

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: P332127-830

Luminaire Tested: **S123DIW-S560D755U830-4F0-1E-UDD-A1**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P332127-830
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-9,
Test Lab: INNOVATION CENTER
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: NEO-RAY
Catalog Number: S123DIW-S560D755U830-4F0-1E-UDD-A1
Description: DEFINE 3 DIRECT-INDIRECT WALL MOUNT LED LUMINAIRE
DOWNLIGHT 560 LUMENS PER FOOT, ASYMMETRIC DIFFUSER
UPLIGHT 755 LUMENS PER FOOT, FLUSH SATIN WHITE DIFFUSER
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4718.9 lumens
Efficiency: N/A
Efficacy: 125.5 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

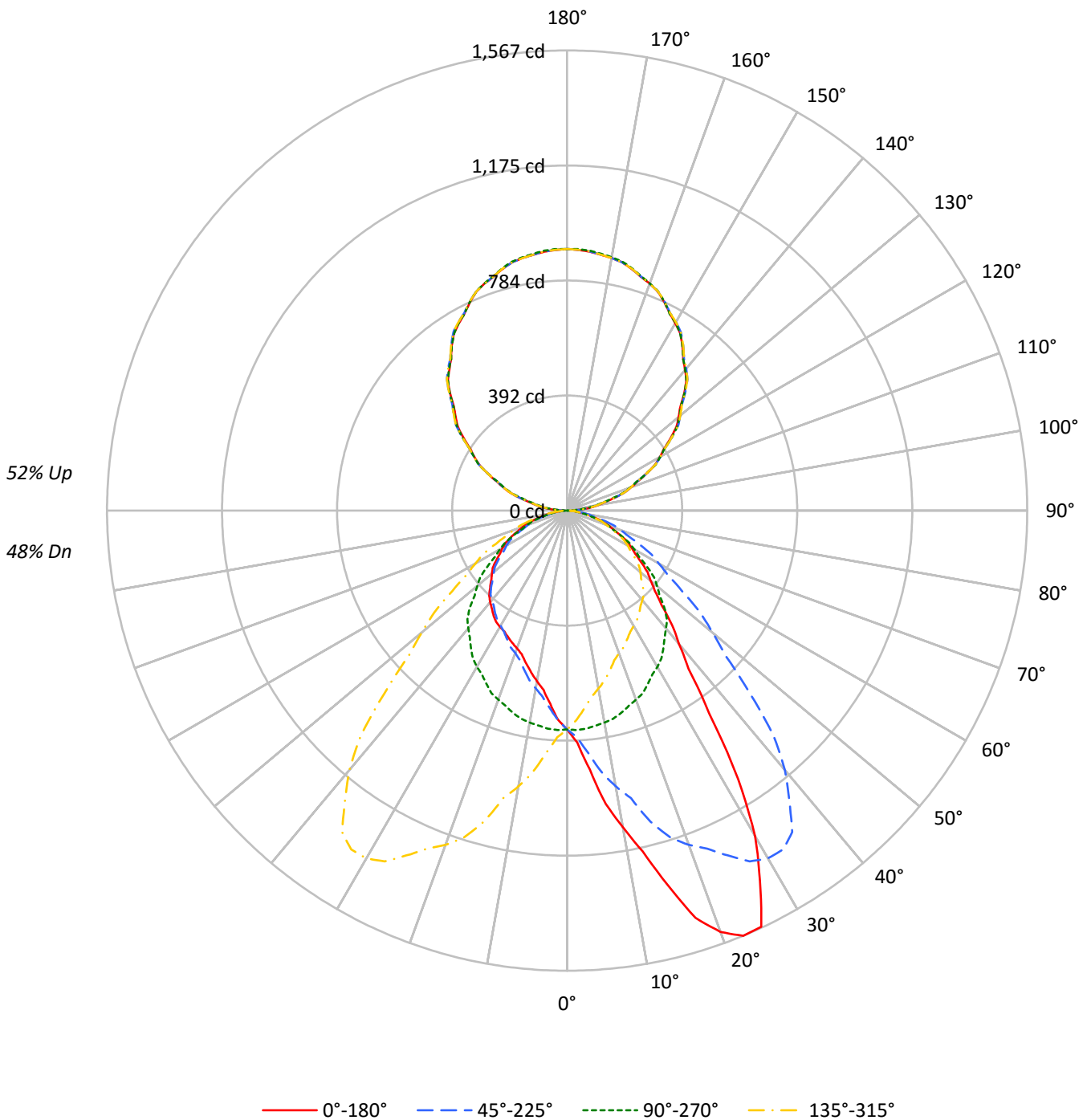
Input Watts (W): 37.6
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P332127-830

CATALOG NUMBER: S123DIW-S560D755U830-4F0-1E-UDD-A1

Luminous Intensity Polar Plot





TEST NUMBER: P332127-830

CATALOG NUMBER: S123DIW-S560D755U830-4F0-1E-UDD-A1

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

| | | | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| RF | 20 | | | | 20 | | | | 20 | | | | 20 | | | | 20 | |
| RC | 80 | | | | 70 | | | | 50 | | | | 30 | | | | 10 | 0 |
| RW | 70 | 50 | 30 | 10 | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 0 |
| RCR | | | | | | | | | | | | | | | | | | |
| 0 | 107 | 107 | 107 | 107 | 98 | 98 | 98 | 98 | 82 | 82 | 82 | 67 | 67 | 67 | 54 | 54 | 54 | 48 |
| 1 | 98 | 93 | 90 | 86 | 90 | 86 | 83 | 80 | 72 | 70 | 68 | 60 | 58 | 57 | 48 | 47 | 46 | 41 |
| 2 | 89 | 82 | 76 | 71 | 82 | 75 | 70 | 66 | 64 | 60 | 57 | 53 | 50 | 48 | 43 | 41 | 39 | 34 |
| 3 | 81 | 72 | 65 | 59 | 75 | 67 | 60 | 55 | 56 | 52 | 48 | 47 | 43 | 41 | 38 | 36 | 34 | 29 |
| 4 | 74 | 64 | 56 | 50 | 68 | 59 | 52 | 47 | 50 | 45 | 41 | 42 | 38 | 35 | 34 | 31 | 29 | 25 |
| 5 | 68 | 57 | 49 | 43 | 63 | 53 | 46 | 40 | 45 | 40 | 35 | 38 | 34 | 30 | 31 | 28 | 25 | 22 |
| 6 | 63 | 51 | 43 | 37 | 58 | 47 | 40 | 35 | 41 | 35 | 31 | 34 | 30 | 27 | 28 | 25 | 22 | 20 |
| 7 | 58 | 46 | 38 | 33 | 54 | 43 | 36 | 31 | 37 | 31 | 27 | 31 | 27 | 24 | 26 | 22 | 20 | 17 |
| 8 | 54 | 42 | 34 | 29 | 50 | 39 | 32 | 27 | 33 | 28 | 24 | 28 | 24 | 21 | 23 | 20 | 18 | 16 |
| 9 | 50 | 38 | 31 | 26 | 46 | 36 | 29 | 24 | 31 | 25 | 22 | 26 | 22 | 19 | 22 | 18 | 16 | 14 |
| 10 | 47 | 35 | 28 | 23 | 43 | 33 | 26 | 22 | 28 | 23 | 19 | 24 | 20 | 17 | 20 | 17 | 15 | 13 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|-------|------|------|------|
| 0° | 8020 | 8020 | 8020 | 8020 |
| 5° | 9564 | 8055 | 7138 | 8055 |
| 10° | 11970 | 8014 | 6446 | 8014 |
| 15° | 14683 | 7949 | 6002 | 7949 |
| 20° | 17491 | 7848 | 5715 | 7848 |
| 25° | 18573 | 7726 | 5651 | 7726 |
| 30° | 15919 | 7636 | 5680 | 7636 |
| 35° | 11071 | 7510 | 5740 | 7510 |
| 40° | 8338 | 7360 | 5722 | 7360 |
| 45° | 6925 | 7138 | 5649 | 7138 |
| 50° | 6203 | 6687 | 5598 | 6687 |
| 55° | 5799 | 6199 | 5527 | 6199 |
| 60° | 5440 | 5690 | 5470 | 5690 |
| 65° | 5112 | 5186 | 5295 | 5186 |
| 70° | 4793 | 4614 | 5042 | 4614 |
| 75° | 4292 | 4038 | 4625 | 4038 |
| 80° | 3756 | 3310 | 3986 | 3310 |
| 85° | 2939 | 2408 | 2680 | 2408 |



TEST NUMBER: P332127-830

CATALOG NUMBER: S123DIW-S560D755U830-4F0-1E-UDD-A1

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 73.4 | 1.6 |
| 10°-20° | 235.3 | 5.0 |
| 20°-30° | 395.0 | 8.4 |
| 30°-40° | 447.2 | 9.5 |
| 40°-50° | 401.1 | 8.5 |
| 50°-60° | 323.7 | 6.9 |
| 60°-70° | 225.5 | 4.8 |
| 70°-80° | 118.5 | 2.5 |
| 80°-90° | 31.6 | 0.7 |
| 90°-100° | 58.0 | 1.2 |
| 100°-110° | 173.6 | 3.7 |
| 110°-120° | 295.3 | 6.3 |
| 120°-130° | 388.5 | 8.2 |
| 130°-140° | 436.7 | 9.3 |
| 140°-150° | 429.2 | 9.1 |
| 150°-160° | 361.3 | 7.7 |
| 160°-170° | 240.5 | 5.1 |
| 170°-180° | 84.2 | 1.8 |
| 0°-30° | 703.7 | 14.9 |
| 0°-40° | 1151.0 | 24.4 |
| 0°-60° | 1875.7 | 39.7 |
| 0°-90° | 2251.4 | 47.7 |
| 90°-120° | 527.0 | 11.2 |
| 90°-150° | 1781.4 | 37.7 |
| 90°-180° | 2468.0 | 52.3 |
| 0°-180° | 4718.9 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|------|-----|------|------|------|------|
| 0° | 745 | 745 | 745 | 745 | 745 | |
| 5° | 885 | 746 | 661 | 746 | 885 | 92 |
| 15° | 1318 | 713 | 539 | 713 | 1318 | 380 |
| 25° | 1564 | 650 | 476 | 650 | 1564 | 686 |
| 35° | 842 | 572 | 437 | 572 | 842 | 547 |
| 45° | 455 | 469 | 371 | 469 | 455 | 360 |
| 55° | 309 | 330 | 294 | 330 | 309 | 277 |
| 65° | 201 | 204 | 208 | 204 | 201 | 200 |
| 75° | 103 | 97 | 111 | 97 | 103 | 110 |
| 85° | 24 | 20 | 22 | 20 | 24 | 29 |
| 90° | 21 | 1 | 21 | 1 | 21 | 11 |
| 95° | 55 | 41 | 55 | 41 | 55 | 56 |
| 105° | 166 | 157 | 166 | 157 | 166 | 177 |
| 115° | 298 | 297 | 298 | 297 | 298 | 295 |
| 125° | 430 | 435 | 430 | 435 | 430 | 385 |
| 135° | 564 | 565 | 564 | 565 | 564 | 434 |
| 145° | 685 | 685 | 685 | 685 | 685 | 427 |
| 155° | 783 | 784 | 783 | 784 | 783 | 360 |
| 165° | 851 | 854 | 851 | 854 | 851 | 240 |
| 175° | 885 | 888 | 885 | 888 | 885 | 84 |
| 180° | 891 | 891 | 891 | 891 | 891 | |



