

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: P333401-930

Luminaire Tested: **S125DIW-S850D470U930-4F0-1E-UDD-A1**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P333401-930
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: S125DIW-S850D470U930-4F0-1E-UDD-A1
Description: DEFINE 5 DIRECT-INDIRECT WALL MOUNT LED LUMINAIRE
DOWNLIGHT 850 LUMENS PER FOOT, ASYMMETRIC DIFFUSER
UPLIGHT 470 LUMENS PER FOOT, FLUSH SATIN WHITE DIFFUSER
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4140.6 lumens
Efficiency: N/A
Efficacy: 109.8 lumens/watt
Spacing Criteria (0/90/45): 1.43 / 1.23 / 1.52
Luminous Opening: Rectangular (W 4' x L: 0.42' x H: 0')
CIE Type: Semi-Direct

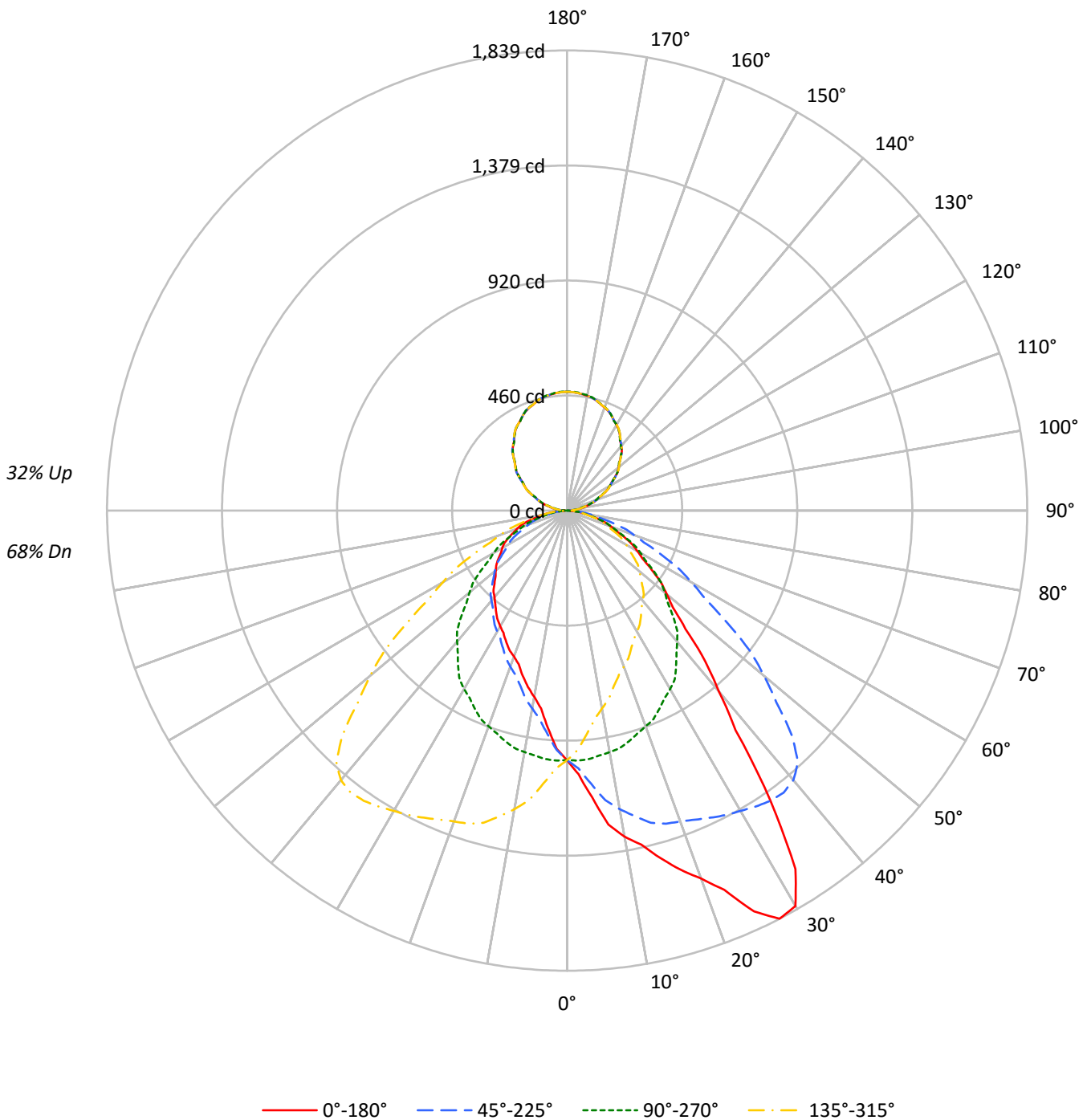
Input Watts (W): 37.7
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P333401-930

CATALOG NUMBER: S125DIW-S850D470U930-4F0-1E-UDD-A1

Luminous Intensity Polar Plot





TEST NUMBER: P333401-930

CATALOG NUMBER: S125DIW-S850D470U930-4F0-1E-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 | 50 | 30 | 10 | 0 | |
| RCR | | | | | | | | | | | | | | | | | | | | | | |
| 0 | 111 | 111 | 111 | 111 | 105 | 105 | 105 | 105 | 93 | 93 | 93 | 83 | 83 | 83 | 73 | 73 | 73 | 68 | | | | |
| 1 | 102 | 98 | 94 | 90 | 96 | 92 | 89 | 86 | 82 | 80 | 77 | 73 | 71 | 70 | 65 | 63 | 62 | 58 | | | | |
| 2 | 93 | 86 | 80 | 74 | 88 | 81 | 76 | 71 | 73 | 68 | 65 | 65 | 61 | 59 | 57 | 55 | 53 | 49 | | | | |
| 3 | 85 | 76 | 68 | 62 | 80 | 72 | 65 | 60 | 64 | 59 | 55 | 57 | 53 | 50 | 51 | 48 | 45 | 42 | | | | |
| 4 | 78 | 67 | 59 | 53 | 73 | 64 | 57 | 51 | 57 | 51 | 47 | 51 | 47 | 43 | 46 | 42 | 39 | 36 | | | | |
| 5 | 72 | 60 | 52 | 46 | 68 | 57 | 50 | 44 | 51 | 45 | 41 | 46 | 41 | 37 | 41 | 37 | 34 | 31 | | | | |
| 6 | 66 | 54 | 46 | 40 | 62 | 51 | 44 | 38 | 46 | 40 | 36 | 42 | 37 | 33 | 37 | 33 | 30 | 28 | | | | |
| 7 | 61 | 49 | 41 | 35 | 58 | 47 | 39 | 34 | 42 | 36 | 31 | 38 | 33 | 29 | 34 | 30 | 27 | 24 | | | | |
| 8 | 57 | 44 | 37 | 31 | 54 | 42 | 35 | 30 | 39 | 32 | 28 | 35 | 30 | 26 | 31 | 27 | 24 | 22 | | | | |
| 9 | 53 | 41 | 33 | 28 | 50 | 39 | 32 | 27 | 35 | 29 | 25 | 32 | 27 | 23 | 29 | 25 | 22 | 20 | | | | |
| 10 | 50 | 37 | 30 | 25 | 47 | 36 | 29 | 24 | 33 | 27 | 23 | 30 | 25 | 21 | 27 | 23 | 20 | 18 | | | | |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|-------|------|------|------|
| 0° | 6442 | 6442 | 6442 | 6442 |
| 5° | 7459 | 6463 | 5659 | 6463 |
| 10° | 8679 | 6430 | 4958 | 6430 |
| 15° | 9607 | 6383 | 4574 | 6383 |
| 20° | 10754 | 6308 | 4265 | 6308 |
| 25° | 12598 | 6223 | 4115 | 6223 |
| 30° | 13607 | 6141 | 3985 | 6141 |
| 35° | 11188 | 5984 | 3899 | 5984 |
| 40° | 7952 | 5767 | 3805 | 5767 |
| 45° | 6109 | 5476 | 3751 | 5476 |
| 50° | 5215 | 5112 | 3743 | 5112 |
| 55° | 4644 | 4757 | 3775 | 4757 |
| 60° | 4188 | 4370 | 3871 | 4370 |
| 65° | 3869 | 3978 | 3972 | 3978 |
| 70° | 3518 | 3573 | 4030 | 3573 |
| 75° | 3107 | 3147 | 3992 | 3147 |
| 80° | 2615 | 2566 | 3652 | 2566 |
| 85° | 2075 | 1845 | 2949 | 1845 |



TEST NUMBER: P333401-930

CATALOG NUMBER: S125DIW-S850D470U930-4F0-1E-UDD-A1

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 96.0 | 2.3 |
| 10°-20° | 285.9 | 6.9 |
| 20°-30° | 464.2 | 11.2 |
| 30°-40° | 566.3 | 13.7 |
| 40°-50° | 515.1 | 12.4 |
| 50°-60° | 410.3 | 9.9 |
| 60°-70° | 285.8 | 6.9 |
| 70°-80° | 152.4 | 3.7 |
| 80°-90° | 39.5 | 1.0 |
| 90°-100° | 31.8 | 0.8 |
| 100°-110° | 93.9 | 2.3 |
| 110°-120° | 159.1 | 3.8 |
| 120°-130° | 209.4 | 5.1 |
| 130°-140° | 234.6 | 5.7 |
| 140°-150° | 229.9 | 5.6 |
| 150°-160° | 193.1 | 4.7 |
| 160°-170° | 128.4 | 3.1 |
| 170°-180° | 44.9 | 1.1 |
| 0°-30° | 846.1 | 20.4 |
| 0°-40° | 1412.4 | 34.1 |
| 0°-60° | 2337.8 | 56.5 |
| 0°-90° | 2815.5 | 68.0 |
| 90°-120° | 284.8 | 6.9 |
| 90°-150° | 958.7 | 23.2 |
| 90°-180° | 1325.0 | 32.0 |
| 0°-180° | 4140.6 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|------|-----|------|------|------|------|
| 0° | 997 | 997 | 997 | 997 | 997 | |
| 5° | 1151 | 997 | 873 | 997 | 1151 | 116 |
| 15° | 1437 | 955 | 684 | 955 | 1437 | 411 |
| 25° | 1768 | 873 | 578 | 873 | 1768 | 807 |
| 35° | 1419 | 759 | 494 | 759 | 1419 | 868 |
| 45° | 669 | 600 | 411 | 600 | 669 | 535 |
| 55° | 412 | 422 | 335 | 422 | 412 | 371 |
| 65° | 253 | 260 | 260 | 260 | 253 | 251 |
| 75° | 124 | 126 | 160 | 126 | 124 | 134 |
| 85° | 28 | 25 | 40 | 25 | 28 | 32 |
| 90° | 9 | 0 | 9 | 0 | 9 | 6 |
| 95° | 32 | 24 | 32 | 24 | 32 | 32 |
| 105° | 92 | 84 | 92 | 84 | 92 | 97 |
| 115° | 161 | 159 | 161 | 159 | 161 | 159 |
| 125° | 234 | 232 | 234 | 232 | 234 | 209 |
| 135° | 303 | 302 | 303 | 302 | 303 | 234 |
| 145° | 368 | 366 | 368 | 366 | 368 | 230 |
| 155° | 419 | 419 | 419 | 419 | 419 | 193 |
| 165° | 454 | 456 | 454 | 456 | 454 | 128 |
| 175° | 472 | 474 | 472 | 474 | 472 | 45 |
| 180° | 475 | 475 | 475 | 475 | 475 | |



