 | 498.5 | 498.6 | 498.6 | 498.6 | 498.6 | 498.6 | 498.1 |
| 152.5° | 510.0 | 510.3 | 510.7 | 511.0 | 511.4 | 511.5 | 511.3 | 511.0 | 510.8 | 510.5 | 510.3 |
| 155° | 527.4 | 527.9 | 528.5 | 529.0 | 529.5 | 529.5 | 529.1 | 528.7 | 528.3 | 527.9 | 527.8 |
| 157.5° | 542.0 | 542.7 | 543.4 | 544.0 | 544.8 | 544.9 | 544.5 | 544.0 | 543.6 | 543.2 | 543.2 |
| 160° | 552.1 | 552.6 | 553.1 | 553.7 | 554.2 | 554.2 | 553.8 | 553.3 | 552.9 | 552.5 | 552.4 |
| 162.5° | 560.6 | 561.3 | 561.8 | 562.5 | 563.0 | 563.1 | 562.6 | 562.1 | 561.6 | 561.1 | 561.1 |
| 165° | 572.1 | 572.7 | 573.3 | 574.0 | 574.5 | 574.7 | 574.2 | 573.8 | 573.4 | 573.0 | 572.9 |
| 167.5° | 581.2 | 581.8 | 582.4 | 583.1 | 583.8 | 583.8 | 583.2 | 582.5 | 581.9 | 581.3 | 581.3 |
| 170° | 586.0 | 586.8 | 587.5 | 588.2 | 588.9 | 589.0 | 588.3 | 587.7 | 587.1 | 586.5 | 586.5 |
| 172.5° | 590.1 | 590.8 | 591.4 | 592.1 | 592.7 | 592.7 | 592.1 | 591.5 | 590.8 | 590.2 | 590.2 |
| 175° | 593.9 | 594.7 | 595.4 | 596.1 | 596.8 | 596.9 | 596.2 | 595.7 | 595.0 | 594.4 | 594.4 |
| 177.5° | 596.1 | 596.7 | 597.4 | 597.9 | 598.5 | 598.5 | 598.0 | 597.5 | 597.0 | 596.6 | 596.6 |
| 180° | 597.7 | 597.7 | 597.7 | 597.7 | 597.7 | 597.7 | 597.7 | 597.7 | 597.7 | 597.7 | 597.7 |



TEST NUMBER: P333527-930

CATALOG NUMBER: S125RDIP-S610D590U930-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 754.5 | 754.5 | 754.5 | 754.5 | 754.5 | 754.5 | 754.5 | 754.5 | 754.5 | 754.5 | 754.5 |
| 2.5° | 775.3 | 773.6 | 770.3 | 767.4 | 763.6 | 760.4 | 758.1 | 755.5 | 752.0 | 747.8 | 744.3 |
| 5° | 809.6 | 802.7 | 793.8 | 786.0 | 776.2 | 768.4 | 760.3 | 752.6 | 744.9 | 734.9 | 726.3 |
| 7.5° | 847.6 | 833.6 | 819.9 | 802.7 | 787.0 | 773.1 | 759.7 | 746.2 | 732.9 | 718.8 | 705.2 |
| 10° | 870.9 | 853.9 | 834.9 | 813.3 | 793.4 | 774.6 | 757.2 | 740.2 | 722.3 | 706.5 | 689.4 |
| 12.5° | 892.7 | 870.7 | 849.1 | 821.7 | 797.9 | 774.9 | 752.8 | 731.6 | 712.3 | 691.9 | 673.5 |
| 15° | 912.4 | 890.7 | 866.6 | 833.2 | 800.0 | 772.1 | 746.1 | 718.5 | 694.7 | 671.7 | 651.3 |
| 17.5° | 920.0 | 897.3 | 869.2 | 837.1 | 800.9 | 765.8 | 732.3 | 702.1 | 674.0 | 647.3 | 624.3 |
| 20° | 917.0 | 895.0 | 866.3 | 835.6 | 796.9 | 760.3 | 724.1 | 690.6 | 659.3 | 631.2 | 606.7 |
| 22.5° | 909.9 | 887.1 | 859.3 | 827.0 | 790.2 | 751.4 | 712.7 | 677.0 | 644.2 | 615.1 | 588.4 |
| 25° | 899.1 | 868.1 | 839.6 | 808.0 | 773.1 | 734.7 | 694.7 | 655.3 | 620.4 | 590.6 | 561.5 |
| 27.5° | 887.9 | 849.2 | 813.0 | 781.5 | 744.6 | 710.4 | 671.8 | 631.5 | 594.7 | 564.4 | 534.6 |
| 30° | 877.8 | 834.4 | 794.4 | 758.8 | 723.8 | 691.3 | 654.7 | 615.4 | 577.6 | 546.3 | 516.0 |
| 32.5° | 865.1 | 819.0 | 775.1 | 734.0 | 700.3 | 668.0 | 634.9 | 597.3 | 560.5 | 528.2 | 497.4 |
| 35° | 849.2 | 790.4 | 742.7 | 699.0 | 661.5 | 630.2 | 600.5 | 570.1 | 533.3 | 499.9 | 469.9 |
| 37.5° | 828.4 | 761.7 | 706.5 | 658.8 | 619.4 | 587.9 | 564.5 | 536.7 | 503.1 | 471.1 | 443.2 |
| 40° | 815.8 | 740.9 | 680.4 | 633.3 | 591.8 | 558.7 | 536.7 | 513.1 | 482.5 | 452.5 | 424.6 |
| 42.5° | 798.9 | 721.8 | 654.2 | 605.1 | 563.4 | 531.5 | 509.2 | 488.7 | 462.9 | 434.6 | 404.8 |
| 45° | 765.9 | 684.8 | 613.8 | 561.2 | 519.1 | 487.8 | 467.0 | 448.7 | 429.3 | 403.2 | 377.2 |
| 47.5° | 722.9 | 646.2 | 571.9 | 514.5 | 473.2 | 444.2 | 424.0 | 409.6 | 395.7 | 373.6 | 348.3 |
| 50° | 688.5 | 614.5 | 542.0 | 486.2 | 442.3 | 414.7 | 395.8 | 384.3 | 371.6 | 351.6 | 330.4 |
| 52.5° | 647.8 | 581.8 | 510.8 | 453.8 | 412.3 | 386.5 | 368.3 | 356.9 | 346.3 | 330.0 | 309.9 |
| 55° | 583.8 | 525.9 | 460.8 | 409.1 | 371.0 | 345.0 | 327.7 | 316.8 | 310.6 | 296.7 | 280.9 |
| 57.5° | 509.9 | 468.4 | 411.1 | 361.2 | 327.5 | 301.7 | 289.1 | 279.9 | 272.9 | 263.0 | 251.8 |
| 60° | 458.4 | 429.3 | 377.8 | 330.4 | 299.5 | 275.0 | 263.6 | 255.8 | 249.3 | 240.9 | 232.3 |
| 62.5° | 406.1 | 384.9 | 340.2 | 299.5 | 271.0 | 250.5 | 239.8 | 232.8 | 225.3 | 219.6 | 211.2 |
| 65° | 336.1 | 317.2 | 286.2 | 254.3 | 228.0 | 211.6 | 203.8 | 197.6 | 193.0 | 186.8 | 180.8 |
| 67.5° | 261.4 | 253.7 | 232.4 | 210.3 | 191.4 | 176.8 | 170.2 | 165.8 | 160.2 | 156.5 | 152.5 |
| 70° | 215.6 | 211.8 | 196.7 | 182.1 | 164.4 | 154.6 | 148.4 | 146.5 | 139.7 | 136.0 | 133.1 |
| 72.5° | 175.0 | 173.2 | 164.4 | 154.3 | 141.9 | 133.2 | 127.5 | 125.4 | 121.1 | 118.1 | 116.3 |
| 75° | 119.8 | 120.5 | 119.0 | 112.4 | 107.8 | 102.2 | 97.3 | 96.0 | 92.9 | 90.4 | 88.9 |
| 77.5° | 75.8 | 79.0 | 79.1 | 78.8 | 77.0 | 73.5 | 71.5 | 70.5 | 67.5 | 66.6 | 66.2 |
| 80° | 52.0 | 55.4 | 58.5 | 58.2 | 57.6 | 56.7 | 55.1 | 54.2 | 52.7 | 51.7 | 51.1 |
| 82.5° | 34.7 | 37.8 | 40.4 | 42.2 | 42.0 | 41.1 | 40.0 | 39.5 | 39.3 | 38.6 | 38.5 |
| 85° | 16.4 | 17.0 | 17.9 | 20.1 | 21.7 | 22.0 | 21.7 | 21.4 | 20.5 | 20.8 | 21.0 |
| 87.5° | 6.9 | 6.8 | 6.8 | 6.7 | 6.3 | 7.3 | 7.9 | 8.0 | 7.7 | 7.3 | 7.0 |
| 90° | 6.0 | 5.3 | 4.6 | 3.8 | 2.9 | 2.1 | 1.3 | 0.5 | 1.3 | 2.1 | 2.9 |
| 92.5° | 16.1 | 15.2 | 14.3 | 13.5 | 13.0 | 12.4 | 11.8 | 11.3 | 11.8 | 12.4 | 13.0 |
| 95° | 33.8 | 32.7 | 31.7 | 31.1 | 30.8 | 30.7 | 30.4 | 30.2 | 30.4 | 30.7 | 30.8 |
| 97.5° | 54.1 | 52.7 | 51.3 | 50.5 | 50.5 | 50.4 | 50.3 | 50.2 | 50.3 | 50.4 | 50.5 |
| 100° | 68.5 | 67.1 | 65.8 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 |
| 102.5° | 84.7 | 84.0 | 83.3 | 82.8 | 82.3 | 81.9 | 81.5 | 81.1 | 81.5 | 81.9 | 82.3 |
| 105° | 109.9 | 109.3 | 108.7 | 108.1 | 107.6 | 107.0 | 106.6 | 106.1 | 106.6 | 107.0 | 107.6 |
| 107.5° | 137.1 | 136.6 | 136.2 | 135.7 | 135.1 | 134.6 | 134.1 | 133.5 | 134.1 | 134.6 | 135.1 |
| 110° | 155.6 | 155.3 | 155.1 | 154.7 | 154.1 | 153.6 | 153.0 | 152.5 | 153.0 | 153.6 | 154.1 |



