

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: P331658-830

Luminaire Tested: **SA2XXRDIP-C485D725U830-4F0-1E-UDD-A1**

Issue Date: 10/7/2019

Test Information

Test Method: LM-79-08
Report Number: P331658-830
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-8,
Test Lab: INNOVATION CENTER
Issue Date: 10/7/2019
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: NEO-RAY
Catalog Number: SA2XXRDIP-C485D725U830-4F0-1E-UDD-A1
Description: DEFINE 2 DIRECT-INDIRECT PENDANT LED LUMINAIRE
DOWNLIGHT 485 LUMENS PER FOOT, ASYMMETRIC DIFFUSER, REGRESSED HOUSING
UPLIGHT 725 LUMENS PER FOOT, FLUSH SATIN WHITE DIFFUSER
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

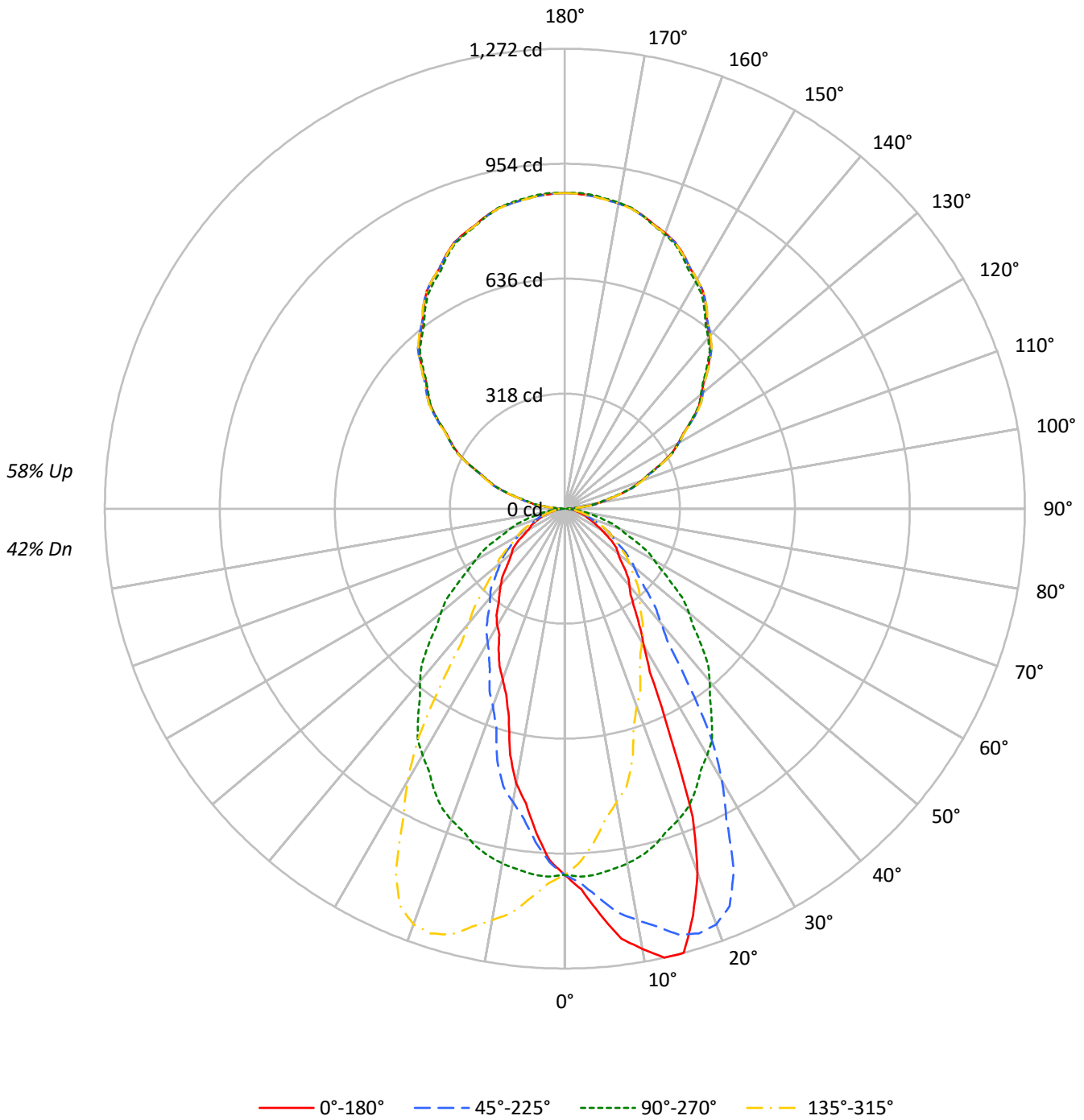
Lumens per Lamp: N/A
Luminaire Lumens: 4195.3 lumens
Efficiency: N/A
Efficacy: 109.3 lumens/watt
Spacing Criteria (0/90/45): 0.86 / 1.16 / 1.02
Luminous Opening: Rectangular (W 4' x L: 0.17' x H: 0')
CIE Type: General Diffuse

Input Watts (W): 38.4
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: P331658-830
CATALOG NUMBER: SA2XXRDIP-C485D725U830-4F0-1E-UDD-A1

Luminous Intensity Polar Plot





TEST NUMBER: P331658-830

CATALOG NUMBER: SA2XXRDIP-C485D725U830-4F0-1E-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 | 105 | 105 | 105 | 105 | 96 | 96 | 96 | 96 | 79 | 79 | 79 | 63 | 63 | 63 | 49 | 49 | 49 | 42 |
| 1 | 97 | 93 | 89 | 86 | 88 | 85 | 82 | 79 | 70 | 68 | 66 | 56 | 55 | 54 | 44 | 43 | 42 | 36 |
| 2 | 88 | 82 | 76 | 71 | 81 | 75 | 70 | 66 | 62 | 59 | 56 | 50 | 48 | 46 | 39 | 38 | 37 | 32 |
| 3 | 81 | 72 | 65 | 60 | 74 | 66 | 61 | 56 | 55 | 51 | 48 | 45 | 42 | 40 | 36 | 34 | 32 | 28 |
| 4 | 75 | 64 | 57 | 51 | 68 | 59 | 53 | 48 | 50 | 45 | 41 | 41 | 37 | 35 | 32 | 30 | 28 | 24 |
| 5 | 69 | 58 | 50 | 45 | 63 | 53 | 47 | 42 | 45 | 40 | 36 | 37 | 33 | 30 | 30 | 27 | 25 | 22 |
| 6 | 64 | 52 | 44 | 39 | 58 | 48 | 41 | 37 | 41 | 36 | 32 | 34 | 30 | 27 | 27 | 24 | 22 | 20 |
| 7 | 59 | 47 | 40 | 34 | 54 | 44 | 37 | 32 | 37 | 32 | 28 | 31 | 27 | 24 | 25 | 22 | 20 | 18 |
| 8 | 55 | 43 | 36 | 31 | 50 | 40 | 33 | 29 | 34 | 29 | 25 | 28 | 25 | 22 | 23 | 20 | 18 | 16 |
| 9 | 51 | 39 | 32 | 28 | 47 | 37 | 30 | 26 | 31 | 26 | 23 | 26 | 23 | 20 | 22 | 19 | 17 | 15 |
| 10 | 48 | 36 | 29 | 25 | 44 | 34 | 28 | 24 | 29 | 24 | 21 | 24 | 21 | 18 | 20 | 17 | 16 | 14 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|-------|-------|-------|-------|
| 0° | 16356 | 16356 | 16356 | 16356 |
| 5° | 18266 | 16459 | 14593 | 16459 |
| 10° | 20266 | 16342 | 12650 | 16342 |
| 15° | 21264 | 16104 | 9967 | 16104 |
| 20° | 18433 | 15747 | 8624 | 15747 |
| 25° | 12089 | 15262 | 7701 | 15262 |
| 30° | 8138 | 14673 | 6969 | 14673 |
| 35° | 6591 | 13931 | 6286 | 13931 |
| 40° | 5861 | 13122 | 5817 | 13122 |
| 45° | 5304 | 12177 | 5190 | 12177 |
| 50° | 4828 | 11235 | 4808 | 11235 |
| 55° | 4538 | 10196 | 4479 | 10196 |
| 60° | 3794 | 9242 | 3749 | 9242 |
| 65° | 3202 | 8390 | 3629 | 8390 |
| 70° | 2960 | 7492 | 3423 | 7492 |
| 75° | 2770 | 6519 | 3163 | 6519 |
| 80° | 2548 | 5365 | 2817 | 5365 |
| 85° | 2334 | 4242 | 2482 | 4242 |



TEST NUMBER: P331658-830

CATALOG NUMBER: SA2XXRDIP-C485D725U830-4F0-1E-UDD-A1

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 96.0 | 2.3 |
| 10°-20° | 267.6 | 6.4 |
| 20°-30° | 344.8 | 8.2 |
| 30°-40° | 327.7 | 7.8 |
| 40°-50° | 280.7 | 6.7 |
| 50°-60° | 213.8 | 5.1 |
| 60°-70° | 135.1 | 3.2 |
| 70°-80° | 67.5 | 1.6 |
| 80°-90° | 21.0 | 0.5 |
| 90°-100° | 55.3 | 1.3 |
| 100°-110° | 171.8 | 4.1 |
| 110°-120° | 293.7 | 7.0 |
| 120°-130° | 386.2 | 9.2 |
| 130°-140° | 433.5 | 10.3 |
| 140°-150° | 425.0 | 10.1 |
| 150°-160° | 356.5 | 8.5 |
| 160°-170° | 236.5 | 5.6 |
| 170°-180° | 82.6 | 2.0 |
| 0°-30° | 708.4 | 16.9 |
| 0°-40° | 1036.1 | 24.7 |
| 0°-60° | 1530.5 | 36.5 |
| 0°-90° | 1754.2 | 41.8 |
| 90°-120° | 520.8 | 12.4 |
| 90°-150° | 1765.5 | 42.1 |
| 90°-180° | 2441.0 | 58.2 |
| 0°-180° | 4195.3 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0° | 1013 | 1013 | 1013 | 1013 | 1013 | |
| 5° | 1127 | 1016 | 900 | 1016 | 1127 | 111 |
| 15° | 1272 | 963 | 596 | 963 | 1272 | 343 |
| 25° | 679 | 857 | 432 | 857 | 679 | 322 |
| 35° | 334 | 707 | 319 | 707 | 334 | 214 |
| 45° | 232 | 533 | 227 | 533 | 232 | 180 |
| 55° | 161 | 362 | 159 | 362 | 161 | 141 |
| 65° | 84 | 220 | 95 | 220 | 84 | 85 |
| 75° | 44 | 104 | 51 | 104 | 44 | 47 |
| 85° | 13 | 23 | 13 | 23 | 13 | 14 |
| 90° | 25 | 1 | 25 | 1 | 25 | 11 |
| 95° | 46 | 38 | 46 | 38 | 46 | 51 |
| 105° | 164 | 158 | 164 | 158 | 164 | 172 |
| 115° | 295 | 295 | 295 | 295 | 295 | 291 |
| 125° | 430 | 429 | 430 | 429 | 430 | 384 |
| 135° | 561 | 555 | 561 | 555 | 561 | 432 |
| 145° | 681 | 673 | 681 | 673 | 681 | 425 |
| 155° | 776 | 770 | 776 | 770 | 776 | 357 |
| 165° | 838 | 838 | 838 | 838 | 838 | 236 |
| 175° | 869 | 872 | 869 | 872 | 869 | 83 |
| 180° | 873 | 873 | 873 | 873 | 873 | |