TEST NUMBER: P332127-830

CATALOG NUMBER: S123DIW-S560D755U830-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 745.1 | 745.1 | 745.1 | 745.1 | 745.1 | 745.1 | 745.1 | 745.1 | 745.1 | 745.1 | 745.1 |
| 2.5° | 790.7 | 790.1 | 788.7 | 789.9 | 787.5 | 784.4 | 784.1 | 781.2 | 772.8 | 772.2 | 770.0 |
| 5° | 885.1 | 882.2 | 881.9 | 881.6 | 876.5 | 869.6 | 856.6 | 855.5 | 838.2 | 829.5 | 819.1 |
| 7.5° | 1007.5 | 1009.0 | 1003.7 | 999.1 | 983.6 | 973.5 | 959.5 | 941.7 | 920.4 | 898.8 | 884.4 |
| 10° | 1095.2 | 1107.1 | 1092.3 | 1082.2 | 1072.9 | 1055.2 | 1034.6 | 1009.0 | 983.4 | 953.4 | 930.7 |
| 12.5° | 1189.4 | 1195.2 | 1192.3 | 1182.7 | 1168.2 | 1141.2 | 1104.8 | 1076.6 | 1052.9 | 1003.1 | 982.9 |
| 15° | 1317.6 | 1339.6 | 1325.6 | 1293.1 | 1293.8 | 1268.2 | 1220.5 | 1168.2 | 1140.4 | 1096.6 | 1037.1 |
| 17.5° | 1454.2 | 1457.0 | 1451.0 | 1423.9 | 1405.8 | 1370.6 | 1326.6 | 1276.5 | 1220.1 | 1167.3 | 1104.1 |
| 20° | 1527.0 | 1524.8 | 1512.2 | 1498.1 | 1467.1 | 1439.6 | 1391.6 | 1335.7 | 1263.5 | 1211.4 | 1142.6 |
| 22.5° | 1567.4 | 1563.8 | 1557.8 | 1546.1 | 1520.2 | 1490.7 | 1447.7 | 1386.5 | 1317.8 | 1246.1 | 1166.5 |
| 25° | 1563.8 | 1568.5 | 1569.2 | 1565.9 | 1557.0 | 1539.3 | 1505.3 | 1456.6 | 1388.0 | 1296.0 | 1213.0 |
| 27.5° | 1422.3 | 1428.9 | 1448.2 | 1465.4 | 1484.5 | 1503.9 | 1501.4 | 1477.2 | 1426.4 | 1346.9 | 1245.4 |
| 30° | 1280.8 | 1266.3 | 1302.1 | 1347.2 | 1377.9 | 1432.0 | 1462.4 | 1464.1 | 1435.7 | 1367.4 | 1268.5 |
| 32.5° | 1084.4 | 1100.3 | 1116.1 | 1171.6 | 1238.7 | 1299.5 | 1359.8 | 1408.4 | 1414.0 | 1368.6 | 1282.0 |
| 35° | 842.5 | 862.4 | 891.3 | 920.2 | 992.4 | 1054.4 | 1160.6 | 1253.0 | 1326.6 | 1336.3 | 1283.3 |
| 37.5° | 678.9 | 688.8 | 707.0 | 735.9 | 783.2 | 856.9 | 939.0 | 1055.7 | 1162.4 | 1241.8 | 1245.3 |
| 40° | 593.4 | 596.3 | 616.9 | 638.9 | 677.2 | 737.8 | 811.9 | 915.1 | 1042.9 | 1153.8 | 1200.0 |
| 42.5° | 529.3 | 535.7 | 544.4 | 565.6 | 596.1 | 641.7 | 710.5 | 795.9 | 912.9 | 1040.5 | 1130.9 |
| 45° | 454.9 | 462.0 | 467.5 | 481.5 | 503.2 | 533.9 | 581.9 | 659.9 | 749.0 | 880.8 | 1002.5 |
| 47.5° | 405.6 | 406.1 | 410.2 | 420.8 | 435.5 | 458.6 | 492.6 | 542.6 | 624.5 | 731.3 | 856.3 |
| 50° | 370.4 | 376.2 | 377.6 | 385.9 | 397.5 | 414.4 | 442.6 | 485.1 | 552.3 | 646.2 | 761.0 |
| 52.5° | 345.5 | 347.2 | 351.3 | 357.3 | 367.4 | 380.6 | 405.0 | 438.4 | 491.1 | 571.1 | 676.7 |
| 55° | 309.0 | 309.0 | 313.0 | 317.6 | 323.5 | 335.4 | 351.6 | 376.2 | 416.2 | 478.3 | 565.7 |
| 57.5° | 275.2 | 277.0 | 279.8 | 281.3 | 286.2 | 294.1 | 307.6 | 326.3 | 356.2 | 404.0 | 473.4 |
| 60° | 252.7 | 255.9 | 255.6 | 258.4 | 262.8 | 268.9 | 280.5 | 295.7 | 322.3 | 360.6 | 419.1 |
| 62.5° | 233.1 | 232.8 | 232.8 | 236.2 | 240.5 | 246.4 | 253.9 | 267.0 | 289.7 | 323.7 | 373.4 |
| 65° | 200.7 | 200.0 | 202.6 | 204.7 | 206.1 | 210.5 | 216.2 | 227.8 | 243.0 | 268.2 | 306.8 |
| 67.5° | 172.0 | 169.8 | 171.3 | 172.0 | 174.5 | 177.9 | 183.2 | 190.4 | 202.5 | 222.7 | 251.8 |
| 70° | 152.3 | 150.5 | 150.1 | 150.9 | 153.1 | 155.6 | 159.6 | 166.5 | 177.6 | 193.9 | 215.2 |
| 72.5° | 132.1 | 130.9 | 130.8 | 132.4 | 133.5 | 135.1 | 137.9 | 144.2 | 153.1 | 165.2 | 185.1 |
| 75° | 103.2 | 103.2 | 103.2 | 103.6 | 104.7 | 106.1 | 108.3 | 111.5 | 118.4 | 127.1 | 140.4 |
| 77.5° | 77.4 | 77.3 | 76.9 | 76.8 | 78.4 | 79.1 | 79.6 | 82.6 | 86.4 | 92.3 | 102.0 |
| 80° | 60.6 | 58.8 | 59.6 | 60.6 | 61.4 | 61.7 | 62.8 | 63.5 | 66.8 | 70.0 | 76.9 |
| 82.5° | 45.1 | 43.5 | 43.6 | 45.3 | 45.5 | 45.8 | 46.9 | 48.0 | 49.2 | 52.1 | 55.8 |
| 85° | 23.8 | 23.8 | 24.2 | 24.2 | 24.5 | 24.2 | 25.3 | 25.6 | 25.6 | 27.4 | 29.6 |
| 87.5° | 12.8 | 12.3 | 12.4 | 12.6 | 12.3 | 12.5 | 12.7 | 12.8 | 13.0 | 13.2 | 13.1 |
| 90° | 21.0 | 20.6 | 20.4 | 20.1 | 19.7 | 19.3 | 18.7 | 18.0 | 17.4 | 16.8 | 14.8 |
| 92.5° | 28.3 | 28.5 | 28.7 | 28.8 | 29.0 | 28.8 | 28.4 | 27.9 | 27.3 | 26.9 | 25.7 |
| 95° | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.3 | 53.6 | 53.0 | 52.4 | 51.7 | 50.5 |
| 97.5° | 84.0 | 84.0 | 84.1 | 84.2 | 84.2 | 83.9 | 83.1 | 82.5 | 81.7 | 81.1 | 80.1 |
| 100° | 106.3 | 106.0 | 105.8 | 105.4 | 105.1 | 104.7 | 104.2 | 103.8 | 103.3 | 102.8 | 102.1 |
| 102.5° | 129.3 | 129.3 | 129.4 | 129.5 | 129.5 | 129.3 | 128.8 | 128.4 | 127.9 | 127.4 | 126.4 |
| 105° | 166.5 | 166.2 | 165.9 | 165.6 | 165.2 | 165.1 | 165.1 | 165.1 | 165.1 | 165.1 | 163.7 |
| 107.5° | 205.3 | 205.5 | 205.7 | 205.9 | 206.0 | 205.9 | 205.4 | 204.8 | 204.3 | 203.9 | 203.3 |
| 110° | 231.6 | 231.9 | 232.1 | 232.5 | 232.8 | 232.6 | 232.1 | 231.4 | 230.8 | 230.2 | 229.9 |



TEST NUMBER: P332127-830

CATALOG NUMBER: S123DIW-S560D755U830-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 259.6 | 259.6 | 259.7 | 259.8 | 259.8 | 259.5 | 258.7 | 258.0 | 257.2 | 256.5 | 256.4 |
| 115° | 298.0 | 298.2 | 298.3 | 298.5 | 298.7 | 298.7 | 298.5 | 298.3 | 298.2 | 298.0 | 298.3 |
| 117.5° | 337.1 | 337.5 | 337.9 | 338.4 | 338.8 | 339.0 | 339.0 | 339.1 | 339.1 | 339.1 | 339.6 |
| 120° | 364.5 | 364.8 | 365.1 | 365.4 | 365.7 | 366.0 | 366.1 | 366.3 | 366.5 | 366.6 | 367.4 |
| 122.5° | 390.8 | 391.2 | 391.6 | 392.1 | 392.6 | 392.9 | 393.3 | 393.8 | 394.2 | 394.5 | 395.0 |
| 125° | 430.3 | 430.8 | 431.5 | 432.2 | 432.7 | 433.4 | 433.9 | 434.6 | 435.3 | 435.8 | 436.1 |
| 127.5° | 469.6 | 470.3 | 471.0 | 471.7 | 472.4 | 473.3 | 474.1 | 474.9 | 475.8 | 476.7 | 477.0 |
| 130° | 495.3 | 496.4 | 497.5 | 498.6 | 499.6 | 500.5 | 501.1 | 501.8 | 502.4 | 503.0 | 503.5 |
| 132.5° | 522.2 | 523.0 | 523.9 | 524.7 | 525.6 | 526.3 | 527.1 | 527.8 | 528.6 | 529.3 | 529.6 |
| 135° | 563.8 | 564.2 | 564.5 | 564.8 | 565.1 | 565.6 | 566.2 | 566.8 | 567.4 | 568.1 | 568.3 |
| 137.5° | 600.7 | 601.2 | 601.8 | 602.5 | 603.0 | 603.7 | 604.3 | 604.9 | 605.6 | 606.2 | 605.9 |
| 140° | 624.7 | 625.8 | 626.9 | 628.0 | 629.1 | 629.7 | 629.9 | 630.0 | 630.2 | 630.4 | 630.2 |
| 142.5° | 649.3 | 650.2 | 651.0 | 651.9 | 652.7 | 653.2 | 653.4 | 653.6 | 653.7 | 653.8 | 653.6 |
| 145° | 684.9 | 685.5 | 686.2 | 686.7 | 687.4 | 687.8 | 688.0 | 688.1 | 688.2 | 688.4 | 688.0 |
| 147.5° | 716.5 | 717.5 | 718.4 | 719.3 | 720.3 | 720.8 | 720.8 | 720.8 | 720.8 | 720.8 | 720.3 |
| 150° | 736.7 | 737.6 | 738.6 | 739.4 | 740.4 | 740.8 | 740.8 | 740.8 | 740.8 | 740.8 | 740.6 |
| 152.5° | 756.3 | 757.1 | 757.9 | 758.7 | 759.5 | 759.8 | 759.5 | 759.3 | 759.0 | 758.7 | 758.6 |
| 155° | 782.9 | 783.9 | 785.0 | 786.1 | 787.2 | 787.4 | 786.8 | 786.2 | 785.6 | 784.9 | 784.8 |
| 157.5° | 807.0 | 807.9 | 808.8 | 809.6 | 810.5 | 810.7 | 810.0 | 809.4 | 808.7 | 808.0 | 807.9 |
| 160° | 822.7 | 823.3 | 824.0 | 824.6 | 825.2 | 825.1 | 824.3 | 823.6 | 822.8 | 822.0 | 822.0 |
| 162.5° | 834.4 | 835.5 | 836.5 | 837.4 | 838.5 | 838.6 | 837.8 | 837.0 | 836.2 | 835.5 | 835.4 |
| 165° | 851.4 | 852.5 | 853.6 | 854.7 | 855.7 | 855.8 | 854.9 | 853.9 | 853.0 | 852.1 | 852.1 |
| 167.5° | 865.8 | 866.8 | 867.7 | 868.7 | 869.7 | 869.7 | 868.7 | 867.7 | 866.8 | 865.8 | 865.7 |
| 170° | 873.1 | 874.2 | 875.2 | 876.4 | 877.4 | 877.4 | 876.4 | 875.2 | 874.2 | 873.1 | 873.1 |
| 172.5° | 878.7 | 879.8 | 880.9 | 881.9 | 883.1 | 883.1 | 882.1 | 881.2 | 880.2 | 879.2 | 879.2 |
| 175° | 885.0 | 886.1 | 887.1 | 888.3 | 889.4 | 889.4 | 888.4 | 887.6 | 886.6 | 885.7 | 885.7 |
| 177.5° | 888.3 | 889.2 | 890.0 | 891.0 | 891.8 | 891.9 | 891.2 | 890.4 | 889.7 | 888.9 | 888.9 |
| 180° | 890.6 | 890.6 | 890.6 | 890.6 | 890.6 | 890.6 | 890.6 | 890.6 | 890.6 | 890.6 | 890.6 |