TEST NUMBER: P333527-930

CATALOG NUMBER: S125RDIP-S610D590U930-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 174.1 | 173.7 | 173.3 | 173.0 | 172.7 | 172.4 | 172.2 | 171.9 | 172.2 | 172.4 | 172.7 |
| 115° | 202.8 | 202.6 | 202.4 | 202.1 | 201.7 | 201.3 | 200.9 | 200.5 | 200.9 | 201.3 | 201.7 |
| 117.5° | 230.4 | 230.2 | 230.1 | 229.8 | 229.7 | 229.5 | 229.3 | 229.1 | 229.3 | 229.5 | 229.7 |
| 120° | 249.6 | 249.5 | 249.3 | 249.1 | 248.5 | 248.0 | 247.5 | 247.0 | 247.5 | 248.0 | 248.5 |
| 122.5° | 267.8 | 267.6 | 267.3 | 267.1 | 266.8 | 266.7 | 266.5 | 266.4 | 266.5 | 266.7 | 266.8 |
| 125° | 295.6 | 295.5 | 295.4 | 295.1 | 294.4 | 293.8 | 293.2 | 292.5 | 293.2 | 293.8 | 294.4 |
| 127.5° | 322.4 | 322.2 | 322.1 | 321.9 | 321.5 | 321.1 | 320.8 | 320.5 | 320.8 | 321.1 | 321.5 |
| 130° | 340.1 | 339.8 | 339.7 | 339.2 | 338.8 | 338.3 | 337.7 | 337.2 | 337.7 | 338.3 | 338.8 |
| 132.5° | 357.7 | 357.7 | 357.8 | 357.3 | 356.4 | 355.6 | 354.8 | 353.9 | 354.8 | 355.6 | 356.4 |
| 135° | 383.5 | 383.4 | 383.3 | 382.9 | 382.3 | 381.7 | 381.1 | 380.4 | 381.1 | 381.7 | 382.3 |
| 137.5° | 408.6 | 408.5 | 408.2 | 407.8 | 407.2 | 406.6 | 406.0 | 405.4 | 406.0 | 406.6 | 407.2 |
| 140° | 424.5 | 424.2 | 423.9 | 423.5 | 422.9 | 422.4 | 421.9 | 421.3 | 421.9 | 422.4 | 422.9 |
| 142.5° | 440.3 | 439.9 | 439.5 | 439.1 | 438.7 | 438.2 | 437.8 | 437.4 | 437.8 | 438.2 | 438.7 |
| 145° | 463.6 | 463.3 | 462.9 | 462.6 | 462.2 | 461.8 | 461.3 | 460.9 | 461.3 | 461.8 | 462.2 |
| 147.5° | 484.4 | 484.0 | 483.8 | 483.6 | 483.4 | 483.1 | 482.9 | 482.7 | 482.9 | 483.1 | 483.4 |
| 150° | 497.7 | 497.3 | 496.9 | 496.8 | 496.9 | 497.0 | 497.1 | 497.2 | 497.1 | 497.0 | 496.9 |
| 152.5° | 510.1 | 510.0 | 509.8 | 509.6 | 509.6 | 509.4 | 509.2 | 509.1 | 509.2 | 509.4 | 509.6 |
| 155° | 527.7 | 527.6 | 527.5 | 527.4 | 527.4 | 527.4 | 527.4 | 527.4 | 527.4 | 527.4 | 527.4 |
| 157.5° | 543.1 | 542.9 | 542.8 | 542.9 | 543.2 | 543.3 | 543.6 | 543.8 | 543.6 | 543.3 | 543.2 |
| 160° | 552.4 | 552.2 | 552.1 | 552.2 | 552.5 | 552.9 | 553.2 | 553.5 | 553.2 | 552.9 | 552.5 |
| 162.5° | 561.1 | 561.0 | 561.0 | 561.1 | 561.3 | 561.6 | 561.8 | 562.1 | 561.8 | 561.6 | 561.3 |
| 165° | 572.8 | 572.7 | 572.6 | 572.7 | 572.8 | 573.1 | 573.2 | 573.5 | 573.2 | 573.1 | 572.8 |
| 167.5° | 581.3 | 581.3 | 581.3 | 581.5 | 581.9 | 582.3 | 582.8 | 583.2 | 582.8 | 582.3 | 581.9 |
| 170° | 586.5 | 586.5 | 586.5 | 586.7 | 587.1 | 587.5 | 587.9 | 588.3 | 587.9 | 587.5 | 587.1 |
| 172.5° | 590.2 | 590.2 | 590.2 | 590.4 | 590.8 | 591.3 | 591.7 | 592.1 | 591.7 | 591.3 | 590.8 |
| 175° | 594.4 | 594.4 | 594.4 | 594.6 | 595.0 | 595.4 | 595.8 | 596.2 | 595.8 | 595.4 | 595.0 |
| 177.5° | 596.7 | 596.8 | 596.9 | 597.0 | 597.5 | 597.8 | 598.1 | 598.4 | 598.1 | 597.8 | 597.5 |
| 180° | 597.7 | 597.7 | 597.7 | 597.7 | 597.7 | 597.7 | 597.7 | 597.7 | 597.7 | 597.7 | 597.7 |