TEST NUMBER: P333401-930

CATALOG NUMBER: S125DIW-S850D470U930-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 997.4 | 997.4 | 997.4 | 997.4 | 997.4 | 997.4 | 997.4 | 997.4 | 997.4 | 997.4 | 997.4 |
| 2.5° | 1055.0 | 1053.6 | 1052.3 | 1049.5 | 1051.6 | 1045.9 | 1043.1 | 1038.4 | 1032.7 | 1030.6 | 1028.3 |
| 5° | 1150.6 | 1152.8 | 1154.9 | 1146.0 | 1146.9 | 1140.9 | 1127.4 | 1116.4 | 1107.5 | 1096.1 | 1088.0 |
| 7.5° | 1265.8 | 1260.8 | 1260.4 | 1254.7 | 1244.7 | 1236.8 | 1222.5 | 1204.4 | 1186.9 | 1166.9 | 1150.4 |
| 10° | 1323.4 | 1323.8 | 1320.0 | 1313.2 | 1302.7 | 1295.0 | 1276.4 | 1258.6 | 1237.1 | 1211.6 | 1193.4 |
| 12.5° | 1366.8 | 1368.5 | 1363.7 | 1354.5 | 1349.4 | 1332.3 | 1317.7 | 1296.6 | 1270.9 | 1250.6 | 1222.9 |
| 15° | 1436.9 | 1432.2 | 1428.8 | 1417.4 | 1408.5 | 1390.7 | 1367.4 | 1345.4 | 1317.4 | 1291.6 | 1265.8 |
| 17.5° | 1504.4 | 1508.1 | 1501.8 | 1491.3 | 1463.8 | 1443.0 | 1411.8 | 1381.6 | 1346.9 | 1312.2 | 1281.4 |
| 20° | 1564.7 | 1568.1 | 1558.4 | 1540.2 | 1507.2 | 1486.4 | 1445.3 | 1406.4 | 1366.1 | 1321.7 | 1287.8 |
| 22.5° | 1639.9 | 1637.2 | 1624.1 | 1596.4 | 1567.7 | 1529.4 | 1484.9 | 1437.5 | 1387.2 | 1336.9 | 1291.9 |
| 25° | 1767.9 | 1750.1 | 1742.1 | 1707.8 | 1670.1 | 1613.8 | 1552.8 | 1483.4 | 1420.7 | 1354.3 | 1296.7 |
| 27.5° | 1838.8 | 1833.3 | 1824.3 | 1800.4 | 1760.8 | 1700.6 | 1628.7 | 1544.1 | 1455.7 | 1371.8 | 1296.5 |
| 30° | 1824.6 | 1825.5 | 1826.4 | 1818.7 | 1793.3 | 1748.0 | 1676.5 | 1585.4 | 1480.4 | 1386.0 | 1298.9 |
| 32.5° | 1698.7 | 1714.1 | 1728.8 | 1746.2 | 1753.3 | 1744.7 | 1699.8 | 1617.6 | 1509.6 | 1402.3 | 1297.5 |
| 35° | 1419.0 | 1423.8 | 1471.5 | 1519.0 | 1583.3 | 1633.3 | 1666.7 | 1630.4 | 1539.3 | 1416.1 | 1295.8 |
| 37.5° | 1106.4 | 1129.4 | 1162.5 | 1216.0 | 1308.9 | 1392.0 | 1499.0 | 1548.2 | 1518.8 | 1420.6 | 1292.9 |
| 40° | 943.2 | 964.4 | 985.9 | 1040.6 | 1118.9 | 1219.7 | 1341.2 | 1444.9 | 1469.0 | 1406.4 | 1282.7 |
| 42.5° | 817.3 | 834.0 | 857.9 | 899.0 | 964.5 | 1053.7 | 1169.8 | 1305.4 | 1388.8 | 1365.1 | 1261.4 |
| 45° | 668.9 | 679.5 | 698.1 | 730.7 | 778.1 | 848.0 | 950.4 | 1098.6 | 1227.7 | 1270.5 | 1210.8 |
| 47.5° | 572.5 | 572.4 | 586.9 | 609.4 | 643.7 | 703.0 | 778.8 | 894.9 | 1032.8 | 1134.8 | 1130.1 |
| 50° | 519.0 | 516.9 | 528.3 | 547.8 | 574.9 | 614.2 | 686.6 | 779.3 | 911.9 | 1027.4 | 1059.6 |
| 52.5° | 473.0 | 473.2 | 480.2 | 494.6 | 517.3 | 551.0 | 605.0 | 688.6 | 801.8 | 920.5 | 981.0 |
| 55° | 412.4 | 410.7 | 418.7 | 428.4 | 444.9 | 466.9 | 505.9 | 569.8 | 661.7 | 778.5 | 857.3 |
| 57.5° | 356.8 | 361.4 | 364.7 | 371.5 | 385.1 | 399.9 | 432.8 | 479.6 | 552.5 | 652.8 | 736.1 |
| 60° | 324.2 | 329.0 | 331.5 | 338.3 | 349.3 | 362.0 | 387.3 | 425.5 | 486.8 | 573.2 | 655.7 |
| 62.5° | 295.1 | 298.8 | 299.6 | 305.7 | 314.7 | 327.1 | 347.1 | 379.0 | 427.5 | 503.1 | 584.0 |
| 65° | 253.2 | 253.2 | 254.9 | 261.2 | 265.5 | 276.5 | 291.7 | 315.0 | 353.9 | 412.8 | 481.8 |
| 67.5° | 212.7 | 214.7 | 214.3 | 217.1 | 221.0 | 229.5 | 240.4 | 259.7 | 288.5 | 331.5 | 386.7 |
| 70° | 186.3 | 187.9 | 187.5 | 189.6 | 193.9 | 199.4 | 208.3 | 226.5 | 247.2 | 284.1 | 331.5 |
| 72.5° | 162.6 | 163.2 | 162.2 | 164.9 | 167.5 | 172.3 | 182.2 | 191.9 | 211.3 | 242.4 | 281.4 |
| 75° | 124.5 | 125.3 | 126.1 | 127.8 | 130.4 | 132.9 | 138.0 | 147.7 | 160.5 | 183.8 | 208.7 |
| 77.5° | 93.3 | 91.7 | 93.8 | 93.5 | 94.9 | 96.9 | 101.3 | 106.5 | 116.9 | 131.7 | 151.0 |
| 80° | 70.3 | 70.7 | 70.7 | 71.1 | 73.2 | 74.5 | 78.4 | 82.1 | 90.2 | 101.2 | 114.7 |
| 82.5° | 51.3 | 52.4 | 51.8 | 52.5 | 54.3 | 55.2 | 57.3 | 60.4 | 65.1 | 73.8 | 83.6 |
| 85° | 28.0 | 25.8 | 26.7 | 27.6 | 27.6 | 28.0 | 29.6 | 30.9 | 33.4 | 36.9 | 40.6 |
| 87.5° | 9.9 | 10.5 | 10.8 | 10.8 | 11.1 | 11.0 | 12.2 | 12.1 | 13.1 | 14.0 | 15.3 |
| 90° | 8.9 | 8.6 | 8.4 | 8.2 | 7.9 | 7.6 | 7.2 | 6.8 | 6.4 | 6.0 | 5.3 |
| 92.5° | 17.4 | 17.3 | 17.0 | 16.9 | 16.7 | 16.4 | 15.8 | 15.2 | 14.8 | 14.2 | 13.5 |
| 95° | 31.8 | 31.6 | 31.5 | 31.3 | 31.1 | 30.7 | 30.2 | 29.6 | 29.0 | 28.5 | 27.6 |
| 97.5° | 48.2 | 48.1 | 48.0 | 47.9 | 47.8 | 47.5 | 47.0 | 46.4 | 45.8 | 45.3 | 44.2 |
| 100° | 60.6 | 60.4 | 60.3 | 60.1 | 59.9 | 59.5 | 58.8 | 58.0 | 57.3 | 56.5 | 55.4 |
| 102.5° | 73.1 | 72.8 | 72.6 | 72.3 | 72.1 | 71.6 | 70.8 | 70.0 | 69.1 | 68.3 | 67.8 |
| 105° | 91.6 | 91.4 | 91.2 | 90.9 | 90.7 | 90.3 | 89.8 | 89.3 | 88.8 | 88.3 | 87.8 |
| 107.5° | 110.7 | 110.7 | 110.7 | 110.8 | 110.8 | 110.6 | 110.4 | 110.1 | 109.9 | 109.7 | 109.3 |
| 110° | 124.9 | 125.0 | 125.1 | 125.1 | 125.2 | 125.1 | 124.9 | 124.7 | 124.4 | 124.2 | 123.9 |



TEST NUMBER: P333401-930

CATALOG NUMBER: S125DIW-S850D470U930-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 138.8 | 138.9 | 139.1 | 139.3 | 139.4 | 139.4 | 139.3 | 139.2 | 139.1 | 138.9 | 138.6 |
| 115° | 160.8 | 160.9 | 160.9 | 161.0 | 161.1 | 161.2 | 161.3 | 161.3 | 161.4 | 161.5 | 161.3 |
| 117.5° | 182.1 | 182.5 | 182.9 | 183.2 | 183.5 | 183.6 | 183.5 | 183.5 | 183.4 | 183.4 | 183.2 |
| 120° | 197.0 | 197.3 | 197.6 | 198.0 | 198.3 | 198.4 | 198.4 | 198.4 | 198.4 | 198.4 | 198.4 |
| 122.5° | 211.7 | 212.0 | 212.3 | 212.5 | 212.8 | 213.0 | 213.0 | 213.1 | 213.1 | 213.2 | 213.0 |
| 125° | 233.9 | 234.0 | 234.1 | 234.2 | 234.2 | 234.4 | 234.6 | 234.7 | 234.9 | 235.1 | 235.0 |
| 127.5° | 255.2 | 255.4 | 255.5 | 255.7 | 255.8 | 256.0 | 256.1 | 256.2 | 256.2 | 256.3 | 256.2 |
| 130° | 269.4 | 269.5 | 269.7 | 269.9 | 270.0 | 270.2 | 270.3 | 270.4 | 270.4 | 270.5 | 270.4 |
| 132.5° | 282.7 | 282.9 | 283.2 | 283.4 | 283.6 | 283.7 | 283.8 | 283.9 | 284.0 | 284.1 | 284.1 |
| 135° | 303.4 | 303.7 | 304.0 | 304.4 | 304.7 | 304.8 | 304.8 | 304.8 | 304.8 | 304.8 | 304.8 |
| 137.5° | 323.6 | 324.0 | 324.5 | 324.9 | 325.3 | 325.5 | 325.3 | 325.2 | 325.1 | 325.1 | 324.8 |
| 140° | 336.6 | 337.0 | 337.5 | 337.9 | 338.3 | 338.4 | 338.3 | 338.1 | 337.9 | 337.8 | 337.5 |
| 142.5° | 349.0 | 349.4 | 349.8 | 350.3 | 350.7 | 350.8 | 350.7 | 350.7 | 350.6 | 350.5 | 350.2 |
| 145° | 367.7 | 367.9 | 368.2 | 368.4 | 368.7 | 368.8 | 368.8 | 368.8 | 368.8 | 368.8 | 368.5 |
| 147.5° | 383.6 | 384.1 | 384.7 | 385.2 | 385.8 | 386.0 | 385.8 | 385.6 | 385.4 | 385.2 | 385.0 |
| 150° | 395.4 | 395.6 | 395.7 | 395.9 | 396.1 | 396.2 | 396.2 | 396.2 | 396.2 | 396.2 | 395.8 |
| 152.5° | 405.1 | 405.4 | 405.8 | 406.0 | 406.3 | 406.3 | 406.2 | 406.0 | 405.8 | 405.6 | 405.4 |
| 155° | 419.1 | 419.5 | 419.9 | 420.3 | 420.7 | 420.7 | 420.4 | 420.0 | 419.7 | 419.4 | 419.3 |
| 157.5° | 430.6 | 431.2 | 431.7 | 432.3 | 432.8 | 432.9 | 432.6 | 432.3 | 431.9 | 431.6 | 431.5 |
| 160° | 438.6 | 439.0 | 439.4 | 439.9 | 440.3 | 440.3 | 440.0 | 439.7 | 439.4 | 439.0 | 438.9 |
| 162.5° | 445.4 | 445.9 | 446.4 | 446.9 | 447.4 | 447.4 | 446.9 | 446.6 | 446.2 | 445.8 | 445.8 |
| 165° | 454.5 | 455.0 | 455.5 | 456.0 | 456.5 | 456.6 | 456.2 | 455.9 | 455.6 | 455.3 | 455.2 |
| 167.5° | 461.8 | 462.3 | 462.8 | 463.3 | 463.8 | 463.8 | 463.3 | 462.8 | 462.4 | 461.9 | 461.9 |
| 170° | 465.6 | 466.2 | 466.8 | 467.3 | 467.9 | 468.0 | 467.4 | 466.9 | 466.4 | 465.9 | 465.9 |
| 172.5° | 468.9 | 469.4 | 469.9 | 470.3 | 470.9 | 470.9 | 470.4 | 469.9 | 469.4 | 469.0 | 469.0 |
| 175° | 471.9 | 472.5 | 473.0 | 473.6 | 474.2 | 474.3 | 473.8 | 473.2 | 472.7 | 472.2 | 472.2 |
| 177.5° | 473.7 | 474.1 | 474.6 | 475.1 | 475.5 | 475.6 | 475.2 | 474.7 | 474.3 | 473.9 | 474.0 |
| 180° | 474.8 | 474.8 | 474.8 | 474.8 | 474.8 | 474.8 | 474.8 | 474.8 | 474.8 | 474.8 | 474.8 |