TEST NUMBER: P331658-830

CATALOG NUMBER: SA2XXRDIP-C485D725U830-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1013.0 | 1013.0 | 1013.0 | 1013.0 | 1013.0 | 1013.0 | 1013.0 | 1013.0 | 1013.0 | 1013.0 | 1013.0 |
| 2.5° | 1054.1 | 1055.0 | 1055.8 | 1053.9 | 1053.9 | 1052.2 | 1048.5 | 1045.7 | 1037.7 | 1036.6 | 1036.6 |
| 5° | 1127.0 | 1126.3 | 1127.8 | 1123.1 | 1116.8 | 1115.4 | 1108.7 | 1099.9 | 1090.8 | 1080.5 | 1078.5 |
| 7.5° | 1199.6 | 1198.5 | 1195.7 | 1194.9 | 1190.1 | 1179.4 | 1168.7 | 1157.2 | 1142.0 | 1127.1 | 1119.6 |
| 10° | 1236.1 | 1247.7 | 1240.8 | 1228.4 | 1230.9 | 1214.4 | 1205.5 | 1190.4 | 1177.7 | 1155.6 | 1150.7 |
| 12.5° | 1272.1 | 1276.8 | 1274.5 | 1267.5 | 1264.4 | 1252.9 | 1241.0 | 1227.9 | 1204.5 | 1184.6 | 1167.2 |
| 15° | 1272.1 | 1278.7 | 1280.5 | 1278.4 | 1280.2 | 1279.4 | 1273.1 | 1262.2 | 1241.8 | 1219.9 | 1201.0 |
| 17.5° | 1178.2 | 1182.8 | 1194.3 | 1202.1 | 1212.0 | 1232.8 | 1243.1 | 1247.2 | 1244.1 | 1231.6 | 1218.2 |
| 20° | 1072.8 | 1065.1 | 1097.5 | 1114.0 | 1128.1 | 1163.3 | 1193.5 | 1205.1 | 1223.8 | 1223.5 | 1219.9 |
| 22.5° | 923.6 | 925.4 | 956.1 | 975.7 | 1016.9 | 1052.1 | 1086.6 | 1130.3 | 1166.4 | 1190.2 | 1204.2 |
| 25° | 678.6 | 692.0 | 722.6 | 749.3 | 795.1 | 860.6 | 920.1 | 989.1 | 1054.1 | 1105.6 | 1154.5 |
| 27.5° | 509.6 | 510.7 | 534.9 | 559.7 | 586.8 | 640.5 | 715.4 | 797.8 | 890.6 | 967.1 | 1055.3 |
| 30° | 436.5 | 434.3 | 444.6 | 459.7 | 483.0 | 524.4 | 580.8 | 661.8 | 754.3 | 869.8 | 972.5 |
| 32.5° | 384.7 | 384.7 | 392.5 | 403.7 | 422.9 | 450.9 | 489.6 | 555.3 | 642.8 | 756.3 | 876.8 |
| 35° | 334.4 | 334.0 | 339.7 | 347.8 | 355.8 | 373.8 | 400.2 | 434.7 | 494.9 | 600.9 | 724.1 |
| 37.5° | 298.3 | 299.9 | 302.7 | 307.7 | 316.6 | 326.6 | 342.5 | 365.6 | 408.5 | 471.2 | 574.7 |
| 40° | 278.1 | 278.8 | 282.7 | 286.9 | 292.2 | 299.9 | 312.9 | 331.6 | 362.9 | 412.8 | 488.5 |
| 42.5° | 259.5 | 260.1 | 263.0 | 266.8 | 271.0 | 278.8 | 289.5 | 305.7 | 331.1 | 370.0 | 432.5 |
| 45° | 232.3 | 232.3 | 234.8 | 236.5 | 241.1 | 248.2 | 256.9 | 270.3 | 287.9 | 316.8 | 358.4 |
| 47.5° | 206.8 | 206.9 | 208.5 | 211.5 | 214.4 | 219.9 | 228.6 | 239.5 | 252.3 | 274.7 | 310.1 |
| 50° | 192.2 | 192.6 | 193.6 | 196.0 | 197.8 | 202.7 | 209.4 | 219.0 | 232.3 | 249.6 | 279.1 |
| 52.5° | 180.3 | 180.1 | 181.4 | 182.6 | 183.7 | 187.3 | 192.3 | 200.7 | 212.6 | 227.6 | 252.1 |
| 55° | 161.2 | 159.8 | 161.9 | 163.6 | 164.8 | 166.2 | 168.9 | 174.3 | 184.5 | 197.1 | 215.4 |
| 57.5° | 137.2 | 136.7 | 138.2 | 139.8 | 143.1 | 146.9 | 149.3 | 152.7 | 158.0 | 167.0 | 185.2 |
| 60° | 117.5 | 117.5 | 120.7 | 121.8 | 125.6 | 130.5 | 135.5 | 138.4 | 143.6 | 149.6 | 163.0 |
| 62.5° | 100.1 | 100.4 | 101.9 | 102.9 | 105.1 | 111.1 | 118.1 | 124.2 | 129.2 | 135.0 | 143.8 |
| 65° | 83.8 | 84.5 | 84.5 | 85.2 | 86.6 | 88.0 | 90.8 | 95.8 | 104.5 | 112.6 | 119.3 |
| 67.5° | 71.1 | 71.4 | 71.5 | 72.2 | 72.6 | 74.1 | 75.2 | 77.5 | 79.5 | 87.2 | 95.5 |
| 70° | 62.7 | 63.7 | 63.3 | 64.1 | 64.4 | 65.1 | 66.5 | 67.6 | 70.8 | 72.5 | 77.5 |
| 72.5° | 54.8 | 55.5 | 55.5 | 55.9 | 56.8 | 56.9 | 58.1 | 59.1 | 61.2 | 62.7 | 65.3 |
| 75° | 44.4 | 44.0 | 44.4 | 45.1 | 45.4 | 45.7 | 45.7 | 47.1 | 48.3 | 49.7 | 51.4 |
| 77.5° | 34.2 | 34.6 | 34.5 | 34.6 | 34.6 | 35.3 | 35.2 | 35.8 | 36.9 | 37.6 | 38.5 |
| 80° | 27.4 | 27.8 | 27.4 | 27.8 | 28.2 | 28.5 | 28.2 | 28.5 | 29.6 | 30.3 | 30.3 |
| 82.5° | 21.3 | 21.3 | 21.6 | 21.6 | 21.7 | 21.8 | 22.2 | 22.3 | 23.1 | 22.9 | 23.2 |
| 85° | 12.6 | 12.3 | 12.3 | 12.3 | 12.6 | 13.0 | 12.6 | 12.6 | 13.0 | 13.0 | 13.0 |
| 87.5° | 9.5 | 9.8 | 9.7 | 9.7 | 9.7 | 9.7 | 9.7 | 10.1 | 9.9 | 10.2 | 9.2 |
| 90° | 25.1 | 24.9 | 24.7 | 24.6 | 24.4 | 24.5 | 24.8 | 25.2 | 25.4 | 25.8 | 22.1 |
| 92.5° | 23.8 | 23.8 | 23.8 | 23.8 | 23.8 | 23.7 | 23.7 | 23.6 | 23.5 | 23.5 | 22.6 |
| 95° | 45.7 | 46.0 | 46.4 | 46.7 | 47.0 | 47.1 | 47.1 | 47.1 | 47.1 | 47.1 | 46.8 |
| 97.5° | 79.1 | 79.2 | 79.2 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 78.6 |
| 100° | 100.9 | 101.1 | 101.2 | 101.4 | 101.6 | 101.7 | 101.7 | 101.7 | 101.7 | 101.7 | 101.1 |
| 102.5° | 125.6 | 125.8 | 126.0 | 126.2 | 126.3 | 126.4 | 126.2 | 126.1 | 125.9 | 125.8 | 125.2 |
| 105° | 163.5 | 163.5 | 163.5 | 163.5 | 163.5 | 163.4 | 163.1 | 162.8 | 162.4 | 162.1 | 161.7 |
| 107.5° | 199.3 | 200.0 | 200.8 | 201.5 | 202.3 | 202.6 | 202.4 | 202.3 | 202.2 | 202.0 | 202.0 |
| 110° | 226.9 | 227.4 | 227.9 | 228.4 | 228.8 | 229.1 | 229.1 | 229.1 | 229.1 | 229.1 | 229.1 |



