

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: P332126

Luminaire Tested: **S123DIW-S560D755U835-4F0-1E-UDD-A**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P332126
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-5,
Test Lab: INNOVATION CENTER
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: NEO-RAY
Catalog Number: S123DIW-S560D755U835-4F0-1E-UDD-A
Description: DEFINE 3 DIRECT-INDIRECT WALL MOUNT LED LUMINAIRE
DOWNLIGHT 560 LUMENS PER FOOT, ASYMMETRIC DIFFUSER
UPLIGHT 755 LUMENS PER FOOT, NO LENS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5409.1 lumens
Efficiency: N/A
Efficacy: 143.9 lumens/watt
Spacing Criteria (0/90/45): 1.37 / 1.23 / 1.49
Luminous Opening: Rectangular (W 4' x L: 0.25' x H: 0')
CIE Type: General Diffuse

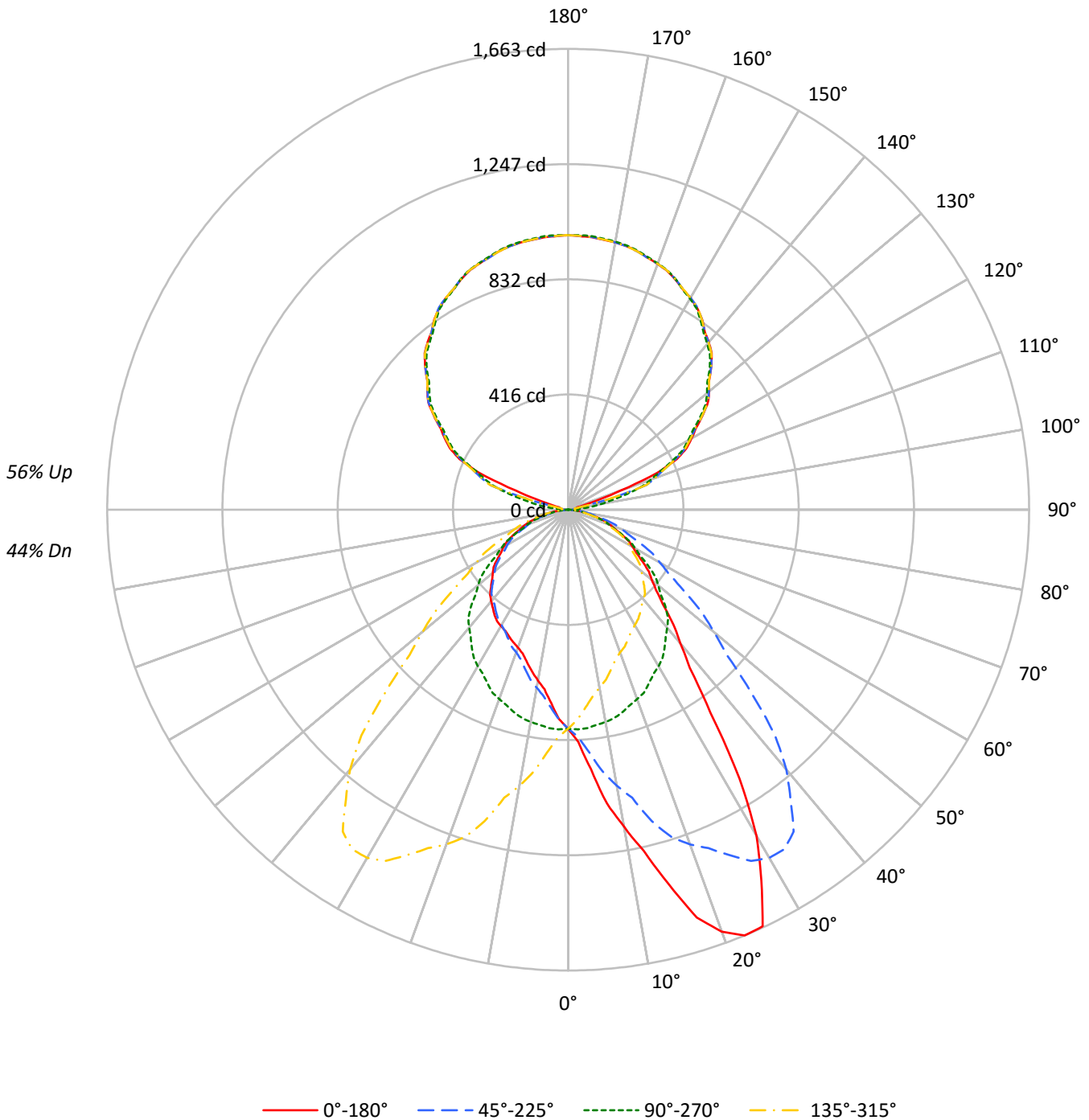
Input Watts (W): 37.6
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P332126

CATALOG NUMBER: S123DIW-S560D755U835-4F0-1E-UDD-A

Luminous Intensity Polar Plot





TEST NUMBER: P332126

CATALOG NUMBER: S123DIW-S560D755U835-4F0-1E-UDD-A

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

| | | | | | | | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|---|
| RF | 20 | | | | | 20 | | | | | 20 | | | | | 20 | | | | | 20 | |
| RC | 80 | | | | | 70 | | | | | 50 | | | | | 30 | | | | | 10 | 0 |
| RW | 70 | 50 | 30 | 10 | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 0 | |
| RCR | | | | | | | | | | | | | | | | | | | | | | |
| 0 | 106 | 106 | 106 | 106 | 97 | 97 | 97 | 97 | 80 | 80 | 80 | 65 | 65 | 65 | 51 | 51 | 51 | 44 | | | | |
| 1 | 97 | 93 | 89 | 85 | 88 | 85 | 82 | 79 | 71 | 68 | 66 | 57 | 56 | 54 | 45 | 44 | 43 | 38 | | | | |
| 2 | 88 | 81 | 75 | 70 | 81 | 74 | 69 | 65 | 62 | 58 | 55 | 51 | 48 | 46 | 40 | 38 | 37 | 32 | | | | |
| 3 | 81 | 71 | 64 | 59 | 74 | 66 | 59 | 55 | 55 | 50 | 47 | 45 | 42 | 39 | 36 | 33 | 32 | 27 | | | | |
| 4 | 74 | 63 | 56 | 50 | 67 | 58 | 52 | 46 | 49 | 44 | 40 | 40 | 36 | 33 | 32 | 29 | 27 | 24 | | | | |
| 5 | 68 | 56 | 48 | 43 | 62 | 52 | 45 | 40 | 44 | 38 | 34 | 36 | 32 | 29 | 29 | 26 | 24 | 21 | | | | |
| 6 | 62 | 51 | 43 | 37 | 57 | 47 | 40 | 35 | 39 | 34 | 30 | 33 | 29 | 26 | 26 | 23 | 21 | 18 | | | | |
| 7 | 58 | 46 | 38 | 32 | 53 | 42 | 35 | 30 | 36 | 30 | 26 | 30 | 26 | 23 | 24 | 21 | 19 | 16 | | | | |
| 8 | 54 | 41 | 34 | 29 | 49 | 38 | 32 | 27 | 33 | 27 | 23 | 27 | 23 | 20 | 22 | 19 | 17 | 14 | | | | |
| 9 | 50 | 38 | 30 | 25 | 46 | 35 | 28 | 24 | 30 | 25 | 21 | 25 | 21 | 18 | 20 | 17 | 15 | 13 | | | | |
| 10 | 46 | 35 | 27 | 23 | 43 | 32 | 26 | 21 | 27 | 22 | 19 | 23 | 19 | 16 | 19 | 16 | 14 | 12 | | | | |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|-------|------|------|------|
| 0° | 8509 | 8509 | 8509 | 8509 |
| 5° | 10147 | 8546 | 7573 | 8546 |
| 10° | 12701 | 8502 | 6840 | 8502 |
| 15° | 15578 | 8433 | 6367 | 8433 |
| 20° | 18558 | 8326 | 6063 | 8326 |
| 25° | 19705 | 8197 | 5995 | 8197 |
| 30° | 16890 | 8103 | 6027 | 8103 |
| 35° | 11746 | 7967 | 6089 | 7967 |
| 40° | 8847 | 7808 | 6070 | 7808 |
| 45° | 7346 | 7573 | 5993 | 7573 |
| 50° | 6581 | 7093 | 5940 | 7093 |
| 55° | 6152 | 6576 | 5864 | 6576 |
| 60° | 5772 | 6036 | 5804 | 6036 |
| 65° | 5422 | 5501 | 5619 | 5501 |
| 70° | 5086 | 4894 | 5350 | 4894 |
| 75° | 4554 | 4284 | 4907 | 4284 |
| 80° | 3986 | 3515 | 4228 | 3515 |
| 85° | 3125 | 2556 | 2841 | 2556 |



TEST NUMBER: P332126

CATALOG NUMBER: S123DIW-S560D755U835-4F0-1E-UDD-A

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 77.9 | 1.4 |
| 10°-20° | 249.7 | 4.6 |
| 20°-30° | 419.1 | 7.7 |
| 30°-40° | 474.5 | 8.8 |
| 40°-50° | 425.5 | 7.9 |
| 50°-60° | 343.4 | 6.3 |
| 60°-70° | 239.3 | 4.4 |
| 70°-80° | 125.8 | 2.3 |
| 80°-90° | 33.5 | 0.6 |
| 90°-100° | 36.0 | 0.7 |
| 100°-110° | 171.6 | 3.2 |
| 110°-120° | 412.3 | 7.6 |
| 120°-130° | 525.0 | 9.7 |
| 130°-140° | 560.9 | 10.4 |
| 140°-150° | 524.5 | 9.7 |
| 150°-160° | 423.1 | 7.8 |
| 160°-170° | 273.1 | 5.0 |
| 170°-180° | 94.1 | 1.7 |
| 0°-30° | 746.6 | 13.8 |
| 0°-40° | 1221.1 | 22.6 |
| 0°-60° | 1990.1 | 36.8 |
| 0°-90° | 2388.7 | 44.2 |
| 90°-120° | 619.9 | 11.5 |
| 90°-150° | 2230.2 | 41.2 |
| 90°-180° | 3020.0 | 55.8 |
| 0°-180° | 5409.1 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|------|-----|------|------|------|------|
| 0° | 790 | 790 | 790 | 790 | 790 | |
| 5° | 939 | 791 | 701 | 791 | 939 | 97 |
| 15° | 1398 | 757 | 571 | 757 | 1398 | 404 |
| 25° | 1659 | 690 | 505 | 690 | 1659 | 728 |
| 35° | 894 | 606 | 463 | 606 | 894 | 581 |
| 45° | 483 | 498 | 394 | 498 | 483 | 382 |
| 55° | 328 | 350 | 312 | 350 | 328 | 294 |
| 65° | 213 | 216 | 221 | 216 | 213 | 212 |
| 75° | 110 | 103 | 118 | 103 | 110 | 117 |
| 85° | 25 | 21 | 23 | 21 | 25 | 30 |
| 90° | 22 | 1 | 22 | 1 | 22 | 11 |
| 95° | 28 | 45 | 28 | 45 | 28 | 23 |
| 105° | 32 | 219 | 32 | 219 | 32 | 74 |
| 115° | 433 | 411 | 433 | 411 | 433 | 400 |
| 125° | 592 | 580 | 592 | 580 | 592 | 528 |
| 135° | 729 | 722 | 729 | 722 | 729 | 562 |
| 145° | 841 | 833 | 841 | 833 | 841 | 525 |
| 155° | 916 | 918 | 916 | 918 | 916 | 422 |
| 165° | 965 | 968 | 965 | 968 | 965 | 273 |
| 175° | 987 | 990 | 987 | 990 | 987 | 94 |
| 180° | 990 | 990 | 990 | 990 | 990 | |