TEST NUMBER: P333527-930

CATALOG NUMBER: S125RDIP-S610D590U930-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 754.5 | 754.5 | 754.5 | 754.5 | 754.5 | 754.5 | 754.5 | 754.5 | 754.5 | 754.5 | 754.5 |
| 2.5° | 741.8 | 738.3 | 735.9 | 730.9 | 727.4 | 725.9 | 723.3 | 722.5 | 725.2 | 723.3 | 723.0 |
| 5° | 719.7 | 710.8 | 703.7 | 696.5 | 688.8 | 683.9 | 676.4 | 675.1 | 673.3 | 670.5 | 669.9 |
| 7.5° | 693.3 | 681.6 | 672.5 | 660.6 | 650.4 | 642.2 | 632.9 | 628.5 | 626.1 | 622.5 | 617.7 |
| 10° | 675.5 | 661.5 | 649.1 | 637.4 | 624.7 | 614.5 | 605.2 | 598.0 | 593.4 | 589.1 | 587.2 |
| 12.5° | 657.9 | 643.7 | 627.9 | 613.6 | 599.4 | 587.9 | 577.6 | 573.0 | 567.9 | 562.8 | 558.5 |
| 15° | 630.6 | 611.6 | 594.4 | 577.9 | 565.8 | 553.4 | 543.6 | 536.7 | 529.0 | 526.8 | 518.4 |
| 17.5° | 601.6 | 583.0 | 562.7 | 545.4 | 531.5 | 517.8 | 507.0 | 499.2 | 493.3 | 485.3 | 481.5 |
| 20° | 583.5 | 561.5 | 541.7 | 525.9 | 510.4 | 494.3 | 483.1 | 476.6 | 471.1 | 464.6 | 461.5 |
| 22.5° | 564.2 | 542.7 | 522.4 | 503.9 | 488.1 | 472.2 | 464.3 | 457.5 | 451.3 | 445.2 | 441.2 |
| 25° | 535.8 | 514.1 | 492.8 | 473.5 | 457.1 | 445.6 | 436.3 | 428.6 | 425.3 | 419.3 | 415.0 |
| 27.5° | 507.8 | 484.7 | 462.5 | 443.4 | 430.5 | 419.1 | 411.6 | 405.4 | 399.3 | 394.1 | 390.4 |
| 30° | 489.7 | 466.1 | 442.0 | 426.8 | 413.1 | 402.4 | 394.0 | 388.1 | 383.4 | 378.8 | 376.0 |
| 32.5° | 471.6 | 447.3 | 425.8 | 409.4 | 396.6 | 387.2 | 378.6 | 372.9 | 368.0 | 362.9 | 359.6 |
| 35° | 442.5 | 417.8 | 400.5 | 384.3 | 371.6 | 363.0 | 357.1 | 349.0 | 345.0 | 341.3 | 337.9 |
| 37.5° | 415.6 | 392.6 | 373.8 | 359.7 | 348.7 | 340.1 | 332.5 | 328.1 | 323.2 | 319.8 | 317.0 |
| 40° | 395.8 | 374.7 | 357.8 | 342.8 | 334.8 | 325.2 | 318.0 | 312.5 | 308.8 | 304.4 | 301.3 |
| 42.5° | 378.0 | 358.4 | 341.9 | 328.5 | 318.5 | 310.3 | 303.5 | 297.9 | 293.2 | 290.1 | 287.5 |
| 45° | 352.8 | 333.2 | 317.2 | 304.8 | 295.5 | 287.7 | 280.6 | 277.8 | 271.6 | 267.9 | 266.7 |
| 47.5° | 326.7 | 309.2 | 293.7 | 282.3 | 272.7 | 265.4 | 258.7 | 253.1 | 249.6 | 246.0 | 244.0 |
| 50° | 309.1 | 292.4 | 277.8 | 266.7 | 257.4 | 249.3 | 243.1 | 239.4 | 234.7 | 231.4 | 228.9 |
| 52.5° | 291.5 | 276.0 | 261.5 | 250.8 | 242.7 | 234.7 | 227.8 | 224.0 | 219.6 | 217.4 | 215.7 |
| 55° | 266.4 | 250.0 | 237.6 | 227.0 | 218.7 | 211.2 | 204.7 | 201.0 | 198.2 | 196.1 | 195.4 |
| 57.5° | 237.8 | 224.9 | 213.4 | 203.8 | 195.2 | 188.2 | 182.5 | 179.0 | 176.5 | 176.2 | 174.3 |
| 60° | 219.2 | 207.5 | 197.0 | 186.8 | 179.3 | 172.8 | 167.9 | 163.9 | 161.3 | 161.0 | 160.5 |
| 62.5° | 200.7 | 189.4 | 179.6 | 170.6 | 164.0 | 157.7 | 153.0 | 148.5 | 147.0 | 145.4 | 144.1 |
| 65° | 173.1 | 162.9 | 154.8 | 147.7 | 140.6 | 135.3 | 130.7 | 127.9 | 124.5 | 122.6 | 119.3 |
| 67.5° | 146.0 | 138.1 | 130.4 | 124.4 | 118.8 | 113.8 | 110.0 | 105.8 | 103.5 | 102.0 | 99.5 |
| 70° | 128.2 | 122.1 | 114.3 | 107.8 | 103.5 | 99.4 | 96.3 | 91.6 | 90.1 | 88.9 | 87.6 |
| 72.5° | 111.4 | 105.9 | 99.4 | 94.2 | 89.8 | 86.0 | 82.4 | 80.3 | 78.8 | 77.5 | 76.7 |
| 75° | 87.6 | 82.3 | 76.8 | 73.1 | 70.0 | 66.9 | 65.1 | 63.5 | 62.9 | 62.5 | 61.3 |
| 77.5° | 64.3 | 61.6 | 57.1 | 54.1 | 52.1 | 50.9 | 49.2 | 48.3 | 48.3 | 47.0 | 46.6 |
| 80° | 49.2 | 47.7 | 43.9 | 42.7 | 41.2 | 39.9 | 39.1 | 37.5 | 36.0 | 35.3 | 34.4 |
| 82.5° | 36.6 | 35.1 | 33.6 | 31.6 | 30.3 | 29.5 | 28.6 | 28.0 | 28.2 | 27.4 | 26.9 |
| 85° | 19.5 | 17.9 | 17.4 | 17.0 | 16.4 | 17.0 | 16.7 | 16.4 | 16.1 | 15.8 | 16.1 |
| 87.5° | 6.9 | 7.1 | 7.0 | 7.7 | 7.0 | 7.4 | 7.5 | 7.4 | 7.5 | 7.6 | 7.4 |
| 90° | 3.8 | 4.6 | 5.3 | 6.0 | 6.7 | 7.4 | 8.0 | 8.5 | 9.0 | 9.5 | 9.9 |
| 92.5° | 13.5 | 14.3 | 15.2 | 16.1 | 17.0 | 17.9 | 18.5 | 19.2 | 19.9 | 20.6 | 21.0 |
| 95° | 31.1 | 31.7 | 32.7 | 33.8 | 34.8 | 35.8 | 36.5 | 37.3 | 38.0 | 38.7 | 39.1 |
| 97.5° | 50.5 | 51.3 | 52.7 | 54.1 | 55.6 | 57.0 | 57.7 | 58.4 | 59.1 | 59.8 | 60.2 |
| 100° | 65.1 | 65.8 | 67.1 | 68.5 | 69.8 | 71.2 | 72.1 | 73.1 | 73.9 | 74.8 | 75.4 |
| 102.5° | 82.8 | 83.3 | 84.0 | 84.7 | 85.4 | 86.0 | 87.1 | 88.1 | 89.1 | 90.1 | 90.7 |
| 105° | 108.1 | 108.7 | 109.3 | 109.9 | 110.6 | 111.1 | 111.8 | 112.4 | 113.0 | 113.7 | 114.1 |
| 107.5° | 135.7 | 136.2 | 136.6 | 137.1 | 137.5 | 138.0 | 138.4 | 138.7 | 139.0 | 139.3 | 139.4 |
| 110° | 154.7 | 155.1 | 155.3 | 155.6 | 156.0 | 156.3 | 156.6 | 156.9 | 157.2 | 157.5 | 157.6 |



TEST NUMBER: P333527-930

CATALOG NUMBER: S125RDIP-S610D590U930-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 173.0 | 173.3 | 173.7 | 174.1 | 174.5 | 174.9 | 175.0 | 175.2 | 175.3 | 175.5 | 175.5 |
| 115° | 202.1 | 202.4 | 202.6 | 202.8 | 203.0 | 203.3 | 203.2 | 203.0 | 202.9 | 202.8 | 202.8 |
| 117.5° | 229.8 | 230.1 | 230.2 | 230.4 | 230.6 | 230.8 | 230.9 | 231.0 | 231.1 | 231.1 | 231.0 |
| 120° | 249.1 | 249.3 | 249.5 | 249.6 | 249.6 | 249.7 | 249.7 | 249.7 | 249.7 | 249.7 | 249.6 |
| 122.5° | 267.1 | 267.3 | 267.6 | 267.8 | 268.1 | 268.4 | 268.3 | 268.2 | 268.2 | 268.1 | 267.8 |
| 125° | 295.1 | 295.4 | 295.5 | 295.6 | 295.7 | 295.8 | 295.6 | 295.4 | 295.2 | 295.0 | 294.8 |
| 127.5° | 321.9 | 322.1 | 322.2 | 322.4 | 322.5 | 322.6 | 322.5 | 322.4 | 322.3 | 322.2 | 322.0 |
| 130° | 339.2 | 339.7 | 339.8 | 340.1 | 340.2 | 340.5 | 340.4 | 340.2 | 340.1 | 340.1 | 339.9 |
| 132.5° | 357.3 | 357.8 | 357.7 | 357.7 | 357.6 | 357.6 | 357.5 | 357.3 | 357.3 | 357.2 | 356.9 |
| 135° | 382.9 | 383.3 | 383.4 | 383.5 | 383.6 | 383.7 | 383.7 | 383.7 | 383.7 | 383.7 | 383.5 |
| 137.5° | 407.8 | 408.2 | 408.5 | 408.6 | 408.9 | 409.1 | 409.2 | 409.4 | 409.4 | 409.6 | 409.4 |
| 140° | 423.5 | 423.9 | 424.2 | 424.5 | 424.8 | 425.1 | 425.3 | 425.5 | 425.7 | 425.9 | 425.7 |
| 142.5° | 439.1 | 439.5 | 439.9 | 440.3 | 440.8 | 441.1 | 441.2 | 441.3 | 441.5 | 441.6 | 441.4 |
| 145° | 462.6 | 462.9 | 463.3 | 463.6 | 463.9 | 464.1 | 464.1 | 464.1 | 464.1 | 464.1 | 464.0 |
| 147.5° | 483.6 | 483.8 | 484.0 | 484.4 | 484.6 | 484.9 | 485.1 | 485.3 | 485.6 | 485.8 | 485.6 |
| 150° | 496.8 | 496.9 | 497.3 | 497.7 | 498.1 | 498.6 | 498.6 | 498.6 | 498.6 | 498.6 | 498.5 |
| 152.5° | 509.6 | 509.8 | 510.0 | 510.1 | 510.3 | 510.5 | 510.8 | 511.0 | 511.3 | 511.5 | 511.4 |
| 155° | 527.4 | 527.5 | 527.6 | 527.7 | 527.8 | 527.9 | 528.3 | 528.7 | 529.1 | 529.5 | 529.5 |
| 157.5° | 542.9 | 542.8 | 542.9 | 543.1 | 543.2 | 543.2 | 543.6 | 544.0 | 544.5 | 544.9 | 544.8 |
| 160° | 552.2 | 552.1 | 552.2 | 552.4 | 552.4 | 552.5 | 552.9 | 553.3 | 553.8 | 554.2 | 554.2 |
| 162.5° | 561.1 | 561.0 | 561.0 | 561.1 | 561.1 | 561.1 | 561.6 | 562.1 | 562.6 | 563.1 | 563.0 |
| 165° | 572.7 | 572.6 | 572.7 | 572.8 | 572.9 | 573.0 | 573.4 | 573.8 | 574.2 | 574.7 | 574.5 |
| 167.5° | 581.5 | 581.3 | 581.3 | 581.3 | 581.3 | 581.3 | 581.9 | 582.5 | 583.2 | 583.8 | 583.8 |
| 170° | 586.7 | 586.5 | 586.5 | 586.5 | 586.5 | 586.5 | 587.1 | 587.7 | 588.3 | 589.0 | 588.9 |
| 172.5° | 590.4 | 590.2 | 590.2 | 590.2 | 590.2 | 590.2 | 590.8 | 591.5 | 592.1 | 592.7 | 592.7 |
| 175° | 594.6 | 594.4 | 594.4 | 594.4 | 594.4 | 594.4 | 595.0 | 595.7 | 596.2 | 596.9 | 596.8 |
| 177.5° | 597.0 | 596.9 | 596.8 | 596.7 | 596.6 | 596.6 | 597.0 | 597.5 | 598.0 | 598.5 | 598.5 |
| 180° | 597.7 | 597.7 | 597.7 | 597.7 | 597.7 | 597.7 | 597.7 | 597.7 | 597.7 | 597.7 | 597.7 |