TEST NUMBER: P332127-830

CATALOG NUMBER: S123DIW-S560D755U830-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 745.1 | 745.1 | 745.1 | 745.1 | 745.1 | 745.1 | 745.1 | 745.1 | 745.1 | 745.1 | 745.1 |
| 2.5° | 768.2 | 765.9 | 763.6 | 759.5 | 756.0 | 751.1 | 749.7 | 748.0 | 742.8 | 738.1 | 734.7 |
| 5° | 815.1 | 806.4 | 793.8 | 782.2 | 772.9 | 760.3 | 753.0 | 745.5 | 734.6 | 724.9 | 716.9 |
| 7.5° | 864.2 | 847.2 | 827.6 | 806.3 | 786.6 | 767.4 | 752.1 | 738.4 | 723.2 | 708.8 | 697.7 |
| 10° | 903.2 | 878.6 | 851.2 | 821.6 | 796.4 | 771.8 | 751.2 | 733.2 | 713.7 | 696.7 | 682.6 |
| 12.5° | 947.6 | 911.3 | 873.5 | 837.4 | 807.6 | 773.5 | 748.7 | 725.7 | 703.6 | 683.2 | 667.3 |
| 15° | 1000.3 | 954.1 | 909.4 | 859.9 | 814.4 | 771.8 | 742.2 | 713.3 | 687.7 | 666.8 | 646.5 |
| 17.5° | 1048.2 | 995.9 | 936.9 | 876.8 | 821.9 | 771.4 | 729.9 | 697.3 | 665.2 | 639.6 | 619.4 |
| 20° | 1075.3 | 1015.8 | 949.0 | 886.6 | 826.0 | 769.6 | 724.2 | 685.1 | 650.5 | 623.4 | 600.7 |
| 22.5° | 1098.8 | 1029.1 | 960.0 | 893.2 | 825.7 | 765.0 | 713.5 | 673.4 | 635.7 | 609.3 | 585.1 |
| 25° | 1123.0 | 1039.6 | 970.3 | 892.0 | 816.5 | 753.8 | 696.0 | 650.5 | 612.9 | 581.9 | 557.0 |
| 27.5° | 1143.9 | 1039.0 | 956.7 | 872.4 | 802.3 | 739.3 | 677.7 | 628.9 | 589.0 | 555.3 | 530.0 |
| 30° | 1157.7 | 1040.4 | 942.5 | 859.1 | 788.4 | 723.4 | 663.5 | 614.4 | 572.5 | 538.2 | 514.4 |
| 32.5° | 1166.4 | 1039.5 | 929.5 | 840.7 | 766.5 | 709.0 | 648.2 | 597.4 | 554.3 | 520.7 | 497.7 |
| 35° | 1171.4 | 1033.1 | 907.2 | 802.5 | 731.0 | 675.0 | 624.2 | 571.5 | 526.3 | 494.9 | 468.9 |
| 37.5° | 1161.3 | 1019.8 | 881.2 | 765.6 | 687.4 | 632.4 | 589.5 | 544.6 | 501.4 | 466.8 | 444.4 |
| 40° | 1145.4 | 1011.2 | 860.9 | 739.7 | 657.3 | 604.3 | 567.9 | 523.8 | 481.2 | 448.4 | 427.4 |
| 42.5° | 1115.1 | 993.5 | 838.8 | 710.8 | 626.1 | 573.1 | 539.5 | 502.8 | 462.4 | 431.6 | 410.7 |
| 45° | 1041.1 | 955.2 | 805.4 | 667.5 | 580.1 | 525.3 | 495.7 | 468.9 | 432.4 | 402.5 | 384.5 |
| 47.5° | 938.4 | 897.5 | 757.1 | 621.8 | 532.1 | 479.3 | 448.5 | 427.0 | 400.3 | 376.2 | 358.8 |
| 50° | 867.1 | 850.2 | 724.5 | 590.6 | 499.9 | 448.4 | 418.8 | 399.3 | 380.1 | 355.9 | 340.1 |
| 52.5° | 784.8 | 795.2 | 686.4 | 558.3 | 467.3 | 416.6 | 388.7 | 373.2 | 355.9 | 336.0 | 322.2 |
| 55° | 668.9 | 706.8 | 620.6 | 504.0 | 418.8 | 370.4 | 344.0 | 330.3 | 320.2 | 305.4 | 293.5 |
| 57.5° | 560.4 | 608.6 | 549.3 | 448.0 | 371.0 | 329.3 | 304.1 | 289.1 | 282.6 | 274.8 | 265.5 |
| 60° | 496.0 | 543.7 | 498.5 | 410.5 | 338.9 | 299.3 | 276.9 | 264.3 | 257.8 | 252.3 | 244.4 |
| 62.5° | 438.6 | 486.7 | 448.8 | 372.3 | 307.5 | 270.7 | 251.2 | 238.8 | 233.8 | 230.9 | 224.1 |
| 65° | 359.6 | 401.1 | 375.8 | 313.0 | 262.4 | 230.0 | 212.3 | 203.6 | 198.9 | 197.8 | 193.5 |
| 67.5° | 292.7 | 324.2 | 305.9 | 259.6 | 219.8 | 191.7 | 176.7 | 169.4 | 165.8 | 165.4 | 162.1 |
| 70° | 248.7 | 278.3 | 264.3 | 222.3 | 188.0 | 166.1 | 153.1 | 146.6 | 144.4 | 144.0 | 142.2 |
| 72.5° | 214.6 | 235.3 | 224.1 | 189.2 | 162.7 | 142.7 | 133.1 | 126.3 | 123.9 | 124.4 | 123.2 |
| 75° | 158.8 | 174.4 | 167.9 | 143.6 | 122.3 | 109.3 | 101.4 | 97.1 | 94.9 | 96.0 | 94.5 |
| 77.5° | 114.3 | 124.1 | 118.3 | 101.5 | 88.4 | 79.0 | 73.1 | 70.5 | 68.5 | 68.4 | 67.8 |
| 80° | 86.2 | 92.1 | 88.8 | 78.7 | 67.9 | 59.9 | 55.2 | 53.4 | 52.3 | 52.0 | 51.7 |
| 82.5° | 61.5 | 66.4 | 62.5 | 55.6 | 48.3 | 43.5 | 40.8 | 38.5 | 37.6 | 37.8 | 37.5 |
| 85° | 31.0 | 32.9 | 31.4 | 27.1 | 24.2 | 22.1 | 20.5 | 19.5 | 18.8 | 19.1 | 18.4 |
| 87.5° | 13.2 | 13.1 | 11.9 | 10.4 | 9.4 | 8.3 | 7.9 | 7.1 | 6.8 | 7.1 | 7.2 |
| 90° | 12.7 | 10.7 | 8.7 | 6.9 | 5.4 | 3.8 | 2.3 | 0.7 | 2.3 | 3.8 | 5.4 |
| 92.5° | 24.6 | 23.4 | 22.2 | 21.1 | 20.1 | 19.0 | 18.0 | 17.0 | 18.0 | 19.0 | 20.1 |
| 95° | 49.3 | 48.1 | 46.8 | 45.6 | 44.6 | 43.5 | 42.3 | 41.3 | 42.3 | 43.5 | 44.6 |
| 97.5° | 79.2 | 78.3 | 77.4 | 76.5 | 75.8 | 74.9 | 74.1 | 73.3 | 74.1 | 74.9 | 75.8 |
| 100° | 101.3 | 100.5 | 99.7 | 98.9 | 97.9 | 97.0 | 96.0 | 95.1 | 96.0 | 97.0 | 97.9 |
| 102.5° | 125.5 | 124.4 | 123.4 | 122.5 | 122.0 | 121.5 | 120.9 | 120.4 | 120.9 | 121.5 | 122.0 |
| 105° | 162.3 | 160.9 | 159.5 | 158.6 | 158.3 | 158.1 | 157.7 | 157.4 | 157.7 | 158.1 | 158.3 |
| 107.5° | 202.7 | 202.2 | 201.6 | 201.2 | 201.0 | 200.9 | 200.7 | 200.5 | 200.7 | 200.9 | 201.0 |
| 110° | 229.5 | 229.2 | 228.9 | 228.6 | 228.3 | 228.0 | 227.7 | 227.3 | 227.7 | 228.0 | 228.3 |



TEST NUMBER: P332127-830

CATALOG NUMBER: S123DIW-S560D755U830-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 256.4 | 256.3 | 256.2 | 256.1 | 255.9 | 255.7 | 255.5 | 255.3 | 255.5 | 255.7 | 255.9 |
| 115° | 298.7 | 299.0 | 299.3 | 299.2 | 298.7 | 298.2 | 297.7 | 297.4 | 297.7 | 298.2 | 298.7 |
| 117.5° | 340.0 | 340.4 | 340.8 | 340.8 | 340.5 | 340.2 | 339.9 | 339.6 | 339.9 | 340.2 | 340.5 |
| 120° | 368.2 | 368.9 | 369.7 | 369.7 | 368.7 | 367.8 | 366.8 | 365.9 | 366.8 | 367.8 | 368.7 |
| 122.5° | 395.4 | 395.8 | 396.2 | 396.1 | 395.4 | 394.6 | 394.0 | 393.3 | 394.0 | 394.6 | 395.4 |
| 125° | 436.5 | 436.8 | 437.1 | 437.1 | 436.6 | 436.1 | 435.6 | 435.2 | 435.6 | 436.1 | 436.6 |
| 127.5° | 477.4 | 477.8 | 478.1 | 477.8 | 476.7 | 475.8 | 474.8 | 473.7 | 474.8 | 475.8 | 476.7 |
| 130° | 504.0 | 504.4 | 504.9 | 504.4 | 503.2 | 502.0 | 500.8 | 499.5 | 500.8 | 502.0 | 503.2 |
| 132.5° | 530.0 | 530.4 | 530.7 | 530.3 | 529.0 | 527.7 | 526.5 | 525.3 | 526.5 | 527.7 | 529.0 |
| 135° | 568.4 | 568.5 | 568.7 | 568.3 | 567.4 | 566.5 | 565.5 | 564.6 | 565.5 | 566.5 | 567.4 |
| 137.5° | 605.5 | 605.0 | 604.6 | 604.1 | 603.3 | 602.5 | 601.7 | 601.0 | 601.7 | 602.5 | 603.3 |
| 140° | 630.0 | 629.9 | 629.7 | 629.2 | 628.5 | 627.7 | 626.9 | 626.1 | 626.9 | 627.7 | 628.5 |
| 142.5° | 653.3 | 653.0 | 652.7 | 652.1 | 651.4 | 650.6 | 649.9 | 649.1 | 649.9 | 650.6 | 651.4 |
| 145° | 687.5 | 687.0 | 686.5 | 686.2 | 685.8 | 685.5 | 685.2 | 684.9 | 685.2 | 685.5 | 685.8 |
| 147.5° | 719.8 | 719.4 | 719.0 | 718.5 | 717.9 | 717.4 | 716.8 | 716.2 | 716.8 | 717.4 | 717.9 |
| 150° | 740.3 | 739.9 | 739.6 | 739.3 | 739.0 | 738.7 | 738.4 | 738.1 | 738.4 | 738.7 | 739.0 |
| 152.5° | 758.4 | 758.2 | 758.0 | 757.7 | 757.3 | 756.9 | 756.4 | 756.0 | 756.4 | 756.9 | 757.3 |
| 155° | 784.7 | 784.5 | 784.3 | 784.3 | 784.3 | 784.3 | 784.3 | 784.3 | 784.3 | 784.3 | 784.3 |
| 157.5° | 807.8 | 807.7 | 807.6 | 807.6 | 807.8 | 807.9 | 808.1 | 808.3 | 808.1 | 807.9 | 807.8 |
| 160° | 822.0 | 822.0 | 822.0 | 822.2 | 822.5 | 822.8 | 823.1 | 823.4 | 823.1 | 822.8 | 822.5 |
| 162.5° | 835.2 | 835.1 | 835.0 | 835.1 | 835.6 | 835.9 | 836.4 | 836.9 | 836.4 | 835.9 | 835.6 |
| 165° | 852.1 | 852.1 | 852.1 | 852.3 | 852.8 | 853.3 | 853.8 | 854.2 | 853.8 | 853.3 | 852.8 |
| 167.5° | 865.5 | 865.4 | 865.3 | 865.5 | 866.2 | 866.9 | 867.4 | 868.1 | 867.4 | 866.9 | 866.2 |
| 170° | 873.1 | 873.1 | 873.1 | 873.4 | 874.0 | 874.7 | 875.2 | 875.9 | 875.2 | 874.7 | 874.0 |
| 172.5° | 879.2 | 879.2 | 879.2 | 879.6 | 880.1 | 880.8 | 881.5 | 882.0 | 881.5 | 880.8 | 880.1 |
| 175° | 885.7 | 885.7 | 885.7 | 886.0 | 886.6 | 887.2 | 887.9 | 888.4 | 887.9 | 887.2 | 886.6 |
| 177.5° | 888.9 | 888.9 | 888.9 | 889.2 | 889.7 | 890.1 | 890.6 | 891.2 | 890.6 | 890.1 | 889.7 |
| 180° | 890.6 | 890.6 | 890.6 | 890.6 | 890.6 | 890.6 | 890.6 | 890.6 | 890.6 | 890.6 | 890.6 |