TEST NUMBER: P332126

CATALOG NUMBER: S123DIW-S560D755U835-4F0-1E-UDD-A

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 790.5 | 790.5 | 790.5 | 790.5 | 790.5 | 790.5 | 790.5 | 790.5 | 790.5 | 790.5 | 790.5 |
| 2.5° | 838.9 | 838.3 | 836.8 | 838.0 | 835.5 | 832.2 | 831.9 | 828.8 | 819.9 | 819.3 | 816.9 |
| 5° | 939.1 | 936.0 | 935.7 | 935.3 | 929.9 | 922.6 | 908.8 | 907.7 | 889.3 | 880.1 | 869.0 |
| 7.5° | 1068.9 | 1070.5 | 1064.9 | 1060.0 | 1043.6 | 1032.8 | 1018.0 | 999.1 | 976.5 | 953.6 | 938.3 |
| 10° | 1162.0 | 1174.6 | 1158.9 | 1148.2 | 1138.3 | 1119.5 | 1097.7 | 1070.5 | 1043.3 | 1011.5 | 987.4 |
| 12.5° | 1261.9 | 1268.1 | 1265.0 | 1254.8 | 1239.4 | 1210.8 | 1172.1 | 1142.2 | 1117.1 | 1064.2 | 1042.8 |
| 15° | 1397.9 | 1421.3 | 1406.4 | 1371.9 | 1372.7 | 1345.5 | 1294.9 | 1239.4 | 1209.9 | 1163.5 | 1100.3 |
| 17.5° | 1542.9 | 1545.8 | 1539.4 | 1510.7 | 1491.5 | 1454.2 | 1407.5 | 1354.3 | 1294.5 | 1238.5 | 1171.4 |
| 20° | 1620.1 | 1617.8 | 1604.4 | 1589.4 | 1556.5 | 1527.4 | 1476.4 | 1417.1 | 1340.5 | 1285.3 | 1212.2 |
| 22.5° | 1663.0 | 1659.1 | 1652.8 | 1640.3 | 1612.9 | 1581.6 | 1535.9 | 1471.0 | 1398.1 | 1322.1 | 1237.6 |
| 25° | 1659.1 | 1664.1 | 1664.9 | 1661.4 | 1651.9 | 1633.1 | 1597.1 | 1545.4 | 1472.6 | 1375.0 | 1286.9 |
| 27.5° | 1509.0 | 1516.0 | 1536.5 | 1554.7 | 1575.0 | 1595.6 | 1592.9 | 1567.2 | 1513.4 | 1429.0 | 1321.3 |
| 30° | 1358.9 | 1343.5 | 1381.5 | 1429.3 | 1461.9 | 1519.3 | 1551.5 | 1553.4 | 1523.2 | 1450.8 | 1345.8 |
| 32.5° | 1150.5 | 1167.4 | 1184.1 | 1243.0 | 1314.2 | 1378.7 | 1442.7 | 1494.3 | 1500.2 | 1452.0 | 1360.2 |
| 35° | 893.9 | 915.0 | 945.6 | 976.3 | 1052.9 | 1118.7 | 1231.3 | 1329.4 | 1407.5 | 1417.8 | 1361.5 |
| 37.5° | 720.3 | 730.8 | 750.1 | 780.8 | 830.9 | 909.1 | 996.2 | 1120.1 | 1233.3 | 1317.5 | 1321.2 |
| 40° | 629.6 | 632.7 | 654.5 | 677.9 | 718.5 | 782.8 | 861.4 | 970.9 | 1106.5 | 1224.1 | 1273.1 |
| 42.5° | 561.6 | 568.4 | 577.6 | 600.1 | 632.4 | 680.8 | 753.8 | 844.4 | 968.6 | 1103.9 | 1199.8 |
| 45° | 482.6 | 490.2 | 496.0 | 510.9 | 533.9 | 566.4 | 617.4 | 700.1 | 794.7 | 934.5 | 1063.6 |
| 47.5° | 430.3 | 430.9 | 435.2 | 446.5 | 462.1 | 486.6 | 522.6 | 575.7 | 662.6 | 775.9 | 908.5 |
| 50° | 393.0 | 399.1 | 400.6 | 409.4 | 421.7 | 439.7 | 469.6 | 514.7 | 586.0 | 685.6 | 807.4 |
| 52.5° | 366.6 | 368.4 | 372.7 | 379.1 | 389.8 | 403.8 | 429.7 | 465.1 | 521.0 | 605.9 | 717.9 |
| 55° | 327.8 | 327.8 | 332.1 | 337.0 | 343.2 | 355.8 | 373.0 | 399.1 | 441.6 | 507.5 | 600.2 |
| 57.5° | 292.0 | 293.9 | 296.9 | 298.4 | 303.6 | 312.0 | 326.4 | 346.2 | 377.9 | 428.6 | 502.3 |
| 60° | 268.1 | 271.5 | 271.2 | 274.2 | 278.8 | 285.3 | 297.6 | 313.7 | 342.0 | 382.6 | 444.7 |
| 62.5° | 247.3 | 247.0 | 247.0 | 250.6 | 255.2 | 261.4 | 269.4 | 283.3 | 307.4 | 343.4 | 396.2 |
| 65° | 212.9 | 212.2 | 214.9 | 217.2 | 218.7 | 223.3 | 229.4 | 241.7 | 257.8 | 284.6 | 325.5 |
| 67.5° | 182.5 | 180.2 | 181.7 | 182.5 | 185.1 | 188.7 | 194.4 | 202.0 | 214.8 | 236.3 | 267.2 |
| 70° | 161.6 | 159.7 | 159.3 | 160.1 | 162.4 | 165.1 | 169.3 | 176.6 | 188.4 | 205.7 | 228.3 |
| 72.5° | 140.2 | 138.9 | 138.8 | 140.5 | 141.6 | 143.3 | 146.3 | 153.0 | 162.4 | 175.3 | 196.4 |
| 75° | 109.5 | 109.5 | 109.5 | 109.9 | 111.1 | 112.6 | 114.9 | 118.3 | 125.6 | 134.8 | 149.0 |
| 77.5° | 82.1 | 82.0 | 81.6 | 81.5 | 83.2 | 83.9 | 84.4 | 87.6 | 91.7 | 97.9 | 108.2 |
| 80° | 64.3 | 62.4 | 63.2 | 64.3 | 65.1 | 65.5 | 66.6 | 67.4 | 70.9 | 74.3 | 81.6 |
| 82.5° | 47.8 | 46.2 | 46.3 | 48.1 | 48.3 | 48.6 | 49.8 | 50.9 | 52.2 | 55.3 | 59.2 |
| 85° | 25.3 | 25.3 | 25.7 | 25.7 | 26.0 | 25.7 | 26.8 | 27.2 | 27.2 | 29.1 | 31.4 |
| 87.5° | 13.6 | 12.9 | 13.2 | 13.4 | 13.0 | 13.2 | 13.4 | 13.6 | 13.8 | 13.9 | 13.8 |
| 90° | 22.1 | 21.7 | 21.4 | 21.1 | 20.8 | 20.3 | 19.6 | 19.0 | 18.3 | 17.7 | 15.5 |
| 92.5° | 24.4 | 24.2 | 24.0 | 23.8 | 23.6 | 23.0 | 22.0 | 20.9 | 19.9 | 18.8 | 17.2 |
| 95° | 28.0 | 28.0 | 28.0 | 28.0 | 28.0 | 27.4 | 26.2 | 25.1 | 24.0 | 22.8 | 21.0 |
| 97.5° | 30.3 | 30.2 | 30.0 | 29.8 | 29.7 | 28.9 | 27.6 | 26.3 | 25.0 | 23.7 | 35.5 |
| 100° | 30.9 | 30.7 | 30.6 | 30.4 | 30.3 | 29.5 | 28.2 | 26.9 | 25.6 | 24.3 | 49.8 |
| 102.5° | 31.5 | 31.2 | 30.9 | 30.6 | 30.3 | 32.2 | 36.3 | 40.3 | 44.4 | 48.4 | 76.3 |
| 105° | 32.4 | 32.1 | 31.7 | 31.4 | 31.1 | 45.4 | 74.3 | 103.3 | 132.2 | 161.2 | 175.9 |
| 107.5° | 101.7 | 123.5 | 145.3 | 167.1 | 189.0 | 210.5 | 231.7 | 252.9 | 274.1 | 295.4 | 293.1 |
| 110° | 202.4 | 225.7 | 249.1 | 272.5 | 295.9 | 310.3 | 315.7 | 321.1 | 326.5 | 331.9 | 330.1 |



TEST NUMBER: P332126

CATALOG NUMBER: S123DIW-S560D755U835-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 347.2 | 352.1 | 357.1 | 362.0 | 366.9 | 369.4 | 369.3 | 369.2 | 369.1 | 369.0 | 367.2 |
| 115° | 432.7 | 432.0 | 431.4 | 430.7 | 430.1 | 428.9 | 427.3 | 425.7 | 424.0 | 422.4 | 420.9 |
| 117.5° | 480.7 | 480.5 | 480.4 | 480.3 | 480.1 | 479.4 | 478.1 | 476.8 | 475.5 | 474.2 | 473.4 |
| 120° | 513.6 | 513.6 | 513.6 | 513.6 | 513.6 | 513.0 | 511.7 | 510.4 | 509.1 | 507.7 | 507.3 |
| 122.5° | 546.0 | 545.9 | 545.7 | 545.6 | 545.5 | 545.0 | 544.0 | 543.1 | 542.2 | 541.3 | 540.7 |
| 125° | 591.6 | 591.3 | 591.0 | 590.7 | 590.3 | 590.0 | 589.7 | 589.3 | 589.0 | 588.7 | 588.0 |
| 127.5° | 635.5 | 635.8 | 636.1 | 636.5 | 636.8 | 636.7 | 636.2 | 635.7 | 635.1 | 634.6 | 633.8 |
| 130° | 663.7 | 664.1 | 664.4 | 664.7 | 665.1 | 664.9 | 664.2 | 663.6 | 662.9 | 662.3 | 661.6 |
| 132.5° | 689.6 | 690.1 | 690.6 | 691.0 | 691.5 | 691.4 | 690.7 | 690.1 | 689.4 | 688.8 | 688.2 |
| 135° | 729.2 | 729.7 | 730.2 | 730.7 | 731.2 | 731.2 | 730.7 | 730.2 | 729.7 | 729.2 | 728.6 |
| 137.5° | 766.5 | 766.8 | 767.1 | 767.5 | 767.8 | 767.6 | 766.8 | 766.0 | 765.2 | 764.4 | 764.1 |
| 140° | 788.8 | 789.2 | 789.5 | 789.8 | 790.2 | 790.0 | 789.3 | 788.7 | 788.0 | 787.4 | 786.9 |
| 142.5° | 809.4 | 809.9 | 810.4 | 810.8 | 811.3 | 811.2 | 810.7 | 810.2 | 809.7 | 809.2 | 808.7 |
| 145° | 841.1 | 841.1 | 841.1 | 841.1 | 841.1 | 840.9 | 840.6 | 840.3 | 839.9 | 839.6 | 839.3 |
| 147.5° | 864.6 | 865.4 | 866.1 | 866.9 | 867.6 | 867.9 | 867.5 | 867.2 | 866.9 | 866.5 | 866.2 |
| 150° | 882.3 | 882.8 | 883.3 | 883.8 | 884.3 | 884.3 | 884.0 | 883.7 | 883.4 | 883.0 | 882.7 |
| 152.5° | 896.4 | 897.2 | 897.9 | 898.7 | 899.4 | 899.5 | 898.9 | 898.3 | 897.7 | 897.2 | 897.0 |
| 155° | 916.1 | 917.1 | 918.1 | 919.1 | 920.1 | 920.2 | 919.3 | 918.5 | 917.7 | 916.9 | 916.7 |
| 157.5° | 932.8 | 934.1 | 935.3 | 936.6 | 937.9 | 938.0 | 937.0 | 936.1 | 935.1 | 934.1 | 934.3 |
| 160° | 943.4 | 944.5 | 945.7 | 946.8 | 948.0 | 948.0 | 947.1 | 946.1 | 945.1 | 944.1 | 944.3 |
| 162.5° | 953.4 | 954.4 | 955.4 | 956.4 | 957.4 | 957.4 | 956.3 | 955.2 | 954.1 | 952.9 | 953.1 |
| 165° | 965.4 | 966.6 | 967.7 | 968.9 | 970.0 | 969.9 | 968.6 | 967.3 | 966.0 | 964.7 | 964.9 |
| 167.5° | 974.1 | 975.4 | 976.7 | 978.1 | 979.4 | 979.4 | 978.1 | 976.7 | 975.4 | 974.1 | 974.1 |
| 170° | 979.4 | 980.7 | 982.0 | 983.4 | 984.7 | 984.7 | 983.4 | 982.0 | 980.7 | 979.4 | 979.4 |
| 172.5° | 982.4 | 983.8 | 985.3 | 986.7 | 988.1 | 988.2 | 986.9 | 985.6 | 984.3 | 983.0 | 982.8 |
| 175° | 986.8 | 988.1 | 989.4 | 990.7 | 992.0 | 992.1 | 991.0 | 989.8 | 988.7 | 987.5 | 987.4 |
| 177.5° | 988.1 | 989.4 | 990.7 | 992.0 | 993.3 | 993.5 | 992.4 | 991.4 | 990.3 | 989.3 | 989.2 |
| 180° | 990.5 | 990.5 | 990.5 | 990.5 | 990.5 | 990.5 | 990.5 | 990.5 | 990.5 | 990.5 | 990.5 |