TEST NUMBER: P333527-930

CATALOG NUMBER: S125RDIP-S610D590U930-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 754.5 | 754.5 | 754.5 | 754.5 | 754.5 | 754.5 | 754.5 | 754.5 | 754.5 | 754.5 | 754.5 |
| 2.5° | 722.8 | 720.0 | 719.3 | 720.2 | 719.3 | 720.0 | 722.8 | 723.0 | 723.3 | 725.2 | 722.5 |
| 5° | 666.8 | 663.7 | 665.3 | 664.6 | 665.3 | 663.7 | 666.8 | 669.9 | 670.5 | 673.3 | 675.1 |
| 7.5° | 617.6 | 613.8 | 609.7 | 611.0 | 609.7 | 613.8 | 617.6 | 617.7 | 622.5 | 626.1 | 628.5 |
| 10° | 583.2 | 580.1 | 578.2 | 579.8 | 578.2 | 580.1 | 583.2 | 587.2 | 589.1 | 593.4 | 598.0 |
| 12.5° | 554.2 | 552.4 | 550.7 | 550.1 | 550.7 | 552.4 | 554.2 | 558.5 | 562.8 | 567.9 | 573.0 |
| 15° | 514.7 | 511.0 | 509.5 | 505.5 | 509.5 | 511.0 | 514.7 | 518.4 | 526.8 | 529.0 | 536.7 |
| 17.5° | 478.3 | 477.1 | 473.1 | 471.4 | 473.1 | 477.1 | 478.3 | 481.5 | 485.3 | 493.3 | 499.2 |
| 20° | 456.8 | 455.6 | 451.6 | 454.0 | 451.6 | 455.6 | 456.8 | 461.5 | 464.6 | 471.1 | 476.6 |
| 22.5° | 439.0 | 436.3 | 435.0 | 434.2 | 435.0 | 436.3 | 439.0 | 441.2 | 445.2 | 451.3 | 457.5 |
| 25° | 413.8 | 409.8 | 408.2 | 406.3 | 408.2 | 409.8 | 413.8 | 415.0 | 419.3 | 425.3 | 428.6 |
| 27.5° | 388.7 | 386.5 | 384.4 | 383.9 | 384.4 | 386.5 | 388.7 | 390.4 | 394.1 | 399.3 | 405.4 |
| 30° | 372.3 | 370.1 | 368.5 | 368.5 | 368.5 | 370.1 | 372.3 | 376.0 | 378.8 | 383.4 | 388.1 |
| 32.5° | 357.7 | 356.0 | 354.4 | 354.2 | 354.4 | 356.0 | 357.7 | 359.6 | 362.9 | 368.0 | 372.9 |
| 35° | 336.3 | 333.9 | 333.2 | 331.4 | 333.2 | 333.9 | 336.3 | 337.9 | 341.3 | 345.0 | 349.0 |
| 37.5° | 314.2 | 312.2 | 312.1 | 311.9 | 312.1 | 312.2 | 314.2 | 317.0 | 319.8 | 323.2 | 328.1 |
| 40° | 300.1 | 298.6 | 298.2 | 296.1 | 298.2 | 298.6 | 300.1 | 301.3 | 304.4 | 308.8 | 312.5 |
| 42.5° | 285.0 | 284.2 | 283.2 | 282.2 | 283.2 | 284.2 | 285.0 | 287.5 | 290.1 | 293.2 | 297.9 |
| 45° | 264.5 | 262.4 | 262.4 | 260.8 | 262.4 | 262.4 | 264.5 | 266.7 | 267.9 | 271.6 | 277.8 |
| 47.5° | 243.3 | 241.7 | 241.8 | 240.2 | 241.8 | 241.7 | 243.3 | 244.0 | 246.0 | 249.6 | 253.1 |
| 50° | 229.2 | 228.3 | 228.0 | 227.3 | 228.0 | 228.3 | 229.2 | 228.9 | 231.4 | 234.7 | 239.4 |
| 52.5° | 215.1 | 214.7 | 215.8 | 214.4 | 215.8 | 214.7 | 215.1 | 215.7 | 217.4 | 219.6 | 224.0 |
| 55° | 196.1 | 195.1 | 197.0 | 195.1 | 197.0 | 195.1 | 196.1 | 195.4 | 196.1 | 198.2 | 201.0 |
| 57.5° | 174.1 | 173.3 | 175.0 | 174.1 | 175.0 | 173.3 | 174.1 | 174.3 | 176.2 | 176.5 | 179.0 |
| 60° | 159.8 | 157.9 | 158.9 | 159.2 | 158.9 | 157.9 | 159.8 | 160.5 | 161.0 | 161.3 | 163.9 |
| 62.5° | 142.7 | 141.6 | 142.3 | 140.9 | 142.3 | 141.6 | 142.7 | 144.1 | 145.4 | 147.0 | 148.5 |
| 65° | 118.6 | 117.7 | 116.4 | 115.9 | 116.4 | 117.7 | 118.6 | 119.3 | 122.6 | 124.5 | 127.9 |
| 67.5° | 99.6 | 97.4 | 97.3 | 97.8 | 97.3 | 97.4 | 99.6 | 99.5 | 102.0 | 103.5 | 105.8 |
| 70° | 85.8 | 85.8 | 85.4 | 85.4 | 85.4 | 85.8 | 85.8 | 87.6 | 88.9 | 90.1 | 91.6 |
| 72.5° | 76.1 | 75.9 | 75.3 | 75.1 | 75.3 | 75.9 | 76.1 | 76.7 | 77.5 | 78.8 | 80.3 |
| 75° | 61.3 | 61.6 | 61.0 | 60.7 | 61.0 | 61.6 | 61.3 | 61.3 | 62.5 | 62.9 | 63.5 |
| 77.5° | 45.2 | 43.9 | 44.7 | 43.9 | 44.7 | 43.9 | 45.2 | 46.6 | 47.0 | 48.3 | 48.3 |
| 80° | 34.4 | 34.1 | 35.0 | 34.1 | 35.0 | 34.1 | 34.4 | 34.4 | 35.3 | 36.0 | 37.5 |
| 82.5° | 27.2 | 26.9 | 27.3 | 26.7 | 27.3 | 26.9 | 27.2 | 26.9 | 27.4 | 28.2 | 28.0 |
| 85° | 16.4 | 16.1 | 15.8 | 16.1 | 15.8 | 16.1 | 16.4 | 16.1 | 15.8 | 16.1 | 16.4 |
| 87.5° | 7.7 | 7.6 | 7.6 | 7.7 | 7.6 | 7.6 | 7.7 | 7.4 | 7.6 | 7.5 | 7.4 |
| 90° | 10.3 | 10.5 | 10.8 | 11.2 | 10.8 | 10.5 | 10.3 | 9.9 | 9.5 | 9.0 | 8.5 |
| 92.5° | 21.3 | 21.5 | 21.7 | 21.9 | 21.7 | 21.5 | 21.3 | 21.0 | 20.6 | 19.9 | 19.2 |
| 95° | 39.4 | 39.6 | 39.8 | 40.0 | 39.8 | 39.6 | 39.4 | 39.1 | 38.7 | 38.0 | 37.3 |
| 97.5° | 60.3 | 60.4 | 60.5 | 60.7 | 60.5 | 60.4 | 60.3 | 60.2 | 59.8 | 59.1 | 58.4 |
| 100° | 75.7 | 75.9 | 76.1 | 76.3 | 76.1 | 75.9 | 75.7 | 75.4 | 74.8 | 73.9 | 73.1 |
| 102.5° | 91.1 | 91.3 | 91.6 | 91.9 | 91.6 | 91.3 | 91.1 | 90.7 | 90.1 | 89.1 | 88.1 |
| 105° | 114.4 | 114.7 | 115.0 | 115.4 | 115.0 | 114.7 | 114.4 | 114.1 | 113.7 | 113.0 | 112.4 |
| 107.5° | 139.4 | 139.4 | 139.3 | 139.3 | 139.3 | 139.4 | 139.4 | 139.4 | 139.3 | 139.0 | 138.7 |
| 110° | 157.5 | 157.4 | 157.3 | 157.2 | 157.3 | 157.4 | 157.5 | 157.6 | 157.5 | 157.2 | 156.9 |