TEST NUMBER: P332127-830

CATALOG NUMBER: S123DIW-S560D755U830-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 745.1 | 745.1 | 745.1 | 745.1 | 745.1 | 745.1 | 745.1 | 745.1 | 745.1 | 745.1 | 745.1 |
| 2.5° | 732.6 | 730.7 | 727.7 | 723.4 | 719.9 | 714.4 | 714.4 | 715.3 | 715.3 | 715.0 | 714.4 |
| 5° | 710.4 | 705.0 | 698.5 | 691.0 | 683.0 | 675.0 | 673.6 | 670.7 | 668.5 | 667.1 | 665.3 |
| 7.5° | 686.9 | 677.4 | 667.9 | 657.3 | 647.6 | 639.6 | 634.0 | 629.4 | 626.4 | 623.3 | 620.9 |
| 10° | 671.1 | 659.1 | 648.0 | 636.8 | 624.5 | 614.7 | 608.6 | 604.3 | 601.1 | 598.1 | 596.7 |
| 12.5° | 652.3 | 638.7 | 626.3 | 615.7 | 602.3 | 592.2 | 586.4 | 584.4 | 580.5 | 574.5 | 571.3 |
| 15° | 624.9 | 612.3 | 597.5 | 581.2 | 574.7 | 562.4 | 555.5 | 552.3 | 550.2 | 545.4 | 544.0 |
| 17.5° | 601.4 | 584.8 | 568.3 | 556.1 | 544.0 | 534.1 | 530.3 | 526.2 | 523.4 | 519.5 | 518.4 |
| 20° | 582.7 | 567.9 | 552.7 | 539.7 | 527.1 | 516.2 | 512.9 | 510.1 | 507.2 | 505.4 | 504.0 |
| 22.5° | 563.5 | 548.7 | 536.2 | 524.1 | 510.6 | 503.5 | 499.9 | 496.8 | 494.7 | 493.5 | 492.1 |
| 25° | 536.8 | 523.8 | 509.7 | 498.9 | 488.0 | 483.3 | 481.2 | 479.4 | 478.0 | 476.2 | 475.8 |
| 27.5° | 512.8 | 498.7 | 487.3 | 477.1 | 469.4 | 465.4 | 463.4 | 462.5 | 462.8 | 463.4 | 463.8 |
| 30° | 494.9 | 481.9 | 472.5 | 463.8 | 456.7 | 453.1 | 452.7 | 452.7 | 454.1 | 454.5 | 455.2 |
| 32.5° | 478.4 | 467.8 | 458.4 | 450.0 | 444.5 | 442.1 | 443.5 | 443.5 | 444.6 | 445.5 | 446.9 |
| 35° | 454.5 | 445.1 | 437.9 | 430.6 | 425.9 | 427.1 | 427.7 | 428.5 | 430.3 | 432.4 | 433.9 |
| 37.5° | 431.6 | 423.5 | 415.9 | 410.3 | 408.1 | 410.1 | 411.8 | 413.3 | 415.5 | 417.1 | 418.5 |
| 40° | 415.1 | 409.0 | 401.8 | 396.7 | 397.5 | 398.5 | 400.0 | 401.8 | 403.6 | 404.6 | 406.1 |
| 42.5° | 399.8 | 393.4 | 388.0 | 383.7 | 384.7 | 386.2 | 387.0 | 388.0 | 390.0 | 392.0 | 392.9 |
| 45° | 376.5 | 371.5 | 366.4 | 363.9 | 364.6 | 365.3 | 366.1 | 367.1 | 368.9 | 370.4 | 370.7 |
| 47.5° | 350.3 | 346.8 | 343.4 | 340.9 | 342.0 | 341.8 | 342.7 | 345.1 | 345.6 | 346.5 | 348.5 |
| 50° | 333.6 | 330.3 | 326.3 | 325.6 | 325.6 | 325.6 | 325.9 | 328.9 | 328.9 | 330.3 | 331.8 |
| 52.5° | 315.1 | 313.0 | 310.5 | 309.2 | 308.6 | 308.6 | 310.1 | 311.5 | 312.1 | 314.1 | 315.6 |
| 55° | 287.7 | 285.5 | 283.4 | 282.3 | 281.5 | 282.3 | 285.2 | 285.9 | 287.7 | 288.8 | 289.8 |
| 57.5° | 259.2 | 257.5 | 255.8 | 255.2 | 255.1 | 256.0 | 257.6 | 259.8 | 260.2 | 263.5 | 265.1 |
| 60° | 240.4 | 237.9 | 236.5 | 236.5 | 235.7 | 238.9 | 238.3 | 241.9 | 242.6 | 244.8 | 247.3 |
| 62.5° | 221.0 | 217.6 | 217.1 | 217.1 | 218.1 | 219.0 | 220.1 | 221.7 | 223.6 | 226.3 | 228.2 |
| 65° | 189.9 | 188.0 | 190.6 | 190.2 | 189.5 | 191.7 | 191.7 | 193.5 | 195.7 | 198.2 | 202.2 |
| 67.5° | 160.3 | 159.4 | 159.7 | 159.7 | 160.7 | 161.9 | 163.0 | 164.6 | 167.1 | 169.8 | 172.4 |
| 70° | 140.4 | 141.5 | 139.7 | 141.2 | 142.2 | 142.6 | 143.3 | 145.4 | 148.4 | 150.1 | 153.1 |
| 72.5° | 121.1 | 121.0 | 121.2 | 121.8 | 122.9 | 123.6 | 124.2 | 126.7 | 129.9 | 131.4 | 133.7 |
| 75° | 93.1 | 92.7 | 93.9 | 93.9 | 95.7 | 96.4 | 97.1 | 98.2 | 101.0 | 103.2 | 105.1 |
| 77.5° | 68.1 | 68.4 | 68.2 | 69.5 | 69.0 | 69.1 | 71.4 | 72.4 | 72.7 | 77.0 | 77.9 |
| 80° | 51.3 | 52.0 | 52.3 | 52.7 | 53.1 | 52.3 | 54.9 | 56.0 | 56.0 | 58.4 | 60.3 |
| 82.5° | 36.9 | 37.2 | 38.2 | 38.5 | 38.6 | 39.3 | 39.6 | 40.3 | 41.2 | 42.3 | 44.7 |
| 85° | 18.4 | 19.5 | 19.9 | 19.5 | 19.9 | 19.1 | 20.2 | 20.5 | 20.9 | 20.9 | 20.9 |
| 87.5° | 7.2 | 7.8 | 7.9 | 8.6 | 8.8 | 9.4 | 9.5 | 9.0 | 9.2 | 10.2 | 9.1 |
| 90° | 6.9 | 8.7 | 10.7 | 12.7 | 14.8 | 16.8 | 17.4 | 18.0 | 18.7 | 19.3 | 19.7 |
| 92.5° | 21.1 | 22.2 | 23.4 | 24.6 | 25.7 | 26.9 | 27.3 | 27.9 | 28.4 | 28.8 | 29.0 |
| 95° | 45.6 | 46.8 | 48.1 | 49.3 | 50.5 | 51.7 | 52.4 | 53.0 | 53.6 | 54.3 | 54.6 |
| 97.5° | 76.5 | 77.4 | 78.3 | 79.2 | 80.1 | 81.1 | 81.7 | 82.5 | 83.1 | 83.9 | 84.2 |
| 100° | 98.9 | 99.7 | 100.5 | 101.3 | 102.1 | 102.8 | 103.3 | 103.8 | 104.2 | 104.7 | 105.1 |
| 102.5° | 122.5 | 123.4 | 124.4 | 125.5 | 126.4 | 127.4 | 127.9 | 128.4 | 128.8 | 129.3 | 129.5 |
| 105° | 158.6 | 159.5 | 160.9 | 162.3 | 163.7 | 165.1 | 165.1 | 165.1 | 165.1 | 165.1 | 165.2 |
| 107.5° | 201.2 | 201.6 | 202.2 | 202.7 | 203.3 | 203.9 | 204.3 | 204.8 | 205.4 | 205.9 | 206.0 |
| 110° | 228.6 | 228.9 | 229.2 | 229.5 | 229.9 | 230.2 | 230.8 | 231.4 | 232.1 | 232.6 | 232.8 |



TEST NUMBER: P332127-830

CATALOG NUMBER: S123DIW-S560D755U830-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 256.1 | 256.2 | 256.3 | 256.4 | 256.4 | 256.5 | 257.2 | 258.0 | 258.7 | 259.5 | 259.8 |
| 115° | 299.2 | 299.3 | 299.0 | 298.7 | 298.3 | 298.0 | 298.2 | 298.3 | 298.5 | 298.7 | 298.7 |
| 117.5° | 340.8 | 340.8 | 340.4 | 340.0 | 339.6 | 339.1 | 339.1 | 339.1 | 339.0 | 339.0 | 338.8 |
| 120° | 369.7 | 369.7 | 368.9 | 368.2 | 367.4 | 366.6 | 366.5 | 366.3 | 366.1 | 366.0 | 365.7 |
| 122.5° | 396.1 | 396.2 | 395.8 | 395.4 | 395.0 | 394.5 | 394.2 | 393.8 | 393.3 | 392.9 | 392.6 |
| 125° | 437.1 | 437.1 | 436.8 | 436.5 | 436.1 | 435.8 | 435.3 | 434.6 | 433.9 | 433.4 | 432.7 |
| 127.5° | 477.8 | 478.1 | 477.8 | 477.4 | 477.0 | 476.7 | 475.8 | 474.9 | 474.1 | 473.3 | 472.4 |
| 130° | 504.4 | 504.9 | 504.4 | 504.0 | 503.5 | 503.0 | 502.4 | 501.8 | 501.1 | 500.5 | 499.6 |
| 132.5° | 530.3 | 530.7 | 530.4 | 530.0 | 529.6 | 529.3 | 528.6 | 527.8 | 527.1 | 526.3 | 525.6 |
| 135° | 568.3 | 568.7 | 568.5 | 568.4 | 568.3 | 568.1 | 567.4 | 566.8 | 566.2 | 565.6 | 565.1 |
| 137.5° | 604.1 | 604.6 | 605.0 | 605.5 | 605.9 | 606.2 | 605.6 | 604.9 | 604.3 | 603.7 | 603.0 |
| 140° | 629.2 | 629.7 | 629.9 | 630.0 | 630.2 | 630.4 | 630.2 | 630.0 | 629.9 | 629.7 | 629.1 |
| 142.5° | 652.1 | 652.7 | 653.0 | 653.3 | 653.6 | 653.8 | 653.7 | 653.6 | 653.4 | 653.2 | 652.7 |
| 145° | 686.2 | 686.5 | 687.0 | 687.5 | 688.0 | 688.4 | 688.2 | 688.1 | 688.0 | 687.8 | 687.4 |
| 147.5° | 718.5 | 719.0 | 719.4 | 719.8 | 720.3 | 720.8 | 720.8 | 720.8 | 720.8 | 720.8 | 720.3 |
| 150° | 739.3 | 739.6 | 739.9 | 740.3 | 740.6 | 740.8 | 740.8 | 740.8 | 740.8 | 740.8 | 740.4 |
| 152.5° | 757.7 | 758.0 | 758.2 | 758.4 | 758.6 | 758.7 | 759.0 | 759.3 | 759.5 | 759.8 | 759.5 |
| 155° | 784.3 | 784.3 | 784.5 | 784.7 | 784.8 | 784.9 | 785.6 | 786.2 | 786.8 | 787.4 | 787.2 |
| 157.5° | 807.6 | 807.6 | 807.7 | 807.8 | 807.9 | 808.0 | 808.7 | 809.4 | 810.0 | 810.7 | 810.5 |
| 160° | 822.2 | 822.0 | 822.0 | 822.0 | 822.0 | 822.0 | 822.8 | 823.6 | 824.3 | 825.1 | 825.2 |
| 162.5° | 835.1 | 835.0 | 835.1 | 835.2 | 835.4 | 835.5 | 836.2 | 837.0 | 837.8 | 838.6 | 838.5 |
| 165° | 852.3 | 852.1 | 852.1 | 852.1 | 852.1 | 852.1 | 853.0 | 853.9 | 854.9 | 855.8 | 855.7 |
| 167.5° | 865.5 | 865.3 | 865.4 | 865.5 | 865.7 | 865.8 | 866.8 | 867.7 | 868.7 | 869.7 | 869.7 |
| 170° | 873.4 | 873.1 | 873.1 | 873.1 | 873.1 | 873.1 | 874.2 | 875.2 | 876.4 | 877.4 | 877.4 |
| 172.5° | 879.6 | 879.2 | 879.2 | 879.2 | 879.2 | 879.2 | 880.2 | 881.2 | 882.1 | 883.1 | 883.1 |
| 175° | 886.0 | 885.7 | 885.7 | 885.7 | 885.7 | 885.7 | 886.6 | 887.6 | 888.4 | 889.4 | 889.4 |
| 177.5° | 889.2 | 888.9 | 888.9 | 888.9 | 888.9 | 888.9 | 889.7 | 890.4 | 891.2 | 891.9 | 891.8 |
| 180° | 890.6 | 890.6 | 890.6 | 890.6 | 890.6 | 890.6 | 890.6 | 890.6 | 890.6 | 890.6 | 890.6 |