TEST NUMBER: P332126

CATALOG NUMBER: S123DIW-S560D755U835-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 790.5 | 790.5 | 790.5 | 790.5 | 790.5 | 790.5 | 790.5 | 790.5 | 790.5 | 790.5 | 790.5 |
| 2.5° | 815.0 | 812.6 | 810.1 | 805.8 | 802.1 | 796.9 | 795.4 | 793.6 | 788.1 | 783.1 | 779.5 |
| 5° | 864.8 | 855.6 | 842.2 | 829.9 | 820.0 | 806.6 | 798.9 | 790.9 | 779.4 | 769.1 | 760.6 |
| 7.5° | 916.9 | 898.8 | 878.0 | 855.5 | 834.5 | 814.2 | 797.9 | 783.4 | 767.3 | 752.0 | 740.2 |
| 10° | 958.3 | 932.2 | 903.1 | 871.7 | 844.9 | 818.8 | 797.0 | 777.9 | 757.2 | 739.2 | 724.2 |
| 12.5° | 1005.4 | 966.8 | 926.7 | 888.5 | 856.8 | 820.7 | 794.3 | 769.9 | 746.5 | 724.8 | 708.0 |
| 15° | 1061.3 | 1012.3 | 964.8 | 912.3 | 864.0 | 818.8 | 787.4 | 756.8 | 729.6 | 707.4 | 685.9 |
| 17.5° | 1112.1 | 1056.6 | 994.0 | 930.2 | 872.0 | 818.4 | 774.4 | 739.8 | 705.8 | 678.6 | 657.2 |
| 20° | 1140.9 | 1077.7 | 1006.9 | 940.6 | 876.3 | 816.5 | 768.3 | 726.9 | 690.2 | 661.4 | 637.3 |
| 22.5° | 1165.8 | 1091.8 | 1018.5 | 947.7 | 876.0 | 811.6 | 757.0 | 714.4 | 674.5 | 646.4 | 620.8 |
| 25° | 1191.5 | 1103.0 | 1029.5 | 946.4 | 866.3 | 799.7 | 738.4 | 690.2 | 650.3 | 617.4 | 591.0 |
| 27.5° | 1213.6 | 1102.3 | 1015.0 | 925.6 | 851.2 | 784.4 | 719.0 | 667.2 | 624.9 | 589.1 | 562.3 |
| 30° | 1228.3 | 1103.8 | 1000.0 | 911.5 | 836.5 | 767.5 | 703.9 | 651.9 | 607.4 | 571.0 | 545.8 |
| 32.5° | 1237.5 | 1102.9 | 986.2 | 891.9 | 813.2 | 752.2 | 687.7 | 633.8 | 588.1 | 552.4 | 528.0 |
| 35° | 1242.8 | 1096.1 | 962.5 | 851.4 | 775.6 | 716.2 | 662.2 | 606.3 | 558.4 | 525.1 | 497.5 |
| 37.5° | 1232.1 | 1082.0 | 934.9 | 812.3 | 729.3 | 670.9 | 625.4 | 577.8 | 532.0 | 495.3 | 471.5 |
| 40° | 1215.2 | 1072.8 | 913.4 | 784.8 | 697.4 | 641.1 | 602.5 | 555.7 | 510.5 | 475.7 | 453.5 |
| 42.5° | 1183.1 | 1054.1 | 889.9 | 754.1 | 664.3 | 608.0 | 572.4 | 533.4 | 490.6 | 457.9 | 435.7 |
| 45° | 1104.6 | 1013.4 | 854.5 | 708.2 | 615.5 | 557.3 | 525.9 | 497.5 | 458.8 | 427.0 | 407.9 |
| 47.5° | 995.6 | 952.2 | 803.3 | 659.7 | 564.5 | 508.5 | 475.8 | 453.0 | 424.7 | 399.1 | 380.7 |
| 50° | 920.0 | 902.0 | 768.7 | 626.6 | 530.4 | 475.7 | 444.3 | 423.6 | 403.3 | 377.6 | 360.8 |
| 52.5° | 832.6 | 843.7 | 728.2 | 592.3 | 495.8 | 442.0 | 412.4 | 396.0 | 377.6 | 356.5 | 341.8 |
| 55° | 709.7 | 749.9 | 658.4 | 534.7 | 444.3 | 393.0 | 365.0 | 350.4 | 339.7 | 324.0 | 311.4 |
| 57.5° | 594.6 | 645.7 | 582.8 | 475.3 | 393.6 | 349.4 | 322.6 | 306.7 | 299.8 | 291.6 | 281.7 |
| 60° | 526.2 | 576.8 | 528.9 | 435.5 | 359.6 | 317.5 | 293.8 | 280.4 | 273.5 | 267.7 | 259.3 |
| 62.5° | 465.3 | 516.4 | 476.2 | 395.0 | 326.2 | 287.2 | 266.5 | 253.4 | 248.0 | 245.0 | 237.8 |
| 65° | 381.5 | 425.5 | 398.7 | 332.1 | 278.4 | 244.0 | 225.2 | 216.0 | 211.0 | 209.9 | 205.3 |
| 67.5° | 310.5 | 344.0 | 324.5 | 275.4 | 233.2 | 203.4 | 187.5 | 179.7 | 175.9 | 175.5 | 172.0 |
| 70° | 263.9 | 295.3 | 280.4 | 235.9 | 199.5 | 176.2 | 162.4 | 155.5 | 153.2 | 152.8 | 150.9 |
| 72.5° | 227.7 | 249.6 | 237.8 | 200.7 | 172.6 | 151.4 | 141.2 | 134.0 | 131.4 | 132.0 | 130.7 |
| 75° | 168.5 | 185.0 | 178.1 | 152.4 | 129.8 | 116.0 | 107.6 | 103.0 | 100.7 | 101.9 | 100.3 |
| 77.5° | 121.3 | 131.7 | 125.5 | 107.7 | 93.8 | 83.8 | 77.6 | 74.8 | 72.7 | 72.6 | 71.9 |
| 80° | 91.5 | 97.7 | 94.2 | 83.5 | 72.0 | 63.6 | 58.6 | 56.7 | 55.5 | 55.2 | 54.8 |
| 82.5° | 65.2 | 70.4 | 66.3 | 59.0 | 51.2 | 46.1 | 43.3 | 40.8 | 39.9 | 40.1 | 39.8 |
| 85° | 32.9 | 34.9 | 33.3 | 28.7 | 25.7 | 23.4 | 21.8 | 20.7 | 19.9 | 20.3 | 19.5 |
| 87.5° | 14.0 | 13.9 | 12.6 | 11.0 | 10.0 | 8.8 | 8.4 | 7.5 | 7.2 | 7.5 | 7.6 |
| 90° | 13.4 | 11.3 | 9.2 | 7.3 | 5.6 | 4.0 | 2.4 | 0.7 | 2.4 | 4.0 | 5.6 |
| 92.5° | 15.6 | 14.0 | 12.4 | 11.9 | 12.3 | 12.8 | 13.2 | 13.7 | 13.2 | 12.8 | 12.3 |
| 95° | 19.2 | 17.4 | 15.6 | 18.1 | 24.8 | 31.5 | 38.2 | 44.9 | 38.2 | 31.5 | 24.8 |
| 97.5° | 47.2 | 59.0 | 70.8 | 78.2 | 81.2 | 84.2 | 87.2 | 90.2 | 87.2 | 84.2 | 81.2 |
| 100° | 75.3 | 100.8 | 126.3 | 137.4 | 134.2 | 130.9 | 127.6 | 124.4 | 127.6 | 130.9 | 134.2 |
| 102.5° | 104.1 | 132.0 | 159.9 | 172.6 | 170.3 | 167.9 | 165.6 | 163.2 | 165.6 | 167.9 | 170.3 |
| 105° | 190.6 | 205.3 | 220.0 | 226.5 | 224.7 | 222.9 | 221.1 | 219.3 | 221.1 | 222.9 | 224.7 |
| 107.5° | 290.7 | 288.4 | 286.1 | 284.2 | 282.8 | 281.3 | 279.9 | 278.4 | 279.9 | 281.3 | 282.8 |
| 110° | 328.3 | 326.5 | 324.7 | 323.1 | 321.8 | 320.5 | 319.2 | 317.9 | 319.2 | 320.5 | 321.8 |



TEST NUMBER: P332126

CATALOG NUMBER: S123DIW-S560D755U835-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 365.4 | 363.6 | 361.8 | 360.3 | 359.1 | 357.9 | 356.7 | 355.6 | 356.7 | 357.9 | 359.1 |
| 115° | 419.4 | 418.0 | 416.5 | 415.3 | 414.3 | 413.3 | 412.3 | 411.3 | 412.3 | 413.3 | 414.3 |
| 117.5° | 472.7 | 471.9 | 471.2 | 470.2 | 469.0 | 467.8 | 466.6 | 465.4 | 466.6 | 467.8 | 469.0 |
| 120° | 506.8 | 506.3 | 505.8 | 504.8 | 503.3 | 501.9 | 500.4 | 498.9 | 500.4 | 501.9 | 503.3 |
| 122.5° | 540.1 | 539.4 | 538.8 | 537.9 | 536.7 | 535.5 | 534.3 | 533.1 | 534.3 | 535.5 | 536.7 |
| 125° | 587.4 | 586.7 | 586.1 | 585.1 | 583.8 | 582.5 | 581.2 | 579.9 | 581.2 | 582.5 | 583.8 |
| 127.5° | 633.0 | 632.3 | 631.5 | 630.4 | 629.1 | 627.8 | 626.5 | 625.2 | 626.5 | 627.8 | 629.1 |
| 130° | 661.0 | 660.3 | 659.7 | 658.7 | 657.4 | 656.1 | 654.8 | 653.4 | 654.8 | 656.1 | 657.4 |
| 132.5° | 687.7 | 687.2 | 686.7 | 685.8 | 684.4 | 683.1 | 681.8 | 680.5 | 681.8 | 683.1 | 684.4 |
| 135° | 727.9 | 727.3 | 726.6 | 725.8 | 724.8 | 723.8 | 722.9 | 721.9 | 722.9 | 723.8 | 724.8 |
| 137.5° | 763.7 | 763.3 | 763.0 | 762.2 | 760.9 | 759.7 | 758.4 | 757.2 | 758.4 | 759.7 | 760.9 |
| 140° | 786.4 | 785.9 | 785.4 | 784.7 | 783.7 | 782.7 | 781.7 | 780.7 | 781.7 | 782.7 | 783.7 |
| 142.5° | 808.2 | 807.7 | 807.2 | 806.5 | 805.5 | 804.5 | 803.5 | 802.5 | 803.5 | 804.5 | 805.5 |
| 145° | 839.0 | 838.6 | 838.3 | 837.6 | 836.4 | 835.3 | 834.1 | 833.0 | 834.1 | 835.3 | 836.4 |
| 147.5° | 865.9 | 865.6 | 865.2 | 864.7 | 863.9 | 863.2 | 862.4 | 861.7 | 862.4 | 863.2 | 863.9 |
| 150° | 882.4 | 882.1 | 881.7 | 881.3 | 880.8 | 880.3 | 879.8 | 879.4 | 879.8 | 880.3 | 880.8 |
| 152.5° | 896.8 | 896.6 | 896.4 | 896.2 | 895.9 | 895.7 | 895.5 | 895.2 | 895.5 | 895.7 | 895.9 |
| 155° | 916.6 | 916.4 | 916.2 | 916.3 | 916.6 | 917.0 | 917.3 | 917.6 | 917.3 | 917.0 | 916.6 |
| 157.5° | 934.4 | 934.6 | 934.8 | 934.9 | 934.9 | 934.9 | 935.0 | 935.0 | 935.0 | 934.9 | 934.9 |
| 160° | 944.4 | 944.6 | 944.8 | 944.9 | 945.1 | 945.3 | 945.4 | 945.6 | 945.4 | 945.3 | 945.1 |
| 162.5° | 953.3 | 953.4 | 953.6 | 953.9 | 954.3 | 954.7 | 955.2 | 955.6 | 955.2 | 954.7 | 954.3 |
| 165° | 965.0 | 965.2 | 965.4 | 965.7 | 966.2 | 966.7 | 967.2 | 967.7 | 967.2 | 966.7 | 966.2 |
| 167.5° | 974.1 | 974.1 | 974.1 | 974.5 | 975.1 | 975.8 | 976.4 | 977.1 | 976.4 | 975.8 | 975.1 |
| 170° | 979.4 | 979.4 | 979.4 | 979.8 | 980.4 | 981.1 | 981.7 | 982.4 | 981.7 | 981.1 | 980.4 |
| 172.5° | 982.7 | 982.6 | 982.4 | 982.8 | 983.6 | 984.3 | 985.1 | 985.9 | 985.1 | 984.3 | 983.6 |
| 175° | 987.2 | 987.0 | 986.9 | 987.2 | 988.0 | 988.8 | 989.6 | 990.5 | 989.6 | 988.8 | 988.0 |
| 177.5° | 989.0 | 988.9 | 988.8 | 989.0 | 989.7 | 990.3 | 991.0 | 991.6 | 991.0 | 990.3 | 989.7 |
| 180° | 990.5 | 990.5 | 990.5 | 990.5 | 990.5 | 990.5 | 990.5 | 990.5 | 990.5 | 990.5 | 990.5 |