TEST NUMBER: P333401-930

CATALOG NUMBER: S125DIW-S850D470U930-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|
| 0° | 997.4 | 997.4 | 997.4 | 997.4 | 997.4 | 997.4 | 997.4 | 997.4 | 997.4 | 997.4 | 997.4 |
| 2.5° | 1026.2 | 1023.9 | 1021.1 | 1016.4 | 1010.6 | 1007.5 | 1002.8 | 999.8 | 993.7 | 988.6 | 983.2 |
| 5° | 1078.2 | 1067.2 | 1057.1 | 1044.0 | 1029.6 | 1020.3 | 1009.3 | 996.9 | 984.3 | 971.2 | 956.8 |
| 7.5° | 1132.2 | 1112.7 | 1091.5 | 1068.8 | 1046.5 | 1026.1 | 1006.5 | 987.2 | 969.3 | 947.6 | 929.3 |
| 10° | 1168.4 | 1143.9 | 1117.6 | 1086.7 | 1056.7 | 1030.5 | 1003.8 | 980.5 | 956.8 | 931.4 | 908.9 |
| 12.5° | 1204.7 | 1172.0 | 1134.9 | 1101.0 | 1064.8 | 1033.1 | 1001.8 | 972.0 | 942.2 | 914.1 | 887.9 |
| 15° | 1230.3 | 1201.4 | 1167.2 | 1118.9 | 1078.2 | 1034.7 | 993.2 | 954.6 | 918.7 | 887.4 | 854.4 |
| 17.5° | 1247.1 | 1210.0 | 1173.2 | 1126.9 | 1073.6 | 1024.8 | 977.9 | 933.8 | 893.2 | 853.5 | 821.7 |
| 20° | 1250.2 | 1212.0 | 1173.5 | 1128.2 | 1073.6 | 1017.7 | 970.8 | 917.8 | 874.2 | 833.2 | 794.2 |
| 22.5° | 1249.1 | 1206.0 | 1164.0 | 1117.4 | 1064.1 | 1012.7 | 955.9 | 901.9 | 854.6 | 814.2 | 773.6 |
| 25° | 1239.6 | 1193.4 | 1140.9 | 1094.0 | 1041.5 | 986.8 | 929.3 | 873.3 | 825.1 | 778.9 | 738.7 |
| 27.5° | 1231.6 | 1171.7 | 1112.3 | 1057.5 | 1006.8 | 956.8 | 901.6 | 844.4 | 790.9 | 744.1 | 706.2 |
| 30° | 1221.8 | 1156.2 | 1089.2 | 1032.1 | 980.1 | 931.4 | 879.3 | 823.5 | 767.5 | 721.8 | 681.2 |
| 32.5° | 1213.0 | 1136.5 | 1065.9 | 1003.7 | 948.5 | 901.2 | 853.2 | 800.1 | 745.2 | 698.8 | 658.1 |
| 35° | 1196.0 | 1107.5 | 1026.6 | 956.3 | 897.5 | 848.8 | 808.6 | 759.0 | 708.7 | 663.8 | 624.8 |
| 37.5° | 1174.4 | 1069.3 | 982.6 | 908.9 | 844.4 | 793.1 | 755.7 | 717.6 | 669.3 | 626.1 | 590.8 |
| 40° | 1157.4 | 1042.3 | 950.4 | 875.1 | 808.2 | 754.8 | 720.2 | 684.1 | 643.9 | 603.7 | 566.5 |
| 42.5° | 1136.1 | 1017.9 | 917.9 | 836.8 | 770.5 | 718.6 | 682.2 | 651.6 | 616.1 | 578.6 | 544.0 |
| 45° | 1096.9 | 973.7 | 865.4 | 778.1 | 711.2 | 660.0 | 622.3 | 599.5 | 572.8 | 537.2 | 508.0 |
| 47.5° | 1039.3 | 920.6 | 808.5 | 718.5 | 649.5 | 602.0 | 566.7 | 544.8 | 525.9 | 499.5 | 473.0 |
| 50° | 988.1 | 881.0 | 767.5 | 678.2 | 609.2 | 561.3 | 528.8 | 508.8 | 492.8 | 472.5 | 450.0 |
| 52.5° | 930.8 | 831.2 | 727.2 | 639.0 | 570.6 | 523.4 | 491.5 | 474.0 | 460.6 | 446.1 | 424.0 |
| 55° | 839.9 | 755.3 | 658.8 | 574.9 | 511.8 | 465.7 | 437.7 | 422.5 | 411.5 | 400.5 | 386.9 |
| 57.5° | 739.7 | 673.5 | 588.0 | 511.4 | 453.3 | 411.3 | 385.2 | 370.4 | 361.9 | 356.2 | 348.2 |
| 60° | 669.3 | 612.6 | 538.9 | 469.0 | 412.4 | 375.1 | 349.7 | 338.3 | 331.1 | 326.4 | 320.5 |
| 62.5° | 604.0 | 557.4 | 489.1 | 425.3 | 375.8 | 340.6 | 317.9 | 306.8 | 299.9 | 297.6 | 292.7 |
| 65° | 507.6 | 471.7 | 415.3 | 362.4 | 320.1 | 290.0 | 270.9 | 260.3 | 256.1 | 253.6 | 254.0 |
| 67.5° | 412.7 | 390.8 | 345.5 | 300.4 | 266.6 | 241.4 | 226.2 | 218.0 | 215.9 | 212.5 | 212.5 |
| 70° | 354.7 | 338.3 | 300.2 | 260.8 | 230.7 | 211.2 | 197.7 | 189.2 | 187.1 | 185.4 | 185.0 |
| 72.5° | 303.6 | 289.2 | 256.1 | 224.5 | 197.5 | 180.4 | 169.3 | 164.2 | 160.7 | 159.7 | 159.6 |
| 75° | 228.2 | 220.1 | 193.9 | 168.9 | 150.3 | 138.4 | 130.9 | 126.1 | 123.6 | 123.2 | 123.6 |
| 77.5° | 162.2 | 155.2 | 138.5 | 120.8 | 109.1 | 100.1 | 93.7 | 92.0 | 89.2 | 89.3 | 88.8 |
| 80° | 121.9 | 117.2 | 106.7 | 92.7 | 83.0 | 75.3 | 72.0 | 69.0 | 68.2 | 66.9 | 68.2 |
| 82.5° | 88.4 | 83.4 | 76.2 | 67.3 | 59.3 | 54.7 | 51.3 | 50.4 | 49.9 | 49.2 | 49.6 |
| 85° | 43.6 | 44.0 | 39.8 | 33.0 | 29.6 | 27.1 | 24.9 | 24.9 | 24.5 | 24.1 | 24.5 |
| 87.5° | 15.8 | 15.1 | 13.6 | 12.5 | 10.6 | 9.5 | 9.0 | 9.2 | 8.3 | 8.2 | 8.6 |
| 90° | 4.7 | 4.2 | 3.6 | 3.0 | 2.4 | 1.7 | 1.1 | 0.4 | 1.1 | 1.7 | 2.4 |
| 92.5° | 12.8 | 12.1 | 11.3 | 10.8 | 10.4 | 9.9 | 9.4 | 9.0 | 9.4 | 9.9 | 10.4 |
| 95° | 26.8 | 26.0 | 25.2 | 24.7 | 24.5 | 24.4 | 24.2 | 24.1 | 24.2 | 24.4 | 24.5 |
| 97.5° | 43.0 | 41.9 | 40.8 | 40.2 | 40.1 | 40.0 | 39.9 | 39.9 | 39.9 | 40.0 | 40.1 |
| 100° | 54.4 | 53.3 | 52.3 | 51.8 | 51.8 | 51.8 | 51.8 | 51.8 | 51.8 | 51.8 | 51.8 |
| 102.5° | 67.3 | 66.8 | 66.2 | 65.8 | 65.5 | 65.1 | 64.7 | 64.4 | 64.7 | 65.1 | 65.5 |
| 105° | 87.3 | 86.8 | 86.3 | 85.9 | 85.4 | 85.0 | 84.6 | 84.2 | 84.6 | 85.0 | 85.4 |
| 107.5° | 108.9 | 108.5 | 108.2 | 107.8 | 107.4 | 107.0 | 106.6 | 106.2 | 106.6 | 107.0 | 107.4 |
| 110° | 123.7 | 123.4 | 123.2 | 122.9 | 122.5 | 122.1 | 121.6 | 121.2 | 121.6 | 122.1 | 122.5 |



TEST NUMBER: P333401-930

CATALOG NUMBER: S125DIW-S850D470U930-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 138.4 | 138.0 | 137.7 | 137.5 | 137.2 | 137.0 | 136.8 | 136.6 | 136.8 | 137.0 | 137.2 |
| 115° | 161.2 | 161.0 | 160.9 | 160.6 | 160.3 | 160.0 | 159.6 | 159.2 | 159.6 | 160.0 | 160.3 |
| 117.5° | 183.0 | 183.0 | 182.8 | 182.6 | 182.5 | 182.3 | 182.1 | 182.1 | 182.1 | 182.3 | 182.5 |
| 120° | 198.3 | 198.2 | 198.1 | 197.9 | 197.5 | 197.1 | 196.7 | 196.2 | 196.7 | 197.1 | 197.5 |
| 122.5° | 212.8 | 212.5 | 212.4 | 212.1 | 212.1 | 211.9 | 211.7 | 211.6 | 211.7 | 211.9 | 212.1 |
| 125° | 234.9 | 234.8 | 234.7 | 234.4 | 233.9 | 233.4 | 232.9 | 232.4 | 232.9 | 233.4 | 233.9 |
| 127.5° | 256.1 | 256.0 | 255.9 | 255.8 | 255.4 | 255.2 | 254.9 | 254.6 | 254.9 | 255.2 | 255.4 |
| 130° | 270.2 | 270.0 | 269.9 | 269.5 | 269.1 | 268.7 | 268.3 | 267.9 | 268.3 | 268.7 | 269.1 |
| 132.5° | 284.1 | 284.2 | 284.2 | 283.9 | 283.2 | 282.6 | 281.8 | 281.2 | 281.8 | 282.6 | 283.2 |
| 135° | 304.7 | 304.6 | 304.5 | 304.3 | 303.8 | 303.3 | 302.8 | 302.2 | 302.8 | 303.3 | 303.8 |
| 137.5° | 324.7 | 324.5 | 324.3 | 324.0 | 323.5 | 323.0 | 322.5 | 322.0 | 322.5 | 323.0 | 323.5 |
| 140° | 337.3 | 337.0 | 336.8 | 336.4 | 336.0 | 335.6 | 335.2 | 334.8 | 335.2 | 335.6 | 336.0 |
| 142.5° | 349.8 | 349.5 | 349.2 | 348.9 | 348.5 | 348.2 | 347.8 | 347.5 | 347.8 | 348.2 | 348.5 |
| 145° | 368.3 | 368.0 | 367.8 | 367.5 | 367.2 | 366.9 | 366.6 | 366.2 | 366.6 | 366.9 | 367.2 |
| 147.5° | 384.8 | 384.6 | 384.4 | 384.3 | 384.0 | 383.8 | 383.7 | 383.5 | 383.7 | 383.8 | 384.0 |
| 150° | 395.5 | 395.2 | 394.8 | 394.7 | 394.8 | 394.8 | 394.9 | 395.0 | 394.9 | 394.8 | 394.8 |
| 152.5° | 405.4 | 405.2 | 405.0 | 405.0 | 404.8 | 404.7 | 404.6 | 404.5 | 404.6 | 404.7 | 404.8 |
| 155° | 419.2 | 419.1 | 419.1 | 419.1 | 419.1 | 419.1 | 419.1 | 419.1 | 419.1 | 419.1 | 419.1 |
| 157.5° | 431.5 | 431.4 | 431.3 | 431.3 | 431.5 | 431.7 | 431.9 | 432.0 | 431.9 | 431.7 | 431.5 |
| 160° | 438.8 | 438.7 | 438.6 | 438.7 | 439.0 | 439.2 | 439.5 | 439.8 | 439.5 | 439.2 | 439.0 |
| 162.5° | 445.7 | 445.7 | 445.7 | 445.8 | 446.0 | 446.2 | 446.4 | 446.5 | 446.4 | 446.2 | 446.0 |
| 165° | 455.1 | 455.0 | 454.9 | 454.9 | 455.1 | 455.3 | 455.4 | 455.6 | 455.4 | 455.3 | 455.1 |
| 167.5° | 461.9 | 461.9 | 461.9 | 462.0 | 462.4 | 462.7 | 463.0 | 463.3 | 463.0 | 462.7 | 462.4 |
| 170° | 465.9 | 465.9 | 465.9 | 466.1 | 466.4 | 466.8 | 467.1 | 467.4 | 467.1 | 466.8 | 466.4 |
| 172.5° | 469.0 | 469.0 | 469.0 | 469.1 | 469.4 | 469.8 | 470.1 | 470.4 | 470.1 | 469.8 | 469.4 |
| 175° | 472.2 | 472.2 | 472.2 | 472.4 | 472.7 | 473.0 | 473.4 | 473.8 | 473.4 | 473.0 | 472.7 |
| 177.5° | 474.1 | 474.2 | 474.2 | 474.3 | 474.7 | 474.9 | 475.2 | 475.4 | 475.2 | 474.9 | 474.7 |
| 180° | 474.8 | 474.8 | 474.8 | 474.8 | 474.8 | 474.8 | 474.8 | 474.8 | 474.8 | 474.8 | 474.8 |