TEST NUMBER: P331658-830

CATALOG NUMBER: SA2XXRDIP-C485D725U830-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 253.4 | 253.8 | 254.1 | 254.5 | 254.9 | 255.2 | 255.6 | 256.0 | 256.5 | 256.8 | 256.9 |
| 115° | 294.7 | 295.2 | 295.7 | 296.1 | 296.6 | 297.0 | 297.2 | 297.3 | 297.5 | 297.7 | 297.9 |
| 117.5° | 334.0 | 334.5 | 335.0 | 335.5 | 336.0 | 336.4 | 336.9 | 337.2 | 337.6 | 338.0 | 338.9 |
| 120° | 361.7 | 362.2 | 362.7 | 363.2 | 363.7 | 363.9 | 363.9 | 363.9 | 363.9 | 363.9 | 365.2 |
| 122.5° | 388.9 | 389.2 | 389.6 | 389.9 | 390.3 | 390.7 | 391.1 | 391.4 | 391.8 | 392.2 | 393.1 |
| 125° | 430.3 | 430.5 | 430.6 | 430.7 | 430.9 | 431.2 | 431.7 | 432.3 | 432.7 | 433.2 | 433.7 |
| 127.5° | 468.0 | 468.5 | 469.0 | 469.6 | 470.0 | 470.6 | 471.2 | 471.8 | 472.4 | 473.0 | 473.5 |
| 130° | 495.1 | 495.8 | 496.4 | 497.0 | 497.7 | 498.2 | 498.5 | 498.9 | 499.2 | 499.5 | 499.8 |
| 132.5° | 521.0 | 521.5 | 522.1 | 522.5 | 523.1 | 523.8 | 524.4 | 525.2 | 525.9 | 526.6 | 526.5 |
| 135° | 561.4 | 561.8 | 562.4 | 562.9 | 563.4 | 563.6 | 563.8 | 564.0 | 564.2 | 564.3 | 564.0 |
| 137.5° | 597.9 | 598.6 | 599.3 | 599.9 | 600.6 | 601.0 | 601.1 | 601.2 | 601.3 | 601.4 | 601.1 |
| 140° | 623.3 | 624.0 | 624.6 | 625.3 | 625.8 | 626.2 | 626.2 | 626.2 | 626.2 | 626.2 | 625.4 |
| 142.5° | 646.3 | 647.0 | 647.5 | 648.2 | 648.8 | 649.1 | 649.0 | 648.8 | 648.8 | 648.7 | 648.1 |
| 145° | 680.7 | 681.4 | 682.0 | 682.7 | 683.3 | 683.6 | 683.4 | 683.2 | 683.2 | 683.0 | 681.9 |
| 147.5° | 711.5 | 712.2 | 712.8 | 713.4 | 714.1 | 714.2 | 713.8 | 713.4 | 713.0 | 712.8 | 712.1 |
| 150° | 731.6 | 732.1 | 732.5 | 733.0 | 733.6 | 733.6 | 733.0 | 732.5 | 732.1 | 731.6 | 730.9 |
| 152.5° | 750.5 | 751.0 | 751.7 | 752.3 | 752.9 | 752.9 | 752.3 | 751.7 | 751.0 | 750.5 | 749.6 |
| 155° | 775.8 | 776.3 | 776.7 | 777.2 | 777.8 | 777.6 | 776.7 | 775.9 | 775.1 | 774.3 | 773.8 |
| 157.5° | 797.6 | 798.3 | 799.2 | 799.9 | 800.7 | 800.6 | 799.5 | 798.3 | 797.2 | 796.1 | 795.8 |
| 160° | 811.2 | 811.8 | 812.5 | 813.1 | 813.8 | 813.6 | 812.7 | 811.6 | 810.7 | 809.6 | 809.5 |
| 162.5° | 822.9 | 823.7 | 824.5 | 825.3 | 826.0 | 826.0 | 824.8 | 823.7 | 822.6 | 821.4 | 821.3 |
| 165° | 838.4 | 839.2 | 840.0 | 840.8 | 841.7 | 841.5 | 840.4 | 839.2 | 838.1 | 836.9 | 836.9 |
| 167.5° | 851.1 | 852.0 | 852.8 | 853.7 | 854.5 | 854.3 | 853.2 | 852.1 | 850.9 | 849.7 | 849.8 |
| 170° | 857.5 | 858.6 | 859.5 | 860.5 | 861.5 | 861.4 | 860.3 | 859.1 | 858.0 | 856.8 | 857.0 |
| 172.5° | 862.9 | 863.8 | 864.8 | 865.8 | 866.8 | 866.7 | 865.5 | 864.4 | 863.3 | 862.1 | 862.3 |
| 175° | 868.6 | 869.6 | 870.5 | 871.6 | 872.5 | 872.4 | 871.3 | 870.2 | 869.0 | 867.9 | 868.2 |
| 177.5° | 871.3 | 872.0 | 872.8 | 873.6 | 874.4 | 874.4 | 873.6 | 872.8 | 872.0 | 871.3 | 871.5 |
| 180° | 873.0 | 873.0 | 873.0 | 873.0 | 873.0 | 873.0 | 873.0 | 873.0 | 873.0 | 873.0 | 873.0 |



TEST NUMBER: P331658-830

CATALOG NUMBER: SA2XXRDIP-C485D725U830-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1013.0 | 1013.0 | 1013.0 | 1013.0 | 1013.0 | 1013.0 | 1013.0 | 1013.0 | 1013.0 | 1013.0 | 1013.0 |
| 2.5° | 1037.2 | 1035.0 | 1033.0 | 1027.9 | 1025.4 | 1019.7 | 1018.9 | 1018.6 | 1011.3 | 1004.3 | 1002.3 |
| 5° | 1072.8 | 1067.2 | 1058.8 | 1048.9 | 1038.7 | 1028.1 | 1021.1 | 1015.5 | 1001.4 | 988.0 | 980.2 |
| 7.5° | 1108.7 | 1096.6 | 1082.0 | 1063.4 | 1047.8 | 1030.4 | 1017.5 | 1005.8 | 985.8 | 966.7 | 953.8 |
| 10° | 1135.5 | 1115.8 | 1096.5 | 1070.7 | 1050.7 | 1031.0 | 1012.7 | 996.8 | 974.3 | 949.0 | 930.9 |
| 12.5° | 1152.1 | 1130.4 | 1103.7 | 1078.6 | 1052.6 | 1027.6 | 1003.1 | 982.7 | 956.3 | 930.1 | 908.7 |
| 15° | 1174.6 | 1151.3 | 1119.0 | 1083.1 | 1049.6 | 1016.9 | 988.7 | 963.4 | 928.9 | 897.6 | 871.5 |
| 17.5° | 1193.0 | 1160.9 | 1126.1 | 1084.7 | 1045.9 | 1004.4 | 968.1 | 935.7 | 897.3 | 859.5 | 828.9 |
| 20° | 1198.8 | 1167.2 | 1127.0 | 1085.5 | 1039.7 | 990.8 | 951.8 | 916.5 | 875.3 | 834.2 | 799.0 |
| 22.5° | 1195.1 | 1170.5 | 1125.9 | 1076.2 | 1029.4 | 978.2 | 934.1 | 893.2 | 847.5 | 805.5 | 764.7 |
| 25° | 1170.4 | 1161.9 | 1119.6 | 1065.5 | 1011.9 | 952.4 | 901.4 | 856.7 | 804.6 | 759.6 | 715.2 |
| 27.5° | 1112.4 | 1130.7 | 1104.5 | 1046.7 | 987.2 | 923.4 | 866.1 | 815.2 | 761.1 | 710.4 | 666.2 |
| 30° | 1056.7 | 1098.5 | 1087.2 | 1033.8 | 967.2 | 904.6 | 840.2 | 787.0 | 729.3 | 677.2 | 633.6 |
| 32.5° | 980.3 | 1049.5 | 1060.5 | 1015.8 | 947.0 | 878.1 | 810.6 | 757.7 | 697.5 | 642.5 | 600.0 |
| 35° | 858.8 | 962.3 | 1009.8 | 981.3 | 912.3 | 838.1 | 768.4 | 706.8 | 646.2 | 592.0 | 549.8 |
| 37.5° | 713.9 | 854.8 | 934.1 | 936.0 | 872.7 | 795.5 | 719.6 | 658.5 | 596.4 | 543.3 | 497.6 |
| 40° | 619.8 | 772.6 | 875.7 | 898.6 | 845.1 | 761.7 | 684.9 | 622.6 | 562.1 | 510.0 | 457.6 |
| 42.5° | 535.4 | 687.6 | 814.4 | 854.1 | 811.6 | 728.8 | 651.8 | 586.6 | 527.7 | 478.4 | 424.9 |
| 45° | 432.9 | 566.0 | 705.7 | 776.8 | 753.3 | 676.5 | 595.2 | 533.3 | 478.0 | 435.4 | 384.0 |
| 47.5° | 365.2 | 459.0 | 594.2 | 690.4 | 689.9 | 619.9 | 540.0 | 480.6 | 429.3 | 389.5 | 347.8 |
| 50° | 326.6 | 408.3 | 522.7 | 631.8 | 640.9 | 582.2 | 506.1 | 447.3 | 399.5 | 357.6 | 324.1 |
| 52.5° | 292.0 | 359.3 | 462.1 | 566.8 | 592.8 | 541.9 | 468.2 | 413.9 | 367.4 | 328.9 | 300.2 |
| 55° | 246.8 | 298.8 | 377.0 | 474.9 | 514.3 | 478.3 | 412.8 | 362.2 | 324.5 | 292.2 | 267.5 |
| 57.5° | 208.7 | 247.8 | 310.5 | 389.3 | 435.2 | 412.6 | 358.6 | 317.4 | 285.2 | 255.9 | 236.5 |
| 60° | 184.8 | 216.8 | 269.9 | 335.8 | 386.4 | 370.6 | 324.5 | 286.2 | 258.7 | 233.4 | 215.1 |
| 62.5° | 162.3 | 189.8 | 235.4 | 288.8 | 335.3 | 328.7 | 291.1 | 258.8 | 234.8 | 211.7 | 196.2 |
| 65° | 130.5 | 150.6 | 186.2 | 228.1 | 265.4 | 268.5 | 241.5 | 219.6 | 198.1 | 179.8 | 166.2 |
| 67.5° | 104.0 | 117.1 | 142.1 | 177.4 | 205.4 | 215.4 | 198.8 | 182.1 | 165.0 | 150.9 | 139.0 |
| 70° | 87.7 | 98.2 | 116.5 | 145.1 | 170.7 | 181.3 | 171.7 | 158.7 | 143.9 | 132.3 | 122.2 |
| 72.5° | 71.1 | 81.3 | 94.8 | 115.7 | 137.8 | 149.2 | 145.9 | 136.5 | 124.5 | 114.9 | 105.3 |
| 75° | 53.5 | 56.6 | 65.8 | 79.9 | 97.2 | 107.0 | 109.4 | 104.5 | 95.0 | 87.7 | 82.0 |
| 77.5° | 39.6 | 41.5 | 45.8 | 53.3 | 64.5 | 73.2 | 76.9 | 76.3 | 69.7 | 65.5 | 60.2 |
| 80° | 31.7 | 32.7 | 34.9 | 38.0 | 46.5 | 55.2 | 57.7 | 57.7 | 53.2 | 51.4 | 46.1 |
| 82.5° | 24.0 | 24.9 | 26.1 | 27.9 | 31.9 | 39.5 | 42.2 | 42.8 | 39.9 | 37.6 | 33.5 |
| 85° | 13.8 | 13.4 | 14.0 | 15.2 | 15.8 | 17.9 | 22.1 | 22.9 | 22.1 | 19.3 | 18.3 |
| 87.5° | 8.5 | 8.1 | 7.4 | 6.5 | 6.4 | 6.3 | 7.3 | 8.3 | 7.5 | 7.2 | 7.0 |
| 90° | 18.6 | 15.0 | 11.4 | 8.6 | 6.6 | 4.7 | 2.7 | 0.8 | 2.7 | 4.7 | 6.6 |
| 92.5° | 21.7 | 20.8 | 20.0 | 18.9 | 17.4 | 16.0 | 14.5 | 13.1 | 14.5 | 16.0 | 17.4 |
| 95° | 46.5 | 46.2 | 45.8 | 44.9 | 43.3 | 41.6 | 40.0 | 38.3 | 40.0 | 41.6 | 43.3 |
| 97.5° | 78.0 | 77.4 | 76.8 | 75.8 | 74.3 | 72.9 | 71.4 | 70.0 | 71.4 | 72.9 | 74.3 |
| 100° | 100.7 | 100.2 | 99.7 | 98.8 | 97.5 | 96.1 | 94.9 | 93.6 | 94.9 | 96.1 | 97.5 |
| 102.5° | 124.6 | 123.9 | 123.4 | 122.5 | 121.5 | 120.5 | 119.3 | 118.3 | 119.3 | 120.5 | 121.5 |
| 105° | 161.5 | 161.1 | 160.8 | 160.3 | 159.9 | 159.4 | 158.9 | 158.4 | 158.9 | 159.4 | 159.9 |
| 107.5° | 202.0 | 202.0 | 202.0 | 201.6 | 201.0 | 200.2 | 199.5 | 198.8 | 199.5 | 200.2 | 201.0 |
| 110° | 229.1 | 229.1 | 229.1 | 228.7 | 227.6 | 226.7 | 225.6 | 224.7 | 225.6 | 226.7 | 227.6 |