TEST NUMBER: P333527-930

CATALOG NUMBER: S125RDIP-S610D590U930-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 175.3 | 175.0 | 174.9 | 174.7 | 174.9 | 175.0 | 175.3 | 175.5 | 175.5 | 175.3 | 175.2 |
| 115° | 202.6 | 202.5 | 202.4 | 202.4 | 202.4 | 202.5 | 202.6 | 202.8 | 202.8 | 202.9 | 203.0 |
| 117.5° | 230.6 | 230.2 | 229.8 | 229.3 | 229.8 | 230.2 | 230.6 | 231.0 | 231.1 | 231.1 | 231.0 |
| 120° | 249.2 | 248.7 | 248.3 | 247.9 | 248.3 | 248.7 | 249.2 | 249.6 | 249.7 | 249.7 | 249.7 |
| 122.5° | 267.5 | 267.2 | 266.8 | 266.5 | 266.8 | 267.2 | 267.5 | 267.8 | 268.1 | 268.2 | 268.2 |
| 125° | 294.7 | 294.6 | 294.5 | 294.4 | 294.5 | 294.6 | 294.7 | 294.8 | 295.0 | 295.2 | 295.4 |
| 127.5° | 321.8 | 321.6 | 321.4 | 321.2 | 321.4 | 321.6 | 321.8 | 322.0 | 322.2 | 322.3 | 322.4 |
| 130° | 339.7 | 339.5 | 339.2 | 339.1 | 339.2 | 339.5 | 339.7 | 339.9 | 340.1 | 340.1 | 340.2 |
| 132.5° | 356.7 | 356.4 | 356.1 | 355.8 | 356.1 | 356.4 | 356.7 | 356.9 | 357.2 | 357.3 | 357.3 |
| 135° | 383.1 | 382.7 | 382.3 | 381.9 | 382.3 | 382.7 | 383.1 | 383.5 | 383.7 | 383.7 | 383.7 |
| 137.5° | 408.9 | 408.4 | 407.9 | 407.3 | 407.9 | 408.4 | 408.9 | 409.4 | 409.6 | 409.4 | 409.4 |
| 140° | 425.3 | 424.8 | 424.2 | 423.7 | 424.2 | 424.8 | 425.3 | 425.7 | 425.9 | 425.7 | 425.5 |
| 142.5° | 440.9 | 440.3 | 439.9 | 439.4 | 439.9 | 440.3 | 440.9 | 441.4 | 441.6 | 441.5 | 441.3 |
| 145° | 463.7 | 463.4 | 463.1 | 462.8 | 463.1 | 463.4 | 463.7 | 464.0 | 464.1 | 464.1 | 464.1 |
| 147.5° | 484.9 | 484.2 | 483.5 | 482.8 | 483.5 | 484.2 | 484.9 | 485.6 | 485.8 | 485.6 | 485.3 |
| 150° | 498.3 | 498.1 | 497.9 | 497.7 | 497.9 | 498.1 | 498.3 | 498.5 | 498.6 | 498.6 | 498.6 |
| 152.5° | 511.0 | 510.7 | 510.3 | 510.0 | 510.3 | 510.7 | 511.0 | 511.4 | 511.5 | 511.3 | 511.0 |
| 155° | 529.0 | 528.5 | 527.9 | 527.4 | 527.9 | 528.5 | 529.0 | 529.5 | 529.5 | 529.1 | 528.7 |
| 157.5° | 544.0 | 543.4 | 542.7 | 542.0 | 542.7 | 543.4 | 544.0 | 544.8 | 544.9 | 544.5 | 544.0 |
| 160° | 553.7 | 553.1 | 552.6 | 552.1 | 552.6 | 553.1 | 553.7 | 554.2 | 554.2 | 553.8 | 553.3 |
| 162.5° | 562.5 | 561.8 | 561.3 | 560.6 | 561.3 | 561.8 | 562.5 | 563.0 | 563.1 | 562.6 | 562.1 |
| 165° | 574.0 | 573.3 | 572.7 | 572.1 | 572.7 | 573.3 | 574.0 | 574.5 | 574.7 | 574.2 | 573.8 |
| 167.5° | 583.1 | 582.4 | 581.8 | 581.2 | 581.8 | 582.4 | 583.1 | 583.8 | 583.8 | 583.2 | 582.5 |
| 170° | 588.2 | 587.5 | 586.8 | 586.0 | 586.8 | 587.5 | 588.2 | 588.9 | 589.0 | 588.3 | 587.7 |
| 172.5° | 592.1 | 591.4 | 590.8 | 590.1 | 590.8 | 591.4 | 592.1 | 592.7 | 592.7 | 592.1 | 591.5 |
| 175° | 596.1 | 595.4 | 594.7 | 593.9 | 594.7 | 595.4 | 596.1 | 596.8 | 596.9 | 596.2 | 595.7 |
| 177.5° | 597.9 | 597.4 | 596.7 | 596.1 | 596.7 | 597.4 | 597.9 | 598.5 | 598.5 | 598.0 | 597.5 |
| 180° | 597.7 | 597.7 | 597.7 | 597.7 | 597.7 | 597.7 | 597.7 | 597.7 | 597.7 | 597.7 | 597.7 |



TEST NUMBER: P333527-930

CATALOG NUMBER: S125RDIP-S610D590U930-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 754.5 | 754.5 | 754.5 | 754.5 | 754.5 | 754.5 | 754.5 | 754.5 | 754.5 | 754.5 | 754.5 |
| 2.5° | 723.3 | 725.9 | 727.4 | 730.9 | 735.9 | 738.3 | 741.8 | 744.3 | 747.8 | 752.0 | 755.5 |
| 5° | 676.4 | 683.9 | 688.8 | 696.5 | 703.7 | 710.8 | 719.7 | 726.3 | 734.9 | 744.9 | 752.6 |
| 7.5° | 632.9 | 642.2 | 650.4 | 660.6 | 672.5 | 681.6 | 693.3 | 705.2 | 718.8 | 732.9 | 746.2 |
| 10° | 605.2 | 614.5 | 624.7 | 637.4 | 649.1 | 661.5 | 675.5 | 689.4 | 706.5 | 722.3 | 740.2 |
| 12.5° | 577.6 | 587.9 | 599.4 | 613.6 | 627.9 | 643.7 | 657.9 | 673.5 | 691.9 | 712.3 | 731.6 |
| 15° | 543.6 | 553.4 | 565.8 | 577.9 | 594.4 | 611.6 | 630.6 | 651.3 | 671.7 | 694.7 | 718.5 |
| 17.5° | 507.0 | 517.8 | 531.5 | 545.4 | 562.7 | 583.0 | 601.6 | 624.3 | 647.3 | 674.0 | 702.1 |
| 20° | 483.1 | 494.3 | 510.4 | 525.9 | 541.7 | 561.5 | 583.5 | 606.7 | 631.2 | 659.3 | 690.6 |
| 22.5° | 464.3 | 472.2 | 488.1 | 503.9 | 522.4 | 542.7 | 564.2 | 588.4 | 615.1 | 644.2 | 677.0 |
| 25° | 436.3 | 445.6 | 457.1 | 473.5 | 492.8 | 514.1 | 535.8 | 561.5 | 590.6 | 620.4 | 655.3 |
| 27.5° | 411.6 | 419.1 | 430.5 | 443.4 | 462.5 | 484.7 | 507.8 | 534.6 | 564.4 | 594.7 | 631.5 |
| 30° | 394.0 | 402.4 | 413.1 | 426.8 | 442.0 | 466.1 | 489.7 | 516.0 | 546.3 | 577.6 | 615.4 |
| 32.5° | 378.6 | 387.2 | 396.6 | 409.4 | 425.8 | 447.3 | 471.6 | 497.4 | 528.2 | 560.5 | 597.3 |
| 35° | 357.1 | 363.0 | 371.6 | 384.3 | 400.5 | 417.8 | 442.5 | 469.9 | 499.9 | 533.3 | 570.1 |
| 37.5° | 332.5 | 340.1 | 348.7 | 359.7 | 373.8 | 392.6 | 415.6 | 443.2 | 471.1 | 503.1 | 536.7 |
| 40° | 318.0 | 325.2 | 334.8 | 342.8 | 357.8 | 374.7 | 395.8 | 424.6 | 452.5 | 482.5 | 513.1 |
| 42.5° | 303.5 | 310.3 | 318.5 | 328.5 | 341.9 | 358.4 | 378.0 | 404.8 | 434.6 | 462.9 | 488.7 |
| 45° | 280.6 | 287.7 | 295.5 | 304.8 | 317.2 | 333.2 | 352.8 | 377.2 | 403.2 | 429.3 | 448.7 |
| 47.5° | 258.7 | 265.4 | 272.7 | 282.3 | 293.7 | 309.2 | 326.7 | 348.3 | 373.6 | 395.7 | 409.6 |
| 50° | 243.1 | 249.3 | 257.4 | 266.7 | 277.8 | 292.4 | 309.1 | 330.4 | 351.6 | 371.6 | 384.3 |
| 52.5° | 227.8 | 234.7 | 242.7 | 250.8 | 261.5 | 276.0 | 291.5 | 309.9 | 330.0 | 346.3 | 356.9 |
| 55° | 204.7 | 211.2 | 218.7 | 227.0 | 237.6 | 250.0 | 266.4 | 280.9 | 296.7 | 310.6 | 316.8 |
| 57.5° | 182.5 | 188.2 | 195.2 | 203.8 | 213.4 | 224.9 | 237.8 | 251.8 | 263.0 | 272.9 | 279.9 |
| 60° | 167.9 | 172.8 | 179.3 | 186.8 | 197.0 | 207.5 | 219.2 | 232.3 | 240.9 | 249.3 | 255.8 |
| 62.5° | 153.0 | 157.7 | 164.0 | 170.6 | 179.6 | 189.4 | 200.7 | 211.2 | 219.6 | 225.3 | 232.8 |
| 65° | 130.7 | 135.3 | 140.6 | 147.7 | 154.8 | 162.9 | 173.1 | 180.8 | 186.8 | 193.0 | 197.6 |
| 67.5° | 110.0 | 113.8 | 118.8 | 124.4 | 130.4 | 138.1 | 146.0 | 152.5 | 156.5 | 160.2 | 165.8 |
| 70° | 96.3 | 99.4 | 103.5 | 107.8 | 114.3 | 122.1 | 128.2 | 133.1 | 136.0 | 139.7 | 146.5 |
| 72.5° | 82.4 | 86.0 | 89.8 | 94.2 | 99.4 | 105.9 | 111.4 | 116.3 | 118.1 | 121.1 | 125.4 |
| 75° | 65.1 | 66.9 | 70.0 | 73.1 | 76.8 | 82.3 | 87.6 | 88.9 | 90.4 | 92.9 | 96.0 |
| 77.5° | 49.2 | 50.9 | 52.1 | 54.1 | 57.1 | 61.6 | 64.3 | 66.2 | 66.6 | 67.5 | 70.5 |
| 80° | 39.1 | 39.9 | 41.2 | 42.7 | 43.9 | 47.7 | 49.2 | 51.1 | 51.7 | 52.7 | 54.2 |
| 82.5° | 28.6 | 29.5 | 30.3 | 31.6 | 33.6 | 35.1 | 36.6 | 38.5 | 38.6 | 39.3 | 39.5 |
| 85° | 16.7 | 17.0 | 16.4 | 17.0 | 17.4 | 17.9 | 19.5 | 21.0 | 20.8 | 20.5 | 21.4 |
| 87.5° | 7.5 | 7.4 | 7.0 | 7.7 | 7.0 | 7.1 | 6.9 | 7.0 | 7.3 | 7.7 | 8.0 |
| 90° | 8.0 | 7.4 | 6.7 | 6.0 | 5.3 | 4.6 | 3.8 | 2.9 | 2.1 | 1.3 | 0.5 |
| 92.5° | 18.5 | 17.9 | 17.0 | 16.1 | 15.2 | 14.3 | 13.5 | 13.0 | 12.4 | 11.8 | 11.3 |
| 95° | 36.5 | 35.8 | 34.8 | 33.8 | 32.7 | 31.7 | 31.1 | 30.8 | 30.7 | 30.4 | 30.2 |
| 97.5° | 57.7 | 57.0 | 55.6 | 54.1 | 52.7 | 51.3 | 50.5 | 50.5 | 50.4 | 50.3 | 50.2 |
| 100° | 72.1 | 71.2 | 69.8 | 68.5 | 67.1 | 65.8 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 |
| 102.5° | 87.1 | 86.0 | 85.4 | 84.7 | 84.0 | 83.3 | 82.8 | 82.3 | 81.9 | 81.5 | 81.1 |
| 105° | 111.8 | 111.1 | 110.6 | 109.9 | 109.3 | 108.7 | 108.1 | 107.6 | 107.0 | 106.6 | 106.1 |
| 107.5° | 138.4 | 138.0 | 137.5 | 137.1 | 136.6 | 136.2 | 135.7 | 135.1 | 134.6 | 134.1 | 133.5 |
| 110° | 156.6 | 156.3 | 156.0 | 155.6 | 155.3 | 155.1 | 154.7 | 154.1 | 153.6 | 153.0 | 152.5 |