TEST NUMBER: P332126

CATALOG NUMBER: S123DIW-S560D755U835-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 790.5 | 790.5 | 790.5 | 790.5 | 790.5 | 790.5 | 790.5 | 790.5 | 790.5 | 790.5 | 790.5 |
| 2.5° | 777.3 | 775.2 | 772.1 | 767.5 | 763.8 | 758.0 | 758.0 | 758.9 | 758.9 | 758.6 | 758.0 |
| 5° | 753.7 | 748.0 | 741.1 | 733.1 | 724.6 | 716.2 | 714.7 | 711.6 | 709.3 | 707.8 | 705.9 |
| 7.5° | 728.8 | 718.7 | 708.6 | 697.4 | 687.1 | 678.6 | 672.7 | 667.8 | 664.6 | 661.3 | 658.8 |
| 10° | 712.0 | 699.3 | 687.5 | 675.6 | 662.6 | 652.2 | 645.7 | 641.1 | 637.7 | 634.6 | 633.1 |
| 12.5° | 692.1 | 677.6 | 664.5 | 653.2 | 639.0 | 628.3 | 622.1 | 620.0 | 615.9 | 609.5 | 606.1 |
| 15° | 663.0 | 649.6 | 633.9 | 616.6 | 609.7 | 596.7 | 589.4 | 586.0 | 583.7 | 578.7 | 577.2 |
| 17.5° | 638.1 | 620.5 | 602.9 | 590.0 | 577.2 | 566.7 | 562.6 | 558.3 | 555.3 | 551.2 | 550.0 |
| 20° | 618.2 | 602.5 | 586.4 | 572.6 | 559.2 | 547.7 | 544.2 | 541.2 | 538.1 | 536.2 | 534.7 |
| 22.5° | 597.9 | 582.2 | 568.9 | 556.0 | 541.7 | 534.2 | 530.4 | 527.1 | 524.9 | 523.6 | 522.1 |
| 25° | 569.5 | 555.7 | 540.8 | 529.3 | 517.8 | 512.8 | 510.5 | 508.6 | 507.1 | 505.2 | 504.8 |
| 27.5° | 544.1 | 529.1 | 517.0 | 506.2 | 498.0 | 493.8 | 491.6 | 490.7 | 491.0 | 491.7 | 492.1 |
| 30° | 525.1 | 511.3 | 501.3 | 492.1 | 484.5 | 480.7 | 480.3 | 480.3 | 481.8 | 482.2 | 483.0 |
| 32.5° | 507.6 | 496.3 | 486.3 | 477.4 | 471.6 | 469.0 | 470.5 | 470.5 | 471.7 | 472.7 | 474.1 |
| 35° | 482.2 | 472.2 | 464.6 | 456.9 | 451.9 | 453.1 | 453.8 | 454.6 | 456.5 | 458.8 | 460.4 |
| 37.5° | 457.9 | 449.3 | 441.3 | 435.3 | 433.0 | 435.1 | 436.9 | 438.5 | 440.8 | 442.5 | 444.0 |
| 40° | 440.4 | 433.9 | 426.3 | 420.9 | 421.7 | 422.8 | 424.4 | 426.3 | 428.2 | 429.3 | 430.9 |
| 42.5° | 424.2 | 417.4 | 411.6 | 407.1 | 408.2 | 409.7 | 410.6 | 411.6 | 413.8 | 415.9 | 416.8 |
| 45° | 399.5 | 394.1 | 388.7 | 386.1 | 386.8 | 387.6 | 388.4 | 389.5 | 391.4 | 393.0 | 393.3 |
| 47.5° | 371.7 | 367.9 | 364.3 | 361.7 | 362.9 | 362.6 | 363.6 | 366.1 | 366.7 | 367.6 | 369.7 |
| 50° | 353.9 | 350.4 | 346.2 | 345.5 | 345.5 | 345.5 | 345.8 | 348.9 | 348.9 | 350.4 | 352.0 |
| 52.5° | 334.3 | 332.1 | 329.4 | 328.0 | 327.4 | 327.4 | 329.0 | 330.5 | 331.1 | 333.3 | 334.8 |
| 55° | 305.2 | 302.9 | 300.7 | 299.5 | 298.7 | 299.5 | 302.6 | 303.3 | 305.2 | 306.4 | 307.5 |
| 57.5° | 275.0 | 273.2 | 271.4 | 270.8 | 270.6 | 271.6 | 273.3 | 275.6 | 276.1 | 279.6 | 281.3 |
| 60° | 255.1 | 252.4 | 250.9 | 250.9 | 250.1 | 253.5 | 252.8 | 256.6 | 257.4 | 259.7 | 262.4 |
| 62.5° | 234.5 | 230.9 | 230.3 | 230.3 | 231.4 | 232.4 | 233.5 | 235.2 | 237.2 | 240.1 | 242.1 |
| 65° | 201.5 | 199.5 | 202.2 | 201.8 | 201.1 | 203.4 | 203.4 | 205.3 | 207.6 | 210.3 | 214.5 |
| 67.5° | 170.1 | 169.1 | 169.4 | 169.4 | 170.5 | 171.8 | 172.9 | 174.6 | 177.3 | 180.2 | 182.9 |
| 70° | 149.0 | 150.1 | 148.2 | 149.8 | 150.9 | 151.3 | 152.0 | 154.3 | 157.4 | 159.3 | 162.4 |
| 72.5° | 128.5 | 128.4 | 128.6 | 129.2 | 130.4 | 131.1 | 131.8 | 134.4 | 137.8 | 139.4 | 141.9 |
| 75° | 98.8 | 98.4 | 99.6 | 99.6 | 101.5 | 102.3 | 103.0 | 104.2 | 107.2 | 109.5 | 111.5 |
| 77.5° | 72.2 | 72.6 | 72.4 | 73.7 | 73.2 | 73.3 | 75.7 | 76.8 | 77.1 | 81.7 | 82.7 |
| 80° | 54.4 | 55.2 | 55.5 | 55.9 | 56.3 | 55.5 | 58.2 | 59.4 | 59.4 | 62.0 | 64.0 |
| 82.5° | 39.1 | 39.5 | 40.5 | 40.9 | 41.0 | 41.7 | 42.0 | 42.8 | 43.7 | 44.9 | 47.4 |
| 85° | 19.5 | 20.7 | 21.1 | 20.7 | 21.1 | 20.3 | 21.4 | 21.8 | 22.2 | 22.2 | 22.2 |
| 87.5° | 7.6 | 8.3 | 8.4 | 9.1 | 9.2 | 10.0 | 10.1 | 9.6 | 9.7 | 10.8 | 9.7 |
| 90° | 7.3 | 9.2 | 11.3 | 13.4 | 15.5 | 17.7 | 18.3 | 19.0 | 19.6 | 20.3 | 20.8 |
| 92.5° | 11.9 | 12.4 | 14.0 | 15.6 | 17.2 | 18.8 | 19.9 | 20.9 | 22.0 | 23.0 | 23.6 |
| 95° | 18.1 | 15.6 | 17.4 | 19.2 | 21.0 | 22.8 | 24.0 | 25.1 | 26.2 | 27.4 | 28.0 |
| 97.5° | 78.2 | 70.8 | 59.0 | 47.2 | 35.5 | 23.7 | 25.0 | 26.3 | 27.6 | 28.9 | 29.7 |
| 100° | 137.4 | 126.3 | 100.8 | 75.3 | 49.8 | 24.3 | 25.6 | 26.9 | 28.2 | 29.5 | 30.3 |
| 102.5° | 172.6 | 159.9 | 132.0 | 104.1 | 76.3 | 48.4 | 44.4 | 40.3 | 36.3 | 32.2 | 30.3 |
| 105° | 226.5 | 220.0 | 205.3 | 190.6 | 175.9 | 161.2 | 132.2 | 103.3 | 74.3 | 45.4 | 31.1 |
| 107.5° | 284.2 | 286.1 | 288.4 | 290.7 | 293.1 | 295.4 | 274.1 | 252.9 | 231.7 | 210.5 | 189.0 |
| 110° | 323.1 | 324.7 | 326.5 | 328.3 | 330.1 | 331.9 | 326.5 | 321.1 | 315.7 | 310.3 | 295.9 |



TEST NUMBER: P332126

CATALOG NUMBER: S123DIW-S560D755U835-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 360.3 | 361.8 | 363.6 | 365.4 | 367.2 | 369.0 | 369.1 | 369.2 | 369.3 | 369.4 | 366.9 |
| 115° | 415.3 | 416.5 | 418.0 | 419.4 | 420.9 | 422.4 | 424.0 | 425.7 | 427.3 | 428.9 | 430.1 |
| 117.5° | 470.2 | 471.2 | 471.9 | 472.7 | 473.4 | 474.2 | 475.5 | 476.8 | 478.1 | 479.4 | 480.1 |
| 120° | 504.8 | 505.8 | 506.3 | 506.8 | 507.3 | 507.7 | 509.1 | 510.4 | 511.7 | 513.0 | 513.6 |
| 122.5° | 537.9 | 538.8 | 539.4 | 540.1 | 540.7 | 541.3 | 542.2 | 543.1 | 544.0 | 545.0 | 545.5 |
| 125° | 585.1 | 586.1 | 586.7 | 587.4 | 588.0 | 588.7 | 589.0 | 589.3 | 589.7 | 590.0 | 590.3 |
| 127.5° | 630.4 | 631.5 | 632.3 | 633.0 | 633.8 | 634.6 | 635.1 | 635.7 | 636.2 | 636.7 | 636.8 |
| 130° | 658.7 | 659.7 | 660.3 | 661.0 | 661.6 | 662.3 | 662.9 | 663.6 | 664.2 | 664.9 | 665.1 |
| 132.5° | 685.8 | 686.7 | 687.2 | 687.7 | 688.2 | 688.8 | 689.4 | 690.1 | 690.7 | 691.4 | 691.5 |
| 135° | 725.8 | 726.6 | 727.3 | 727.9 | 728.6 | 729.2 | 729.7 | 730.2 | 730.7 | 731.2 | 731.2 |
| 137.5° | 762.2 | 763.0 | 763.3 | 763.7 | 764.1 | 764.4 | 765.2 | 766.0 | 766.8 | 767.6 | 767.8 |
| 140° | 784.7 | 785.4 | 785.9 | 786.4 | 786.9 | 787.4 | 788.0 | 788.7 | 789.3 | 790.0 | 790.2 |
| 142.5° | 806.5 | 807.2 | 807.7 | 808.2 | 808.7 | 809.2 | 809.7 | 810.2 | 810.7 | 811.2 | 811.3 |
| 145° | 837.6 | 838.3 | 838.6 | 839.0 | 839.3 | 839.6 | 839.9 | 840.3 | 840.6 | 840.9 | 841.1 |
| 147.5° | 864.7 | 865.2 | 865.6 | 865.9 | 866.2 | 866.5 | 866.9 | 867.2 | 867.5 | 867.9 | 867.6 |
| 150° | 881.3 | 881.7 | 882.1 | 882.4 | 882.7 | 883.0 | 883.4 | 883.7 | 884.0 | 884.3 | 884.3 |
| 152.5° | 896.2 | 896.4 | 896.6 | 896.8 | 897.0 | 897.2 | 897.7 | 898.3 | 898.9 | 899.5 | 899.4 |
| 155° | 916.3 | 916.2 | 916.4 | 916.6 | 916.7 | 916.9 | 917.7 | 918.5 | 919.3 | 920.2 | 920.1 |
| 157.5° | 934.9 | 934.8 | 934.6 | 934.4 | 934.3 | 934.1 | 935.1 | 936.1 | 937.0 | 938.0 | 937.9 |
| 160° | 944.9 | 944.8 | 944.6 | 944.4 | 944.3 | 944.1 | 945.1 | 946.1 | 947.1 | 948.0 | 948.0 |
| 162.5° | 953.9 | 953.6 | 953.4 | 953.3 | 953.1 | 952.9 | 954.1 | 955.2 | 956.3 | 957.4 | 957.4 |
| 165° | 965.7 | 965.4 | 965.2 | 965.0 | 964.9 | 964.7 | 966.0 | 967.3 | 968.6 | 969.9 | 970.0 |
| 167.5° | 974.5 | 974.1 | 974.1 | 974.1 | 974.1 | 974.1 | 975.4 | 976.7 | 978.1 | 979.4 | 979.4 |
| 170° | 979.8 | 979.4 | 979.4 | 979.4 | 979.4 | 979.4 | 980.7 | 982.0 | 983.4 | 984.7 | 984.7 |
| 172.5° | 982.8 | 982.4 | 982.6 | 982.7 | 982.8 | 983.0 | 984.3 | 985.6 | 986.9 | 988.2 | 988.1 |
| 175° | 987.2 | 986.9 | 987.0 | 987.2 | 987.4 | 987.5 | 988.7 | 989.8 | 991.0 | 992.1 | 992.0 |
| 177.5° | 989.0 | 988.8 | 988.9 | 989.0 | 989.2 | 989.3 | 990.3 | 991.4 | 992.4 | 993.5 | 993.3 |
| 180° | 990.5 | 990.5 | 990.5 | 990.5 | 990.5 | 990.5 | 990.5 | 990.5 | 990.5 | 990.5 | 990.5 |