TEST NUMBER: P331658-830

CATALOG NUMBER: SA2XXRDIP-C485D725U830-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 257.1 | 257.2 | 257.3 | 256.9 | 255.9 | 255.0 | 254.0 | 253.0 | 254.0 | 255.0 | 255.9 |
| 115° | 298.3 | 298.6 | 299.0 | 298.6 | 297.7 | 296.6 | 295.7 | 294.7 | 295.7 | 296.6 | 297.7 |
| 117.5° | 339.9 | 340.7 | 341.7 | 341.5 | 340.2 | 338.8 | 337.5 | 336.2 | 337.5 | 338.8 | 340.2 |
| 120° | 366.6 | 367.9 | 369.2 | 369.2 | 367.9 | 366.6 | 365.2 | 363.9 | 365.2 | 366.6 | 367.9 |
| 122.5° | 394.1 | 395.0 | 395.9 | 395.6 | 394.0 | 392.5 | 390.9 | 389.3 | 390.9 | 392.5 | 394.0 |
| 125° | 434.1 | 434.7 | 435.2 | 434.7 | 433.2 | 431.7 | 430.3 | 428.8 | 430.3 | 431.7 | 433.2 |
| 127.5° | 474.2 | 474.8 | 475.3 | 474.7 | 472.9 | 471.0 | 469.1 | 467.2 | 469.1 | 471.0 | 472.9 |
| 130° | 500.1 | 500.5 | 500.8 | 499.9 | 497.8 | 495.7 | 493.5 | 491.4 | 493.5 | 495.7 | 497.8 |
| 132.5° | 526.5 | 526.4 | 526.3 | 525.5 | 523.7 | 522.0 | 520.3 | 518.5 | 520.3 | 522.0 | 523.7 |
| 135° | 563.6 | 563.4 | 563.0 | 561.9 | 560.2 | 558.4 | 556.6 | 554.8 | 556.6 | 558.4 | 560.2 |
| 137.5° | 600.6 | 600.2 | 599.7 | 598.8 | 597.4 | 595.9 | 594.4 | 593.0 | 594.4 | 595.9 | 597.4 |
| 140° | 624.6 | 623.8 | 622.9 | 621.8 | 620.3 | 618.9 | 617.4 | 616.0 | 617.4 | 618.9 | 620.3 |
| 142.5° | 647.5 | 647.0 | 646.4 | 645.4 | 643.9 | 642.4 | 640.9 | 639.5 | 640.9 | 642.4 | 643.9 |
| 145° | 681.0 | 680.0 | 679.0 | 678.0 | 676.8 | 675.7 | 674.5 | 673.4 | 674.5 | 675.7 | 676.8 |
| 147.5° | 711.4 | 710.8 | 710.1 | 709.1 | 707.7 | 706.3 | 704.9 | 703.6 | 704.9 | 706.3 | 707.7 |
| 150° | 730.3 | 729.6 | 729.0 | 728.1 | 727.2 | 726.1 | 725.2 | 724.2 | 725.2 | 726.1 | 727.2 |
| 152.5° | 748.9 | 748.1 | 747.2 | 746.4 | 745.5 | 744.4 | 743.5 | 742.4 | 743.5 | 744.4 | 745.5 |
| 155° | 773.4 | 772.8 | 772.3 | 771.8 | 771.4 | 770.9 | 770.3 | 769.9 | 770.3 | 770.9 | 771.4 |
| 157.5° | 795.5 | 795.2 | 794.9 | 794.7 | 794.3 | 794.0 | 793.6 | 793.3 | 793.6 | 794.0 | 794.3 |
| 160° | 809.4 | 809.2 | 809.0 | 808.8 | 808.4 | 808.1 | 807.8 | 807.5 | 807.8 | 808.1 | 808.4 |
| 162.5° | 821.1 | 821.0 | 820.8 | 820.7 | 820.6 | 820.6 | 820.5 | 820.4 | 820.5 | 820.6 | 820.6 |
| 165° | 836.9 | 836.9 | 836.9 | 837.0 | 837.2 | 837.4 | 837.5 | 837.6 | 837.5 | 837.4 | 837.2 |
| 167.5° | 849.8 | 849.9 | 849.9 | 850.2 | 850.6 | 851.1 | 851.6 | 852.1 | 851.6 | 851.1 | 850.6 |
| 170° | 857.1 | 857.3 | 857.4 | 857.8 | 858.3 | 858.8 | 859.3 | 859.8 | 859.3 | 858.8 | 858.3 |
| 172.5° | 862.4 | 862.6 | 862.8 | 863.1 | 863.6 | 864.1 | 864.6 | 865.1 | 864.6 | 864.1 | 863.6 |
| 175° | 868.6 | 868.8 | 869.2 | 869.6 | 870.1 | 870.5 | 871.1 | 871.6 | 871.1 | 870.5 | 870.1 |
| 177.5° | 871.8 | 872.0 | 872.3 | 872.6 | 873.0 | 873.5 | 873.8 | 874.2 | 873.8 | 873.5 | 873.0 |
| 180° | 873.0 | 873.0 | 873.0 | 873.0 | 873.0 | 873.0 | 873.0 | 873.0 | 873.0 | 873.0 | 873.0 |



TEST NUMBER: P331658-830

CATALOG NUMBER: SA2XXRDIP-C485D725U830-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1013.0 | 1013.0 | 1013.0 | 1013.0 | 1013.0 | 1013.0 | 1013.0 | 1013.0 | 1013.0 | 1013.0 | 1013.0 |
| 2.5° | 998.6 | 996.6 | 993.0 | 987.4 | 984.0 | 978.1 | 974.1 | 976.4 | 976.9 | 976.4 | 975.8 |
| 5° | 971.9 | 964.4 | 954.2 | 944.3 | 935.2 | 925.4 | 919.7 | 917.3 | 912.3 | 909.6 | 908.1 |
| 7.5° | 939.3 | 926.6 | 912.2 | 895.0 | 880.4 | 865.2 | 857.3 | 853.5 | 843.4 | 837.9 | 833.1 |
| 10° | 915.1 | 895.0 | 880.6 | 858.1 | 844.4 | 824.3 | 810.6 | 811.0 | 797.2 | 789.5 | 783.8 |
| 12.5° | 888.4 | 866.4 | 842.4 | 822.1 | 803.0 | 786.9 | 770.3 | 763.6 | 749.0 | 741.6 | 726.4 |
| 15° | 844.0 | 818.3 | 793.1 | 765.5 | 746.2 | 721.2 | 697.3 | 668.1 | 644.5 | 624.1 | 618.4 |
| 17.5° | 795.6 | 763.8 | 738.4 | 706.2 | 673.0 | 630.9 | 603.2 | 586.3 | 572.0 | 561.3 | 553.3 |
| 20° | 762.4 | 730.0 | 702.9 | 654.3 | 609.6 | 581.1 | 560.7 | 547.7 | 532.9 | 521.3 | 514.9 |
| 22.5° | 727.5 | 693.7 | 656.8 | 602.5 | 567.7 | 544.8 | 526.6 | 511.6 | 501.6 | 492.6 | 486.8 |
| 25° | 677.9 | 640.9 | 580.0 | 542.7 | 514.6 | 490.7 | 478.0 | 468.8 | 458.3 | 445.9 | 440.4 |
| 27.5° | 625.6 | 566.8 | 523.0 | 495.3 | 468.4 | 452.9 | 441.5 | 427.8 | 418.4 | 412.8 | 407.0 |
| 30° | 586.4 | 527.6 | 493.5 | 463.2 | 444.2 | 427.0 | 413.6 | 405.9 | 396.7 | 387.2 | 383.3 |
| 32.5° | 542.7 | 495.8 | 463.1 | 437.9 | 418.6 | 403.9 | 393.3 | 380.8 | 374.2 | 368.3 | 360.2 |
| 35° | 488.5 | 453.0 | 423.1 | 402.7 | 384.4 | 372.4 | 360.1 | 352.7 | 340.7 | 335.8 | 332.6 |
| 37.5° | 442.6 | 411.8 | 389.5 | 368.0 | 353.5 | 340.3 | 332.7 | 320.9 | 315.8 | 308.9 | 302.2 |
| 40° | 416.7 | 386.4 | 365.0 | 347.4 | 331.2 | 321.3 | 311.9 | 302.4 | 294.6 | 291.4 | 283.3 |
| 42.5° | 390.3 | 365.6 | 344.1 | 324.9 | 314.1 | 303.6 | 291.6 | 284.6 | 276.5 | 271.5 | 266.5 |
| 45° | 353.7 | 332.0 | 313.6 | 297.7 | 285.8 | 274.9 | 267.1 | 255.5 | 251.0 | 240.7 | 236.5 |
| 47.5° | 321.6 | 301.3 | 283.9 | 268.8 | 257.1 | 250.1 | 238.7 | 229.6 | 222.3 | 216.0 | 210.7 |
| 50° | 298.8 | 281.9 | 265.0 | 251.7 | 241.1 | 230.9 | 219.3 | 214.7 | 203.4 | 200.3 | 197.1 |
| 52.5° | 278.0 | 261.9 | 246.5 | 233.4 | 222.8 | 212.9 | 202.6 | 196.7 | 189.1 | 185.9 | 183.6 |
| 55° | 248.8 | 233.4 | 218.6 | 207.0 | 196.4 | 186.2 | 179.8 | 172.5 | 168.9 | 166.5 | 163.6 |
| 57.5° | 219.5 | 205.7 | 194.3 | 182.6 | 171.9 | 163.8 | 156.5 | 152.0 | 148.4 | 145.2 | 141.8 |
| 60° | 201.0 | 187.6 | 177.4 | 166.5 | 155.6 | 148.9 | 143.3 | 138.0 | 133.7 | 128.8 | 127.4 |
| 62.5° | 181.3 | 169.6 | 160.2 | 149.6 | 140.1 | 133.9 | 128.7 | 123.7 | 118.6 | 111.4 | 109.4 |
| 65° | 154.2 | 145.1 | 135.2 | 126.4 | 117.9 | 112.0 | 104.2 | 98.6 | 96.4 | 95.8 | 95.4 |
| 67.5° | 129.7 | 121.0 | 112.5 | 103.6 | 95.9 | 90.3 | 86.3 | 85.5 | 84.1 | 83.6 | 82.7 |
| 70° | 113.3 | 105.3 | 96.8 | 88.3 | 81.0 | 79.9 | 78.5 | 77.1 | 75.3 | 74.6 | 73.9 |
| 72.5° | 98.7 | 90.3 | 81.9 | 75.1 | 71.9 | 70.6 | 69.2 | 67.8 | 66.6 | 65.9 | 65.5 |
| 75° | 75.7 | 68.0 | 62.3 | 59.9 | 58.1 | 57.0 | 55.0 | 53.8 | 53.2 | 52.1 | 51.7 |
| 77.5° | 54.5 | 50.1 | 47.5 | 46.0 | 44.1 | 43.0 | 41.8 | 40.7 | 40.0 | 39.8 | 39.2 |
| 80° | 41.6 | 39.4 | 37.7 | 35.5 | 34.9 | 33.5 | 33.1 | 32.0 | 32.4 | 31.3 | 31.3 |
| 82.5° | 32.2 | 29.6 | 28.1 | 27.1 | 26.4 | 25.3 | 24.9 | 24.4 | 24.5 | 23.8 | 23.8 |
| 85° | 16.6 | 15.8 | 15.2 | 14.4 | 14.4 | 13.4 | 13.8 | 13.4 | 13.4 | 12.6 | 12.3 |
| 87.5° | 7.1 | 7.4 | 7.5 | 8.2 | 9.0 | 9.4 | 9.3 | 9.0 | 8.9 | 8.9 | 8.6 |
| 90° | 8.6 | 11.4 | 15.0 | 18.6 | 22.1 | 25.8 | 25.4 | 25.2 | 24.8 | 24.5 | 24.4 |
| 92.5° | 18.9 | 20.0 | 20.8 | 21.7 | 22.6 | 23.5 | 23.5 | 23.6 | 23.7 | 23.7 | 23.8 |
| 95° | 44.9 | 45.8 | 46.2 | 46.5 | 46.8 | 47.1 | 47.1 | 47.1 | 47.1 | 47.1 | 47.0 |
| 97.5° | 75.8 | 76.8 | 77.4 | 78.0 | 78.6 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 |
| 100° | 98.8 | 99.7 | 100.2 | 100.7 | 101.1 | 101.7 | 101.7 | 101.7 | 101.7 | 101.7 | 101.6 |
| 102.5° | 122.5 | 123.4 | 123.9 | 124.6 | 125.2 | 125.8 | 125.9 | 126.1 | 126.2 | 126.4 | 126.3 |
| 105° | 160.3 | 160.8 | 161.1 | 161.5 | 161.7 | 162.1 | 162.4 | 162.8 | 163.1 | 163.4 | 163.5 |
| 107.5° | 201.6 | 202.0 | 202.0 | 202.0 | 202.0 | 202.0 | 202.2 | 202.3 | 202.4 | 202.6 | 202.3 |
| 110° | 228.7 | 229.1 | 229.1 | 229.1 | 229.1 | 229.1 | 229.1 | 229.1 | 229.1 | 229.1 | 228.8 |