TEST NUMBER: P333401-930

CATALOG NUMBER: S125DIW-S850D470U930-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 997.4 | 997.4 | 997.4 | 997.4 | 997.4 | 997.4 | 997.4 | 997.4 | 997.4 | 997.4 | 997.4 |
| 2.5° | 980.2 | 976.4 | 973.4 | 966.6 | 962.9 | 957.8 | 953.7 | 958.1 | 953.4 | 955.4 | 952.4 |
| 5° | 949.6 | 937.8 | 929.3 | 917.0 | 906.4 | 896.7 | 889.5 | 888.2 | 884.8 | 883.1 | 878.0 |
| 7.5° | 912.8 | 898.0 | 883.5 | 867.4 | 853.8 | 840.0 | 831.2 | 823.9 | 819.1 | 812.8 | 808.5 |
| 10° | 891.1 | 871.2 | 854.4 | 834.9 | 817.9 | 803.1 | 791.2 | 785.3 | 779.8 | 771.8 | 768.8 |
| 12.5° | 864.4 | 843.8 | 823.1 | 802.3 | 786.1 | 769.6 | 759.4 | 750.4 | 746.7 | 737.5 | 736.6 |
| 15° | 832.3 | 801.4 | 781.1 | 759.9 | 737.4 | 723.9 | 715.4 | 705.7 | 701.5 | 695.1 | 690.5 |
| 17.5° | 794.0 | 766.5 | 741.0 | 719.1 | 699.9 | 688.4 | 677.9 | 671.2 | 664.0 | 659.8 | 652.2 |
| 20° | 766.3 | 740.0 | 714.6 | 691.3 | 676.5 | 663.4 | 654.9 | 648.6 | 641.0 | 638.9 | 631.2 |
| 22.5° | 742.9 | 714.0 | 689.6 | 670.0 | 653.8 | 639.0 | 629.8 | 625.6 | 620.3 | 613.8 | 612.2 |
| 25° | 704.9 | 674.8 | 654.1 | 634.6 | 620.2 | 606.7 | 600.3 | 594.8 | 589.7 | 585.1 | 583.3 |
| 27.5° | 672.1 | 645.1 | 620.5 | 602.9 | 590.4 | 578.0 | 572.4 | 565.7 | 562.1 | 558.3 | 553.8 |
| 30° | 649.0 | 621.5 | 599.9 | 582.9 | 569.4 | 558.4 | 552.4 | 547.8 | 544.5 | 541.0 | 538.5 |
| 32.5° | 625.3 | 599.8 | 578.9 | 562.3 | 548.8 | 540.5 | 535.2 | 531.9 | 528.2 | 524.1 | 520.9 |
| 35° | 593.9 | 566.0 | 545.7 | 531.3 | 520.7 | 514.4 | 508.4 | 505.5 | 501.2 | 501.2 | 497.8 |
| 37.5° | 558.6 | 534.5 | 516.6 | 503.4 | 494.0 | 488.3 | 481.8 | 479.8 | 477.1 | 475.3 | 474.2 |
| 40° | 537.7 | 515.2 | 498.3 | 485.2 | 475.0 | 470.3 | 465.3 | 461.9 | 460.2 | 458.0 | 457.2 |
| 42.5° | 516.0 | 494.6 | 478.3 | 466.2 | 457.4 | 453.4 | 448.7 | 446.3 | 442.9 | 440.1 | 439.6 |
| 45° | 483.1 | 462.3 | 447.5 | 437.7 | 430.2 | 425.5 | 422.5 | 417.4 | 415.7 | 412.4 | 411.9 |
| 47.5° | 451.8 | 431.9 | 417.4 | 409.4 | 402.7 | 398.8 | 394.2 | 389.1 | 387.2 | 385.5 | 385.3 |
| 50° | 428.4 | 410.3 | 396.6 | 389.1 | 382.7 | 377.2 | 372.5 | 369.2 | 367.9 | 367.9 | 368.8 |
| 52.5° | 404.7 | 389.2 | 377.7 | 368.4 | 362.4 | 356.5 | 352.2 | 350.2 | 348.2 | 350.3 | 351.8 |
| 55° | 370.0 | 354.3 | 345.8 | 337.0 | 331.1 | 324.2 | 322.2 | 321.3 | 320.1 | 323.4 | 325.1 |
| 57.5° | 333.3 | 322.3 | 312.3 | 303.5 | 298.2 | 294.3 | 291.5 | 290.9 | 293.3 | 294.9 | 300.4 |
| 60° | 309.9 | 297.2 | 288.3 | 281.5 | 275.2 | 272.6 | 271.8 | 270.9 | 272.6 | 277.3 | 284.5 |
| 62.5° | 284.1 | 273.9 | 264.2 | 259.2 | 254.5 | 250.3 | 250.1 | 250.6 | 254.0 | 259.3 | 266.5 |
| 65° | 246.4 | 237.5 | 231.1 | 225.2 | 221.4 | 218.9 | 219.7 | 221.4 | 225.2 | 232.4 | 240.4 |
| 67.5° | 208.1 | 201.9 | 196.2 | 191.4 | 187.8 | 187.8 | 188.7 | 191.2 | 195.7 | 204.0 | 211.3 |
| 70° | 183.3 | 176.5 | 171.9 | 169.7 | 166.8 | 165.1 | 167.6 | 171.9 | 175.7 | 183.3 | 189.6 |
| 72.5° | 158.6 | 152.9 | 149.2 | 147.7 | 146.5 | 145.1 | 145.9 | 150.5 | 155.7 | 163.3 | 170.7 |
| 75° | 121.9 | 119.8 | 117.2 | 115.6 | 114.3 | 115.1 | 116.0 | 120.3 | 124.5 | 132.5 | 141.0 |
| 77.5° | 88.9 | 86.7 | 85.3 | 84.9 | 84.1 | 84.5 | 87.0 | 90.1 | 94.2 | 100.1 | 106.5 |
| 80° | 67.3 | 66.4 | 65.6 | 65.2 | 65.2 | 65.6 | 69.0 | 71.1 | 74.9 | 80.5 | 85.5 |
| 82.5° | 49.0 | 48.5 | 48.3 | 48.3 | 48.6 | 48.7 | 50.7 | 53.5 | 56.7 | 60.8 | 65.2 |
| 85° | 25.8 | 24.9 | 26.3 | 26.7 | 25.8 | 27.1 | 28.0 | 29.6 | 30.9 | 33.0 | 35.1 |
| 87.5° | 9.0 | 9.9 | 9.6 | 10.1 | 10.2 | 11.0 | 10.8 | 12.1 | 13.0 | 13.7 | 13.5 |
| 90° | 3.0 | 3.6 | 4.2 | 4.7 | 5.3 | 6.0 | 6.4 | 6.8 | 7.2 | 7.6 | 7.9 |
| 92.5° | 10.8 | 11.3 | 12.1 | 12.8 | 13.5 | 14.2 | 14.8 | 15.2 | 15.8 | 16.4 | 16.7 |
| 95° | 24.7 | 25.2 | 26.0 | 26.8 | 27.6 | 28.5 | 29.0 | 29.6 | 30.2 | 30.7 | 31.1 |
| 97.5° | 40.2 | 40.8 | 41.9 | 43.0 | 44.2 | 45.3 | 45.8 | 46.4 | 47.0 | 47.5 | 47.8 |
| 100° | 51.8 | 52.3 | 53.3 | 54.4 | 55.4 | 56.5 | 57.3 | 58.0 | 58.8 | 59.5 | 59.9 |
| 102.5° | 65.8 | 66.2 | 66.8 | 67.3 | 67.8 | 68.3 | 69.1 | 70.0 | 70.8 | 71.6 | 72.1 |
| 105° | 85.9 | 86.3 | 86.8 | 87.3 | 87.8 | 88.3 | 88.8 | 89.3 | 89.8 | 90.3 | 90.7 |
| 107.5° | 107.8 | 108.2 | 108.5 | 108.9 | 109.3 | 109.7 | 109.9 | 110.1 | 110.4 | 110.6 | 110.8 |
| 110° | 122.9 | 123.2 | 123.4 | 123.7 | 123.9 | 124.2 | 124.4 | 124.7 | 124.9 | 125.1 | 125.2 |



TEST NUMBER: P333401-930

CATALOG NUMBER: S125DIW-S850D470U930-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 137.5 | 137.7 | 138.0 | 138.4 | 138.6 | 138.9 | 139.1 | 139.2 | 139.3 | 139.4 | 139.4 |
| 115° | 160.6 | 160.9 | 161.0 | 161.2 | 161.3 | 161.5 | 161.4 | 161.3 | 161.3 | 161.2 | 161.1 |
| 117.5° | 182.6 | 182.8 | 183.0 | 183.0 | 183.2 | 183.4 | 183.4 | 183.5 | 183.5 | 183.6 | 183.5 |
| 120° | 197.9 | 198.1 | 198.2 | 198.3 | 198.4 | 198.4 | 198.4 | 198.4 | 198.4 | 198.4 | 198.3 |
| 122.5° | 212.1 | 212.4 | 212.5 | 212.8 | 213.0 | 213.2 | 213.1 | 213.1 | 213.0 | 213.0 | 212.8 |
| 125° | 234.4 | 234.7 | 234.8 | 234.9 | 235.0 | 235.1 | 234.9 | 234.7 | 234.6 | 234.4 | 234.2 |
| 127.5° | 255.8 | 255.9 | 256.0 | 256.1 | 256.2 | 256.3 | 256.2 | 256.2 | 256.1 | 256.0 | 255.8 |
| 130° | 269.5 | 269.9 | 270.0 | 270.2 | 270.4 | 270.5 | 270.4 | 270.4 | 270.3 | 270.2 | 270.0 |
| 132.5° | 283.9 | 284.2 | 284.2 | 284.1 | 284.1 | 284.1 | 284.0 | 283.9 | 283.8 | 283.7 | 283.6 |
| 135° | 304.3 | 304.5 | 304.6 | 304.7 | 304.8 | 304.8 | 304.8 | 304.8 | 304.8 | 304.8 | 304.7 |
| 137.5° | 324.0 | 324.3 | 324.5 | 324.7 | 324.8 | 325.1 | 325.1 | 325.2 | 325.3 | 325.5 | 325.3 |
| 140° | 336.4 | 336.8 | 337.0 | 337.3 | 337.5 | 337.8 | 337.9 | 338.1 | 338.3 | 338.4 | 338.3 |
| 142.5° | 348.9 | 349.2 | 349.5 | 349.8 | 350.2 | 350.5 | 350.6 | 350.7 | 350.7 | 350.8 | 350.7 |
| 145° | 367.5 | 367.8 | 368.0 | 368.3 | 368.5 | 368.8 | 368.8 | 368.8 | 368.8 | 368.8 | 368.7 |
| 147.5° | 384.3 | 384.4 | 384.6 | 384.8 | 385.0 | 385.2 | 385.4 | 385.6 | 385.8 | 386.0 | 385.8 |
| 150° | 394.7 | 394.8 | 395.2 | 395.5 | 395.8 | 396.2 | 396.2 | 396.2 | 396.2 | 396.2 | 396.1 |
| 152.5° | 405.0 | 405.0 | 405.2 | 405.4 | 405.4 | 405.6 | 405.8 | 406.0 | 406.2 | 406.3 | 406.3 |
| 155° | 419.1 | 419.1 | 419.1 | 419.2 | 419.3 | 419.4 | 419.7 | 420.0 | 420.4 | 420.7 | 420.7 |
| 157.5° | 431.3 | 431.3 | 431.4 | 431.5 | 431.5 | 431.6 | 431.9 | 432.3 | 432.6 | 432.9 | 432.8 |
| 160° | 438.7 | 438.6 | 438.7 | 438.8 | 438.9 | 439.0 | 439.4 | 439.7 | 440.0 | 440.3 | 440.3 |
| 162.5° | 445.8 | 445.7 | 445.7 | 445.7 | 445.8 | 445.8 | 446.2 | 446.6 | 446.9 | 447.4 | 447.4 |
| 165° | 454.9 | 454.9 | 455.0 | 455.1 | 455.2 | 455.3 | 455.6 | 455.9 | 456.2 | 456.6 | 456.5 |
| 167.5° | 462.0 | 461.9 | 461.9 | 461.9 | 461.9 | 461.9 | 462.4 | 462.8 | 463.3 | 463.8 | 463.8 |
| 170° | 466.1 | 465.9 | 465.9 | 465.9 | 465.9 | 465.9 | 466.4 | 466.9 | 467.4 | 468.0 | 467.9 |
| 172.5° | 469.1 | 469.0 | 469.0 | 469.0 | 469.0 | 469.0 | 469.4 | 469.9 | 470.4 | 470.9 | 470.9 |
| 175° | 472.4 | 472.2 | 472.2 | 472.2 | 472.2 | 472.2 | 472.7 | 473.2 | 473.8 | 474.3 | 474.2 |
| 177.5° | 474.3 | 474.2 | 474.2 | 474.1 | 474.0 | 473.9 | 474.3 | 474.7 | 475.2 | 475.6 | 475.5 |
| 180° | 474.8 | 474.8 | 474.8 | 474.8 | 474.8 | 474.8 | 474.8 | 474.8 | 474.8 | 474.8 | 474.8 |