TEST NUMBER: P332127-830

CATALOG NUMBER: S123DIW-S560D755U830-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 745.1 | 745.1 | 745.1 | 745.1 | 745.1 | 745.1 | 745.1 | 745.1 | 745.1 | 745.1 | 745.1 |
| 2.5° | 712.5 | 712.2 | 714.2 | 712.8 | 714.2 | 712.2 | 712.5 | 714.4 | 715.0 | 715.3 | 715.3 |
| 5° | 663.2 | 664.2 | 660.6 | 660.6 | 660.6 | 664.2 | 663.2 | 665.3 | 667.1 | 668.5 | 670.7 |
| 7.5° | 619.3 | 617.6 | 617.8 | 615.9 | 617.8 | 617.6 | 619.3 | 620.9 | 623.3 | 626.4 | 629.4 |
| 10° | 592.4 | 590.2 | 589.5 | 589.8 | 589.5 | 590.2 | 592.4 | 596.7 | 598.1 | 601.1 | 604.3 |
| 12.5° | 570.1 | 569.7 | 565.0 | 565.1 | 565.0 | 569.7 | 570.1 | 571.3 | 574.5 | 580.5 | 584.4 |
| 15° | 544.0 | 537.2 | 536.4 | 538.6 | 536.4 | 537.2 | 544.0 | 544.0 | 545.4 | 550.2 | 552.3 |
| 17.5° | 517.8 | 514.2 | 514.4 | 513.3 | 514.4 | 514.2 | 517.8 | 518.4 | 519.5 | 523.4 | 526.2 |
| 20° | 504.0 | 501.8 | 501.4 | 498.9 | 501.4 | 501.8 | 504.0 | 504.0 | 505.4 | 507.2 | 510.1 |
| 22.5° | 491.3 | 490.5 | 490.7 | 488.0 | 490.7 | 490.5 | 491.3 | 492.1 | 493.5 | 494.7 | 496.8 |
| 25° | 475.4 | 477.2 | 475.8 | 475.8 | 475.8 | 477.2 | 475.4 | 475.8 | 476.2 | 478.0 | 479.4 |
| 27.5° | 464.8 | 464.7 | 463.9 | 463.9 | 463.9 | 464.7 | 464.8 | 463.8 | 463.4 | 462.8 | 462.5 |
| 30° | 456.7 | 456.3 | 457.0 | 457.0 | 457.0 | 456.3 | 456.7 | 455.2 | 454.5 | 454.1 | 452.7 |
| 32.5° | 448.6 | 449.0 | 449.2 | 449.5 | 449.2 | 449.0 | 448.6 | 446.9 | 445.5 | 444.6 | 443.5 |
| 35° | 436.1 | 436.4 | 437.5 | 436.8 | 437.5 | 436.4 | 436.1 | 433.9 | 432.4 | 430.3 | 428.5 |
| 37.5° | 419.1 | 420.8 | 420.5 | 421.0 | 420.5 | 420.8 | 419.1 | 418.5 | 417.1 | 415.5 | 413.3 |
| 40° | 406.5 | 407.6 | 407.2 | 407.2 | 407.2 | 407.6 | 406.5 | 406.1 | 404.6 | 403.6 | 401.8 |
| 42.5° | 393.5 | 394.3 | 393.3 | 392.8 | 393.3 | 394.3 | 393.5 | 392.9 | 392.0 | 390.0 | 388.0 |
| 45° | 372.2 | 371.5 | 372.6 | 371.1 | 372.6 | 371.5 | 372.2 | 370.7 | 370.4 | 368.9 | 367.1 |
| 47.5° | 348.4 | 349.1 | 349.4 | 350.4 | 349.4 | 349.1 | 348.4 | 348.5 | 346.5 | 345.6 | 345.1 |
| 50° | 332.4 | 334.6 | 334.6 | 334.3 | 334.6 | 334.6 | 332.4 | 331.8 | 330.3 | 328.9 | 328.9 |
| 52.5° | 316.9 | 317.9 | 319.3 | 319.2 | 319.3 | 317.9 | 316.9 | 315.6 | 314.1 | 312.1 | 311.5 |
| 55° | 292.8 | 293.5 | 294.2 | 294.5 | 294.2 | 293.5 | 292.8 | 289.8 | 288.8 | 287.7 | 285.9 |
| 57.5° | 267.8 | 267.5 | 269.2 | 269.8 | 269.2 | 267.5 | 267.8 | 265.1 | 263.5 | 260.2 | 259.8 |
| 60° | 250.2 | 250.2 | 253.1 | 254.1 | 253.1 | 250.2 | 250.2 | 247.3 | 244.8 | 242.6 | 241.9 |
| 62.5° | 231.4 | 232.5 | 235.4 | 233.9 | 235.4 | 232.5 | 231.4 | 228.2 | 226.3 | 223.6 | 221.7 |
| 65° | 204.0 | 206.9 | 206.5 | 207.9 | 206.5 | 206.9 | 204.0 | 202.2 | 198.2 | 195.7 | 193.5 |
| 67.5° | 175.3 | 177.1 | 179.7 | 179.9 | 179.7 | 177.1 | 175.3 | 172.4 | 169.8 | 167.1 | 164.6 |
| 70° | 156.0 | 157.8 | 159.2 | 160.2 | 159.2 | 157.8 | 156.0 | 153.1 | 150.1 | 148.4 | 145.4 |
| 72.5° | 137.1 | 138.1 | 141.6 | 140.1 | 141.6 | 138.1 | 137.1 | 133.7 | 131.4 | 129.9 | 126.7 |
| 75° | 107.5 | 110.1 | 112.3 | 111.2 | 112.3 | 110.1 | 107.5 | 105.1 | 103.2 | 101.0 | 98.2 |
| 77.5° | 79.6 | 82.1 | 83.1 | 82.2 | 83.1 | 82.1 | 79.6 | 77.9 | 77.0 | 72.7 | 72.4 |
| 80° | 62.8 | 62.5 | 64.7 | 64.3 | 64.7 | 62.5 | 62.8 | 60.3 | 58.4 | 56.0 | 56.0 |
| 82.5° | 46.1 | 45.7 | 46.8 | 46.9 | 46.8 | 45.7 | 46.1 | 44.7 | 42.3 | 41.2 | 40.3 |
| 85° | 22.3 | 23.5 | 22.1 | 21.7 | 22.1 | 23.5 | 22.3 | 20.9 | 20.9 | 20.9 | 20.5 |
| 87.5° | 9.2 | 9.2 | 9.0 | 8.9 | 9.0 | 9.2 | 9.2 | 9.1 | 10.2 | 9.2 | 9.0 |
| 90° | 20.1 | 20.4 | 20.6 | 21.0 | 20.6 | 20.4 | 20.1 | 19.7 | 19.3 | 18.7 | 18.0 |
| 92.5° | 28.8 | 28.7 | 28.5 | 28.3 | 28.5 | 28.7 | 28.8 | 29.0 | 28.8 | 28.4 | 27.9 |
| 95° | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.3 | 53.6 | 53.0 |
| 97.5° | 84.2 | 84.1 | 84.0 | 84.0 | 84.0 | 84.1 | 84.2 | 84.2 | 83.9 | 83.1 | 82.5 |
| 100° | 105.4 | 105.8 | 106.0 | 106.3 | 106.0 | 105.8 | 105.4 | 105.1 | 104.7 | 104.2 | 103.8 |
| 102.5° | 129.5 | 129.4 | 129.3 | 129.3 | 129.3 | 129.4 | 129.5 | 129.5 | 129.3 | 128.8 | 128.4 |
| 105° | 165.6 | 165.9 | 166.2 | 166.5 | 166.2 | 165.9 | 165.6 | 165.2 | 165.1 | 165.1 | 165.1 |
| 107.5° | 205.9 | 205.7 | 205.5 | 205.3 | 205.5 | 205.7 | 205.9 | 206.0 | 205.9 | 205.4 | 204.8 |
| 110° | 232.5 | 232.1 | 231.9 | 231.6 | 231.9 | 232.1 | 232.5 | 232.8 | 232.6 | 232.1 | 231.4 |



TEST NUMBER: P332127-830

CATALOG NUMBER: S123DIW-S560D755U830-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 259.8 | 259.7 | 259.6 | 259.6 | 259.6 | 259.7 | 259.8 | 259.8 | 259.5 | 258.7 | 258.0 |
| 115° | 298.5 | 298.3 | 298.2 | 298.0 | 298.2 | 298.3 | 298.5 | 298.7 | 298.7 | 298.5 | 298.3 |
| 117.5° | 338.4 | 337.9 | 337.5 | 337.1 | 337.5 | 337.9 | 338.4 | 338.8 | 339.0 | 339.0 | 339.1 |
| 120° | 365.4 | 365.1 | 364.8 | 364.5 | 364.8 | 365.1 | 365.4 | 365.7 | 366.0 | 366.1 | 366.3 |
| 122.5° | 392.1 | 391.6 | 391.2 | 390.8 | 391.2 | 391.6 | 392.1 | 392.6 | 392.9 | 393.3 | 393.8 |
| 125° | 432.2 | 431.5 | 430.8 | 430.3 | 430.8 | 431.5 | 432.2 | 432.7 | 433.4 | 433.9 | 434.6 |
| 127.5° | 471.7 | 471.0 | 470.3 | 469.6 | 470.3 | 471.0 | 471.7 | 472.4 | 473.3 | 474.1 | 474.9 |
| 130° | 498.6 | 497.5 | 496.4 | 495.3 | 496.4 | 497.5 | 498.6 | 499.6 | 500.5 | 501.1 | 501.8 |
| 132.5° | 524.7 | 523.9 | 523.0 | 522.2 | 523.0 | 523.9 | 524.7 | 525.6 | 526.3 | 527.1 | 527.8 |
| 135° | 564.8 | 564.5 | 564.2 | 563.8 | 564.2 | 564.5 | 564.8 | 565.1 | 565.6 | 566.2 | 566.8 |
| 137.5° | 602.5 | 601.8 | 601.2 | 600.7 | 601.2 | 601.8 | 602.5 | 603.0 | 603.7 | 604.3 | 604.9 |
| 140° | 628.0 | 626.9 | 625.8 | 624.7 | 625.8 | 626.9 | 628.0 | 629.1 | 629.7 | 629.9 | 630.0 |
| 142.5° | 651.9 | 651.0 | 650.2 | 649.3 | 650.2 | 651.0 | 651.9 | 652.7 | 653.2 | 653.4 | 653.6 |
| 145° | 686.7 | 686.2 | 685.5 | 684.9 | 685.5 | 686.2 | 686.7 | 687.4 | 687.8 | 688.0 | 688.1 |
| 147.5° | 719.3 | 718.4 | 717.5 | 716.5 | 717.5 | 718.4 | 719.3 | 720.3 | 720.8 | 720.8 | 720.8 |
| 150° | 739.4 | 738.6 | 737.6 | 736.7 | 737.6 | 738.6 | 739.4 | 740.4 | 740.8 | 740.8 | 740.8 |
| 152.5° | 758.7 | 757.9 | 757.1 | 756.3 | 757.1 | 757.9 | 758.7 | 759.5 | 759.8 | 759.5 | 759.3 |
| 155° | 786.1 | 785.0 | 783.9 | 782.9 | 783.9 | 785.0 | 786.1 | 787.2 | 787.4 | 786.8 | 786.2 |
| 157.5° | 809.6 | 808.8 | 807.9 | 807.0 | 807.9 | 808.8 | 809.6 | 810.5 | 810.7 | 810.0 | 809.4 |
| 160° | 824.6 | 824.0 | 823.3 | 822.7 | 823.3 | 824.0 | 824.6 | 825.2 | 825.1 | 824.3 | 823.6 |
| 162.5° | 837.4 | 836.5 | 835.5 | 834.4 | 835.5 | 836.5 | 837.4 | 838.5 | 838.6 | 837.8 | 837.0 |
| 165° | 854.7 | 853.6 | 852.5 | 851.4 | 852.5 | 853.6 | 854.7 | 855.7 | 855.8 | 854.9 | 853.9 |
| 167.5° | 868.7 | 867.7 | 866.8 | 865.8 | 866.8 | 867.7 | 868.7 | 869.7 | 869.7 | 868.7 | 867.7 |
| 170° | 876.4 | 875.2 | 874.2 | 873.1 | 874.2 | 875.2 | 876.4 | 877.4 | 877.4 | 876.4 | 875.2 |
| 172.5° | 881.9 | 880.9 | 879.8 | 878.7 | 879.8 | 880.9 | 881.9 | 883.1 | 883.1 | 882.1 | 881.2 |
| 175° | 888.3 | 887.1 | 886.1 | 885.0 | 886.1 | 887.1 | 888.3 | 889.4 | 889.4 | 888.4 | 887.6 |
| 177.5° | 891.0 | 890.0 | 889.2 | 888.3 | 889.2 | 890.0 | 891.0 | 891.8 | 891.9 | 891.2 | 890.4 |
| 180° | 890.6 | 890.6 | 890.6 | 890.6 | 890.6 | 890.6 | 890.6 | 890.6 | 890.6 | 890.6 | 890.6 |