TEST NUMBER: P331658-830

CATALOG NUMBER: SA2XXRDIP-C485D725U830-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 256.9 | 257.3 | 257.2 | 257.1 | 256.9 | 256.8 | 256.5 | 256.0 | 255.6 | 255.2 | 254.9 |
| 115° | 298.6 | 299.0 | 298.6 | 298.3 | 297.9 | 297.7 | 297.5 | 297.3 | 297.2 | 297.0 | 296.6 |
| 117.5° | 341.5 | 341.7 | 340.7 | 339.9 | 338.9 | 338.0 | 337.6 | 337.2 | 336.9 | 336.4 | 336.0 |
| 120° | 369.2 | 369.2 | 367.9 | 366.6 | 365.2 | 363.9 | 363.9 | 363.9 | 363.9 | 363.9 | 363.7 |
| 122.5° | 395.6 | 395.9 | 395.0 | 394.1 | 393.1 | 392.2 | 391.8 | 391.4 | 391.1 | 390.7 | 390.3 |
| 125° | 434.7 | 435.2 | 434.7 | 434.1 | 433.7 | 433.2 | 432.7 | 432.3 | 431.7 | 431.2 | 430.9 |
| 127.5° | 474.7 | 475.3 | 474.8 | 474.2 | 473.5 | 473.0 | 472.4 | 471.8 | 471.2 | 470.6 | 470.0 |
| 130° | 499.9 | 500.8 | 500.5 | 500.1 | 499.8 | 499.5 | 499.2 | 498.9 | 498.5 | 498.2 | 497.7 |
| 132.5° | 525.5 | 526.3 | 526.4 | 526.5 | 526.5 | 526.6 | 525.9 | 525.2 | 524.4 | 523.8 | 523.1 |
| 135° | 561.9 | 563.0 | 563.4 | 563.6 | 564.0 | 564.3 | 564.2 | 564.0 | 563.8 | 563.6 | 563.4 |
| 137.5° | 598.8 | 599.7 | 600.2 | 600.6 | 601.1 | 601.4 | 601.3 | 601.2 | 601.1 | 601.0 | 600.6 |
| 140° | 621.8 | 622.9 | 623.8 | 624.6 | 625.4 | 626.2 | 626.2 | 626.2 | 626.2 | 626.2 | 625.8 |
| 142.5° | 645.4 | 646.4 | 647.0 | 647.5 | 648.1 | 648.7 | 648.8 | 648.8 | 649.0 | 649.1 | 648.8 |
| 145° | 678.0 | 679.0 | 680.0 | 681.0 | 681.9 | 683.0 | 683.2 | 683.2 | 683.4 | 683.6 | 683.3 |
| 147.5° | 709.1 | 710.1 | 710.8 | 711.4 | 712.1 | 712.8 | 713.0 | 713.4 | 713.8 | 714.2 | 714.1 |
| 150° | 728.1 | 729.0 | 729.6 | 730.3 | 730.9 | 731.6 | 732.1 | 732.5 | 733.0 | 733.6 | 733.6 |
| 152.5° | 746.4 | 747.2 | 748.1 | 748.9 | 749.6 | 750.5 | 751.0 | 751.7 | 752.3 | 752.9 | 752.9 |
| 155° | 771.8 | 772.3 | 772.8 | 773.4 | 773.8 | 774.3 | 775.1 | 775.9 | 776.7 | 777.6 | 777.8 |
| 157.5° | 794.7 | 794.9 | 795.2 | 795.5 | 795.8 | 796.1 | 797.2 | 798.3 | 799.5 | 800.6 | 800.7 |
| 160° | 808.8 | 809.0 | 809.2 | 809.4 | 809.5 | 809.6 | 810.7 | 811.6 | 812.7 | 813.6 | 813.8 |
| 162.5° | 820.7 | 820.8 | 821.0 | 821.1 | 821.3 | 821.4 | 822.6 | 823.7 | 824.8 | 826.0 | 826.0 |
| 165° | 837.0 | 836.9 | 836.9 | 836.9 | 836.9 | 836.9 | 838.1 | 839.2 | 840.4 | 841.5 | 841.7 |
| 167.5° | 850.2 | 849.9 | 849.9 | 849.8 | 849.8 | 849.7 | 850.9 | 852.1 | 853.2 | 854.3 | 854.5 |
| 170° | 857.8 | 857.4 | 857.3 | 857.1 | 857.0 | 856.8 | 858.0 | 859.1 | 860.3 | 861.4 | 861.5 |
| 172.5° | 863.1 | 862.8 | 862.6 | 862.4 | 862.3 | 862.1 | 863.3 | 864.4 | 865.5 | 866.7 | 866.8 |
| 175° | 869.6 | 869.2 | 868.8 | 868.6 | 868.2 | 867.9 | 869.0 | 870.2 | 871.3 | 872.4 | 872.5 |
| 177.5° | 872.6 | 872.3 | 872.0 | 871.8 | 871.5 | 871.3 | 872.0 | 872.8 | 873.6 | 874.4 | 874.4 |
| 180° | 873.0 | 873.0 | 873.0 | 873.0 | 873.0 | 873.0 | 873.0 | 873.0 | 873.0 | 873.0 | 873.0 |