TEST NUMBER: P333401-930

CATALOG NUMBER: S125DIW-S850D470U930-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 997.4 | 997.4 | 997.4 | 997.4 | 997.4 | 997.4 | 997.4 | 997.4 | 997.4 | 997.4 | 997.4 |
| 2.5° | 950.3 | 952.7 | 950.6 | 953.4 | 950.6 | 952.7 | 950.3 | 952.4 | 955.4 | 953.4 | 958.1 |
| 5° | 875.9 | 872.1 | 874.7 | 872.9 | 874.7 | 872.1 | 875.9 | 878.0 | 883.1 | 884.8 | 888.2 |
| 7.5° | 807.1 | 803.5 | 799.4 | 797.4 | 799.4 | 803.5 | 807.1 | 808.5 | 812.8 | 819.1 | 823.9 |
| 10° | 764.2 | 759.5 | 759.0 | 756.1 | 759.0 | 759.5 | 764.2 | 768.8 | 771.8 | 779.8 | 785.3 |
| 12.5° | 732.6 | 728.3 | 723.5 | 722.3 | 723.5 | 728.3 | 732.6 | 736.6 | 737.5 | 746.7 | 750.4 |
| 15° | 687.9 | 684.5 | 681.6 | 684.1 | 681.6 | 684.5 | 687.9 | 690.5 | 695.1 | 701.5 | 705.7 |
| 17.5° | 650.8 | 648.0 | 647.4 | 644.3 | 647.4 | 648.0 | 650.8 | 652.2 | 659.8 | 664.0 | 671.2 |
| 20° | 627.4 | 625.3 | 626.1 | 620.6 | 626.1 | 625.3 | 627.4 | 631.2 | 638.9 | 641.0 | 648.6 |
| 22.5° | 608.8 | 604.6 | 604.1 | 603.0 | 604.1 | 604.6 | 608.8 | 612.2 | 613.8 | 620.3 | 625.6 |
| 25° | 579.6 | 577.5 | 575.4 | 577.5 | 575.4 | 577.5 | 579.6 | 583.3 | 585.1 | 589.7 | 594.8 |
| 27.5° | 554.1 | 551.5 | 551.0 | 551.2 | 551.0 | 551.5 | 554.1 | 553.8 | 558.3 | 562.1 | 565.7 |
| 30° | 538.5 | 534.3 | 534.7 | 534.3 | 534.7 | 534.3 | 538.5 | 538.5 | 541.0 | 544.5 | 547.8 |
| 32.5° | 521.5 | 518.7 | 518.1 | 517.3 | 518.1 | 518.7 | 521.5 | 520.9 | 524.1 | 528.2 | 531.9 |
| 35° | 496.6 | 496.6 | 494.5 | 494.5 | 494.5 | 496.6 | 496.6 | 497.8 | 501.2 | 501.2 | 505.5 |
| 37.5° | 473.1 | 472.7 | 471.4 | 471.7 | 471.4 | 472.7 | 473.1 | 474.2 | 475.3 | 477.1 | 479.8 |
| 40° | 455.5 | 455.1 | 453.8 | 451.3 | 453.8 | 455.1 | 455.5 | 457.2 | 458.0 | 460.2 | 461.9 |
| 42.5° | 438.5 | 437.2 | 436.6 | 435.7 | 436.6 | 437.2 | 438.5 | 439.6 | 440.1 | 442.9 | 446.3 |
| 45° | 411.9 | 411.9 | 411.1 | 410.7 | 411.1 | 411.9 | 411.9 | 411.9 | 412.4 | 415.7 | 417.4 |
| 47.5° | 386.0 | 386.8 | 388.4 | 388.2 | 388.4 | 386.8 | 386.0 | 385.3 | 385.5 | 387.2 | 389.1 |
| 50° | 370.4 | 370.9 | 372.1 | 372.5 | 372.1 | 370.9 | 370.4 | 368.8 | 367.9 | 367.9 | 369.2 |
| 52.5° | 353.2 | 355.6 | 357.2 | 356.9 | 357.2 | 355.6 | 353.2 | 351.8 | 350.3 | 348.2 | 350.2 |
| 55° | 329.0 | 331.9 | 334.8 | 335.3 | 334.8 | 331.9 | 329.0 | 325.1 | 323.4 | 320.1 | 321.3 |
| 57.5° | 305.0 | 309.2 | 312.3 | 313.2 | 312.3 | 309.2 | 305.0 | 300.4 | 294.9 | 293.3 | 290.9 |
| 60° | 288.7 | 294.2 | 298.1 | 299.7 | 298.1 | 294.2 | 288.7 | 284.5 | 277.3 | 272.6 | 270.9 |
| 62.5° | 273.1 | 279.3 | 283.2 | 283.5 | 283.2 | 279.3 | 273.1 | 266.5 | 259.3 | 254.0 | 250.6 |
| 65° | 247.7 | 254.0 | 257.4 | 259.9 | 257.4 | 254.0 | 247.7 | 240.4 | 232.4 | 225.2 | 221.4 |
| 67.5° | 220.2 | 226.6 | 230.3 | 232.4 | 230.3 | 226.6 | 220.2 | 211.3 | 204.0 | 195.7 | 191.2 |
| 70° | 200.2 | 206.6 | 211.7 | 213.4 | 211.7 | 206.6 | 200.2 | 189.6 | 183.3 | 175.7 | 171.9 |
| 72.5° | 180.6 | 186.3 | 190.4 | 192.3 | 190.4 | 186.3 | 180.6 | 170.7 | 163.3 | 155.7 | 150.5 |
| 75° | 146.5 | 154.1 | 157.9 | 160.0 | 157.9 | 154.1 | 146.5 | 141.0 | 132.5 | 124.5 | 120.3 |
| 77.5° | 112.9 | 119.9 | 122.2 | 123.3 | 122.2 | 119.9 | 112.9 | 106.5 | 100.1 | 94.2 | 90.1 |
| 80° | 90.6 | 94.8 | 97.8 | 98.2 | 97.8 | 94.8 | 90.6 | 85.5 | 80.5 | 74.9 | 71.1 |
| 82.5° | 69.6 | 73.1 | 74.1 | 75.2 | 74.1 | 73.1 | 69.6 | 65.2 | 60.8 | 56.7 | 53.5 |
| 85° | 38.1 | 39.8 | 40.2 | 39.8 | 40.2 | 39.8 | 38.1 | 35.1 | 33.0 | 30.9 | 29.6 |
| 87.5° | 14.2 | 13.9 | 13.9 | 14.7 | 13.9 | 13.9 | 14.2 | 13.5 | 13.7 | 13.0 | 12.1 |
| 90° | 8.2 | 8.4 | 8.6 | 8.9 | 8.6 | 8.4 | 8.2 | 7.9 | 7.6 | 7.2 | 6.8 |
| 92.5° | 16.9 | 17.0 | 17.3 | 17.4 | 17.3 | 17.0 | 16.9 | 16.7 | 16.4 | 15.8 | 15.2 |
| 95° | 31.3 | 31.5 | 31.6 | 31.8 | 31.6 | 31.5 | 31.3 | 31.1 | 30.7 | 30.2 | 29.6 |
| 97.5° | 47.9 | 48.0 | 48.1 | 48.2 | 48.1 | 48.0 | 47.9 | 47.8 | 47.5 | 47.0 | 46.4 |
| 100° | 60.1 | 60.3 | 60.4 | 60.6 | 60.4 | 60.3 | 60.1 | 59.9 | 59.5 | 58.8 | 58.0 |
| 102.5° | 72.3 | 72.6 | 72.8 | 73.1 | 72.8 | 72.6 | 72.3 | 72.1 | 71.6 | 70.8 | 70.0 |
| 105° | 90.9 | 91.2 | 91.4 | 91.6 | 91.4 | 91.2 | 90.9 | 90.7 | 90.3 | 89.8 | 89.3 |
| 107.5° | 110.8 | 110.7 | 110.7 | 110.7 | 110.7 | 110.7 | 110.8 | 110.8 | 110.6 | 110.4 | 110.1 |
| 110° | 125.1 | 125.1 | 125.0 | 124.9 | 125.0 | 125.1 | 125.1 | 125.2 | 125.1 | 124.9 | 124.7 |



TEST NUMBER: P333401-930

CATALOG NUMBER: S125DIW-S850D470U930-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 139.3 | 139.1 | 138.9 | 138.8 | 138.9 | 139.1 | 139.3 | 139.4 | 139.4 | 139.3 | 139.2 |
| 115° | 161.0 | 160.9 | 160.9 | 160.8 | 160.9 | 160.9 | 161.0 | 161.1 | 161.2 | 161.3 | 161.3 |
| 117.5° | 183.2 | 182.9 | 182.5 | 182.1 | 182.5 | 182.9 | 183.2 | 183.5 | 183.6 | 183.5 | 183.5 |
| 120° | 198.0 | 197.6 | 197.3 | 197.0 | 197.3 | 197.6 | 198.0 | 198.3 | 198.4 | 198.4 | 198.4 |
| 122.5° | 212.5 | 212.3 | 212.0 | 211.7 | 212.0 | 212.3 | 212.5 | 212.8 | 213.0 | 213.0 | 213.1 |
| 125° | 234.2 | 234.1 | 234.0 | 233.9 | 234.0 | 234.1 | 234.2 | 234.2 | 234.4 | 234.6 | 234.7 |
| 127.5° | 255.7 | 255.5 | 255.4 | 255.2 | 255.4 | 255.5 | 255.7 | 255.8 | 256.0 | 256.1 | 256.2 |
| 130° | 269.9 | 269.7 | 269.5 | 269.4 | 269.5 | 269.7 | 269.9 | 270.0 | 270.2 | 270.3 | 270.4 |
| 132.5° | 283.4 | 283.2 | 282.9 | 282.7 | 282.9 | 283.2 | 283.4 | 283.6 | 283.7 | 283.8 | 283.9 |
| 135° | 304.4 | 304.0 | 303.7 | 303.4 | 303.7 | 304.0 | 304.4 | 304.7 | 304.8 | 304.8 | 304.8 |
| 137.5° | 324.9 | 324.5 | 324.0 | 323.6 | 324.0 | 324.5 | 324.9 | 325.3 | 325.5 | 325.3 | 325.2 |
| 140° | 337.9 | 337.5 | 337.0 | 336.6 | 337.0 | 337.5 | 337.9 | 338.3 | 338.4 | 338.3 | 338.1 |
| 142.5° | 350.3 | 349.8 | 349.4 | 349.0 | 349.4 | 349.8 | 350.3 | 350.7 | 350.8 | 350.7 | 350.7 |
| 145° | 368.4 | 368.2 | 367.9 | 367.7 | 367.9 | 368.2 | 368.4 | 368.7 | 368.8 | 368.8 | 368.8 |
| 147.5° | 385.2 | 384.7 | 384.1 | 383.6 | 384.1 | 384.7 | 385.2 | 385.8 | 386.0 | 385.8 | 385.6 |
| 150° | 395.9 | 395.7 | 395.6 | 395.4 | 395.6 | 395.7 | 395.9 | 396.1 | 396.2 | 396.2 | 396.2 |
| 152.5° | 406.0 | 405.8 | 405.4 | 405.1 | 405.4 | 405.8 | 406.0 | 406.3 | 406.3 | 406.2 | 406.0 |
| 155° | 420.3 | 419.9 | 419.5 | 419.1 | 419.5 | 419.9 | 420.3 | 420.7 | 420.7 | 420.4 | 420.0 |
| 157.5° | 432.3 | 431.7 | 431.2 | 430.6 | 431.2 | 431.7 | 432.3 | 432.8 | 432.9 | 432.6 | 432.3 |
| 160° | 439.9 | 439.4 | 439.0 | 438.6 | 439.0 | 439.4 | 439.9 | 440.3 | 440.3 | 440.0 | 439.7 |
| 162.5° | 446.9 | 446.4 | 445.9 | 445.4 | 445.9 | 446.4 | 446.9 | 447.4 | 447.4 | 446.9 | 446.6 |
| 165° | 456.0 | 455.5 | 455.0 | 454.5 | 455.0 | 455.5 | 456.0 | 456.5 | 456.6 | 456.2 | 455.9 |
| 167.5° | 463.3 | 462.8 | 462.3 | 461.8 | 462.3 | 462.8 | 463.3 | 463.8 | 463.8 | 463.3 | 462.8 |
| 170° | 467.3 | 466.8 | 466.2 | 465.6 | 466.2 | 466.8 | 467.3 | 467.9 | 468.0 | 467.4 | 466.9 |
| 172.5° | 470.3 | 469.9 | 469.4 | 468.9 | 469.4 | 469.9 | 470.3 | 470.9 | 470.9 | 470.4 | 469.9 |
| 175° | 473.6 | 473.0 | 472.5 | 471.9 | 472.5 | 473.0 | 473.6 | 474.2 | 474.3 | 473.8 | 473.2 |
| 177.5° | 475.1 | 474.6 | 474.1 | 473.7 | 474.1 | 474.6 | 475.1 | 475.5 | 475.6 | 475.2 | 474.7 |
| 180° | 474.8 | 474.8 | 474.8 | 474.8 | 474.8 | 474.8 | 474.8 | 474.8 | 474.8 | 474.8 | 474.8 |