TEST NUMBER: P332126

CATALOG NUMBER: S123DIW-S560D755U835-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 790.5 | 790.5 | 790.5 | 790.5 | 790.5 | 790.5 | 790.5 | 790.5 | 790.5 | 790.5 | 790.5 |
| 2.5° | 755.9 | 755.6 | 757.7 | 756.2 | 757.7 | 755.6 | 755.9 | 758.0 | 758.6 | 758.9 | 758.9 |
| 5° | 703.6 | 704.7 | 700.9 | 700.9 | 700.9 | 704.7 | 703.6 | 705.9 | 707.8 | 709.3 | 711.6 |
| 7.5° | 657.0 | 655.3 | 655.5 | 653.4 | 655.5 | 655.3 | 657.0 | 658.8 | 661.3 | 664.6 | 667.8 |
| 10° | 628.5 | 626.2 | 625.4 | 625.8 | 625.4 | 626.2 | 628.5 | 633.1 | 634.6 | 637.7 | 641.1 |
| 12.5° | 604.9 | 604.4 | 599.4 | 599.5 | 599.4 | 604.4 | 604.9 | 606.1 | 609.5 | 615.9 | 620.0 |
| 15° | 577.2 | 569.9 | 569.1 | 571.4 | 569.1 | 569.9 | 577.2 | 577.2 | 578.7 | 583.7 | 586.0 |
| 17.5° | 549.4 | 545.5 | 545.8 | 544.6 | 545.8 | 545.5 | 549.4 | 550.0 | 551.2 | 555.3 | 558.3 |
| 20° | 534.7 | 532.4 | 532.0 | 529.3 | 532.0 | 532.4 | 534.7 | 534.7 | 536.2 | 538.1 | 541.2 |
| 22.5° | 521.2 | 520.4 | 520.6 | 517.7 | 520.6 | 520.4 | 521.2 | 522.1 | 523.6 | 524.9 | 527.1 |
| 25° | 504.4 | 506.3 | 504.8 | 504.8 | 504.8 | 506.3 | 504.4 | 504.8 | 505.2 | 507.1 | 508.6 |
| 27.5° | 493.1 | 493.0 | 492.2 | 492.2 | 492.2 | 493.0 | 493.1 | 492.1 | 491.7 | 491.0 | 490.7 |
| 30° | 484.5 | 484.1 | 484.9 | 484.9 | 484.9 | 484.1 | 484.5 | 483.0 | 482.2 | 481.8 | 480.3 |
| 32.5° | 475.9 | 476.4 | 476.6 | 476.9 | 476.6 | 476.4 | 475.9 | 474.1 | 472.7 | 471.7 | 470.5 |
| 35° | 462.7 | 463.0 | 464.2 | 463.4 | 464.2 | 463.0 | 462.7 | 460.4 | 458.8 | 456.5 | 454.6 |
| 37.5° | 444.7 | 446.5 | 446.1 | 446.7 | 446.1 | 446.5 | 444.7 | 444.0 | 442.5 | 440.8 | 438.5 |
| 40° | 431.3 | 432.4 | 432.0 | 432.0 | 432.0 | 432.4 | 431.3 | 430.9 | 429.3 | 428.2 | 426.3 |
| 42.5° | 417.5 | 418.3 | 417.3 | 416.7 | 417.3 | 418.3 | 417.5 | 416.8 | 415.9 | 413.8 | 411.6 |
| 45° | 394.9 | 394.1 | 395.3 | 393.7 | 395.3 | 394.1 | 394.9 | 393.3 | 393.0 | 391.4 | 389.5 |
| 47.5° | 369.6 | 370.4 | 370.7 | 371.8 | 370.7 | 370.4 | 369.6 | 369.7 | 367.6 | 366.7 | 366.1 |
| 50° | 352.7 | 355.0 | 355.0 | 354.7 | 355.0 | 355.0 | 352.7 | 352.0 | 350.4 | 348.9 | 348.9 |
| 52.5° | 336.2 | 337.3 | 338.8 | 338.7 | 338.8 | 337.3 | 336.2 | 334.8 | 333.3 | 331.1 | 330.5 |
| 55° | 310.6 | 311.4 | 312.1 | 312.5 | 312.1 | 311.4 | 310.6 | 307.5 | 306.4 | 305.2 | 303.3 |
| 57.5° | 284.1 | 283.8 | 285.6 | 286.2 | 285.6 | 283.8 | 284.1 | 281.3 | 279.6 | 276.1 | 275.6 |
| 60° | 265.4 | 265.4 | 268.5 | 269.6 | 268.5 | 265.4 | 265.4 | 262.4 | 259.7 | 257.4 | 256.6 |
| 62.5° | 245.5 | 246.7 | 249.8 | 248.2 | 249.8 | 246.7 | 245.5 | 242.1 | 240.1 | 237.2 | 235.2 |
| 65° | 216.4 | 219.5 | 219.1 | 220.6 | 219.1 | 219.5 | 216.4 | 214.5 | 210.3 | 207.6 | 205.3 |
| 67.5° | 186.0 | 187.9 | 190.7 | 190.9 | 190.7 | 187.9 | 186.0 | 182.9 | 180.2 | 177.3 | 174.6 |
| 70° | 165.5 | 167.4 | 168.9 | 170.0 | 168.9 | 167.4 | 165.5 | 162.4 | 159.3 | 157.4 | 154.3 |
| 72.5° | 145.5 | 146.5 | 150.2 | 148.6 | 150.2 | 146.5 | 145.5 | 141.9 | 139.4 | 137.8 | 134.4 |
| 75° | 114.1 | 116.8 | 119.1 | 118.0 | 119.1 | 116.8 | 114.1 | 111.5 | 109.5 | 107.2 | 104.2 |
| 77.5° | 84.4 | 87.1 | 88.2 | 87.2 | 88.2 | 87.1 | 84.4 | 82.7 | 81.7 | 77.1 | 76.8 |
| 80° | 66.6 | 66.3 | 68.6 | 68.2 | 68.6 | 66.3 | 66.6 | 64.0 | 62.0 | 59.4 | 59.4 |
| 82.5° | 48.9 | 48.5 | 49.6 | 49.8 | 49.6 | 48.5 | 48.9 | 47.4 | 44.9 | 43.7 | 42.8 |
| 85° | 23.7 | 24.9 | 23.4 | 23.0 | 23.4 | 24.9 | 23.7 | 22.2 | 22.2 | 22.2 | 21.8 |
| 87.5° | 9.7 | 9.8 | 9.6 | 9.3 | 9.6 | 9.8 | 9.7 | 9.7 | 10.8 | 9.7 | 9.6 |
| 90° | 21.1 | 21.4 | 21.7 | 22.1 | 21.7 | 21.4 | 21.1 | 20.8 | 20.3 | 19.6 | 19.0 |
| 92.5° | 23.8 | 24.0 | 24.2 | 24.4 | 24.2 | 24.0 | 23.8 | 23.6 | 23.0 | 22.0 | 20.9 |
| 95° | 28.0 | 28.0 | 28.0 | 28.0 | 28.0 | 28.0 | 28.0 | 28.0 | 27.4 | 26.2 | 25.1 |
| 97.5° | 29.8 | 30.0 | 30.2 | 30.3 | 30.2 | 30.0 | 29.8 | 29.7 | 28.9 | 27.6 | 26.3 |
| 100° | 30.4 | 30.6 | 30.7 | 30.9 | 30.7 | 30.6 | 30.4 | 30.3 | 29.5 | 28.2 | 26.9 |
| 102.5° | 30.6 | 30.9 | 31.2 | 31.5 | 31.2 | 30.9 | 30.6 | 30.3 | 32.2 | 36.3 | 40.3 |
| 105° | 31.4 | 31.7 | 32.1 | 32.4 | 32.1 | 31.7 | 31.4 | 31.1 | 45.4 | 74.3 | 103.3 |
| 107.5° | 167.1 | 145.3 | 123.5 | 101.7 | 123.5 | 145.3 | 167.1 | 189.0 | 210.5 | 231.7 | 252.9 |
| 110° | 272.5 | 249.1 | 225.7 | 202.4 | 225.7 | 249.1 | 272.5 | 295.9 | 310.3 | 315.7 | 321.1 |



TEST NUMBER: P332126

CATALOG NUMBER: S123DIW-S560D755U835-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 362.0 | 357.1 | 352.1 | 347.2 | 352.1 | 357.1 | 362.0 | 366.9 | 369.4 | 369.3 | 369.2 |
| 115° | 430.7 | 431.4 | 432.0 | 432.7 | 432.0 | 431.4 | 430.7 | 430.1 | 428.9 | 427.3 | 425.7 |
| 117.5° | 480.3 | 480.4 | 480.5 | 480.7 | 480.5 | 480.4 | 480.3 | 480.1 | 479.4 | 478.1 | 476.8 |
| 120° | 513.6 | 513.6 | 513.6 | 513.6 | 513.6 | 513.6 | 513.6 | 513.6 | 513.0 | 511.7 | 510.4 |
| 122.5° | 545.6 | 545.7 | 545.9 | 546.0 | 545.9 | 545.7 | 545.6 | 545.5 | 545.0 | 544.0 | 543.1 |
| 125° | 590.7 | 591.0 | 591.3 | 591.6 | 591.3 | 591.0 | 590.7 | 590.3 | 590.0 | 589.7 | 589.3 |
| 127.5° | 636.5 | 636.1 | 635.8 | 635.5 | 635.8 | 636.1 | 636.5 | 636.8 | 636.7 | 636.2 | 635.7 |
| 130° | 664.7 | 664.4 | 664.1 | 663.7 | 664.1 | 664.4 | 664.7 | 665.1 | 664.9 | 664.2 | 663.6 |
| 132.5° | 691.0 | 690.6 | 690.1 | 689.6 | 690.1 | 690.6 | 691.0 | 691.5 | 691.4 | 690.7 | 690.1 |
| 135° | 730.7 | 730.2 | 729.7 | 729.2 | 729.7 | 730.2 | 730.7 | 731.2 | 731.2 | 730.7 | 730.2 |
| 137.5° | 767.5 | 767.1 | 766.8 | 766.5 | 766.8 | 767.1 | 767.5 | 767.8 | 767.6 | 766.8 | 766.0 |
| 140° | 789.8 | 789.5 | 789.2 | 788.8 | 789.2 | 789.5 | 789.8 | 790.2 | 790.0 | 789.3 | 788.7 |
| 142.5° | 810.8 | 810.4 | 809.9 | 809.4 | 809.9 | 810.4 | 810.8 | 811.3 | 811.2 | 810.7 | 810.2 |
| 145° | 841.1 | 841.1 | 841.1 | 841.1 | 841.1 | 841.1 | 841.1 | 841.1 | 840.9 | 840.6 | 840.3 |
| 147.5° | 866.9 | 866.1 | 865.4 | 864.6 | 865.4 | 866.1 | 866.9 | 867.6 | 867.9 | 867.5 | 867.2 |
| 150° | 883.8 | 883.3 | 882.8 | 882.3 | 882.8 | 883.3 | 883.8 | 884.3 | 884.3 | 884.0 | 883.7 |
| 152.5° | 898.7 | 897.9 | 897.2 | 896.4 | 897.2 | 897.9 | 898.7 | 899.4 | 899.5 | 898.9 | 898.3 |
| 155° | 919.1 | 918.1 | 917.1 | 916.1 | 917.1 | 918.1 | 919.1 | 920.1 | 920.2 | 919.3 | 918.5 |
| 157.5° | 936.6 | 935.3 | 934.1 | 932.8 | 934.1 | 935.3 | 936.6 | 937.9 | 938.0 | 937.0 | 936.1 |
| 160° | 946.8 | 945.7 | 944.5 | 943.4 | 944.5 | 945.7 | 946.8 | 948.0 | 948.0 | 947.1 | 946.1 |
| 162.5° | 956.4 | 955.4 | 954.4 | 953.4 | 954.4 | 955.4 | 956.4 | 957.4 | 957.4 | 956.3 | 955.2 |
| 165° | 968.9 | 967.7 | 966.6 | 965.4 | 966.6 | 967.7 | 968.9 | 970.0 | 969.9 | 968.6 | 967.3 |
| 167.5° | 978.1 | 976.7 | 975.4 | 974.1 | 975.4 | 976.7 | 978.1 | 979.4 | 979.4 | 978.1 | 976.7 |
| 170° | 983.4 | 982.0 | 980.7 | 979.4 | 980.7 | 982.0 | 983.4 | 984.7 | 984.7 | 983.4 | 982.0 |
| 172.5° | 986.7 | 985.3 | 983.8 | 982.4 | 983.8 | 985.3 | 986.7 | 988.1 | 988.2 | 986.9 | 985.6 |
| 175° | 990.7 | 989.4 | 988.1 | 986.8 | 988.1 | 989.4 | 990.7 | 992.0 | 992.1 | 991.0 | 989.8 |
| 177.5° | 992.0 | 990.7 | 989.4 | 988.1 | 989.4 | 990.7 | 992.0 | 993.3 | 993.5 | 992.4 | 991.4 |
| 180° | 990.5 | 990.5 | 990.5 | 990.5 | 990.5 | 990.5 | 990.5 | 990.5 | 990.5 | 990.5 | 990.5 |