TEST NUMBER: P333527-930

CATALOG NUMBER: S125RDIP-S610D590U930-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 175.0 | 174.9 | 174.5 | 174.1 | 173.7 | 173.3 | 173.0 | 172.7 | 172.4 | 172.2 | 171.9 |
| 115° | 203.2 | 203.3 | 203.0 | 202.8 | 202.6 | 202.4 | 202.1 | 201.7 | 201.3 | 200.9 | 200.5 |
| 117.5° | 230.9 | 230.8 | 230.6 | 230.4 | 230.2 | 230.1 | 229.8 | 229.7 | 229.5 | 229.3 | 229.1 |
| 120° | 249.7 | 249.7 | 249.6 | 249.6 | 249.5 | 249.3 | 249.1 | 248.5 | 248.0 | 247.5 | 247.0 |
| 122.5° | 268.3 | 268.4 | 268.1 | 267.8 | 267.6 | 267.3 | 267.1 | 266.8 | 266.7 | 266.5 | 266.4 |
| 125° | 295.6 | 295.8 | 295.7 | 295.6 | 295.5 | 295.4 | 295.1 | 294.4 | 293.8 | 293.2 | 292.5 |
| 127.5° | 322.5 | 322.6 | 322.5 | 322.4 | 322.2 | 322.1 | 321.9 | 321.5 | 321.1 | 320.8 | 320.5 |
| 130° | 340.4 | 340.5 | 340.2 | 340.1 | 339.8 | 339.7 | 339.2 | 338.8 | 338.3 | 337.7 | 337.2 |
| 132.5° | 357.5 | 357.6 | 357.6 | 357.7 | 357.7 | 357.8 | 357.3 | 356.4 | 355.6 | 354.8 | 353.9 |
| 135° | 383.7 | 383.7 | 383.6 | 383.5 | 383.4 | 383.3 | 382.9 | 382.3 | 381.7 | 381.1 | 380.4 |
| 137.5° | 409.2 | 409.1 | 408.9 | 408.6 | 408.5 | 408.2 | 407.8 | 407.2 | 406.6 | 406.0 | 405.4 |
| 140° | 425.3 | 425.1 | 424.8 | 424.5 | 424.2 | 423.9 | 423.5 | 422.9 | 422.4 | 421.9 | 421.3 |
| 142.5° | 441.2 | 441.1 | 440.8 | 440.3 | 439.9 | 439.5 | 439.1 | 438.7 | 438.2 | 437.8 | 437.4 |
| 145° | 464.1 | 464.1 | 463.9 | 463.6 | 463.3 | 462.9 | 462.6 | 462.2 | 461.8 | 461.3 | 460.9 |
| 147.5° | 485.1 | 484.9 | 484.6 | 484.4 | 484.0 | 483.8 | 483.6 | 483.4 | 483.1 | 482.9 | 482.7 |
| 150° | 498.6 | 498.6 | 498.1 | 497.7 | 497.3 | 496.9 | 496.8 | 496.9 | 497.0 | 497.1 | 497.2 |
| 152.5° | 510.8 | 510.5 | 510.3 | 510.1 | 510.0 | 509.8 | 509.6 | 509.6 | 509.4 | 509.2 | 509.1 |
| 155° | 528.3 | 527.9 | 527.8 | 527.7 | 527.6 | 527.5 | 527.4 | 527.4 | 527.4 | 527.4 | 527.4 |
| 157.5° | 543.6 | 543.2 | 543.2 | 543.1 | 542.9 | 542.8 | 542.9 | 543.2 | 543.3 | 543.6 | 543.8 |
| 160° | 552.9 | 552.5 | 552.4 | 552.4 | 552.2 | 552.1 | 552.2 | 552.5 | 552.9 | 553.2 | 553.5 |
| 162.5° | 561.6 | 561.1 | 561.1 | 561.1 | 561.0 | 561.0 | 561.1 | 561.3 | 561.6 | 561.8 | 562.1 |
| 165° | 573.4 | 573.0 | 572.9 | 572.8 | 572.7 | 572.6 | 572.7 | 572.8 | 573.1 | 573.2 | 573.5 |
| 167.5° | 581.9 | 581.3 | 581.3 | 581.3 | 581.3 | 581.3 | 581.5 | 581.9 | 582.3 | 582.8 | 583.2 |
| 170° | 587.1 | 586.5 | 586.5 | 586.5 | 586.5 | 586.5 | 586.7 | 587.1 | 587.5 | 587.9 | 588.3 |
| 172.5° | 590.8 | 590.2 | 590.2 | 590.2 | 590.2 | 590.2 | 590.4 | 590.8 | 591.3 | 591.7 | 592.1 |
| 175° | 595.0 | 594.4 | 594.4 | 594.4 | 594.4 | 594.4 | 594.6 | 595.0 | 595.4 | 595.8 | 596.2 |
| 177.5° | 597.0 | 596.6 | 596.6 | 596.7 | 596.8 | 596.9 | 597.0 | 597.5 | 597.8 | 598.1 | 598.4 |
| 180° | 597.7 | 597.7 | 597.7 | 597.7 | 597.7 | 597.7 | 597.7 | 597.7 | 597.7 | 597.7 | 597.7 |