TEST NUMBER: P333401-930

CATALOG NUMBER: S125DIW-S850D470U930-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 997.4 | 997.4 | 997.4 | 997.4 | 997.4 | 997.4 | 997.4 | 997.4 | 997.4 | 997.4 | 997.4 |
| 2.5° | 953.7 | 957.8 | 962.9 | 966.6 | 973.4 | 976.4 | 980.2 | 983.2 | 988.6 | 993.7 | 999.8 |
| 5° | 889.5 | 896.7 | 906.4 | 917.0 | 929.3 | 937.8 | 949.6 | 956.8 | 971.2 | 984.3 | 996.9 |
| 7.5° | 831.2 | 840.0 | 853.8 | 867.4 | 883.5 | 898.0 | 912.8 | 929.3 | 947.6 | 969.3 | 987.2 |
| 10° | 791.2 | 803.1 | 817.9 | 834.9 | 854.4 | 871.2 | 891.1 | 908.9 | 931.4 | 956.8 | 980.5 |
| 12.5° | 759.4 | 769.6 | 786.1 | 802.3 | 823.1 | 843.8 | 864.4 | 887.9 | 914.1 | 942.2 | 972.0 |
| 15° | 715.4 | 723.9 | 737.4 | 759.9 | 781.1 | 801.4 | 832.3 | 854.4 | 887.4 | 918.7 | 954.6 |
| 17.5° | 677.9 | 688.4 | 699.9 | 719.1 | 741.0 | 766.5 | 794.0 | 821.7 | 853.5 | 893.2 | 933.8 |
| 20° | 654.9 | 663.4 | 676.5 | 691.3 | 714.6 | 740.0 | 766.3 | 794.2 | 833.2 | 874.2 | 917.8 |
| 22.5° | 629.8 | 639.0 | 653.8 | 670.0 | 689.6 | 714.0 | 742.9 | 773.6 | 814.2 | 854.6 | 901.9 |
| 25° | 600.3 | 606.7 | 620.2 | 634.6 | 654.1 | 674.8 | 704.9 | 738.7 | 778.9 | 825.1 | 873.3 |
| 27.5° | 572.4 | 578.0 | 590.4 | 602.9 | 620.5 | 645.1 | 672.1 | 706.2 | 744.1 | 790.9 | 844.4 |
| 30° | 552.4 | 558.4 | 569.4 | 582.9 | 599.9 | 621.5 | 649.0 | 681.2 | 721.8 | 767.5 | 823.5 |
| 32.5° | 535.2 | 540.5 | 548.8 | 562.3 | 578.9 | 599.8 | 625.3 | 658.1 | 698.8 | 745.2 | 800.1 |
| 35° | 508.4 | 514.4 | 520.7 | 531.3 | 545.7 | 566.0 | 593.9 | 624.8 | 663.8 | 708.7 | 759.0 |
| 37.5° | 481.8 | 488.3 | 494.0 | 503.4 | 516.6 | 534.5 | 558.6 | 590.8 | 626.1 | 669.3 | 717.6 |
| 40° | 465.3 | 470.3 | 475.0 | 485.2 | 498.3 | 515.2 | 537.7 | 566.5 | 603.7 | 643.9 | 684.1 |
| 42.5° | 448.7 | 453.4 | 457.4 | 466.2 | 478.3 | 494.6 | 516.0 | 544.0 | 578.6 | 616.1 | 651.6 |
| 45° | 422.5 | 425.5 | 430.2 | 437.7 | 447.5 | 462.3 | 483.1 | 508.0 | 537.2 | 572.8 | 599.5 |
| 47.5° | 394.2 | 398.8 | 402.7 | 409.4 | 417.4 | 431.9 | 451.8 | 473.0 | 499.5 | 525.9 | 544.8 |
| 50° | 372.5 | 377.2 | 382.7 | 389.1 | 396.6 | 410.3 | 428.4 | 450.0 | 472.5 | 492.8 | 508.8 |
| 52.5° | 352.2 | 356.5 | 362.4 | 368.4 | 377.7 | 389.2 | 404.7 | 424.0 | 446.1 | 460.6 | 474.0 |
| 55° | 322.2 | 324.2 | 331.1 | 337.0 | 345.8 | 354.3 | 370.0 | 386.9 | 400.5 | 411.5 | 422.5 |
| 57.5° | 291.5 | 294.3 | 298.2 | 303.5 | 312.3 | 322.3 | 333.3 | 348.2 | 356.2 | 361.9 | 370.4 |
| 60° | 271.8 | 272.6 | 275.2 | 281.5 | 288.3 | 297.2 | 309.9 | 320.5 | 326.4 | 331.1 | 338.3 |
| 62.5° | 250.1 | 250.3 | 254.5 | 259.2 | 264.2 | 273.9 | 284.1 | 292.7 | 297.6 | 299.9 | 306.8 |
| 65° | 219.7 | 218.9 | 221.4 | 225.2 | 231.1 | 237.5 | 246.4 | 254.0 | 253.6 | 256.1 | 260.3 |
| 67.5° | 188.7 | 187.8 | 187.8 | 191.4 | 196.2 | 201.9 | 208.1 | 212.5 | 212.5 | 215.9 | 218.0 |
| 70° | 167.6 | 165.1 | 166.8 | 169.7 | 171.9 | 176.5 | 183.3 | 185.0 | 185.4 | 187.1 | 189.2 |
| 72.5° | 145.9 | 145.1 | 146.5 | 147.7 | 149.2 | 152.9 | 158.6 | 159.6 | 159.7 | 160.7 | 164.2 |
| 75° | 116.0 | 115.1 | 114.3 | 115.6 | 117.2 | 119.8 | 121.9 | 123.6 | 123.2 | 123.6 | 126.1 |
| 77.5° | 87.0 | 84.5 | 84.1 | 84.9 | 85.3 | 86.7 | 88.9 | 88.8 | 89.3 | 89.2 | 92.0 |
| 80° | 69.0 | 65.6 | 65.2 | 65.2 | 65.6 | 66.4 | 67.3 | 68.2 | 66.9 | 68.2 | 69.0 |
| 82.5° | 50.7 | 48.7 | 48.6 | 48.3 | 48.3 | 48.5 | 49.0 | 49.6 | 49.2 | 49.9 | 50.4 |
| 85° | 28.0 | 27.1 | 25.8 | 26.7 | 26.3 | 24.9 | 25.8 | 24.5 | 24.1 | 24.5 | 24.9 |
| 87.5° | 10.8 | 11.0 | 10.2 | 10.1 | 9.6 | 9.9 | 9.0 | 8.6 | 8.2 | 8.3 | 9.2 |
| 90° | 6.4 | 6.0 | 5.3 | 4.7 | 4.2 | 3.6 | 3.0 | 2.4 | 1.7 | 1.1 | 0.4 |
| 92.5° | 14.8 | 14.2 | 13.5 | 12.8 | 12.1 | 11.3 | 10.8 | 10.4 | 9.9 | 9.4 | 9.0 |
| 95° | 29.0 | 28.5 | 27.6 | 26.8 | 26.0 | 25.2 | 24.7 | 24.5 | 24.4 | 24.2 | 24.1 |
| 97.5° | 45.8 | 45.3 | 44.2 | 43.0 | 41.9 | 40.8 | 40.2 | 40.1 | 40.0 | 39.9 | 39.9 |
| 100° | 57.3 | 56.5 | 55.4 | 54.4 | 53.3 | 52.3 | 51.8 | 51.8 | 51.8 | 51.8 | 51.8 |
| 102.5° | 69.1 | 68.3 | 67.8 | 67.3 | 66.8 | 66.2 | 65.8 | 65.5 | 65.1 | 64.7 | 64.4 |
| 105° | 88.8 | 88.3 | 87.8 | 87.3 | 86.8 | 86.3 | 85.9 | 85.4 | 85.0 | 84.6 | 84.2 |
| 107.5° | 109.9 | 109.7 | 109.3 | 108.9 | 108.5 | 108.2 | 107.8 | 107.4 | 107.0 | 106.6 | 106.2 |
| 110° | 124.4 | 124.2 | 123.9 | 123.7 | 123.4 | 123.2 | 122.9 | 122.5 | 122.1 | 121.6 | 121.2 |



TEST NUMBER: P333401-930

CATALOG NUMBER: S125DIW-S850D470U930-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 139.1 | 138.9 | 138.6 | 138.4 | 138.0 | 137.7 | 137.5 | 137.2 | 137.0 | 136.8 | 136.6 |
| 115° | 161.4 | 161.5 | 161.3 | 161.2 | 161.0 | 160.9 | 160.6 | 160.3 | 160.0 | 159.6 | 159.2 |
| 117.5° | 183.4 | 183.4 | 183.2 | 183.0 | 183.0 | 182.8 | 182.6 | 182.5 | 182.3 | 182.1 | 182.1 |
| 120° | 198.4 | 198.4 | 198.4 | 198.3 | 198.2 | 198.1 | 197.9 | 197.5 | 197.1 | 196.7 | 196.2 |
| 122.5° | 213.1 | 213.2 | 213.0 | 212.8 | 212.5 | 212.4 | 212.1 | 212.1 | 211.9 | 211.7 | 211.6 |
| 125° | 234.9 | 235.1 | 235.0 | 234.9 | 234.8 | 234.7 | 234.4 | 233.9 | 233.4 | 232.9 | 232.4 |
| 127.5° | 256.2 | 256.3 | 256.2 | 256.1 | 256.0 | 255.9 | 255.8 | 255.4 | 255.2 | 254.9 | 254.6 |
| 130° | 270.4 | 270.5 | 270.4 | 270.2 | 270.0 | 269.9 | 269.5 | 269.1 | 268.7 | 268.3 | 267.9 |
| 132.5° | 284.0 | 284.1 | 284.1 | 284.1 | 284.2 | 284.2 | 283.9 | 283.2 | 282.6 | 281.8 | 281.2 |
| 135° | 304.8 | 304.8 | 304.8 | 304.7 | 304.6 | 304.5 | 304.3 | 303.8 | 303.3 | 302.8 | 302.2 |
| 137.5° | 325.1 | 325.1 | 324.8 | 324.7 | 324.5 | 324.3 | 324.0 | 323.5 | 323.0 | 322.5 | 322.0 |
| 140° | 337.9 | 337.8 | 337.5 | 337.3 | 337.0 | 336.8 | 336.4 | 336.0 | 335.6 | 335.2 | 334.8 |
| 142.5° | 350.6 | 350.5 | 350.2 | 349.8 | 349.5 | 349.2 | 348.9 | 348.5 | 348.2 | 347.8 | 347.5 |
| 145° | 368.8 | 368.8 | 368.5 | 368.3 | 368.0 | 367.8 | 367.5 | 367.2 | 366.9 | 366.6 | 366.2 |
| 147.5° | 385.4 | 385.2 | 385.0 | 384.8 | 384.6 | 384.4 | 384.3 | 384.0 | 383.8 | 383.7 | 383.5 |
| 150° | 396.2 | 396.2 | 395.8 | 395.5 | 395.2 | 394.8 | 394.7 | 394.8 | 394.8 | 394.9 | 395.0 |
| 152.5° | 405.8 | 405.6 | 405.4 | 405.4 | 405.2 | 405.0 | 405.0 | 404.8 | 404.7 | 404.6 | 404.5 |
| 155° | 419.7 | 419.4 | 419.3 | 419.2 | 419.1 | 419.1 | 419.1 | 419.1 | 419.1 | 419.1 | 419.1 |
| 157.5° | 431.9 | 431.6 | 431.5 | 431.5 | 431.4 | 431.3 | 431.3 | 431.5 | 431.7 | 431.9 | 432.0 |
| 160° | 439.4 | 439.0 | 438.9 | 438.8 | 438.7 | 438.6 | 438.7 | 439.0 | 439.2 | 439.5 | 439.8 |
| 162.5° | 446.2 | 445.8 | 445.8 | 445.7 | 445.7 | 445.7 | 445.8 | 446.0 | 446.2 | 446.4 | 446.5 |
| 165° | 455.6 | 455.3 | 455.2 | 455.1 | 455.0 | 454.9 | 454.9 | 455.1 | 455.3 | 455.4 | 455.6 |
| 167.5° | 462.4 | 461.9 | 461.9 | 461.9 | 461.9 | 461.9 | 462.0 | 462.4 | 462.7 | 463.0 | 463.3 |
| 170° | 466.4 | 465.9 | 465.9 | 465.9 | 465.9 | 465.9 | 466.1 | 466.4 | 466.8 | 467.1 | 467.4 |
| 172.5° | 469.4 | 469.0 | 469.0 | 469.0 | 469.0 | 469.0 | 469.1 | 469.4 | 469.8 | 470.1 | 470.4 |
| 175° | 472.7 | 472.2 | 472.2 | 472.2 | 472.2 | 472.2 | 472.4 | 472.7 | 473.0 | 473.4 | 473.8 |
| 177.5° | 474.3 | 473.9 | 474.0 | 474.1 | 474.2 | 474.2 | 474.3 | 474.7 | 474.9 | 475.2 | 475.4 |
| 180° | 474.8 | 474.8 | 474.8 | 474.8 | 474.8 | 474.8 | 474.8 | 474.8 | 474.8 | 474.8 | 474.8 |