TEST NUMBER: P332127-830

CATALOG NUMBER: S123DIW-S560D755U830-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 745.1 | 745.1 | 745.1 | 745.1 | 745.1 | 745.1 | 745.1 | 745.1 | 745.1 | 745.1 | 745.1 |
| 2.5° | 714.4 | 714.4 | 719.9 | 723.4 | 727.7 | 730.7 | 732.6 | 734.7 | 738.1 | 742.8 | 748.0 |
| 5° | 673.6 | 675.0 | 683.0 | 691.0 | 698.5 | 705.0 | 710.4 | 716.9 | 724.9 | 734.6 | 745.5 |
| 7.5° | 634.0 | 639.6 | 647.6 | 657.3 | 667.9 | 677.4 | 686.9 | 697.7 | 708.8 | 723.2 | 738.4 |
| 10° | 608.6 | 614.7 | 624.5 | 636.8 | 648.0 | 659.1 | 671.1 | 682.6 | 696.7 | 713.7 | 733.2 |
| 12.5° | 586.4 | 592.2 | 602.3 | 615.7 | 626.3 | 638.7 | 652.3 | 667.3 | 683.2 | 703.6 | 725.7 |
| 15° | 555.5 | 562.4 | 574.7 | 581.2 | 597.5 | 612.3 | 624.9 | 646.5 | 666.8 | 687.7 | 713.3 |
| 17.5° | 530.3 | 534.1 | 544.0 | 556.1 | 568.3 | 584.8 | 601.4 | 619.4 | 639.6 | 665.2 | 697.3 |
| 20° | 512.9 | 516.2 | 527.1 | 539.7 | 552.7 | 567.9 | 582.7 | 600.7 | 623.4 | 650.5 | 685.1 |
| 22.5° | 499.9 | 503.5 | 510.6 | 524.1 | 536.2 | 548.7 | 563.5 | 585.1 | 609.3 | 635.7 | 673.4 |
| 25° | 481.2 | 483.3 | 488.0 | 498.9 | 509.7 | 523.8 | 536.8 | 557.0 | 581.9 | 612.9 | 650.5 |
| 27.5° | 463.4 | 465.4 | 469.4 | 477.1 | 487.3 | 498.7 | 512.8 | 530.0 | 555.3 | 589.0 | 628.9 |
| 30° | 452.7 | 453.1 | 456.7 | 463.8 | 472.5 | 481.9 | 494.9 | 514.4 | 538.2 | 572.5 | 614.4 |
| 32.5° | 443.5 | 442.1 | 444.5 | 450.0 | 458.4 | 467.8 | 478.4 | 497.7 | 520.7 | 554.3 | 597.4 |
| 35° | 427.7 | 427.1 | 425.9 | 430.6 | 437.9 | 445.1 | 454.5 | 468.9 | 494.9 | 526.3 | 571.5 |
| 37.5° | 411.8 | 410.1 | 408.1 | 410.3 | 415.9 | 423.5 | 431.6 | 444.4 | 466.8 | 501.4 | 544.6 |
| 40° | 400.0 | 398.5 | 397.5 | 396.7 | 401.8 | 409.0 | 415.1 | 427.4 | 448.4 | 481.2 | 523.8 |
| 42.5° | 387.0 | 386.2 | 384.7 | 383.7 | 388.0 | 393.4 | 399.8 | 410.7 | 431.6 | 462.4 | 502.8 |
| 45° | 366.1 | 365.3 | 364.6 | 363.9 | 366.4 | 371.5 | 376.5 | 384.5 | 402.5 | 432.4 | 468.9 |
| 47.5° | 342.7 | 341.8 | 342.0 | 340.9 | 343.4 | 346.8 | 350.3 | 358.8 | 376.2 | 400.3 | 427.0 |
| 50° | 325.9 | 325.6 | 325.6 | 325.6 | 326.3 | 330.3 | 333.6 | 340.1 | 355.9 | 380.1 | 399.3 |
| 52.5° | 310.1 | 308.6 | 308.6 | 309.2 | 310.5 | 313.0 | 315.1 | 322.2 | 336.0 | 355.9 | 373.2 |
| 55° | 285.2 | 282.3 | 281.5 | 282.3 | 283.4 | 285.5 | 287.7 | 293.5 | 305.4 | 320.2 | 330.3 |
| 57.5° | 257.6 | 256.0 | 255.1 | 255.2 | 255.8 | 257.5 | 259.2 | 265.5 | 274.8 | 282.6 | 289.1 |
| 60° | 238.3 | 238.9 | 235.7 | 236.5 | 236.5 | 237.9 | 240.4 | 244.4 | 252.3 | 257.8 | 264.3 |
| 62.5° | 220.1 | 219.0 | 218.1 | 217.1 | 217.1 | 217.6 | 221.0 | 224.1 | 230.9 | 233.8 | 238.8 |
| 65° | 191.7 | 191.7 | 189.5 | 190.2 | 190.6 | 188.0 | 189.9 | 193.5 | 197.8 | 198.9 | 203.6 |
| 67.5° | 163.0 | 161.9 | 160.7 | 159.7 | 159.7 | 159.4 | 160.3 | 162.1 | 165.4 | 165.8 | 169.4 |
| 70° | 143.3 | 142.6 | 142.2 | 141.2 | 139.7 | 141.5 | 140.4 | 142.2 | 144.0 | 144.4 | 146.6 |
| 72.5° | 124.2 | 123.6 | 122.9 | 121.8 | 121.2 | 121.0 | 121.1 | 123.2 | 124.4 | 123.9 | 126.3 |
| 75° | 97.1 | 96.4 | 95.7 | 93.9 | 93.9 | 92.7 | 93.1 | 94.5 | 96.0 | 94.9 | 97.1 |
| 77.5° | 71.4 | 69.1 | 69.0 | 69.5 | 68.2 | 68.4 | 68.1 | 67.8 | 68.4 | 68.5 | 70.5 |
| 80° | 54.9 | 52.3 | 53.1 | 52.7 | 52.3 | 52.0 | 51.3 | 51.7 | 52.0 | 52.3 | 53.4 |
| 82.5° | 39.6 | 39.3 | 38.6 | 38.5 | 38.2 | 37.2 | 36.9 | 37.5 | 37.8 | 37.6 | 38.5 |
| 85° | 20.2 | 19.1 | 19.9 | 19.5 | 19.9 | 19.5 | 18.4 | 18.4 | 19.1 | 18.8 | 19.5 |
| 87.5° | 9.5 | 9.4 | 8.8 | 8.6 | 7.9 | 7.8 | 7.2 | 7.2 | 7.1 | 6.8 | 7.1 |
| 90° | 17.4 | 16.8 | 14.8 | 12.7 | 10.7 | 8.7 | 6.9 | 5.4 | 3.8 | 2.3 | 0.7 |
| 92.5° | 27.3 | 26.9 | 25.7 | 24.6 | 23.4 | 22.2 | 21.1 | 20.1 | 19.0 | 18.0 | 17.0 |
| 95° | 52.4 | 51.7 | 50.5 | 49.3 | 48.1 | 46.8 | 45.6 | 44.6 | 43.5 | 42.3 | 41.3 |
| 97.5° | 81.7 | 81.1 | 80.1 | 79.2 | 78.3 | 77.4 | 76.5 | 75.8 | 74.9 | 74.1 | 73.3 |
| 100° | 103.3 | 102.8 | 102.1 | 101.3 | 100.5 | 99.7 | 98.9 | 97.9 | 97.0 | 96.0 | 95.1 |
| 102.5° | 127.9 | 127.4 | 126.4 | 125.5 | 124.4 | 123.4 | 122.5 | 122.0 | 121.5 | 120.9 | 120.4 |
| 105° | 165.1 | 165.1 | 163.7 | 162.3 | 160.9 | 159.5 | 158.6 | 158.3 | 158.1 | 157.7 | 157.4 |
| 107.5° | 204.3 | 203.9 | 203.3 | 202.7 | 202.2 | 201.6 | 201.2 | 201.0 | 200.9 | 200.7 | 200.5 |
| 110° | 230.8 | 230.2 | 229.9 | 229.5 | 229.2 | 228.9 | 228.6 | 228.3 | 228.0 | 227.7 | 227.3 |