TEST NUMBER: P331658-830
 CATALOG NUMBER: SA2XXRDIP-C485D725U830-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1013.0 | 1013.0 | 1013.0 | 1013.0 | 1013.0 | 1013.0 | 1013.0 | 1013.0 | 1013.0 | 1013.0 | 1013.0 |
| 2.5° | 972.7 | 973.3 | 972.4 | 973.0 | 972.4 | 973.3 | 972.7 | 975.8 | 976.4 | 976.9 | 976.4 |
| 5° | 906.3 | 902.1 | 901.4 | 900.4 | 901.4 | 902.1 | 906.3 | 908.1 | 909.6 | 912.3 | 917.3 |
| 7.5° | 827.1 | 826.4 | 824.7 | 822.2 | 824.7 | 826.4 | 827.1 | 833.1 | 837.9 | 843.4 | 853.5 |
| 10° | 776.1 | 774.4 | 774.0 | 771.6 | 774.0 | 774.4 | 776.1 | 783.8 | 789.5 | 797.2 | 811.0 |
| 12.5° | 716.4 | 705.1 | 703.9 | 697.8 | 703.9 | 705.1 | 716.4 | 726.4 | 741.6 | 749.0 | 763.6 |
| 15° | 610.0 | 607.8 | 600.9 | 596.3 | 600.9 | 607.8 | 610.0 | 618.4 | 624.1 | 644.5 | 668.1 |
| 17.5° | 549.1 | 542.2 | 540.1 | 539.1 | 540.1 | 542.2 | 549.1 | 553.3 | 561.3 | 572.0 | 586.3 |
| 20° | 510.0 | 503.7 | 502.7 | 501.9 | 502.7 | 503.7 | 510.0 | 514.9 | 521.3 | 532.9 | 547.7 |
| 22.5° | 483.0 | 476.4 | 473.6 | 471.6 | 473.6 | 476.4 | 483.0 | 486.8 | 492.6 | 501.6 | 511.6 |
| 25° | 436.8 | 434.3 | 432.9 | 432.3 | 432.9 | 434.3 | 436.8 | 440.4 | 445.9 | 458.3 | 468.8 |
| 27.5° | 400.7 | 395.3 | 394.2 | 392.4 | 394.2 | 395.3 | 400.7 | 407.0 | 412.8 | 418.4 | 427.8 |
| 30° | 380.1 | 378.3 | 375.9 | 373.8 | 375.9 | 378.3 | 380.1 | 383.3 | 387.2 | 396.7 | 405.9 |
| 32.5° | 355.9 | 354.5 | 352.2 | 351.3 | 352.2 | 354.5 | 355.9 | 360.2 | 368.3 | 374.2 | 380.8 |
| 35° | 329.1 | 324.1 | 322.1 | 318.9 | 322.1 | 324.1 | 329.1 | 332.6 | 335.8 | 340.7 | 352.7 |
| 37.5° | 300.8 | 298.1 | 295.2 | 296.2 | 295.2 | 298.1 | 300.8 | 302.2 | 308.9 | 315.8 | 320.9 |
| 40° | 278.8 | 277.0 | 276.3 | 276.0 | 276.3 | 277.0 | 278.8 | 283.3 | 291.4 | 294.6 | 302.4 |
| 42.5° | 261.3 | 256.5 | 254.6 | 254.6 | 254.6 | 256.5 | 261.3 | 266.5 | 271.5 | 276.5 | 284.6 |
| 45° | 234.8 | 230.2 | 227.1 | 227.3 | 227.1 | 230.2 | 234.8 | 236.5 | 240.7 | 251.0 | 255.5 |
| 47.5° | 207.6 | 207.5 | 205.5 | 206.1 | 205.5 | 207.5 | 207.6 | 210.7 | 216.0 | 222.3 | 229.6 |
| 50° | 194.6 | 192.6 | 191.1 | 191.4 | 191.1 | 192.6 | 194.6 | 197.1 | 200.3 | 203.4 | 214.7 |
| 52.5° | 182.3 | 180.4 | 179.3 | 180.8 | 179.3 | 180.4 | 182.3 | 183.6 | 185.9 | 189.1 | 196.7 |
| 55° | 161.9 | 159.8 | 159.5 | 159.1 | 159.5 | 159.8 | 161.9 | 163.6 | 166.5 | 168.9 | 172.5 |
| 57.5° | 139.2 | 137.8 | 135.6 | 134.8 | 135.6 | 137.8 | 139.2 | 141.8 | 145.2 | 148.4 | 152.0 |
| 60° | 122.8 | 120.0 | 116.5 | 116.1 | 116.5 | 120.0 | 122.8 | 127.4 | 128.8 | 133.7 | 138.0 |
| 62.5° | 107.9 | 107.4 | 106.7 | 106.6 | 106.7 | 107.4 | 107.9 | 109.4 | 111.4 | 118.6 | 123.7 |
| 65° | 94.7 | 94.3 | 94.7 | 95.0 | 94.7 | 94.3 | 94.7 | 95.4 | 95.8 | 96.4 | 98.6 |
| 67.5° | 82.5 | 81.9 | 81.2 | 81.5 | 81.2 | 81.9 | 82.5 | 82.7 | 83.6 | 84.1 | 85.5 |
| 70° | 73.2 | 72.9 | 72.5 | 72.5 | 72.5 | 72.9 | 73.2 | 73.9 | 74.6 | 75.3 | 77.1 |
| 72.5° | 64.2 | 64.1 | 63.8 | 63.5 | 63.8 | 64.1 | 64.2 | 65.5 | 65.9 | 66.6 | 67.8 |
| 75° | 51.4 | 50.7 | 50.7 | 50.7 | 50.7 | 50.7 | 51.4 | 51.7 | 52.1 | 53.2 | 53.8 |
| 77.5° | 39.1 | 38.8 | 38.5 | 38.2 | 38.5 | 38.8 | 39.1 | 39.2 | 39.8 | 40.0 | 40.7 |
| 80° | 31.0 | 30.6 | 30.3 | 30.3 | 30.3 | 30.6 | 31.0 | 31.3 | 31.3 | 32.4 | 32.0 |
| 82.5° | 23.7 | 23.3 | 23.2 | 22.9 | 23.2 | 23.3 | 23.7 | 23.8 | 23.8 | 24.5 | 24.4 |
| 85° | 12.6 | 13.0 | 12.6 | 13.4 | 12.6 | 13.0 | 12.6 | 12.3 | 12.6 | 13.4 | 13.4 |
| 87.5° | 8.6 | 8.3 | 8.7 | 8.4 | 8.7 | 8.3 | 8.6 | 8.6 | 8.9 | 8.9 | 9.0 |
| 90° | 24.6 | 24.7 | 24.9 | 25.1 | 24.9 | 24.7 | 24.6 | 24.4 | 24.5 | 24.8 | 25.2 |
| 92.5° | 23.8 | 23.8 | 23.8 | 23.8 | 23.8 | 23.8 | 23.8 | 23.8 | 23.7 | 23.7 | 23.6 |
| 95° | 46.7 | 46.4 | 46.0 | 45.7 | 46.0 | 46.4 | 46.7 | 47.0 | 47.1 | 47.1 | 47.1 |
| 97.5° | 79.3 | 79.2 | 79.2 | 79.1 | 79.2 | 79.2 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 |
| 100° | 101.4 | 101.2 | 101.1 | 100.9 | 101.1 | 101.2 | 101.4 | 101.6 | 101.7 | 101.7 | 101.7 |
| 102.5° | 126.2 | 126.0 | 125.8 | 125.6 | 125.8 | 126.0 | 126.2 | 126.3 | 126.4 | 126.2 | 126.1 |
| 105° | 163.5 | 163.5 | 163.5 | 163.5 | 163.5 | 163.5 | 163.5 | 163.5 | 163.4 | 163.1 | 162.8 |
| 107.5° | 201.5 | 200.8 | 200.0 | 199.3 | 200.0 | 200.8 | 201.5 | 202.3 | 202.6 | 202.4 | 202.3 |
| 110° | 228.4 | 227.9 | 227.4 | 226.9 | 227.4 | 227.9 | 228.4 | 228.8 | 229.1 | 229.1 | 229.1 |



TEST NUMBER: P331658-830
 CATALOG NUMBER: SA2XXRDIP-C485D725U830-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 254.5 | 254.1 | 253.8 | 253.4 | 253.8 | 254.1 | 254.5 | 254.9 | 255.2 | 255.6 | 256.0 |
| 115° | 296.1 | 295.7 | 295.2 | 294.7 | 295.2 | 295.7 | 296.1 | 296.6 | 297.0 | 297.2 | 297.3 |
| 117.5° | 335.5 | 335.0 | 334.5 | 334.0 | 334.5 | 335.0 | 335.5 | 336.0 | 336.4 | 336.9 | 337.2 |
| 120° | 363.2 | 362.7 | 362.2 | 361.7 | 362.2 | 362.7 | 363.2 | 363.7 | 363.9 | 363.9 | 363.9 |
| 122.5° | 389.9 | 389.6 | 389.2 | 388.9 | 389.2 | 389.6 | 389.9 | 390.3 | 390.7 | 391.1 | 391.4 |
| 125° | 430.7 | 430.6 | 430.5 | 430.3 | 430.5 | 430.6 | 430.7 | 430.9 | 431.2 | 431.7 | 432.3 |
| 127.5° | 469.6 | 469.0 | 468.5 | 468.0 | 468.5 | 469.0 | 469.6 | 470.0 | 470.6 | 471.2 | 471.8 |
| 130° | 497.0 | 496.4 | 495.8 | 495.1 | 495.8 | 496.4 | 497.0 | 497.7 | 498.2 | 498.5 | 498.9 |
| 132.5° | 522.5 | 522.1 | 521.5 | 521.0 | 521.5 | 522.1 | 522.5 | 523.1 | 523.8 | 524.4 | 525.2 |
| 135° | 562.9 | 562.4 | 561.8 | 561.4 | 561.8 | 562.4 | 562.9 | 563.4 | 563.6 | 563.8 | 564.0 |
| 137.5° | 599.9 | 599.3 | 598.6 | 597.9 | 598.6 | 599.3 | 599.9 | 600.6 | 601.0 | 601.1 | 601.2 |
| 140° | 625.3 | 624.6 | 624.0 | 623.3 | 624.0 | 624.6 | 625.3 | 625.8 | 626.2 | 626.2 | 626.2 |
| 142.5° | 648.2 | 647.5 | 647.0 | 646.3 | 647.0 | 647.5 | 648.2 | 648.8 | 649.1 | 649.0 | 648.8 |
| 145° | 682.7 | 682.0 | 681.4 | 680.7 | 681.4 | 682.0 | 682.7 | 683.3 | 683.6 | 683.4 | 683.2 |
| 147.5° | 713.4 | 712.8 | 712.2 | 711.5 | 712.2 | 712.8 | 713.4 | 714.1 | 714.2 | 713.8 | 713.4 |
| 150° | 733.0 | 732.5 | 732.1 | 731.6 | 732.1 | 732.5 | 733.0 | 733.6 | 733.6 | 733.0 | 732.5 |
| 152.5° | 752.3 | 751.7 | 751.0 | 750.5 | 751.0 | 751.7 | 752.3 | 752.9 | 752.9 | 752.3 | 751.7 |
| 155° | 777.2 | 776.7 | 776.3 | 775.8 | 776.3 | 776.7 | 777.2 | 777.8 | 777.6 | 776.7 | 775.9 |
| 157.5° | 799.9 | 799.2 | 798.3 | 797.6 | 798.3 | 799.2 | 799.9 | 800.7 | 800.6 | 799.5 | 798.3 |
| 160° | 813.1 | 812.5 | 811.8 | 811.2 | 811.8 | 812.5 | 813.1 | 813.8 | 813.6 | 812.7 | 811.6 |
| 162.5° | 825.3 | 824.5 | 823.7 | 822.9 | 823.7 | 824.5 | 825.3 | 826.0 | 826.0 | 824.8 | 823.7 |
| 165° | 840.8 | 840.0 | 839.2 | 838.4 | 839.2 | 840.0 | 840.8 | 841.7 | 841.5 | 840.4 | 839.2 |
| 167.5° | 853.7 | 852.8 | 852.0 | 851.1 | 852.0 | 852.8 | 853.7 | 854.5 | 854.3 | 853.2 | 852.1 |
| 170° | 860.5 | 859.5 | 858.6 | 857.5 | 858.6 | 859.5 | 860.5 | 861.5 | 861.4 | 860.3 | 859.1 |
| 172.5° | 865.8 | 864.8 | 863.8 | 862.9 | 863.8 | 864.8 | 865.8 | 866.8 | 866.7 | 865.5 | 864.4 |
| 175° | 871.6 | 870.5 | 869.6 | 868.6 | 869.6 | 870.5 | 871.6 | 872.5 | 872.4 | 871.3 | 870.2 |
| 177.5° | 873.6 | 872.8 | 872.0 | 871.3 | 872.0 | 872.8 | 873.6 | 874.4 | 874.4 | 873.6 | 872.8 |
| 180° | 873.0 | 873.0 | 873.0 | 873.0 | 873.0 | 873.0 | 873.0 | 873.0 | 873.0 | 873.0 | 873.0 |