TEST NUMBER: P333401-930

CATALOG NUMBER: S125DIW-S850D470U930-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 997.4 | 997.4 | 997.4 | 997.4 | 997.4 | 997.4 | 997.4 | 997.4 | 997.4 | 997.4 | 997.4 |
| 2.5° | 1002.8 | 1007.5 | 1010.6 | 1016.4 | 1021.1 | 1023.9 | 1026.2 | 1028.3 | 1030.6 | 1032.7 | 1038.4 |
| 5° | 1009.3 | 1020.3 | 1029.6 | 1044.0 | 1057.1 | 1067.2 | 1078.2 | 1088.0 | 1096.1 | 1107.5 | 1116.4 |
| 7.5° | 1006.5 | 1026.1 | 1046.5 | 1068.8 | 1091.5 | 1112.7 | 1132.2 | 1150.4 | 1166.9 | 1186.9 | 1204.4 |
| 10° | 1003.8 | 1030.5 | 1056.7 | 1086.7 | 1117.6 | 1143.9 | 1168.4 | 1193.4 | 1211.6 | 1237.1 | 1258.6 |
| 12.5° | 1001.8 | 1033.1 | 1064.8 | 1101.0 | 1134.9 | 1172.0 | 1204.7 | 1222.9 | 1250.6 | 1270.9 | 1296.6 |
| 15° | 993.2 | 1034.7 | 1078.2 | 1118.9 | 1167.2 | 1201.4 | 1230.3 | 1265.8 | 1291.6 | 1317.4 | 1345.4 |
| 17.5° | 977.9 | 1024.8 | 1073.6 | 1126.9 | 1173.2 | 1210.0 | 1247.1 | 1281.4 | 1312.2 | 1346.9 | 1381.6 |
| 20° | 970.8 | 1017.7 | 1073.6 | 1128.2 | 1173.5 | 1212.0 | 1250.2 | 1287.8 | 1321.7 | 1366.1 | 1406.4 |
| 22.5° | 955.9 | 1012.7 | 1064.1 | 1117.4 | 1164.0 | 1206.0 | 1249.1 | 1291.9 | 1336.9 | 1387.2 | 1437.5 |
| 25° | 929.3 | 986.8 | 1041.5 | 1094.0 | 1140.9 | 1193.4 | 1239.6 | 1296.7 | 1354.3 | 1420.7 | 1483.4 |
| 27.5° | 901.6 | 956.8 | 1006.8 | 1057.5 | 1112.3 | 1171.7 | 1231.6 | 1296.5 | 1371.8 | 1455.7 | 1544.1 |
| 30° | 879.3 | 931.4 | 980.1 | 1032.1 | 1089.2 | 1156.2 | 1221.8 | 1298.9 | 1386.0 | 1480.4 | 1585.4 |
| 32.5° | 853.2 | 901.2 | 948.5 | 1003.7 | 1065.9 | 1136.5 | 1213.0 | 1297.5 | 1402.3 | 1509.6 | 1617.6 |
| 35° | 808.6 | 848.8 | 897.5 | 956.3 | 1026.6 | 1107.5 | 1196.0 | 1295.8 | 1416.1 | 1539.3 | 1630.4 |
| 37.5° | 755.7 | 793.1 | 844.4 | 908.9 | 982.6 | 1069.3 | 1174.4 | 1292.9 | 1420.6 | 1518.8 | 1548.2 |
| 40° | 720.2 | 754.8 | 808.2 | 875.1 | 950.4 | 1042.3 | 1157.4 | 1282.7 | 1406.4 | 1469.0 | 1444.9 |
| 42.5° | 682.2 | 718.6 | 770.5 | 836.8 | 917.9 | 1017.9 | 1136.1 | 1261.4 | 1365.1 | 1388.8 | 1305.4 |
| 45° | 622.3 | 660.0 | 711.2 | 778.1 | 865.4 | 973.7 | 1096.9 | 1210.8 | 1270.5 | 1227.7 | 1098.6 |
| 47.5° | 566.7 | 602.0 | 649.5 | 718.5 | 808.5 | 920.6 | 1039.3 | 1130.1 | 1134.8 | 1032.8 | 894.9 |
| 50° | 528.8 | 561.3 | 609.2 | 678.2 | 767.5 | 881.0 | 988.1 | 1059.6 | 1027.4 | 911.9 | 779.3 |
| 52.5° | 491.5 | 523.4 | 570.6 | 639.0 | 727.2 | 831.2 | 930.8 | 981.0 | 920.5 | 801.8 | 688.6 |
| 55° | 437.7 | 465.7 | 511.8 | 574.9 | 658.8 | 755.3 | 839.9 | 857.3 | 778.5 | 661.7 | 569.8 |
| 57.5° | 385.2 | 411.3 | 453.3 | 511.4 | 588.0 | 673.5 | 739.7 | 736.1 | 652.8 | 552.5 | 479.6 |
| 60° | 349.7 | 375.1 | 412.4 | 469.0 | 538.9 | 612.6 | 669.3 | 655.7 | 573.2 | 486.8 | 425.5 |
| 62.5° | 317.9 | 340.6 | 375.8 | 425.3 | 489.1 | 557.4 | 604.0 | 584.0 | 503.1 | 427.5 | 379.0 |
| 65° | 270.9 | 290.0 | 320.1 | 362.4 | 415.3 | 471.7 | 507.6 | 481.8 | 412.8 | 353.9 | 315.0 |
| 67.5° | 226.2 | 241.4 | 266.6 | 300.4 | 345.5 | 390.8 | 412.7 | 386.7 | 331.5 | 288.5 | 259.7 |
| 70° | 197.7 | 211.2 | 230.7 | 260.8 | 300.2 | 338.3 | 354.7 | 331.5 | 284.1 | 247.2 | 226.5 |
| 72.5° | 169.3 | 180.4 | 197.5 | 224.5 | 256.1 | 289.2 | 303.6 | 281.4 | 242.4 | 211.3 | 191.9 |
| 75° | 130.9 | 138.4 | 150.3 | 168.9 | 193.9 | 220.1 | 228.2 | 208.7 | 183.8 | 160.5 | 147.7 |
| 77.5° | 93.7 | 100.1 | 109.1 | 120.8 | 138.5 | 155.2 | 162.2 | 151.0 | 131.7 | 116.9 | 106.5 |
| 80° | 72.0 | 75.3 | 83.0 | 92.7 | 106.7 | 117.2 | 121.9 | 114.7 | 101.2 | 90.2 | 82.1 |
| 82.5° | 51.3 | 54.7 | 59.3 | 67.3 | 76.2 | 83.4 | 88.4 | 83.6 | 73.8 | 65.1 | 60.4 |
| 85° | 24.9 | 27.1 | 29.6 | 33.0 | 39.8 | 44.0 | 43.6 | 40.6 | 36.9 | 33.4 | 30.9 |
| 87.5° | 9.0 | 9.5 | 10.6 | 12.5 | 13.6 | 15.1 | 15.8 | 15.3 | 14.0 | 13.1 | 12.1 |
| 90° | 1.1 | 1.7 | 2.4 | 3.0 | 3.6 | 4.2 | 4.7 | 5.3 | 6.0 | 6.4 | 6.8 |
| 92.5° | 9.4 | 9.9 | 10.4 | 10.8 | 11.3 | 12.1 | 12.8 | 13.5 | 14.2 | 14.8 | 15.2 |
| 95° | 24.2 | 24.4 | 24.5 | 24.7 | 25.2 | 26.0 | 26.8 | 27.6 | 28.5 | 29.0 | 29.6 |
| 97.5° | 39.9 | 40.0 | 40.1 | 40.2 | 40.8 | 41.9 | 43.0 | 44.2 | 45.3 | 45.8 | 46.4 |
| 100° | 51.8 | 51.8 | 51.8 | 51.8 | 52.3 | 53.3 | 54.4 | 55.4 | 56.5 | 57.3 | 58.0 |
| 102.5° | 64.7 | 65.1 | 65.5 | 65.8 | 66.2 | 66.8 | 67.3 | 67.8 | 68.3 | 69.1 | 70.0 |
| 105° | 84.6 | 85.0 | 85.4 | 85.9 | 86.3 | 86.8 | 87.3 | 87.8 | 88.3 | 88.8 | 89.3 |
| 107.5° | 106.6 | 107.0 | 107.4 | 107.8 | 108.2 | 108.5 | 108.9 | 109.3 | 109.7 | 109.9 | 110.1 |
| 110° | 121.6 | 122.1 | 122.5 | 122.9 | 123.2 | 123.4 | 123.7 | 123.9 | 124.2 | 124.4 | 124.7 |