TEST NUMBER: P332127-830

CATALOG NUMBER: S123DIW-S560D755U830-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 257.2 | 256.5 | 256.4 | 256.4 | 256.3 | 256.2 | 256.1 | 255.9 | 255.7 | 255.5 | 255.3 |
| 115° | 298.2 | 298.0 | 298.3 | 298.7 | 299.0 | 299.3 | 299.2 | 298.7 | 298.2 | 297.7 | 297.4 |
| 117.5° | 339.1 | 339.1 | 339.6 | 340.0 | 340.4 | 340.8 | 340.8 | 340.5 | 340.2 | 339.9 | 339.6 |
| 120° | 366.5 | 366.6 | 367.4 | 368.2 | 368.9 | 369.7 | 369.7 | 368.7 | 367.8 | 366.8 | 365.9 |
| 122.5° | 394.2 | 394.5 | 395.0 | 395.4 | 395.8 | 396.2 | 396.1 | 395.4 | 394.6 | 394.0 | 393.3 |
| 125° | 435.3 | 435.8 | 436.1 | 436.5 | 436.8 | 437.1 | 437.1 | 436.6 | 436.1 | 435.6 | 435.2 |
| 127.5° | 475.8 | 476.7 | 477.0 | 477.4 | 477.8 | 478.1 | 477.8 | 476.7 | 475.8 | 474.8 | 473.7 |
| 130° | 502.4 | 503.0 | 503.5 | 504.0 | 504.4 | 504.9 | 504.4 | 503.2 | 502.0 | 500.8 | 499.5 |
| 132.5° | 528.6 | 529.3 | 529.6 | 530.0 | 530.4 | 530.7 | 530.3 | 529.0 | 527.7 | 526.5 | 525.3 |
| 135° | 567.4 | 568.1 | 568.3 | 568.4 | 568.5 | 568.7 | 568.3 | 567.4 | 566.5 | 565.5 | 564.6 |
| 137.5° | 605.6 | 606.2 | 605.9 | 605.5 | 605.0 | 604.6 | 604.1 | 603.3 | 602.5 | 601.7 | 601.0 |
| 140° | 630.2 | 630.4 | 630.2 | 630.0 | 629.9 | 629.7 | 629.2 | 628.5 | 627.7 | 626.9 | 626.1 |
| 142.5° | 653.7 | 653.8 | 653.6 | 653.3 | 653.0 | 652.7 | 652.1 | 651.4 | 650.6 | 649.9 | 649.1 |
| 145° | 688.2 | 688.4 | 688.0 | 687.5 | 687.0 | 686.5 | 686.2 | 685.8 | 685.5 | 685.2 | 684.9 |
| 147.5° | 720.8 | 720.8 | 720.3 | 719.8 | 719.4 | 719.0 | 718.5 | 717.9 | 717.4 | 716.8 | 716.2 |
| 150° | 740.8 | 740.8 | 740.6 | 740.3 | 739.9 | 739.6 | 739.3 | 739.0 | 738.7 | 738.4 | 738.1 |
| 152.5° | 759.0 | 758.7 | 758.6 | 758.4 | 758.2 | 758.0 | 757.7 | 757.3 | 756.9 | 756.4 | 756.0 |
| 155° | 785.6 | 784.9 | 784.8 | 784.7 | 784.5 | 784.3 | 784.3 | 784.3 | 784.3 | 784.3 | 784.3 |
| 157.5° | 808.7 | 808.0 | 807.9 | 807.8 | 807.7 | 807.6 | 807.6 | 807.8 | 807.9 | 808.1 | 808.3 |
| 160° | 822.8 | 822.0 | 822.0 | 822.0 | 822.0 | 822.0 | 822.2 | 822.5 | 822.8 | 823.1 | 823.4 |
| 162.5° | 836.2 | 835.5 | 835.4 | 835.2 | 835.1 | 835.0 | 835.1 | 835.6 | 835.9 | 836.4 | 836.9 |
| 165° | 853.0 | 852.1 | 852.1 | 852.1 | 852.1 | 852.1 | 852.3 | 852.8 | 853.3 | 853.8 | 854.2 |
| 167.5° | 866.8 | 865.8 | 865.7 | 865.5 | 865.4 | 865.3 | 865.5 | 866.2 | 866.9 | 867.4 | 868.1 |
| 170° | 874.2 | 873.1 | 873.1 | 873.1 | 873.1 | 873.1 | 873.4 | 874.0 | 874.7 | 875.2 | 875.9 |
| 172.5° | 880.2 | 879.2 | 879.2 | 879.2 | 879.2 | 879.2 | 879.6 | 880.1 | 880.8 | 881.5 | 882.0 |
| 175° | 886.6 | 885.7 | 885.7 | 885.7 | 885.7 | 885.7 | 886.0 | 886.6 | 887.2 | 887.9 | 888.4 |
| 177.5° | 889.7 | 888.9 | 888.9 | 888.9 | 888.9 | 888.9 | 889.2 | 889.7 | 890.1 | 890.6 | 891.2 |
| 180° | 890.6 | 890.6 | 890.6 | 890.6 | 890.6 | 890.6 | 890.6 | 890.6 | 890.6 | 890.6 | 890.6 |



TEST NUMBER: P332127-830

CATALOG NUMBER: S123DIW-S560D755U830-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|
| 0° | 745.1 | 745.1 | 745.1 | 745.1 | 745.1 | 745.1 | 745.1 | 745.1 | 745.1 | 745.1 | 745.1 |
| 2.5° | 749.7 | 751.1 | 756.0 | 759.5 | 763.6 | 765.9 | 768.2 | 770.0 | 772.2 | 772.8 | 781.2 |
| 5° | 753.0 | 760.3 | 772.9 | 782.2 | 793.8 | 806.4 | 815.1 | 819.1 | 829.5 | 838.2 | 855.5 |
| 7.5° | 752.1 | 767.4 | 786.6 | 806.3 | 827.6 | 847.2 | 864.2 | 884.4 | 898.8 | 920.4 | 941.7 |
| 10° | 751.2 | 771.8 | 796.4 | 821.6 | 851.2 | 878.6 | 903.2 | 930.7 | 953.4 | 983.4 | 1009.0 |
| 12.5° | 748.7 | 773.5 | 807.6 | 837.4 | 873.5 | 911.3 | 947.6 | 982.9 | 1003.1 | 1052.9 | 1076.6 |
| 15° | 742.2 | 771.8 | 814.4 | 859.9 | 909.4 | 954.1 | 1000.3 | 1037.1 | 1096.6 | 1140.4 | 1168.2 |
| 17.5° | 729.9 | 771.4 | 821.9 | 876.8 | 936.9 | 995.9 | 1048.2 | 1104.1 | 1167.3 | 1220.1 | 1276.5 |
| 20° | 724.2 | 769.6 | 826.0 | 886.6 | 949.0 | 1015.8 | 1075.3 | 1142.6 | 1211.4 | 1263.5 | 1335.7 |
| 22.5° | 713.5 | 765.0 | 825.7 | 893.2 | 960.0 | 1029.1 | 1098.8 | 1166.5 | 1246.1 | 1317.8 | 1386.5 |
| 25° | 696.0 | 753.8 | 816.5 | 892.0 | 970.3 | 1039.6 | 1123.0 | 1213.0 | 1296.0 | 1388.0 | 1456.6 |
| 27.5° | 677.7 | 739.3 | 802.3 | 872.4 | 956.7 | 1039.0 | 1143.9 | 1245.4 | 1346.9 | 1426.4 | 1477.2 |
| 30° | 663.5 | 723.4 | 788.4 | 859.1 | 942.5 | 1040.4 | 1157.7 | 1268.5 | 1367.4 | 1435.7 | 1464.1 |
| 32.5° | 648.2 | 709.0 | 766.5 | 840.7 | 929.5 | 1039.5 | 1166.4 | 1282.0 | 1368.6 | 1414.0 | 1408.4 |
| 35° | 624.2 | 675.0 | 731.0 | 802.5 | 907.2 | 1033.1 | 1171.4 | 1283.3 | 1336.3 | 1326.6 | 1253.0 |
| 37.5° | 589.5 | 632.4 | 687.4 | 765.6 | 881.2 | 1019.8 | 1161.3 | 1245.3 | 1241.8 | 1162.4 | 1055.7 |
| 40° | 567.9 | 604.3 | 657.3 | 739.7 | 860.9 | 1011.2 | 1145.4 | 1200.0 | 1153.8 | 1042.9 | 915.1 |
| 42.5° | 539.5 | 573.1 | 626.1 | 710.8 | 838.8 | 993.5 | 1115.1 | 1130.9 | 1040.5 | 912.9 | 795.9 |
| 45° | 495.7 | 525.3 | 580.1 | 667.5 | 805.4 | 955.2 | 1041.1 | 1002.5 | 880.8 | 749.0 | 659.9 |
| 47.5° | 448.5 | 479.3 | 532.1 | 621.8 | 757.1 | 897.5 | 938.4 | 856.3 | 731.3 | 624.5 | 542.6 |
| 50° | 418.8 | 448.4 | 499.9 | 590.6 | 724.5 | 850.2 | 867.1 | 761.0 | 646.2 | 552.3 | 485.1 |
| 52.5° | 388.7 | 416.6 | 467.3 | 558.3 | 686.4 | 795.2 | 784.8 | 676.7 | 571.1 | 491.1 | 438.4 |
| 55° | 344.0 | 370.4 | 418.8 | 504.0 | 620.6 | 706.8 | 668.9 | 565.7 | 478.3 | 416.2 | 376.2 |
| 57.5° | 304.1 | 329.3 | 371.0 | 448.0 | 549.3 | 608.6 | 560.4 | 473.4 | 404.0 | 356.2 | 326.3 |
| 60° | 276.9 | 299.3 | 338.9 | 410.5 | 498.5 | 543.7 | 496.0 | 419.1 | 360.6 | 322.3 | 295.7 |
| 62.5° | 251.2 | 270.7 | 307.5 | 372.3 | 448.8 | 486.7 | 438.6 | 373.4 | 323.7 | 289.7 | 267.0 |
| 65° | 212.3 | 230.0 | 262.4 | 313.0 | 375.8 | 401.1 | 359.6 | 306.8 | 268.2 | 243.0 | 227.8 |
| 67.5° | 176.7 | 191.7 | 219.8 | 259.6 | 305.9 | 324.2 | 292.7 | 251.8 | 222.7 | 202.5 | 190.4 |
| 70° | 153.1 | 166.1 | 188.0 | 222.3 | 264.3 | 278.3 | 248.7 | 215.2 | 193.9 | 177.6 | 166.5 |
| 72.5° | 133.1 | 142.7 | 162.7 | 189.2 | 224.1 | 235.3 | 214.6 | 185.1 | 165.2 | 153.1 | 144.2 |
| 75° | 101.4 | 109.3 | 122.3 | 143.6 | 167.9 | 174.4 | 158.8 | 140.4 | 127.1 | 118.4 | 111.5 |
| 77.5° | 73.1 | 79.0 | 88.4 | 101.5 | 118.3 | 124.1 | 114.3 | 102.0 | 92.3 | 86.4 | 82.6 |
| 80° | 55.2 | 59.9 | 67.9 | 78.7 | 88.8 | 92.1 | 86.2 | 76.9 | 70.0 | 66.8 | 63.5 |
| 82.5° | 40.8 | 43.5 | 48.3 | 55.6 | 62.5 | 66.4 | 61.5 | 55.8 | 52.1 | 49.2 | 48.0 |
| 85° | 20.5 | 22.1 | 24.2 | 27.1 | 31.4 | 32.9 | 31.0 | 29.6 | 27.4 | 25.6 | 25.6 |
| 87.5° | 7.9 | 8.3 | 9.4 | 10.4 | 11.9 | 13.1 | 13.2 | 13.1 | 13.2 | 13.0 | 12.8 |
| 90° | 2.3 | 3.8 | 5.4 | 6.9 | 8.7 | 10.7 | 12.7 | 14.8 | 16.8 | 17.4 | 18.0 |
| 92.5° | 18.0 | 19.0 | 20.1 | 21.1 | 22.2 | 23.4 | 24.6 | 25.7 | 26.9 | 27.3 | 27.9 |
| 95° | 42.3 | 43.5 | 44.6 | 45.6 | 46.8 | 48.1 | 49.3 | 50.5 | 51.7 | 52.4 | 53.0 |
| 97.5° | 74.1 | 74.9 | 75.8 | 76.5 | 77.4 | 78.3 | 79.2 | 80.1 | 81.1 | 81.7 | 82.5 |
| 100° | 96.0 | 97.0 | 97.9 | 98.9 | 99.7 | 100.5 | 101.3 | 102.1 | 102.8 | 103.3 | 103.8 |
| 102.5° | 120.9 | 121.5 | 122.0 | 122.5 | 123.4 | 124.4 | 125.5 | 126.4 | 127.4 | 127.9 | 128.4 |
| 105° | 157.7 | 158.1 | 158.3 | 158.6 | 159.5 | 160.9 | 162.3 | 163.7 | 165.1 | 165.1 | 165.1 |
| 107.5° | 200.7 | 200.9 | 201.0 | 201.2 | 201.6 | 202.2 | 202.7 | 203.3 | 203.9 | 204.3 | 204.8 |
| 110° | 227.7 | 228.0 | 228.3 | 228.6 | 228.9 | 229.2 | 229.5 | 229.9 | 230.2 | 230.8 | 231.4 |