TEST NUMBER: P331658-830

CATALOG NUMBER: SA2XXRDIP-C485D725U830-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1013.0 | 1013.0 | 1013.0 | 1013.0 | 1013.0 | 1013.0 | 1013.0 | 1013.0 | 1013.0 | 1013.0 | 1013.0 |
| 2.5° | 974.1 | 978.1 | 984.0 | 987.4 | 993.0 | 996.6 | 998.6 | 1002.3 | 1004.3 | 1011.3 | 1018.6 |
| 5° | 919.7 | 925.4 | 935.2 | 944.3 | 954.2 | 964.4 | 971.9 | 980.2 | 988.0 | 1001.4 | 1015.5 |
| 7.5° | 857.3 | 865.2 | 880.4 | 895.0 | 912.2 | 926.6 | 939.3 | 953.8 | 966.7 | 985.8 | 1005.8 |
| 10° | 810.6 | 824.3 | 844.4 | 858.1 | 880.6 | 895.0 | 915.1 | 930.9 | 949.0 | 974.3 | 996.8 |
| 12.5° | 770.3 | 786.9 | 803.0 | 822.1 | 842.4 | 866.4 | 888.4 | 908.7 | 930.1 | 956.3 | 982.7 |
| 15° | 697.3 | 721.2 | 746.2 | 765.5 | 793.1 | 818.3 | 844.0 | 871.5 | 897.6 | 928.9 | 963.4 |
| 17.5° | 603.2 | 630.9 | 673.0 | 706.2 | 738.4 | 763.8 | 795.6 | 828.9 | 859.5 | 897.3 | 935.7 |
| 20° | 560.7 | 581.1 | 609.6 | 654.3 | 702.9 | 730.0 | 762.4 | 799.0 | 834.2 | 875.3 | 916.5 |
| 22.5° | 526.6 | 544.8 | 567.7 | 602.5 | 656.8 | 693.7 | 727.5 | 764.7 | 805.5 | 847.5 | 893.2 |
| 25° | 478.0 | 490.7 | 514.6 | 542.7 | 580.0 | 640.9 | 677.9 | 715.2 | 759.6 | 804.6 | 856.7 |
| 27.5° | 441.5 | 452.9 | 468.4 | 495.3 | 523.0 | 566.8 | 625.6 | 666.2 | 710.4 | 761.1 | 815.2 |
| 30° | 413.6 | 427.0 | 444.2 | 463.2 | 493.5 | 527.6 | 586.4 | 633.6 | 677.2 | 729.3 | 787.0 |
| 32.5° | 393.3 | 403.9 | 418.6 | 437.9 | 463.1 | 495.8 | 542.7 | 600.0 | 642.5 | 697.5 | 757.7 |
| 35° | 360.1 | 372.4 | 384.4 | 402.7 | 423.1 | 453.0 | 488.5 | 549.8 | 592.0 | 646.2 | 706.8 |
| 37.5° | 332.7 | 340.3 | 353.5 | 368.0 | 389.5 | 411.8 | 442.6 | 497.6 | 543.3 | 596.4 | 658.5 |
| 40° | 311.9 | 321.3 | 331.2 | 347.4 | 365.0 | 386.4 | 416.7 | 457.6 | 510.0 | 562.1 | 622.6 |
| 42.5° | 291.6 | 303.6 | 314.1 | 324.9 | 344.1 | 365.6 | 390.3 | 424.9 | 478.4 | 527.7 | 586.6 |
| 45° | 267.1 | 274.9 | 285.8 | 297.7 | 313.6 | 332.0 | 353.7 | 384.0 | 435.4 | 478.0 | 533.3 |
| 47.5° | 238.7 | 250.1 | 257.1 | 268.8 | 283.9 | 301.3 | 321.6 | 347.8 | 389.5 | 429.3 | 480.6 |
| 50° | 219.3 | 230.9 | 241.1 | 251.7 | 265.0 | 281.9 | 298.8 | 324.1 | 357.6 | 399.5 | 447.3 |
| 52.5° | 202.6 | 212.9 | 222.8 | 233.4 | 246.5 | 261.9 | 278.0 | 300.2 | 328.9 | 367.4 | 413.9 |
| 55° | 179.8 | 186.2 | 196.4 | 207.0 | 218.6 | 233.4 | 248.8 | 267.5 | 292.2 | 324.5 | 362.2 |
| 57.5° | 156.5 | 163.8 | 171.9 | 182.6 | 194.3 | 205.7 | 219.5 | 236.5 | 255.9 | 285.2 | 317.4 |
| 60° | 143.3 | 148.9 | 155.6 | 166.5 | 177.4 | 187.6 | 201.0 | 215.1 | 233.4 | 258.7 | 286.2 |
| 62.5° | 128.7 | 133.9 | 140.1 | 149.6 | 160.2 | 169.6 | 181.3 | 196.2 | 211.7 | 234.8 | 258.8 |
| 65° | 104.2 | 112.0 | 117.9 | 126.4 | 135.2 | 145.1 | 154.2 | 166.2 | 179.8 | 198.1 | 219.6 |
| 67.5° | 86.3 | 90.3 | 95.9 | 103.6 | 112.5 | 121.0 | 129.7 | 139.0 | 150.9 | 165.0 | 182.1 |
| 70° | 78.5 | 79.9 | 81.0 | 88.3 | 96.8 | 105.3 | 113.3 | 122.2 | 132.3 | 143.9 | 158.7 |
| 72.5° | 69.2 | 70.6 | 71.9 | 75.1 | 81.9 | 90.3 | 98.7 | 105.3 | 114.9 | 124.5 | 136.5 |
| 75° | 55.0 | 57.0 | 58.1 | 59.9 | 62.3 | 68.0 | 75.7 | 82.0 | 87.7 | 95.0 | 104.5 |
| 77.5° | 41.8 | 43.0 | 44.1 | 46.0 | 47.5 | 50.1 | 54.5 | 60.2 | 65.5 | 69.7 | 76.3 |
| 80° | 33.1 | 33.5 | 34.9 | 35.5 | 37.7 | 39.4 | 41.6 | 46.1 | 51.4 | 53.2 | 57.7 |
| 82.5° | 24.9 | 25.3 | 26.4 | 27.1 | 28.1 | 29.6 | 32.2 | 33.5 | 37.6 | 39.9 | 42.8 |
| 85° | 13.8 | 13.4 | 14.4 | 14.4 | 15.2 | 15.8 | 16.6 | 18.3 | 19.3 | 22.1 | 22.9 |
| 87.5° | 9.3 | 9.4 | 9.0 | 8.2 | 7.5 | 7.4 | 7.1 | 7.0 | 7.2 | 7.5 | 8.3 |
| 90° | 25.4 | 25.8 | 22.1 | 18.6 | 15.0 | 11.4 | 8.6 | 6.6 | 4.7 | 2.7 | 0.8 |
| 92.5° | 23.5 | 23.5 | 22.6 | 21.7 | 20.8 | 20.0 | 18.9 | 17.4 | 16.0 | 14.5 | 13.1 |
| 95° | 47.1 | 47.1 | 46.8 | 46.5 | 46.2 | 45.8 | 44.9 | 43.3 | 41.6 | 40.0 | 38.3 |
| 97.5° | 79.3 | 79.3 | 78.6 | 78.0 | 77.4 | 76.8 | 75.8 | 74.3 | 72.9 | 71.4 | 70.0 |
| 100° | 101.7 | 101.7 | 101.1 | 100.7 | 100.2 | 99.7 | 98.8 | 97.5 | 96.1 | 94.9 | 93.6 |
| 102.5° | 125.9 | 125.8 | 125.2 | 124.6 | 123.9 | 123.4 | 122.5 | 121.5 | 120.5 | 119.3 | 118.3 |
| 105° | 162.4 | 162.1 | 161.7 | 161.5 | 161.1 | 160.8 | 160.3 | 159.9 | 159.4 | 158.9 | 158.4 |
| 107.5° | 202.2 | 202.0 | 202.0 | 202.0 | 202.0 | 202.0 | 201.6 | 201.0 | 200.2 | 199.5 | 198.8 |
| 110° | 229.1 | 229.1 | 229.1 | 229.1 | 229.1 | 229.1 | 228.7 | 227.6 | 226.7 | 225.6 | 224.7 |



TEST NUMBER: P331658-830

CATALOG NUMBER: SA2XXRDIP-C485D725U830-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 256.5 | 256.8 | 256.9 | 257.1 | 257.2 | 257.3 | 256.9 | 255.9 | 255.0 | 254.0 | 253.0 |
| 115° | 297.5 | 297.7 | 297.9 | 298.3 | 298.6 | 299.0 | 298.6 | 297.7 | 296.6 | 295.7 | 294.7 |
| 117.5° | 337.6 | 338.0 | 338.9 | 339.9 | 340.7 | 341.7 | 341.5 | 340.2 | 338.8 | 337.5 | 336.2 |
| 120° | 363.9 | 363.9 | 365.2 | 366.6 | 367.9 | 369.2 | 369.2 | 367.9 | 366.6 | 365.2 | 363.9 |
| 122.5° | 391.8 | 392.2 | 393.1 | 394.1 | 395.0 | 395.9 | 395.6 | 394.0 | 392.5 | 390.9 | 389.3 |
| 125° | 432.7 | 433.2 | 433.7 | 434.1 | 434.7 | 435.2 | 434.7 | 433.2 | 431.7 | 430.3 | 428.8 |
| 127.5° | 472.4 | 473.0 | 473.5 | 474.2 | 474.8 | 475.3 | 474.7 | 472.9 | 471.0 | 469.1 | 467.2 |
| 130° | 499.2 | 499.5 | 499.8 | 500.1 | 500.5 | 500.8 | 499.9 | 497.8 | 495.7 | 493.5 | 491.4 |
| 132.5° | 525.9 | 526.6 | 526.5 | 526.5 | 526.4 | 526.3 | 525.5 | 523.7 | 522.0 | 520.3 | 518.5 |
| 135° | 564.2 | 564.3 | 564.0 | 563.6 | 563.4 | 563.0 | 561.9 | 560.2 | 558.4 | 556.6 | 554.8 |
| 137.5° | 601.3 | 601.4 | 601.1 | 600.6 | 600.2 | 599.7 | 598.8 | 597.4 | 595.9 | 594.4 | 593.0 |
| 140° | 626.2 | 626.2 | 625.4 | 624.6 | 623.8 | 622.9 | 621.8 | 620.3 | 618.9 | 617.4 | 616.0 |
| 142.5° | 648.8 | 648.7 | 648.1 | 647.5 | 647.0 | 646.4 | 645.4 | 643.9 | 642.4 | 640.9 | 639.5 |
| 145° | 683.2 | 683.0 | 681.9 | 681.0 | 680.0 | 679.0 | 678.0 | 676.8 | 675.7 | 674.5 | 673.4 |
| 147.5° | 713.0 | 712.8 | 712.1 | 711.4 | 710.8 | 710.1 | 709.1 | 707.7 | 706.3 | 704.9 | 703.6 |
| 150° | 732.1 | 731.6 | 730.9 | 730.3 | 729.6 | 729.0 | 728.1 | 727.2 | 726.1 | 725.2 | 724.2 |
| 152.5° | 751.0 | 750.5 | 749.6 | 748.9 | 748.1 | 747.2 | 746.4 | 745.5 | 744.4 | 743.5 | 742.4 |
| 155° | 775.1 | 774.3 | 773.8 | 773.4 | 772.8 | 772.3 | 771.8 | 771.4 | 770.9 | 770.3 | 769.9 |
| 157.5° | 797.2 | 796.1 | 795.8 | 795.5 | 795.2 | 794.9 | 794.7 | 794.3 | 794.0 | 793.6 | 793.3 |
| 160° | 810.7 | 809.6 | 809.5 | 809.4 | 809.2 | 809.0 | 808.8 | 808.4 | 808.1 | 807.8 | 807.5 |
| 162.5° | 822.6 | 821.4 | 821.3 | 821.1 | 821.0 | 820.8 | 820.7 | 820.6 | 820.6 | 820.5 | 820.4 |
| 165° | 838.1 | 836.9 | 836.9 | 836.9 | 836.9 | 836.9 | 837.0 | 837.2 | 837.4 | 837.5 | 837.6 |
| 167.5° | 850.9 | 849.7 | 849.8 | 849.8 | 849.9 | 849.9 | 850.2 | 850.6 | 851.1 | 851.6 | 852.1 |
| 170° | 858.0 | 856.8 | 857.0 | 857.1 | 857.3 | 857.4 | 857.8 | 858.3 | 858.8 | 859.3 | 859.8 |
| 172.5° | 863.3 | 862.1 | 862.3 | 862.4 | 862.6 | 862.8 | 863.1 | 863.6 | 864.1 | 864.6 | 865.1 |
| 175° | 869.0 | 867.9 | 868.2 | 868.6 | 868.8 | 869.2 | 869.6 | 870.1 | 870.5 | 871.1 | 871.6 |
| 177.5° | 872.0 | 871.3 | 871.5 | 871.8 | 872.0 | 872.3 | 872.6 | 873.0 | 873.5 | 873.8 | 874.2 |
| 180° | 873.0 | 873.0 | 873.0 | 873.0 | 873.0 | 873.0 | 873.0 | 873.0 | 873.0 | 873.0 | 873.0 |