TEST NUMBER: P333527-930

CATALOG NUMBER: S125RDIP-S610D590U930-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|
| 0° | 754.5 | 754.5 | 754.5 | 754.5 | 754.5 | 754.5 | 754.5 | 754.5 | 754.5 | 754.5 | 754.5 |
| 2.5° | 758.1 | 760.4 | 763.6 | 767.4 | 770.3 | 773.6 | 775.3 | 775.3 | 776.7 | 780.0 | 784.2 |
| 5° | 760.3 | 768.4 | 776.2 | 786.0 | 793.8 | 802.7 | 809.6 | 816.1 | 822.0 | 829.4 | 837.1 |
| 7.5° | 759.7 | 773.1 | 787.0 | 802.7 | 819.9 | 833.6 | 847.6 | 858.7 | 869.5 | 883.8 | 895.0 |
| 10° | 757.2 | 774.6 | 793.4 | 813.3 | 834.9 | 853.9 | 870.9 | 886.4 | 901.2 | 916.7 | 930.7 |
| 12.5° | 752.8 | 774.9 | 797.9 | 821.7 | 849.1 | 870.7 | 892.7 | 909.2 | 926.5 | 943.5 | 960.7 |
| 15° | 746.1 | 772.1 | 800.0 | 833.2 | 866.6 | 890.7 | 912.4 | 933.8 | 949.9 | 969.1 | 985.5 |
| 17.5° | 732.3 | 765.8 | 800.9 | 837.1 | 869.2 | 897.3 | 920.0 | 940.4 | 957.5 | 978.6 | 1000.9 |
| 20° | 724.1 | 760.3 | 796.9 | 835.6 | 866.3 | 895.0 | 917.0 | 938.1 | 959.4 | 987.1 | 1014.3 |
| 22.5° | 712.7 | 751.4 | 790.2 | 827.0 | 859.3 | 887.1 | 909.9 | 935.6 | 963.7 | 995.0 | 1027.9 |
| 25° | 694.7 | 734.7 | 773.1 | 808.0 | 839.6 | 868.1 | 899.1 | 933.8 | 967.8 | 1009.0 | 1056.4 |
| 27.5° | 671.8 | 710.4 | 744.6 | 781.5 | 813.0 | 849.2 | 887.9 | 925.4 | 974.6 | 1031.3 | 1090.5 |
| 30° | 654.7 | 691.3 | 723.8 | 758.8 | 794.4 | 834.4 | 877.8 | 922.0 | 980.6 | 1047.1 | 1117.4 |
| 32.5° | 634.9 | 668.0 | 700.3 | 734.0 | 775.1 | 819.0 | 865.1 | 919.2 | 989.2 | 1064.9 | 1137.8 |
| 35° | 600.5 | 630.2 | 661.5 | 699.0 | 742.7 | 790.4 | 849.2 | 915.2 | 999.7 | 1081.2 | 1146.6 |
| 37.5° | 564.5 | 587.9 | 619.4 | 658.8 | 706.5 | 761.7 | 828.4 | 908.6 | 995.4 | 1068.5 | 1096.3 |
| 40° | 536.7 | 558.7 | 591.8 | 633.3 | 680.4 | 740.9 | 815.8 | 898.1 | 985.5 | 1036.2 | 1034.1 |
| 42.5° | 509.2 | 531.5 | 563.4 | 605.1 | 654.2 | 721.8 | 798.9 | 884.5 | 958.2 | 977.5 | 937.3 |
| 45° | 467.0 | 487.8 | 519.1 | 561.2 | 613.8 | 684.8 | 765.9 | 848.0 | 895.0 | 863.8 | 783.9 |
| 47.5° | 424.0 | 444.2 | 473.2 | 514.5 | 571.9 | 646.2 | 722.9 | 790.3 | 796.9 | 729.7 | 633.8 |
| 50° | 395.8 | 414.7 | 442.3 | 486.2 | 542.0 | 614.5 | 688.5 | 741.4 | 725.0 | 642.9 | 544.1 |
| 52.5° | 368.3 | 386.5 | 412.3 | 453.8 | 510.8 | 581.8 | 647.8 | 689.4 | 651.4 | 564.2 | 475.3 |
| 55° | 327.7 | 345.0 | 371.0 | 409.1 | 460.8 | 525.9 | 583.8 | 599.0 | 543.2 | 455.3 | 383.4 |
| 57.5° | 289.1 | 301.7 | 327.5 | 361.2 | 411.1 | 468.4 | 509.9 | 507.2 | 445.6 | 366.5 | 315.0 |
| 60° | 263.6 | 275.0 | 299.5 | 330.4 | 377.8 | 429.3 | 458.4 | 446.0 | 383.8 | 318.4 | 268.8 |
| 62.5° | 239.8 | 250.5 | 271.0 | 299.5 | 340.2 | 384.9 | 406.1 | 389.0 | 330.2 | 272.8 | 233.4 |
| 65° | 203.8 | 211.6 | 228.0 | 254.3 | 286.2 | 317.2 | 336.1 | 311.0 | 258.9 | 215.6 | 185.8 |
| 67.5° | 170.2 | 176.8 | 191.4 | 210.3 | 232.4 | 253.7 | 261.4 | 237.8 | 197.4 | 168.2 | 147.2 |
| 70° | 148.4 | 154.6 | 164.4 | 182.1 | 196.7 | 211.8 | 215.6 | 194.5 | 160.8 | 138.4 | 125.4 |
| 72.5° | 127.5 | 133.2 | 141.9 | 154.3 | 164.4 | 173.2 | 175.0 | 155.3 | 129.6 | 114.1 | 104.1 |
| 75° | 97.3 | 102.2 | 107.8 | 112.4 | 119.0 | 120.5 | 119.8 | 104.7 | 90.7 | 80.6 | 74.9 |
| 77.5° | 71.5 | 73.5 | 77.0 | 78.8 | 79.1 | 79.0 | 75.8 | 66.2 | 59.0 | 54.8 | 52.5 |
| 80° | 55.1 | 56.7 | 57.6 | 58.2 | 58.5 | 55.4 | 52.0 | 46.1 | 43.7 | 41.2 | 38.4 |
| 82.5° | 40.0 | 41.1 | 42.0 | 42.2 | 40.4 | 37.8 | 34.7 | 31.8 | 30.0 | 28.8 | 27.7 |
| 85° | 21.7 | 22.0 | 21.7 | 20.1 | 17.9 | 17.0 | 16.4 | 15.8 | 15.5 | 15.2 | 15.2 |
| 87.5° | 7.9 | 7.3 | 6.3 | 6.7 | 6.8 | 6.8 | 6.9 | 6.8 | 6.7 | 6.8 | 6.9 |
| 90° | 1.3 | 2.1 | 2.9 | 3.8 | 4.6 | 5.3 | 6.0 | 6.7 | 7.4 | 8.0 | 8.5 |
| 92.5° | 11.8 | 12.4 | 13.0 | 13.5 | 14.3 | 15.2 | 16.1 | 17.0 | 17.9 | 18.5 | 19.2 |
| 95° | 30.4 | 30.7 | 30.8 | 31.1 | 31.7 | 32.7 | 33.8 | 34.8 | 35.8 | 36.5 | 37.3 |
| 97.5° | 50.3 | 50.4 | 50.5 | 50.5 | 51.3 | 52.7 | 54.1 | 55.6 | 57.0 | 57.7 | 58.4 |
| 100° | 65.1 | 65.1 | 65.1 | 65.1 | 65.8 | 67.1 | 68.5 | 69.8 | 71.2 | 72.1 | 73.1 |
| 102.5° | 81.5 | 81.9 | 82.3 | 82.8 | 83.3 | 84.0 | 84.7 | 85.4 | 86.0 | 87.1 | 88.1 |
| 105° | 106.6 | 107.0 | 107.6 | 108.1 | 108.7 | 109.3 | 109.9 | 110.6 | 111.1 | 111.8 | 112.4 |
| 107.5° | 134.1 | 134.6 | 135.1 | 135.7 | 136.2 | 136.6 | 137.1 | 137.5 | 138.0 | 138.4 | 138.7 |
| 110° | 153.0 | 153.6 | 154.1 | 154.7 | 155.1 | 155.3 | 155.6 | 156.0 | 156.3 | 156.6 | 156.9 |



TEST NUMBER: P333527-930

CATALOG NUMBER: S125RDIP-S610D590U930-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 172.2 | 172.4 | 172.7 | 173.0 | 173.3 | 173.7 | 174.1 | 174.5 | 174.9 | 175.0 | 175.2 |
| 115° | 200.9 | 201.3 | 201.7 | 202.1 | 202.4 | 202.6 | 202.8 | 203.0 | 203.3 | 203.2 | 203.0 |
| 117.5° | 229.3 | 229.5 | 229.7 | 229.8 | 230.1 | 230.2 | 230.4 | 230.6 | 230.8 | 230.9 | 231.0 |
| 120° | 247.5 | 248.0 | 248.5 | 249.1 | 249.3 | 249.5 | 249.6 | 249.6 | 249.7 | 249.7 | 249.7 |
| 122.5° | 266.5 | 266.7 | 266.8 | 267.1 | 267.3 | 267.6 | 267.8 | 268.1 | 268.4 | 268.3 | 268.2 |
| 125° | 293.2 | 293.8 | 294.4 | 295.1 | 295.4 | 295.5 | 295.6 | 295.7 | 295.8 | 295.6 | 295.4 |
| 127.5° | 320.8 | 321.1 | 321.5 | 321.9 | 322.1 | 322.2 | 322.4 | 322.5 | 322.6 | 322.5 | 322.4 |
| 130° | 337.7 | 338.3 | 338.8 | 339.2 | 339.7 | 339.8 | 340.1 | 340.2 | 340.5 | 340.4 | 340.2 |
| 132.5° | 354.8 | 355.6 | 356.4 | 357.3 | 357.8 | 357.7 | 357.7 | 357.6 | 357.6 | 357.5 | 357.3 |
| 135° | 381.1 | 381.7 | 382.3 | 382.9 | 383.3 | 383.4 | 383.5 | 383.6 | 383.7 | 383.7 | 383.7 |
| 137.5° | 406.0 | 406.6 | 407.2 | 407.8 | 408.2 | 408.5 | 408.6 | 408.9 | 409.1 | 409.2 | 409.4 |
| 140° | 421.9 | 422.4 | 422.9 | 423.5 | 423.9 | 424.2 | 424.5 | 424.8 | 425.1 | 425.3 | 425.5 |
| 142.5° | 437.8 | 438.2 | 438.7 | 439.1 | 439.5 | 439.9 | 440.3 | 440.8 | 441.1 | 441.2 | 441.3 |
| 145° | 461.3 | 461.8 | 462.2 | 462.6 | 462.9 | 463.3 | 463.6 | 463.9 | 464.1 | 464.1 | 464.1 |
| 147.5° | 482.9 | 483.1 | 483.4 | 483.6 | 483.8 | 484.0 | 484.4 | 484.6 | 484.9 | 485.1 | 485.3 |
| 150° | 497.1 | 497.0 | 496.9 | 496.8 | 496.9 | 497.3 | 497.7 | 498.1 | 498.6 | 498.6 | 498.6 |
| 152.5° | 509.2 | 509.4 | 509.6 | 509.6 | 509.8 | 510.0 | 510.1 | 510.3 | 510.5 | 510.8 | 511.0 |
| 155° | 527.4 | 527.4 | 527.4 | 527.4 | 527.5 | 527.6 | 527.7 | 527.8 | 527.9 | 528.3 | 528.7 |
| 157.5° | 543.6 | 543.3 | 543.2 | 542.9 | 542.8 | 542.9 | 543.1 | 543.2 | 543.2 | 543.6 | 544.0 |
| 160° | 553.2 | 552.9 | 552.5 | 552.2 | 552.1 | 552.2 | 552.4 | 552.4 | 552.5 | 552.9 | 553.3 |
| 162.5° | 561.8 | 561.6 | 561.3 | 561.1 | 561.0 | 561.0 | 561.1 | 561.1 | 561.1 | 561.6 | 562.1 |
| 165° | 573.2 | 573.1 | 572.8 | 572.7 | 572.6 | 572.7 | 572.8 | 572.9 | 573.0 | 573.4 | 573.8 |
| 167.5° | 582.8 | 582.3 | 581.9 | 581.5 | 581.3 | 581.3 | 581.3 | 581.3 | 581.3 | 581.9 | 582.5 |
| 170° | 587.9 | 587.5 | 587.1 | 586.7 | 586.5 | 586.5 | 586.5 | 586.5 | 586.5 | 587.1 | 587.7 |
| 172.5° | 591.7 | 591.3 | 590.8 | 590.4 | 590.2 | 590.2 | 590.2 | 590.2 | 590.2 | 590.8 | 591.5 |
| 175° | 595.8 | 595.4 | 595.0 | 594.6 | 594.4 | 594.4 | 594.4 | 594.4 | 594.4 | 595.0 | 595.7 |
| 177.5° | 598.1 | 597.8 | 597.5 | 597.0 | 596.9 | 596.8 | 596.7 | 596.6 | 596.6 | 597.0 | 597.5 |
| 180° | 597.7 | 597.7 | 597.7 | 597.7 | 597.7 | 597.7 | 597.7 | 597.7 | 597.7 | 597.7 | 597.7 |