TEST NUMBER: P332127-830

CATALOG NUMBER: S123DIW-S560D755U830-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 255.5 | 255.7 | 255.9 | 256.1 | 256.2 | 256.3 | 256.4 | 256.4 | 256.5 | 257.2 | 258.0 |
| 115° | 297.7 | 298.2 | 298.7 | 299.2 | 299.3 | 299.0 | 298.7 | 298.3 | 298.0 | 298.2 | 298.3 |
| 117.5° | 339.9 | 340.2 | 340.5 | 340.8 | 340.8 | 340.4 | 340.0 | 339.6 | 339.1 | 339.1 | 339.1 |
| 120° | 366.8 | 367.8 | 368.7 | 369.7 | 369.7 | 368.9 | 368.2 | 367.4 | 366.6 | 366.5 | 366.3 |
| 122.5° | 394.0 | 394.6 | 395.4 | 396.1 | 396.2 | 395.8 | 395.4 | 395.0 | 394.5 | 394.2 | 393.8 |
| 125° | 435.6 | 436.1 | 436.6 | 437.1 | 437.1 | 436.8 | 436.5 | 436.1 | 435.8 | 435.3 | 434.6 |
| 127.5° | 474.8 | 475.8 | 476.7 | 477.8 | 478.1 | 477.8 | 477.4 | 477.0 | 476.7 | 475.8 | 474.9 |
| 130° | 500.8 | 502.0 | 503.2 | 504.4 | 504.9 | 504.4 | 504.0 | 503.5 | 503.0 | 502.4 | 501.8 |
| 132.5° | 526.5 | 527.7 | 529.0 | 530.3 | 530.7 | 530.4 | 530.0 | 529.6 | 529.3 | 528.6 | 527.8 |
| 135° | 565.5 | 566.5 | 567.4 | 568.3 | 568.7 | 568.5 | 568.4 | 568.3 | 568.1 | 567.4 | 566.8 |
| 137.5° | 601.7 | 602.5 | 603.3 | 604.1 | 604.6 | 605.0 | 605.5 | 605.9 | 606.2 | 605.6 | 604.9 |
| 140° | 626.9 | 627.7 | 628.5 | 629.2 | 629.7 | 629.9 | 630.0 | 630.2 | 630.4 | 630.2 | 630.0 |
| 142.5° | 649.9 | 650.6 | 651.4 | 652.1 | 652.7 | 653.0 | 653.3 | 653.6 | 653.8 | 653.7 | 653.6 |
| 145° | 685.2 | 685.5 | 685.8 | 686.2 | 686.5 | 687.0 | 687.5 | 688.0 | 688.4 | 688.2 | 688.1 |
| 147.5° | 716.8 | 717.4 | 717.9 | 718.5 | 719.0 | 719.4 | 719.8 | 720.3 | 720.8 | 720.8 | 720.8 |
| 150° | 738.4 | 738.7 | 739.0 | 739.3 | 739.6 | 739.9 | 740.3 | 740.6 | 740.8 | 740.8 | 740.8 |
| 152.5° | 756.4 | 756.9 | 757.3 | 757.7 | 758.0 | 758.2 | 758.4 | 758.6 | 758.7 | 759.0 | 759.3 |
| 155° | 784.3 | 784.3 | 784.3 | 784.3 | 784.3 | 784.5 | 784.7 | 784.8 | 784.9 | 785.6 | 786.2 |
| 157.5° | 808.1 | 807.9 | 807.8 | 807.6 | 807.6 | 807.7 | 807.8 | 807.9 | 808.0 | 808.7 | 809.4 |
| 160° | 823.1 | 822.8 | 822.5 | 822.2 | 822.0 | 822.0 | 822.0 | 822.0 | 822.0 | 822.8 | 823.6 |
| 162.5° | 836.4 | 835.9 | 835.6 | 835.1 | 835.0 | 835.1 | 835.2 | 835.4 | 835.5 | 836.2 | 837.0 |
| 165° | 853.8 | 853.3 | 852.8 | 852.3 | 852.1 | 852.1 | 852.1 | 852.1 | 852.1 | 853.0 | 853.9 |
| 167.5° | 867.4 | 866.9 | 866.2 | 865.5 | 865.3 | 865.4 | 865.5 | 865.7 | 865.8 | 866.8 | 867.7 |
| 170° | 875.2 | 874.7 | 874.0 | 873.4 | 873.1 | 873.1 | 873.1 | 873.1 | 873.1 | 874.2 | 875.2 |
| 172.5° | 881.5 | 880.8 | 880.1 | 879.6 | 879.2 | 879.2 | 879.2 | 879.2 | 879.2 | 880.2 | 881.2 |
| 175° | 887.9 | 887.2 | 886.6 | 886.0 | 885.7 | 885.7 | 885.7 | 885.7 | 885.7 | 886.6 | 887.6 |
| 177.5° | 890.6 | 890.1 | 889.7 | 889.2 | 888.9 | 888.9 | 888.9 | 888.9 | 888.9 | 889.7 | 890.4 |
| 180° | 890.6 | 890.6 | 890.6 | 890.6 | 890.6 | 890.6 | 890.6 | 890.6 | 890.6 | 890.6 | 890.6 |



TEST NUMBER: P332127-830

CATALOG NUMBER: S123DIW-S560D755U830-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 745.1 | 745.1 | 745.1 | 745.1 | 745.1 | 745.1 | 745.1 |
| 2.5° | 784.1 | 784.4 | 787.5 | 789.9 | 788.7 | 790.1 | 790.7 |
| 5° | 856.6 | 869.6 | 876.5 | 881.6 | 881.9 | 882.2 | 885.1 |
| 7.5° | 959.5 | 973.5 | 983.6 | 999.1 | 1003.7 | 1009.0 | 1007.5 |
| 10° | 1034.6 | 1055.2 | 1072.9 | 1082.2 | 1092.3 | 1107.1 | 1095.2 |
| 12.5° | 1104.8 | 1141.2 | 1168.2 | 1182.7 | 1192.3 | 1195.2 | 1189.4 |
| 15° | 1220.5 | 1268.2 | 1293.8 | 1293.1 | 1325.6 | 1339.6 | 1317.6 |
| 17.5° | 1326.6 | 1370.6 | 1405.8 | 1423.9 | 1451.0 | 1457.0 | 1454.2 |
| 20° | 1391.6 | 1439.6 | 1467.1 | 1498.1 | 1512.2 | 1524.8 | 1527.0 |
| 22.5° | 1447.7 | 1490.7 | 1520.2 | 1546.1 | 1557.8 | 1563.8 | 1567.4 |
| 25° | 1505.3 | 1539.3 | 1557.0 | 1565.9 | 1569.2 | 1568.5 | 1563.8 |
| 27.5° | 1501.4 | 1503.9 | 1484.5 | 1465.4 | 1448.2 | 1428.9 | 1422.3 |
| 30° | 1462.4 | 1432.0 | 1377.9 | 1347.2 | 1302.1 | 1266.3 | 1280.8 |
| 32.5° | 1359.8 | 1299.5 | 1238.7 | 1171.6 | 1116.1 | 1100.3 | 1084.4 |
| 35° | 1160.6 | 1054.4 | 992.4 | 920.2 | 891.3 | 862.4 | 842.5 |
| 37.5° | 939.0 | 856.9 | 783.2 | 735.9 | 707.0 | 688.8 | 678.9 |
| 40° | 811.9 | 737.8 | 677.2 | 638.9 | 616.9 | 596.3 | 593.4 |
| 42.5° | 710.5 | 641.7 | 596.1 | 565.6 | 544.4 | 535.7 | 529.3 |
| 45° | 581.9 | 533.9 | 503.2 | 481.5 | 467.5 | 462.0 | 454.9 |
| 47.5° | 492.6 | 458.6 | 435.5 | 420.8 | 410.2 | 406.1 | 405.6 |
| 50° | 442.6 | 414.4 | 397.5 | 385.9 | 377.6 | 376.2 | 370.4 |
| 52.5° | 405.0 | 380.6 | 367.4 | 357.3 | 351.3 | 347.2 | 345.5 |
| 55° | 351.6 | 335.4 | 323.5 | 317.6 | 313.0 | 309.0 | 309.0 |
| 57.5° | 307.6 | 294.1 | 286.2 | 281.3 | 279.8 | 277.0 | 275.2 |
| 60° | 280.5 | 268.9 | 262.8 | 258.4 | 255.6 | 255.9 | 252.7 |
| 62.5° | 253.9 | 246.4 | 240.5 | 236.2 | 232.8 | 232.8 | 233.1 |
| 65° | 216.2 | 210.5 | 206.1 | 204.7 | 202.6 | 200.0 | 200.7 |
| 67.5° | 183.2 | 177.9 | 174.5 | 172.0 | 171.3 | 169.8 | 172.0 |
| 70° | 159.6 | 155.6 | 153.1 | 150.9 | 150.1 | 150.5 | 152.3 |
| 72.5° | 137.9 | 135.1 | 133.5 | 132.4 | 130.8 | 130.9 | 132.1 |
| 75° | 108.3 | 106.1 | 104.7 | 103.6 | 103.2 | 103.2 | 103.2 |
| 77.5° | 79.6 | 79.1 | 78.4 | 76.8 | 76.9 | 77.3 | 77.4 |
| 80° | 62.8 | 61.7 | 61.4 | 60.6 | 59.6 | 58.8 | 60.6 |
| 82.5° | 46.9 | 45.8 | 45.5 | 45.3 | 43.6 | 43.5 | 45.1 |
| 85° | 25.3 | 24.2 | 24.5 | 24.2 | 24.2 | 23.8 | 23.8 |
| 87.5° | 12.7 | 12.5 | 12.3 | 12.6 | 12.4 | 12.3 | 12.8 |
| 90° | 18.7 | 19.3 | 19.7 | 20.1 | 20.4 | 20.6 | 21.0 |
| 92.5° | 28.4 | 28.8 | 29.0 | 28.8 | 28.7 | 28.5 | 28.3 |
| 95° | 53.6 | 54.3 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 |
| 97.5° | 83.1 | 83.9 | 84.2 | 84.2 | 84.1 | 84.0 | 84.0 |
| 100° | 104.2 | 104.7 | 105.1 | 105.4 | 105.8 | 106.0 | 106.3 |
| 102.5° | 128.8 | 129.3 | 129.5 | 129.5 | 129.4 | 129.3 | 129.3 |
| 105° | 165.1 | 165.1 | 165.2 | 165.6 | 165.9 | 166.2 | 166.5 |
| 107.5° | 205.4 | 205.9 | 206.0 | 205.9 | 205.7 | 205.5 | 205.3 |
| 110° | 232.1 | 232.6 | 232.8 | 232.5 | 232.1 | 231.9 | 231.6 |



TEST NUMBER: P332127-830

CATALOG NUMBER: S123DIW-S560D755U830-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 258.7 | 259.5 | 259.8 | 259.8 | 259.7 | 259.6 | 259.6 |
| 115° | 298.5 | 298.7 | 298.7 | 298.5 | 298.3 | 298.2 | 298.0 |
| 117.5° | 339.0 | 339.0 | 338.8 | 338.4 | 337.9 | 337.5 | 337.1 |
| 120° | 366.1 | 366.0 | 365.7 | 365.4 | 365.1 | 364.8 | 364.5 |
| 122.5° | 393.3 | 392.9 | 392.6 | 392.1 | 391.6 | 391.2 | 390.8 |
| 125° | 433.9 | 433.4 | 432.7 | 432.2 | 431.5 | 430.8 | 430.3 |
| 127.5° | 474.1 | 473.3 | 472.4 | 471.7 | 471.0 | 470.3 | 469.6 |
| 130° | 501.1 | 500.5 | 499.6 | 498.6 | 497.5 | 496.4 | 495.3 |
| 132.5° | 527.1 | 526.3 | 525.6 | 524.7 | 523.9 | 523.0 | 522.2 |
| 135° | 566.2 | 565.6 | 565.1 | 564.8 | 564.5 | 564.2 | 563.8 |
| 137.5° | 604.3 | 603.7 | 603.0 | 602.5 | 601.8 | 601.2 | 600.7 |
| 140° | 629.9 | 629.7 | 629.1 | 628.0 | 626.9 | 625.8 | 624.7 |
| 142.5° | 653.4 | 653.2 | 652.7 | 651.9 | 651.0 | 650.2 | 649.3 |
| 145° | 688.0 | 687.8 | 687.4 | 686.7 | 686.2 | 685.5 | 684.9 |
| 147.5° | 720.8 | 720.8 | 720.3 | 719.3 | 718.4 | 717.5 | 716.5 |
| 150° | 740.8 | 740.8 | 740.4 | 739.4 | 738.6 | 737.6 | 736.7 |
| 152.5° | 759.5 | 759.8 | 759.5 | 758.7 | 757.9 | 757.1 | 756.3 |
| 155° | 786.8 | 787.4 | 787.2 | 786.1 | 785.0 | 783.9 | 782.9 |
| 157.5° | 810.0 | 810.7 | 810.5 | 809.6 | 808.8 | 807.9 | 807.0 |
| 160° | 824.3 | 825.1 | 825.2 | 824.6 | 824.0 | 823.3 | 822.7 |
| 162.5° | 837.8 | 838.6 | 838.5 | 837.4 | 836.5 | 835.5 | 834.4 |
| 165° | 854.9 | 855.8 | 855.7 | 854.7 | 853.6 | 852.5 | 851.4 |
| 167.5° | 868.7 | 869.7 | 869.7 | 868.7 | 867.7 | 866.8 | 865.8 |
| 170° | 876.4 | 877.4 | 877.4 | 876.4 | 875.2 | 874.2 | 873.1 |
| 172.5° | 882.1 | 883.1 | 883.1 | 881.9 | 880.9 | 879.8 | 878.7 |
| 175° | 888.4 | 889.4 | 889.4 | 888.3 | 887.1 | 886.1 | 885.0 |
| 177.5° | 891.2 | 891.9 | 891.8 | 891.0 | 890.0 | 889.2 | 888.3 |
| 180° | 890.6 | 890.6 | 890.6 | 890.6 | 890.6 | 890.6 | 890.6 |

(END OF REPORT)