TEST NUMBER: P332126

CATALOG NUMBER: S123DIW-S560D755U835-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 790.5 | 790.5 | 790.5 | 790.5 | 790.5 | 790.5 | 790.5 | 790.5 | 790.5 | 790.5 | 790.5 |
| 2.5° | 758.0 | 758.0 | 763.8 | 767.5 | 772.1 | 775.2 | 777.3 | 779.5 | 783.1 | 788.1 | 793.6 |
| 5° | 714.7 | 716.2 | 724.6 | 733.1 | 741.1 | 748.0 | 753.7 | 760.6 | 769.1 | 779.4 | 790.9 |
| 7.5° | 672.7 | 678.6 | 687.1 | 697.4 | 708.6 | 718.7 | 728.8 | 740.2 | 752.0 | 767.3 | 783.4 |
| 10° | 645.7 | 652.2 | 662.6 | 675.6 | 687.5 | 699.3 | 712.0 | 724.2 | 739.2 | 757.2 | 777.9 |
| 12.5° | 622.1 | 628.3 | 639.0 | 653.2 | 664.5 | 677.6 | 692.1 | 708.0 | 724.8 | 746.5 | 769.9 |
| 15° | 589.4 | 596.7 | 609.7 | 616.6 | 633.9 | 649.6 | 663.0 | 685.9 | 707.4 | 729.6 | 756.8 |
| 17.5° | 562.6 | 566.7 | 577.2 | 590.0 | 602.9 | 620.5 | 638.1 | 657.2 | 678.6 | 705.8 | 739.8 |
| 20° | 544.2 | 547.7 | 559.2 | 572.6 | 586.4 | 602.5 | 618.2 | 637.3 | 661.4 | 690.2 | 726.9 |
| 22.5° | 530.4 | 534.2 | 541.7 | 556.0 | 568.9 | 582.2 | 597.9 | 620.8 | 646.4 | 674.5 | 714.4 |
| 25° | 510.5 | 512.8 | 517.8 | 529.3 | 540.8 | 555.7 | 569.5 | 591.0 | 617.4 | 650.3 | 690.2 |
| 27.5° | 491.6 | 493.8 | 498.0 | 506.2 | 517.0 | 529.1 | 544.1 | 562.3 | 589.1 | 624.9 | 667.2 |
| 30° | 480.3 | 480.7 | 484.5 | 492.1 | 501.3 | 511.3 | 525.1 | 545.8 | 571.0 | 607.4 | 651.9 |
| 32.5° | 470.5 | 469.0 | 471.6 | 477.4 | 486.3 | 496.3 | 507.6 | 528.0 | 552.4 | 588.1 | 633.8 |
| 35° | 453.8 | 453.1 | 451.9 | 456.9 | 464.6 | 472.2 | 482.2 | 497.5 | 525.1 | 558.4 | 606.3 |
| 37.5° | 436.9 | 435.1 | 433.0 | 435.3 | 441.3 | 449.3 | 457.9 | 471.5 | 495.3 | 532.0 | 577.8 |
| 40° | 424.4 | 422.8 | 421.7 | 420.9 | 426.3 | 433.9 | 440.4 | 453.5 | 475.7 | 510.5 | 555.7 |
| 42.5° | 410.6 | 409.7 | 408.2 | 407.1 | 411.6 | 417.4 | 424.2 | 435.7 | 457.9 | 490.6 | 533.4 |
| 45° | 388.4 | 387.6 | 386.8 | 386.1 | 388.7 | 394.1 | 399.5 | 407.9 | 427.0 | 458.8 | 497.5 |
| 47.5° | 363.6 | 362.6 | 362.9 | 361.7 | 364.3 | 367.9 | 371.7 | 380.7 | 399.1 | 424.7 | 453.0 |
| 50° | 345.8 | 345.5 | 345.5 | 345.5 | 346.2 | 350.4 | 353.9 | 360.8 | 377.6 | 403.3 | 423.6 |
| 52.5° | 329.0 | 327.4 | 327.4 | 328.0 | 329.4 | 332.1 | 334.3 | 341.8 | 356.5 | 377.6 | 396.0 |
| 55° | 302.6 | 299.5 | 298.7 | 299.5 | 300.7 | 302.9 | 305.2 | 311.4 | 324.0 | 339.7 | 350.4 |
| 57.5° | 273.3 | 271.6 | 270.6 | 270.8 | 271.4 | 273.2 | 275.0 | 281.7 | 291.6 | 299.8 | 306.7 |
| 60° | 252.8 | 253.5 | 250.1 | 250.9 | 250.9 | 252.4 | 255.1 | 259.3 | 267.7 | 273.5 | 280.4 |
| 62.5° | 233.5 | 232.4 | 231.4 | 230.3 | 230.3 | 230.9 | 234.5 | 237.8 | 245.0 | 248.0 | 253.4 |
| 65° | 203.4 | 203.4 | 201.1 | 201.8 | 202.2 | 199.5 | 201.5 | 205.3 | 209.9 | 211.0 | 216.0 |
| 67.5° | 172.9 | 171.8 | 170.5 | 169.4 | 169.4 | 169.1 | 170.1 | 172.0 | 175.5 | 175.9 | 179.7 |
| 70° | 152.0 | 151.3 | 150.9 | 149.8 | 148.2 | 150.1 | 149.0 | 150.9 | 152.8 | 153.2 | 155.5 |
| 72.5° | 131.8 | 131.1 | 130.4 | 129.2 | 128.6 | 128.4 | 128.5 | 130.7 | 132.0 | 131.4 | 134.0 |
| 75° | 103.0 | 102.3 | 101.5 | 99.6 | 99.6 | 98.4 | 98.8 | 100.3 | 101.9 | 100.7 | 103.0 |
| 77.5° | 75.7 | 73.3 | 73.2 | 73.7 | 72.4 | 72.6 | 72.2 | 71.9 | 72.6 | 72.7 | 74.8 |
| 80° | 58.2 | 55.5 | 56.3 | 55.9 | 55.5 | 55.2 | 54.4 | 54.8 | 55.2 | 55.5 | 56.7 |
| 82.5° | 42.0 | 41.7 | 41.0 | 40.9 | 40.5 | 39.5 | 39.1 | 39.8 | 40.1 | 39.9 | 40.8 |
| 85° | 21.4 | 20.3 | 21.1 | 20.7 | 21.1 | 20.7 | 19.5 | 19.5 | 20.3 | 19.9 | 20.7 |
| 87.5° | 10.1 | 10.0 | 9.2 | 9.1 | 8.4 | 8.3 | 7.6 | 7.6 | 7.5 | 7.2 | 7.5 |
| 90° | 18.3 | 17.7 | 15.5 | 13.4 | 11.3 | 9.2 | 7.3 | 5.6 | 4.0 | 2.4 | 0.7 |
| 92.5° | 19.9 | 18.8 | 17.2 | 15.6 | 14.0 | 12.4 | 11.9 | 12.3 | 12.8 | 13.2 | 13.7 |
| 95° | 24.0 | 22.8 | 21.0 | 19.2 | 17.4 | 15.6 | 18.1 | 24.8 | 31.5 | 38.2 | 44.9 |
| 97.5° | 25.0 | 23.7 | 35.5 | 47.2 | 59.0 | 70.8 | 78.2 | 81.2 | 84.2 | 87.2 | 90.2 |
| 100° | 25.6 | 24.3 | 49.8 | 75.3 | 100.8 | 126.3 | 137.4 | 134.2 | 130.9 | 127.6 | 124.4 |
| 102.5° | 44.4 | 48.4 | 76.3 | 104.1 | 132.0 | 159.9 | 172.6 | 170.3 | 167.9 | 165.6 | 163.2 |
| 105° | 132.2 | 161.2 | 175.9 | 190.6 | 205.3 | 220.0 | 226.5 | 224.7 | 222.9 | 221.1 | 219.3 |
| 107.5° | 274.1 | 295.4 | 293.1 | 290.7 | 288.4 | 286.1 | 284.2 | 282.8 | 281.3 | 279.9 | 278.4 |
| 110° | 326.5 | 331.9 | 330.1 | 328.3 | 326.5 | 324.7 | 323.1 | 321.8 | 320.5 | 319.2 | 317.9 |