TEST NUMBER: P333401-930

CATALOG NUMBER: S125DIW-S850D470U930-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 136.8 | 137.0 | 137.2 | 137.5 | 137.7 | 138.0 | 138.4 | 138.6 | 138.9 | 139.1 | 139.2 |
| 115° | 159.6 | 160.0 | 160.3 | 160.6 | 160.9 | 161.0 | 161.2 | 161.3 | 161.5 | 161.4 | 161.3 |
| 117.5° | 182.1 | 182.3 | 182.5 | 182.6 | 182.8 | 183.0 | 183.0 | 183.2 | 183.4 | 183.4 | 183.5 |
| 120° | 196.7 | 197.1 | 197.5 | 197.9 | 198.1 | 198.2 | 198.3 | 198.4 | 198.4 | 198.4 | 198.4 |
| 122.5° | 211.7 | 211.9 | 212.1 | 212.1 | 212.4 | 212.5 | 212.8 | 213.0 | 213.2 | 213.1 | 213.1 |
| 125° | 232.9 | 233.4 | 233.9 | 234.4 | 234.7 | 234.8 | 234.9 | 235.0 | 235.1 | 234.9 | 234.7 |
| 127.5° | 254.9 | 255.2 | 255.4 | 255.8 | 255.9 | 256.0 | 256.1 | 256.2 | 256.3 | 256.2 | 256.2 |
| 130° | 268.3 | 268.7 | 269.1 | 269.5 | 269.9 | 270.0 | 270.2 | 270.4 | 270.5 | 270.4 | 270.4 |
| 132.5° | 281.8 | 282.6 | 283.2 | 283.9 | 284.2 | 284.2 | 284.1 | 284.1 | 284.1 | 284.0 | 283.9 |
| 135° | 302.8 | 303.3 | 303.8 | 304.3 | 304.5 | 304.6 | 304.7 | 304.8 | 304.8 | 304.8 | 304.8 |
| 137.5° | 322.5 | 323.0 | 323.5 | 324.0 | 324.3 | 324.5 | 324.7 | 324.8 | 325.1 | 325.1 | 325.2 |
| 140° | 335.2 | 335.6 | 336.0 | 336.4 | 336.8 | 337.0 | 337.3 | 337.5 | 337.8 | 337.9 | 338.1 |
| 142.5° | 347.8 | 348.2 | 348.5 | 348.9 | 349.2 | 349.5 | 349.8 | 350.2 | 350.5 | 350.6 | 350.7 |
| 145° | 366.6 | 366.9 | 367.2 | 367.5 | 367.8 | 368.0 | 368.3 | 368.5 | 368.8 | 368.8 | 368.8 |
| 147.5° | 383.7 | 383.8 | 384.0 | 384.3 | 384.4 | 384.6 | 384.8 | 385.0 | 385.2 | 385.4 | 385.6 |
| 150° | 394.9 | 394.8 | 394.8 | 394.7 | 394.8 | 395.2 | 395.5 | 395.8 | 396.2 | 396.2 | 396.2 |
| 152.5° | 404.6 | 404.7 | 404.8 | 405.0 | 405.0 | 405.2 | 405.4 | 405.4 | 405.6 | 405.8 | 406.0 |
| 155° | 419.1 | 419.1 | 419.1 | 419.1 | 419.1 | 419.1 | 419.2 | 419.3 | 419.4 | 419.7 | 420.0 |
| 157.5° | 431.9 | 431.7 | 431.5 | 431.3 | 431.3 | 431.4 | 431.5 | 431.5 | 431.6 | 431.9 | 432.3 |
| 160° | 439.5 | 439.2 | 439.0 | 438.7 | 438.6 | 438.7 | 438.8 | 438.9 | 439.0 | 439.4 | 439.7 |
| 162.5° | 446.4 | 446.2 | 446.0 | 445.8 | 445.7 | 445.7 | 445.7 | 445.8 | 445.8 | 446.2 | 446.6 |
| 165° | 455.4 | 455.3 | 455.1 | 454.9 | 454.9 | 455.0 | 455.1 | 455.2 | 455.3 | 455.6 | 455.9 |
| 167.5° | 463.0 | 462.7 | 462.4 | 462.0 | 461.9 | 461.9 | 461.9 | 461.9 | 461.9 | 462.4 | 462.8 |
| 170° | 467.1 | 466.8 | 466.4 | 466.1 | 465.9 | 465.9 | 465.9 | 465.9 | 465.9 | 466.4 | 466.9 |
| 172.5° | 470.1 | 469.8 | 469.4 | 469.1 | 469.0 | 469.0 | 469.0 | 469.0 | 469.0 | 469.4 | 469.9 |
| 175° | 473.4 | 473.0 | 472.7 | 472.4 | 472.2 | 472.2 | 472.2 | 472.2 | 472.2 | 472.7 | 473.2 |
| 177.5° | 475.2 | 474.9 | 474.7 | 474.3 | 474.2 | 474.2 | 474.1 | 474.0 | 473.9 | 474.3 | 474.7 |
| 180° | 474.8 | 474.8 | 474.8 | 474.8 | 474.8 | 474.8 | 474.8 | 474.8 | 474.8 | 474.8 | 474.8 |



TEST NUMBER: P333401-930

CATALOG NUMBER: S125DIW-S850D470U930-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 997.4 | 997.4 | 997.4 | 997.4 | 997.4 | 997.4 | 997.4 |
| 2.5° | 1043.1 | 1045.9 | 1051.6 | 1049.5 | 1052.3 | 1053.6 | 1055.0 |
| 5° | 1127.4 | 1140.9 | 1146.9 | 1146.0 | 1154.9 | 1152.8 | 1150.6 |
| 7.5° | 1222.5 | 1236.8 | 1244.7 | 1254.7 | 1260.4 | 1260.8 | 1265.8 |
| 10° | 1276.4 | 1295.0 | 1302.7 | 1313.2 | 1320.0 | 1323.8 | 1323.4 |
| 12.5° | 1317.7 | 1332.3 | 1349.4 | 1354.5 | 1363.7 | 1368.5 | 1366.8 |
| 15° | 1367.4 | 1390.7 | 1408.5 | 1417.4 | 1428.8 | 1432.2 | 1436.9 |
| 17.5° | 1411.8 | 1443.0 | 1463.8 | 1491.3 | 1501.8 | 1508.1 | 1504.4 |
| 20° | 1445.3 | 1486.4 | 1507.2 | 1540.2 | 1558.4 | 1568.1 | 1564.7 |
| 22.5° | 1484.9 | 1529.4 | 1567.7 | 1596.4 | 1624.1 | 1637.2 | 1639.9 |
| 25° | 1552.8 | 1613.8 | 1670.1 | 1707.8 | 1742.1 | 1750.1 | 1767.9 |
| 27.5° | 1628.7 | 1700.6 | 1760.8 | 1800.4 | 1824.3 | 1833.3 | 1838.8 |
| 30° | 1676.5 | 1748.0 | 1793.3 | 1818.7 | 1826.4 | 1825.5 | 1824.6 |
| 32.5° | 1699.8 | 1744.7 | 1753.3 | 1746.2 | 1728.8 | 1714.1 | 1698.7 |
| 35° | 1666.7 | 1633.3 | 1583.3 | 1519.0 | 1471.5 | 1423.8 | 1419.0 |
| 37.5° | 1499.0 | 1392.0 | 1308.9 | 1216.0 | 1162.5 | 1129.4 | 1106.4 |
| 40° | 1341.2 | 1219.7 | 1118.9 | 1040.6 | 985.9 | 964.4 | 943.2 |
| 42.5° | 1169.8 | 1053.7 | 964.5 | 899.0 | 857.9 | 834.0 | 817.3 |
| 45° | 950.4 | 848.0 | 778.1 | 730.7 | 698.1 | 679.5 | 668.9 |
| 47.5° | 778.8 | 703.0 | 643.7 | 609.4 | 586.9 | 572.4 | 572.5 |
| 50° | 686.6 | 614.2 | 574.9 | 547.8 | 528.3 | 516.9 | 519.0 |
| 52.5° | 605.0 | 551.0 | 517.3 | 494.6 | 480.2 | 473.2 | 473.0 |
| 55° | 505.9 | 466.9 | 444.9 | 428.4 | 418.7 | 410.7 | 412.4 |
| 57.5° | 432.8 | 399.9 | 385.1 | 371.5 | 364.7 | 361.4 | 356.8 |
| 60° | 387.3 | 362.0 | 349.3 | 338.3 | 331.5 | 329.0 | 324.2 |
| 62.5° | 347.1 | 327.1 | 314.7 | 305.7 | 299.6 | 298.8 | 295.1 |
| 65° | 291.7 | 276.5 | 265.5 | 261.2 | 254.9 | 253.2 | 253.2 |
| 67.5° | 240.4 | 229.5 | 221.0 | 217.1 | 214.3 | 214.7 | 212.7 |
| 70° | 208.3 | 199.4 | 193.9 | 189.6 | 187.5 | 187.9 | 186.3 |
| 72.5° | 182.2 | 172.3 | 167.5 | 164.9 | 162.2 | 163.2 | 162.6 |
| 75° | 138.0 | 132.9 | 130.4 | 127.8 | 126.1 | 125.3 | 124.5 |
| 77.5° | 101.3 | 96.9 | 94.9 | 93.5 | 93.8 | 91.7 | 93.3 |
| 80° | 78.4 | 74.5 | 73.2 | 71.1 | 70.7 | 70.7 | 70.3 |
| 82.5° | 57.3 | 55.2 | 54.3 | 52.5 | 51.8 | 52.4 | 51.3 |
| 85° | 29.6 | 28.0 | 27.6 | 27.6 | 26.7 | 25.8 | 28.0 |
| 87.5° | 12.2 | 11.0 | 11.1 | 10.8 | 10.8 | 10.5 | 9.9 |
| 90° | 7.2 | 7.6 | 7.9 | 8.2 | 8.4 | 8.6 | 8.9 |
| 92.5° | 15.8 | 16.4 | 16.7 | 16.9 | 17.0 | 17.3 | 17.4 |
| 95° | 30.2 | 30.7 | 31.1 | 31.3 | 31.5 | 31.6 | 31.8 |
| 97.5° | 47.0 | 47.5 | 47.8 | 47.9 | 48.0 | 48.1 | 48.2 |
| 100° | 58.8 | 59.5 | 59.9 | 60.1 | 60.3 | 60.4 | 60.6 |
| 102.5° | 70.8 | 71.6 | 72.1 | 72.3 | 72.6 | 72.8 | 73.1 |
| 105° | 89.8 | 90.3 | 90.7 | 90.9 | 91.2 | 91.4 | 91.6 |
| 107.5° | 110.4 | 110.6 | 110.8 | 110.8 | 110.7 | 110.7 | 110.7 |
| 110° | 124.9 | 125.1 | 125.2 | 125.1 | 125.1 | 125.0 | 124.9 |



TEST NUMBER: P333401-930

CATALOG NUMBER: S125DIW-S850D470U930-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 139.3 | 139.4 | 139.4 | 139.3 | 139.1 | 138.9 | 138.8 |
| 115° | 161.3 | 161.2 | 161.1 | 161.0 | 160.9 | 160.9 | 160.8 |
| 117.5° | 183.5 | 183.6 | 183.5 | 183.2 | 182.9 | 182.5 | 182.1 |
| 120° | 198.4 | 198.4 | 198.3 | 198.0 | 197.6 | 197.3 | 197.0 |
| 122.5° | 213.0 | 213.0 | 212.8 | 212.5 | 212.3 | 212.0 | 211.7 |
| 125° | 234.6 | 234.4 | 234.2 | 234.2 | 234.1 | 234.0 | 233.9 |
| 127.5° | 256.1 | 256.0 | 255.8 | 255.7 | 255.5 | 255.4 | 255.2 |
| 130° | 270.3 | 270.2 | 270.0 | 269.9 | 269.7 | 269.5 | 269.4 |
| 132.5° | 283.8 | 283.7 | 283.6 | 283.4 | 283.2 | 282.9 | 282.7 |
| 135° | 304.8 | 304.8 | 304.7 | 304.4 | 304.0 | 303.7 | 303.4 |
| 137.5° | 325.3 | 325.5 | 325.3 | 324.9 | 324.5 | 324.0 | 323.6 |
| 140° | 338.3 | 338.4 | 338.3 | 337.9 | 337.5 | 337.0 | 336.6 |
| 142.5° | 350.7 | 350.8 | 350.7 | 350.3 | 349.8 | 349.4 | 349.0 |
| 145° | 368.8 | 368.8 | 368.7 | 368.4 | 368.2 | 367.9 | 367.7 |
| 147.5° | 385.8 | 386.0 | 385.8 | 385.2 | 384.7 | 384.1 | 383.6 |
| 150° | 396.2 | 396.2 | 396.1 | 395.9 | 395.7 | 395.6 | 395.4 |
| 152.5° | 406.2 | 406.3 | 406.3 | 406.0 | 405.8 | 405.4 | 405.1 |
| 155° | 420.4 | 420.7 | 420.7 | 420.3 | 419.9 | 419.5 | 419.1 |
| 157.5° | 432.6 | 432.9 | 432.8 | 432.3 | 431.7 | 431.2 | 430.6 |
| 160° | 440.0 | 440.3 | 440.3 | 439.9 | 439.4 | 439.0 | 438.6 |
| 162.5° | 446.9 | 447.4 | 447.4 | 446.9 | 446.4 | 445.9 | 445.4 |
| 165° | 456.2 | 456.6 | 456.5 | 456.0 | 455.5 | 455.0 | 454.5 |
| 167.5° | 463.3 | 463.8 | 463.8 | 463.3 | 462.8 | 462.3 | 461.8 |
| 170° | 467.4 | 468.0 | 467.9 | 467.3 | 466.8 | 466.2 | 465.6 |
| 172.5° | 470.4 | 470.9 | 470.9 | 470.3 | 469.9 | 469.4 | 468.9 |
| 175° | 473.8 | 474.3 | 474.2 | 473.6 | 473.0 | 472.5 | 471.9 |
| 177.5° | 475.2 | 475.6 | 475.5 | 475.1 | 474.6 | 474.1 | 473.7 |
| 180° | 474.8 | 474.8 | 474.8 | 474.8 | 474.8 | 474.8 | 474.8 |

(END OF REPORT)