TEST NUMBER: P333527-930

CATALOG NUMBER: S125RDIP-S610D590U930-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 754.5 | 754.5 | 754.5 | 754.5 | 754.5 | 754.5 | 754.5 |
| 2.5° | 787.4 | 787.4 | 791.7 | 791.3 | 794.1 | 793.1 | 793.6 |
| 5° | 846.4 | 851.7 | 856.3 | 859.4 | 864.1 | 865.4 | 864.7 |
| 7.5° | 907.7 | 919.3 | 925.0 | 932.9 | 934.3 | 938.3 | 937.9 |
| 10° | 945.5 | 957.0 | 965.6 | 972.5 | 975.9 | 980.2 | 980.6 |
| 12.5° | 975.3 | 985.0 | 992.7 | 999.0 | 1003.1 | 1004.5 | 1005.3 |
| 15° | 998.5 | 1009.3 | 1018.3 | 1027.3 | 1032.6 | 1036.6 | 1038.8 |
| 17.5° | 1021.9 | 1038.6 | 1054.5 | 1066.7 | 1074.0 | 1080.2 | 1080.1 |
| 20° | 1040.0 | 1059.2 | 1079.0 | 1093.0 | 1107.2 | 1113.4 | 1114.4 |
| 22.5° | 1059.3 | 1088.7 | 1114.2 | 1135.8 | 1154.5 | 1161.0 | 1163.4 |
| 25° | 1099.4 | 1137.8 | 1177.2 | 1207.5 | 1229.2 | 1241.9 | 1243.8 |
| 27.5° | 1147.9 | 1200.0 | 1241.3 | 1269.3 | 1287.4 | 1296.7 | 1298.8 |
| 30° | 1182.2 | 1230.1 | 1267.3 | 1288.4 | 1296.7 | 1298.0 | 1293.3 |
| 32.5° | 1197.5 | 1233.4 | 1248.2 | 1247.0 | 1230.6 | 1219.7 | 1215.5 |
| 35° | 1178.8 | 1171.3 | 1135.1 | 1091.7 | 1058.6 | 1037.5 | 1031.9 |
| 37.5° | 1072.7 | 1008.6 | 941.9 | 876.4 | 841.6 | 823.9 | 793.4 |
| 40° | 968.2 | 876.8 | 807.4 | 752.3 | 713.0 | 681.3 | 673.9 |
| 42.5° | 850.2 | 755.9 | 686.5 | 639.3 | 607.9 | 586.2 | 576.8 |
| 45° | 683.2 | 602.1 | 544.8 | 508.5 | 484.4 | 468.6 | 461.5 |
| 47.5° | 546.4 | 483.6 | 441.9 | 415.1 | 396.6 | 382.9 | 379.1 |
| 50° | 471.4 | 421.2 | 385.9 | 363.3 | 349.4 | 338.8 | 334.5 |
| 52.5° | 409.4 | 368.9 | 341.8 | 323.2 | 310.0 | 303.4 | 299.8 |
| 55° | 337.9 | 302.9 | 283.4 | 268.5 | 261.1 | 255.8 | 253.3 |
| 57.5° | 276.3 | 251.0 | 236.8 | 226.5 | 219.6 | 216.3 | 215.1 |
| 60° | 241.9 | 222.1 | 209.0 | 201.0 | 196.3 | 192.0 | 190.8 |
| 62.5° | 211.4 | 195.8 | 185.7 | 178.7 | 174.1 | 172.2 | 171.5 |
| 65° | 170.3 | 160.1 | 152.7 | 148.4 | 144.6 | 144.0 | 143.7 |
| 67.5° | 135.4 | 129.4 | 125.5 | 121.0 | 119.7 | 117.5 | 117.1 |
| 70° | 115.9 | 111.8 | 107.1 | 105.6 | 104.0 | 101.9 | 102.2 |
| 72.5° | 98.2 | 94.2 | 91.1 | 89.0 | 88.5 | 87.6 | 88.3 |
| 75° | 71.8 | 70.6 | 69.4 | 67.8 | 67.2 | 67.2 | 66.9 |
| 77.5° | 51.3 | 50.2 | 48.8 | 47.9 | 47.8 | 46.5 | 47.0 |
| 80° | 37.2 | 35.6 | 35.0 | 35.3 | 34.4 | 34.1 | 34.1 |
| 82.5° | 27.5 | 26.9 | 26.3 | 26.4 | 26.2 | 25.9 | 26.2 |
| 85° | 15.2 | 14.8 | 14.8 | 14.6 | 14.6 | 14.3 | 14.3 |
| 87.5° | 7.3 | 7.6 | 7.2 | 7.0 | 7.1 | 7.3 | 7.7 |
| 90° | 9.0 | 9.5 | 9.9 | 10.3 | 10.5 | 10.8 | 11.2 |
| 92.5° | 19.9 | 20.6 | 21.0 | 21.3 | 21.5 | 21.7 | 21.9 |
| 95° | 38.0 | 38.7 | 39.1 | 39.4 | 39.6 | 39.8 | 40.0 |
| 97.5° | 59.1 | 59.8 | 60.2 | 60.3 | 60.4 | 60.5 | 60.7 |
| 100° | 73.9 | 74.8 | 75.4 | 75.7 | 75.9 | 76.1 | 76.3 |
| 102.5° | 89.1 | 90.1 | 90.7 | 91.1 | 91.3 | 91.6 | 91.9 |
| 105° | 113.0 | 113.7 | 114.1 | 114.4 | 114.7 | 115.0 | 115.4 |
| 107.5° | 139.0 | 139.3 | 139.4 | 139.4 | 139.4 | 139.3 | 139.3 |
| 110° | 157.2 | 157.5 | 157.6 | 157.5 | 157.4 | 157.3 | 157.2 |



TEST NUMBER: P333527-930

CATALOG NUMBER: S125RDIP-S610D590U930-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 175.3 | 175.5 | 175.5 | 175.3 | 175.0 | 174.9 | 174.7 |
| 115° | 202.9 | 202.8 | 202.8 | 202.6 | 202.5 | 202.4 | 202.4 |
| 117.5° | 231.1 | 231.1 | 231.0 | 230.6 | 230.2 | 229.8 | 229.3 |
| 120° | 249.7 | 249.7 | 249.6 | 249.2 | 248.7 | 248.3 | 247.9 |
| 122.5° | 268.2 | 268.1 | 267.8 | 267.5 | 267.2 | 266.8 | 266.5 |
| 125° | 295.2 | 295.0 | 294.8 | 294.7 | 294.6 | 294.5 | 294.4 |
| 127.5° | 322.3 | 322.2 | 322.0 | 321.8 | 321.6 | 321.4 | 321.2 |
| 130° | 340.1 | 340.1 | 339.9 | 339.7 | 339.5 | 339.2 | 339.1 |
| 132.5° | 357.3 | 357.2 | 356.9 | 356.7 | 356.4 | 356.1 | 355.8 |
| 135° | 383.7 | 383.7 | 383.5 | 383.1 | 382.7 | 382.3 | 381.9 |
| 137.5° | 409.4 | 409.6 | 409.4 | 408.9 | 408.4 | 407.9 | 407.3 |
| 140° | 425.7 | 425.9 | 425.7 | 425.3 | 424.8 | 424.2 | 423.7 |
| 142.5° | 441.5 | 441.6 | 441.4 | 440.9 | 440.3 | 439.9 | 439.4 |
| 145° | 464.1 | 464.1 | 464.0 | 463.7 | 463.4 | 463.1 | 462.8 |
| 147.5° | 485.6 | 485.8 | 485.6 | 484.9 | 484.2 | 483.5 | 482.8 |
| 150° | 498.6 | 498.6 | 498.5 | 498.3 | 498.1 | 497.9 | 497.7 |
| 152.5° | 511.3 | 511.5 | 511.4 | 511.0 | 510.7 | 510.3 | 510.0 |
| 155° | 529.1 | 529.5 | 529.5 | 529.0 | 528.5 | 527.9 | 527.4 |
| 157.5° | 544.5 | 544.9 | 544.8 | 544.0 | 543.4 | 542.7 | 542.0 |
| 160° | 553.8 | 554.2 | 554.2 | 553.7 | 553.1 | 552.6 | 552.1 |
| 162.5° | 562.6 | 563.1 | 563.0 | 562.5 | 561.8 | 561.3 | 560.6 |
| 165° | 574.2 | 574.7 | 574.5 | 574.0 | 573.3 | 572.7 | 572.1 |
| 167.5° | 583.2 | 583.8 | 583.8 | 583.1 | 582.4 | 581.8 | 581.2 |
| 170° | 588.3 | 589.0 | 588.9 | 588.2 | 587.5 | 586.8 | 586.0 |
| 172.5° | 592.1 | 592.7 | 592.7 | 592.1 | 591.4 | 590.8 | 590.1 |
| 175° | 596.2 | 596.9 | 596.8 | 596.1 | 595.4 | 594.7 | 593.9 |
| 177.5° | 598.0 | 598.5 | 598.5 | 597.9 | 597.4 | 596.7 | 596.1 |
| 180° | 597.7 | 597.7 | 597.7 | 597.7 | 597.7 | 597.7 | 597.7 |

(END OF REPORT)