TEST NUMBER: P332126

CATALOG NUMBER: S123DIW-S560D755U835-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 369.1 | 369.0 | 367.2 | 365.4 | 363.6 | 361.8 | 360.3 | 359.1 | 357.9 | 356.7 | 355.6 |
| 115° | 424.0 | 422.4 | 420.9 | 419.4 | 418.0 | 416.5 | 415.3 | 414.3 | 413.3 | 412.3 | 411.3 |
| 117.5° | 475.5 | 474.2 | 473.4 | 472.7 | 471.9 | 471.2 | 470.2 | 469.0 | 467.8 | 466.6 | 465.4 |
| 120° | 509.1 | 507.7 | 507.3 | 506.8 | 506.3 | 505.8 | 504.8 | 503.3 | 501.9 | 500.4 | 498.9 |
| 122.5° | 542.2 | 541.3 | 540.7 | 540.1 | 539.4 | 538.8 | 537.9 | 536.7 | 535.5 | 534.3 | 533.1 |
| 125° | 589.0 | 588.7 | 588.0 | 587.4 | 586.7 | 586.1 | 585.1 | 583.8 | 582.5 | 581.2 | 579.9 |
| 127.5° | 635.1 | 634.6 | 633.8 | 633.0 | 632.3 | 631.5 | 630.4 | 629.1 | 627.8 | 626.5 | 625.2 |
| 130° | 662.9 | 662.3 | 661.6 | 661.0 | 660.3 | 659.7 | 658.7 | 657.4 | 656.1 | 654.8 | 653.4 |
| 132.5° | 689.4 | 688.8 | 688.2 | 687.7 | 687.2 | 686.7 | 685.8 | 684.4 | 683.1 | 681.8 | 680.5 |
| 135° | 729.7 | 729.2 | 728.6 | 727.9 | 727.3 | 726.6 | 725.8 | 724.8 | 723.8 | 722.9 | 721.9 |
| 137.5° | 765.2 | 764.4 | 764.1 | 763.7 | 763.3 | 763.0 | 762.2 | 760.9 | 759.7 | 758.4 | 757.2 |
| 140° | 788.0 | 787.4 | 786.9 | 786.4 | 785.9 | 785.4 | 784.7 | 783.7 | 782.7 | 781.7 | 780.7 |
| 142.5° | 809.7 | 809.2 | 808.7 | 808.2 | 807.7 | 807.2 | 806.5 | 805.5 | 804.5 | 803.5 | 802.5 |
| 145° | 839.9 | 839.6 | 839.3 | 839.0 | 838.6 | 838.3 | 837.6 | 836.4 | 835.3 | 834.1 | 833.0 |
| 147.5° | 866.9 | 866.5 | 866.2 | 865.9 | 865.6 | 865.2 | 864.7 | 863.9 | 863.2 | 862.4 | 861.7 |
| 150° | 883.4 | 883.0 | 882.7 | 882.4 | 882.1 | 881.7 | 881.3 | 880.8 | 880.3 | 879.8 | 879.4 |
| 152.5° | 897.7 | 897.2 | 897.0 | 896.8 | 896.6 | 896.4 | 896.2 | 895.9 | 895.7 | 895.5 | 895.2 |
| 155° | 917.7 | 916.9 | 916.7 | 916.6 | 916.4 | 916.2 | 916.3 | 916.6 | 917.0 | 917.3 | 917.6 |
| 157.5° | 935.1 | 934.1 | 934.3 | 934.4 | 934.6 | 934.8 | 934.9 | 934.9 | 934.9 | 935.0 | 935.0 |
| 160° | 945.1 | 944.1 | 944.3 | 944.4 | 944.6 | 944.8 | 944.9 | 945.1 | 945.3 | 945.4 | 945.6 |
| 162.5° | 954.1 | 952.9 | 953.1 | 953.3 | 953.4 | 953.6 | 953.9 | 954.3 | 954.7 | 955.2 | 955.6 |
| 165° | 966.0 | 964.7 | 964.9 | 965.0 | 965.2 | 965.4 | 965.7 | 966.2 | 966.7 | 967.2 | 967.7 |
| 167.5° | 975.4 | 974.1 | 974.1 | 974.1 | 974.1 | 974.1 | 974.5 | 975.1 | 975.8 | 976.4 | 977.1 |
| 170° | 980.7 | 979.4 | 979.4 | 979.4 | 979.4 | 979.4 | 979.8 | 980.4 | 981.1 | 981.7 | 982.4 |
| 172.5° | 984.3 | 983.0 | 982.8 | 982.7 | 982.6 | 982.4 | 982.8 | 983.6 | 984.3 | 985.1 | 985.9 |
| 175° | 988.7 | 987.5 | 987.4 | 987.2 | 987.0 | 986.9 | 987.2 | 988.0 | 988.8 | 989.6 | 990.5 |
| 177.5° | 990.3 | 989.3 | 989.2 | 989.0 | 988.9 | 988.8 | 989.0 | 989.7 | 990.3 | 991.0 | 991.6 |
| 180° | 990.5 | 990.5 | 990.5 | 990.5 | 990.5 | 990.5 | 990.5 | 990.5 | 990.5 | 990.5 | 990.5 |



TEST NUMBER: P332126

CATALOG NUMBER: S123DIW-S560D755U835-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 790.5 | 790.5 | 790.5 | 790.5 | 790.5 | 790.5 | 790.5 | 790.5 | 790.5 | 790.5 | 790.5 |
| 2.5° | 795.4 | 796.9 | 802.1 | 805.8 | 810.1 | 812.6 | 815.0 | 816.9 | 819.3 | 819.9 | 828.8 |
| 5° | 798.9 | 806.6 | 820.0 | 829.9 | 842.2 | 855.6 | 864.8 | 869.0 | 880.1 | 889.3 | 907.7 |
| 7.5° | 797.9 | 814.2 | 834.5 | 855.5 | 878.0 | 898.8 | 916.9 | 938.3 | 953.6 | 976.5 | 999.1 |
| 10° | 797.0 | 818.8 | 844.9 | 871.7 | 903.1 | 932.2 | 958.3 | 987.4 | 1011.5 | 1043.3 | 1070.5 |
| 12.5° | 794.3 | 820.7 | 856.8 | 888.5 | 926.7 | 966.8 | 1005.4 | 1042.8 | 1064.2 | 1117.1 | 1142.2 |
| 15° | 787.4 | 818.8 | 864.0 | 912.3 | 964.8 | 1012.3 | 1061.3 | 1100.3 | 1163.5 | 1209.9 | 1239.4 |
| 17.5° | 774.4 | 818.4 | 872.0 | 930.2 | 994.0 | 1056.6 | 1112.1 | 1171.4 | 1238.5 | 1294.5 | 1354.3 |
| 20° | 768.3 | 816.5 | 876.3 | 940.6 | 1006.9 | 1077.7 | 1140.9 | 1212.2 | 1285.3 | 1340.5 | 1417.1 |
| 22.5° | 757.0 | 811.6 | 876.0 | 947.7 | 1018.5 | 1091.8 | 1165.8 | 1237.6 | 1322.1 | 1398.1 | 1471.0 |
| 25° | 738.4 | 799.7 | 866.3 | 946.4 | 1029.5 | 1103.0 | 1191.5 | 1286.9 | 1375.0 | 1472.6 | 1545.4 |
| 27.5° | 719.0 | 784.4 | 851.2 | 925.6 | 1015.0 | 1102.3 | 1213.6 | 1321.3 | 1429.0 | 1513.4 | 1567.2 |
| 30° | 703.9 | 767.5 | 836.5 | 911.5 | 1000.0 | 1103.8 | 1228.3 | 1345.8 | 1450.8 | 1523.2 | 1553.4 |
| 32.5° | 687.7 | 752.2 | 813.2 | 891.9 | 986.2 | 1102.9 | 1237.5 | 1360.2 | 1452.0 | 1500.2 | 1494.3 |
| 35° | 662.2 | 716.2 | 775.6 | 851.4 | 962.5 | 1096.1 | 1242.8 | 1361.5 | 1417.8 | 1407.5 | 1329.4 |
| 37.5° | 625.4 | 670.9 | 729.3 | 812.3 | 934.9 | 1082.0 | 1232.1 | 1321.2 | 1317.5 | 1233.3 | 1120.1 |
| 40° | 602.5 | 641.1 | 697.4 | 784.8 | 913.4 | 1072.8 | 1215.2 | 1273.1 | 1224.1 | 1106.5 | 970.9 |
| 42.5° | 572.4 | 608.0 | 664.3 | 754.1 | 889.9 | 1054.1 | 1183.1 | 1199.8 | 1103.9 | 968.6 | 844.4 |
| 45° | 525.9 | 557.3 | 615.5 | 708.2 | 854.5 | 1013.4 | 1104.6 | 1063.6 | 934.5 | 794.7 | 700.1 |
| 47.5° | 475.8 | 508.5 | 564.5 | 659.7 | 803.3 | 952.2 | 995.6 | 908.5 | 775.9 | 662.6 | 575.7 |
| 50° | 444.3 | 475.7 | 530.4 | 626.6 | 768.7 | 902.0 | 920.0 | 807.4 | 685.6 | 586.0 | 514.7 |
| 52.5° | 412.4 | 442.0 | 495.8 | 592.3 | 728.2 | 843.7 | 832.6 | 717.9 | 605.9 | 521.0 | 465.1 |
| 55° | 365.0 | 393.0 | 444.3 | 534.7 | 658.4 | 749.9 | 709.7 | 600.2 | 507.5 | 441.6 | 399.1 |
| 57.5° | 322.6 | 349.4 | 393.6 | 475.3 | 582.8 | 645.7 | 594.6 | 502.3 | 428.6 | 377.9 | 346.2 |
| 60° | 293.8 | 317.5 | 359.6 | 435.5 | 528.9 | 576.8 | 526.2 | 444.7 | 382.6 | 342.0 | 313.7 |
| 62.5° | 266.5 | 287.2 | 326.2 | 395.0 | 476.2 | 516.4 | 465.3 | 396.2 | 343.4 | 307.4 | 283.3 |
| 65° | 225.2 | 244.0 | 278.4 | 332.1 | 398.7 | 425.5 | 381.5 | 325.5 | 284.6 | 257.8 | 241.7 |
| 67.5° | 187.5 | 203.4 | 233.2 | 275.4 | 324.5 | 344.0 | 310.5 | 267.2 | 236.3 | 214.8 | 202.0 |
| 70° | 162.4 | 176.2 | 199.5 | 235.9 | 280.4 | 295.3 | 263.9 | 228.3 | 205.7 | 188.4 | 176.6 |
| 72.5° | 141.2 | 151.4 | 172.6 | 200.7 | 237.8 | 249.6 | 227.7 | 196.4 | 175.3 | 162.4 | 153.0 |
| 75° | 107.6 | 116.0 | 129.8 | 152.4 | 178.1 | 185.0 | 168.5 | 149.0 | 134.8 | 125.6 | 118.3 |
| 77.5° | 77.6 | 83.8 | 93.8 | 107.7 | 125.5 | 131.7 | 121.3 | 108.2 | 97.9 | 91.7 | 87.6 |
| 80° | 58.6 | 63.6 | 72.0 | 83.5 | 94.2 | 97.7 | 91.5 | 81.6 | 74.3 | 70.9 | 67.4 |
| 82.5° | 43.3 | 46.1 | 51.2 | 59.0 | 66.3 | 70.4 | 65.2 | 59.2 | 55.3 | 52.2 | 50.9 |
| 85° | 21.8 | 23.4 | 25.7 | 28.7 | 33.3 | 34.9 | 32.9 | 31.4 | 29.1 | 27.2 | 27.2 |
| 87.5° | 8.4 | 8.8 | 10.0 | 11.0 | 12.6 | 13.9 | 14.0 | 13.8 | 13.9 | 13.8 | 13.6 |
| 90° | 2.4 | 4.0 | 5.6 | 7.3 | 9.2 | 11.3 | 13.4 | 15.5 | 17.7 | 18.3 | 19.0 |
| 92.5° | 13.2 | 12.8 | 12.3 | 11.9 | 12.4 | 14.0 | 15.6 | 17.2 | 18.8 | 19.9 | 20.9 |
| 95° | 38.2 | 31.5 | 24.8 | 18.1 | 15.6 | 17.4 | 19.2 | 21.0 | 22.8 | 24.0 | 25.1 |
| 97.5° | 87.2 | 84.2 | 81.2 | 78.2 | 70.8 | 59.0 | 47.2 | 35.5 | 23.7 | 25.0 | 26.3 |
| 100° | 127.6 | 130.9 | 134.2 | 137.4 | 126.3 | 100.8 | 75.3 | 49.8 | 24.3 | 25.6 | 26.9 |
| 102.5° | 165.6 | 167.9 | 170.3 | 172.6 | 159.9 | 132.0 | 104.1 | 76.3 | 48.4 | 44.4 | 40.3 |
| 105° | 221.1 | 222.9 | 224.7 | 226.5 | 220.0 | 205.3 | 190.6 | 175.9 | 161.2 | 132.2 | 103.3 |
| 107.5° | 279.9 | 281.3 | 282.8 | 284.2 | 286.1 | 288.4 | 290.7 | 293.1 | 295.4 | 274.1 | 252.9 |
| 110° | 319.2 | 320.5 | 321.8 | 323.1 | 324.7 | 326.5 | 328.3 | 330.1 | 331.9 | 326.5 | 321.1 |



TEST NUMBER: P332126

CATALOG NUMBER: S123DIW-S560D755U835-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 356.7 | 357.9 | 359.1 | 360.3 | 361.8 | 363.6 | 365.4 | 367.2 | 369.0 | 369.1 | 369.2 |
| 115° | 412.3 | 413.3 | 414.3 | 415.3 | 416.5 | 418.0 | 419.4 | 420.9 | 422.4 | 424.0 | 425.7 |
| 117.5° | 466.6 | 467.8 | 469.0 | 470.2 | 471.2 | 471.9 | 472.7 | 473.4 | 474.2 | 475.5 | 476.8 |
| 120° | 500.4 | 501.9 | 503.3 | 504.8 | 505.8 | 506.3 | 506.8 | 507.3 | 507.7 | 509.1 | 510.4 |
| 122.5° | 534.3 | 535.5 | 536.7 | 537.9 | 538.8 | 539.4 | 540.1 | 540.7 | 541.3 | 542.2 | 543.1 |
| 125° | 581.2 | 582.5 | 583.8 | 585.1 | 586.1 | 586.7 | 587.4 | 588.0 | 588.7 | 589.0 | 589.3 |
| 127.5° | 626.5 | 627.8 | 629.1 | 630.4 | 631.5 | 632.3 | 633.0 | 633.8 | 634.6 | 635.1 | 635.7 |
| 130° | 654.8 | 656.1 | 657.4 | 658.7 | 659.7 | 660.3 | 661.0 | 661.6 | 662.3 | 662.9 | 663.6 |
| 132.5° | 681.8 | 683.1 | 684.4 | 685.8 | 686.7 | 687.2 | 687.7 | 688.2 | 688.8 | 689.4 | 690.1 |
| 135° | 722.9 | 723.8 | 724.8 | 725.8 | 726.6 | 727.3 | 727.9 | 728.6 | 729.2 | 729.7 | 730.2 |
| 137.5° | 758.4 | 759.7 | 760.9 | 762.2 | 763.0 | 763.3 | 763.7 | 764.1 | 764.4 | 765.2 | 766.0 |
| 140° | 781.7 | 782.7 | 783.7 | 784.7 | 785.4 | 785.9 | 786.4 | 786.9 | 787.4 | 788.0 | 788.7 |
| 142.5° | 803.5 | 804.5 | 805.5 | 806.5 | 807.2 | 807.7 | 808.2 | 808.7 | 809.2 | 809.7 | 810.2 |
| 145° | 834.1 | 835.3 | 836.4 | 837.6 | 838.3 | 838.6 | 839.0 | 839.3 | 839.6 | 839.9 | 840.3 |
| 147.5° | 862.4 | 863.2 | 863.9 | 864.7 | 865.2 | 865.6 | 865.9 | 866.2 | 866.5 | 866.9 | 867.2 |
| 150° | 879.8 | 880.3 | 880.8 | 881.3 | 881.7 | 882.1 | 882.4 | 882.7 | 883.0 | 883.4 | 883.7 |
| 152.5° | 895.5 | 895.7 | 895.9 | 896.2 | 896.4 | 896.6 | 896.8 | 897.0 | 897.2 | 897.7 | 898.3 |
| 155° | 917.3 | 917.0 | 916.6 | 916.3 | 916.2 | 916.4 | 916.6 | 916.7 | 916.9 | 917.7 | 918.5 |
| 157.5° | 935.0 | 934.9 | 934.9 | 934.9 | 934.8 | 934.6 | 934.4 | 934.3 | 934.1 | 935.1 | 936.1 |
| 160° | 945.4 | 945.3 | 945.1 | 944.9 | 944.8 | 944.6 | 944.4 | 944.3 | 944.1 | 945.1 | 946.1 |
| 162.5° | 955.2 | 954.7 | 954.3 | 953.9 | 953.6 | 953.4 | 953.3 | 953.1 | 952.9 | 954.1 | 955.2 |
| 165° | 967.2 | 966.7 | 966.2 | 965.7 | 965.4 | 965.2 | 965.0 | 964.9 | 964.7 | 966.0 | 967.3 |
| 167.5° | 976.4 | 975.8 | 975.1 | 974.5 | 974.1 | 974.1 | 974.1 | 974.1 | 974.1 | 975.4 | 976.7 |
| 170° | 981.7 | 981.1 | 980.4 | 979.8 | 979.4 | 979.4 | 979.4 | 979.4 | 979.4 | 980.7 | 982.0 |
| 172.5° | 985.1 | 984.3 | 983.6 | 982.8 | 982.4 | 982.6 | 982.7 | 982.8 | 983.0 | 984.3 | 985.6 |
| 175° | 989.6 | 988.8 | 988.0 | 987.2 | 986.9 | 987.0 | 987.2 | 987.4 | 987.5 | 988.7 | 989.8 |
| 177.5° | 991.0 | 990.3 | 989.7 | 989.0 | 988.8 | 988.9 | 989.0 | 989.2 | 989.3 | 990.3 | 991.4 |
| 180° | 990.5 | 990.5 | 990.5 | 990.5 | 990.5 | 990.5 | 990.5 | 990.5 | 990.5 | 990.5 | 990.5 |



TEST NUMBER: P332126

CATALOG NUMBER: S123DIW-S560D755U835-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 790.5 | 790.5 | 790.5 | 790.5 | 790.5 | 790.5 | 790.5 |
| 2.5° | 831.9 | 832.2 | 835.5 | 838.0 | 836.8 | 838.3 | 838.9 |
| 5° | 908.8 | 922.6 | 929.9 | 935.3 | 935.7 | 936.0 | 939.1 |
| 7.5° | 1018.0 | 1032.8 | 1043.6 | 1060.0 | 1064.9 | 1070.5 | 1068.9 |
| 10° | 1097.7 | 1119.5 | 1138.3 | 1148.2 | 1158.9 | 1174.6 | 1162.0 |
| 12.5° | 1172.1 | 1210.8 | 1239.4 | 1254.8 | 1265.0 | 1268.1 | 1261.9 |
| 15° | 1294.9 | 1345.5 | 1372.7 | 1371.9 | 1406.4 | 1421.3 | 1397.9 |
| 17.5° | 1407.5 | 1454.2 | 1491.5 | 1510.7 | 1539.4 | 1545.8 | 1542.9 |
| 20° | 1476.4 | 1527.4 | 1556.5 | 1589.4 | 1604.4 | 1617.8 | 1620.1 |
| 22.5° | 1535.9 | 1581.6 | 1612.9 | 1640.3 | 1652.8 | 1659.1 | 1663.0 |
| 25° | 1597.1 | 1633.1 | 1651.9 | 1661.4 | 1664.9 | 1664.1 | 1659.1 |
| 27.5° | 1592.9 | 1595.6 | 1575.0 | 1554.7 | 1536.5 | 1516.0 | 1509.0 |
| 30° | 1551.5 | 1519.3 | 1461.9 | 1429.3 | 1381.5 | 1343.5 | 1358.9 |
| 32.5° | 1442.7 | 1378.7 | 1314.2 | 1243.0 | 1184.1 | 1167.4 | 1150.5 |
| 35° | 1231.3 | 1118.7 | 1052.9 | 976.3 | 945.6 | 915.0 | 893.9 |
| 37.5° | 996.2 | 909.1 | 830.9 | 780.8 | 750.1 | 730.8 | 720.3 |
| 40° | 861.4 | 782.8 | 718.5 | 677.9 | 654.5 | 632.7 | 629.6 |
| 42.5° | 753.8 | 680.8 | 632.4 | 600.1 | 577.6 | 568.4 | 561.6 |
| 45° | 617.4 | 566.4 | 533.9 | 510.9 | 496.0 | 490.2 | 482.6 |
| 47.5° | 522.6 | 486.6 | 462.1 | 446.5 | 435.2 | 430.9 | 430.3 |
| 50° | 469.6 | 439.7 | 421.7 | 409.4 | 400.6 | 399.1 | 393.0 |
| 52.5° | 429.7 | 403.8 | 389.8 | 379.1 | 372.7 | 368.4 | 366.6 |
| 55° | 373.0 | 355.8 | 343.2 | 337.0 | 332.1 | 327.8 | 327.8 |
| 57.5° | 326.4 | 312.0 | 303.6 | 298.4 | 296.9 | 293.9 | 292.0 |
| 60° | 297.6 | 285.3 | 278.8 | 274.2 | 271.2 | 271.5 | 268.1 |
| 62.5° | 269.4 | 261.4 | 255.2 | 250.6 | 247.0 | 247.0 | 247.3 |
| 65° | 229.4 | 223.3 | 218.7 | 217.2 | 214.9 | 212.2 | 212.9 |
| 67.5° | 194.4 | 188.7 | 185.1 | 182.5 | 181.7 | 180.2 | 182.5 |
| 70° | 169.3 | 165.1 | 162.4 | 160.1 | 159.3 | 159.7 | 161.6 |
| 72.5° | 146.3 | 143.3 | 141.6 | 140.5 | 138.8 | 138.9 | 140.2 |
| 75° | 114.9 | 112.6 | 111.1 | 109.9 | 109.5 | 109.5 | 109.5 |
| 77.5° | 84.4 | 83.9 | 83.2 | 81.5 | 81.6 | 82.0 | 82.1 |
| 80° | 66.6 | 65.5 | 65.1 | 64.3 | 63.2 | 62.4 | 64.3 |
| 82.5° | 49.8 | 48.6 | 48.3 | 48.1 | 46.3 | 46.2 | 47.8 |
| 85° | 26.8 | 25.7 | 26.0 | 25.7 | 25.7 | 25.3 | 25.3 |
| 87.5° | 13.4 | 13.2 | 13.0 | 13.4 | 13.2 | 12.9 | 13.6 |
| 90° | 19.6 | 20.3 | 20.8 | 21.1 | 21.4 | 21.7 | 22.1 |
| 92.5° | 22.0 | 23.0 | 23.6 | 23.8 | 24.0 | 24.2 | 24.4 |
| 95° | 26.2 | 27.4 | 28.0 | 28.0 | 28.0 | 28.0 | 28.0 |
| 97.5° | 27.6 | 28.9 | 29.7 | 29.8 | 30.0 | 30.2 | 30.3 |
| 100° | 28.2 | 29.5 | 30.3 | 30.4 | 30.6 | 30.7 | 30.9 |
| 102.5° | 36.3 | 32.2 | 30.3 | 30.6 | 30.9 | 31.2 | 31.5 |
| 105° | 74.3 | 45.4 | 31.1 | 31.4 | 31.7 | 32.1 | 32.4 |
| 107.5° | 231.7 | 210.5 | 189.0 | 167.1 | 145.3 | 123.5 | 101.7 |
| 110° | 315.7 | 310.3 | 295.9 | 272.5 | 249.1 | 225.7 | 202.4 |



TEST NUMBER: P332126

CATALOG NUMBER: S123DIW-S560D755U835-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 369.3 | 369.4 | 366.9 | 362.0 | 357.1 | 352.1 | 347.2 |
| 115° | 427.3 | 428.9 | 430.1 | 430.7 | 431.4 | 432.0 | 432.7 |
| 117.5° | 478.1 | 479.4 | 480.1 | 480.3 | 480.4 | 480.5 | 480.7 |
| 120° | 511.7 | 513.0 | 513.6 | 513.6 | 513.6 | 513.6 | 513.6 |
| 122.5° | 544.0 | 545.0 | 545.5 | 545.6 | 545.7 | 545.9 | 546.0 |
| 125° | 589.7 | 590.0 | 590.3 | 590.7 | 591.0 | 591.3 | 591.6 |
| 127.5° | 636.2 | 636.7 | 636.8 | 636.5 | 636.1 | 635.8 | 635.5 |
| 130° | 664.2 | 664.9 | 665.1 | 664.7 | 664.4 | 664.1 | 663.7 |
| 132.5° | 690.7 | 691.4 | 691.5 | 691.0 | 690.6 | 690.1 | 689.6 |
| 135° | 730.7 | 731.2 | 731.2 | 730.7 | 730.2 | 729.7 | 729.2 |
| 137.5° | 766.8 | 767.6 | 767.8 | 767.5 | 767.1 | 766.8 | 766.5 |
| 140° | 789.3 | 790.0 | 790.2 | 789.8 | 789.5 | 789.2 | 788.8 |
| 142.5° | 810.7 | 811.2 | 811.3 | 810.8 | 810.4 | 809.9 | 809.4 |
| 145° | 840.6 | 840.9 | 841.1 | 841.1 | 841.1 | 841.1 | 841.1 |
| 147.5° | 867.5 | 867.9 | 867.6 | 866.9 | 866.1 | 865.4 | 864.6 |
| 150° | 884.0 | 884.3 | 884.3 | 883.8 | 883.3 | 882.8 | 882.3 |
| 152.5° | 898.9 | 899.5 | 899.4 | 898.7 | 897.9 | 897.2 | 896.4 |
| 155° | 919.3 | 920.2 | 920.1 | 919.1 | 918.1 | 917.1 | 916.1 |
| 157.5° | 937.0 | 938.0 | 937.9 | 936.6 | 935.3 | 934.1 | 932.8 |
| 160° | 947.1 | 948.0 | 948.0 | 946.8 | 945.7 | 944.5 | 943.4 |
| 162.5° | 956.3 | 957.4 | 957.4 | 956.4 | 955.4 | 954.4 | 953.4 |
| 165° | 968.6 | 969.9 | 970.0 | 968.9 | 967.7 | 966.6 | 965.4 |
| 167.5° | 978.1 | 979.4 | 979.4 | 978.1 | 976.7 | 975.4 | 974.1 |
| 170° | 983.4 | 984.7 | 984.7 | 983.4 | 982.0 | 980.7 | 979.4 |
| 172.5° | 986.9 | 988.2 | 988.1 | 986.7 | 985.3 | 983.8 | 982.4 |
| 175° | 991.0 | 992.1 | 992.0 | 990.7 | 989.4 | 988.1 | 986.8 |
| 177.5° | 992.4 | 993.5 | 993.3 | 992.0 | 990.7 | 989.4 | 988.1 |
| 180° | 990.5 | 990.5 | 990.5 | 990.5 | 990.5 | 990.5 | 990.5 |

(END OF REPORT)