TEST NUMBER: P331658-830

CATALOG NUMBER: SA2XXRDIP-C485D725U830-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1013.0 | 1013.0 | 1013.0 | 1013.0 | 1013.0 | 1013.0 | 1013.0 | 1013.0 | 1013.0 | 1013.0 | 1013.0 |
| 2.5° | 1018.9 | 1019.7 | 1025.4 | 1027.9 | 1033.0 | 1035.0 | 1037.2 | 1036.6 | 1036.6 | 1037.7 | 1045.7 |
| 5° | 1021.1 | 1028.1 | 1038.7 | 1048.9 | 1058.8 | 1067.2 | 1072.8 | 1078.5 | 1080.5 | 1090.8 | 1099.9 |
| 7.5° | 1017.5 | 1030.4 | 1047.8 | 1063.4 | 1082.0 | 1096.6 | 1108.7 | 1119.6 | 1127.1 | 1142.0 | 1157.2 |
| 10° | 1012.7 | 1031.0 | 1050.7 | 1070.7 | 1096.5 | 1115.8 | 1135.5 | 1150.7 | 1155.6 | 1177.7 | 1190.4 |
| 12.5° | 1003.1 | 1027.6 | 1052.6 | 1078.6 | 1103.7 | 1130.4 | 1152.1 | 1167.2 | 1184.6 | 1204.5 | 1227.9 |
| 15° | 988.7 | 1016.9 | 1049.6 | 1083.1 | 1119.0 | 1151.3 | 1174.6 | 1201.0 | 1219.9 | 1241.8 | 1262.2 |
| 17.5° | 968.1 | 1004.4 | 1045.9 | 1084.7 | 1126.1 | 1160.9 | 1193.0 | 1218.2 | 1231.6 | 1244.1 | 1247.2 |
| 20° | 951.8 | 990.8 | 1039.7 | 1085.5 | 1127.0 | 1167.2 | 1198.8 | 1219.9 | 1223.5 | 1223.8 | 1205.1 |
| 22.5° | 934.1 | 978.2 | 1029.4 | 1076.2 | 1125.9 | 1170.5 | 1195.1 | 1204.2 | 1190.2 | 1166.4 | 1130.3 |
| 25° | 901.4 | 952.4 | 1011.9 | 1065.5 | 1119.6 | 1161.9 | 1170.4 | 1154.5 | 1105.6 | 1054.1 | 989.1 |
| 27.5° | 866.1 | 923.4 | 987.2 | 1046.7 | 1104.5 | 1130.7 | 1112.4 | 1055.3 | 967.1 | 890.6 | 797.8 |
| 30° | 840.2 | 904.6 | 967.2 | 1033.8 | 1087.2 | 1098.5 | 1056.7 | 972.5 | 869.8 | 754.3 | 661.8 |
| 32.5° | 810.6 | 878.1 | 947.0 | 1015.8 | 1060.5 | 1049.5 | 980.3 | 876.8 | 756.3 | 642.8 | 555.3 |
| 35° | 768.4 | 838.1 | 912.3 | 981.3 | 1009.8 | 962.3 | 858.8 | 724.1 | 600.9 | 494.9 | 434.7 |
| 37.5° | 719.6 | 795.5 | 872.7 | 936.0 | 934.1 | 854.8 | 713.9 | 574.7 | 471.2 | 408.5 | 365.6 |
| 40° | 684.9 | 761.7 | 845.1 | 898.6 | 875.7 | 772.6 | 619.8 | 488.5 | 412.8 | 362.9 | 331.6 |
| 42.5° | 651.8 | 728.8 | 811.6 | 854.1 | 814.4 | 687.6 | 535.4 | 432.5 | 370.0 | 331.1 | 305.7 |
| 45° | 595.2 | 676.5 | 753.3 | 776.8 | 705.7 | 566.0 | 432.9 | 358.4 | 316.8 | 287.9 | 270.3 |
| 47.5° | 540.0 | 619.9 | 689.9 | 690.4 | 594.2 | 459.0 | 365.2 | 310.1 | 274.7 | 252.3 | 239.5 |
| 50° | 506.1 | 582.2 | 640.9 | 631.8 | 522.7 | 408.3 | 326.6 | 279.1 | 249.6 | 232.3 | 219.0 |
| 52.5° | 468.2 | 541.9 | 592.8 | 566.8 | 462.1 | 359.3 | 292.0 | 252.1 | 227.6 | 212.6 | 200.7 |
| 55° | 412.8 | 478.3 | 514.3 | 474.9 | 377.0 | 298.8 | 246.8 | 215.4 | 197.1 | 184.5 | 174.3 |
| 57.5° | 358.6 | 412.6 | 435.2 | 389.3 | 310.5 | 247.8 | 208.7 | 185.2 | 167.0 | 158.0 | 152.7 |
| 60° | 324.5 | 370.6 | 386.4 | 335.8 | 269.9 | 216.8 | 184.8 | 163.0 | 149.6 | 143.6 | 138.4 |
| 62.5° | 291.1 | 328.7 | 335.3 | 288.8 | 235.4 | 189.8 | 162.3 | 143.8 | 135.0 | 129.2 | 124.2 |
| 65° | 241.5 | 268.5 | 265.4 | 228.1 | 186.2 | 150.6 | 130.5 | 119.3 | 112.6 | 104.5 | 95.8 |
| 67.5° | 198.8 | 215.4 | 205.4 | 177.4 | 142.1 | 117.1 | 104.0 | 95.5 | 87.2 | 79.5 | 77.5 |
| 70° | 171.7 | 181.3 | 170.7 | 145.1 | 116.5 | 98.2 | 87.7 | 77.5 | 72.5 | 70.8 | 67.6 |
| 72.5° | 145.9 | 149.2 | 137.8 | 115.7 | 94.8 | 81.3 | 71.1 | 65.3 | 62.7 | 61.2 | 59.1 |
| 75° | 109.4 | 107.0 | 97.2 | 79.9 | 65.8 | 56.6 | 53.5 | 51.4 | 49.7 | 48.3 | 47.1 |
| 77.5° | 76.9 | 73.2 | 64.5 | 53.3 | 45.8 | 41.5 | 39.6 | 38.5 | 37.6 | 36.9 | 35.8 |
| 80° | 57.7 | 55.2 | 46.5 | 38.0 | 34.9 | 32.7 | 31.7 | 30.3 | 30.3 | 29.6 | 28.5 |
| 82.5° | 42.2 | 39.5 | 31.9 | 27.9 | 26.1 | 24.9 | 24.0 | 23.2 | 22.9 | 23.1 | 22.3 |
| 85° | 22.1 | 17.9 | 15.8 | 15.2 | 14.0 | 13.4 | 13.8 | 13.0 | 13.0 | 13.0 | 12.6 |
| 87.5° | 7.3 | 6.3 | 6.4 | 6.5 | 7.4 | 8.1 | 8.5 | 9.2 | 10.2 | 9.9 | 10.1 |
| 90° | 2.7 | 4.7 | 6.6 | 8.6 | 11.4 | 15.0 | 18.6 | 22.1 | 25.8 | 25.4 | 25.2 |
| 92.5° | 14.5 | 16.0 | 17.4 | 18.9 | 20.0 | 20.8 | 21.7 | 22.6 | 23.5 | 23.5 | 23.6 |
| 95° | 40.0 | 41.6 | 43.3 | 44.9 | 45.8 | 46.2 | 46.5 | 46.8 | 47.1 | 47.1 | 47.1 |
| 97.5° | 71.4 | 72.9 | 74.3 | 75.8 | 76.8 | 77.4 | 78.0 | 78.6 | 79.3 | 79.3 | 79.3 |
| 100° | 94.9 | 96.1 | 97.5 | 98.8 | 99.7 | 100.2 | 100.7 | 101.1 | 101.7 | 101.7 | 101.7 |
| 102.5° | 119.3 | 120.5 | 121.5 | 122.5 | 123.4 | 123.9 | 124.6 | 125.2 | 125.8 | 125.9 | 126.1 |
| 105° | 158.9 | 159.4 | 159.9 | 160.3 | 160.8 | 161.1 | 161.5 | 161.7 | 162.1 | 162.4 | 162.8 |
| 107.5° | 199.5 | 200.2 | 201.0 | 201.6 | 202.0 | 202.0 | 202.0 | 202.0 | 202.0 | 202.2 | 202.3 |
| 110° | 225.6 | 226.7 | 227.6 | 228.7 | 229.1 | 229.1 | 229.1 | 229.1 | 229.1 | 229.1 | 229.1 |



TEST NUMBER: P331658-830

CATALOG NUMBER: SA2XXRDIP-C485D725U830-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 254.0 | 255.0 | 255.9 | 256.9 | 257.3 | 257.2 | 257.1 | 256.9 | 256.8 | 256.5 | 256.0 |
| 115° | 295.7 | 296.6 | 297.7 | 298.6 | 299.0 | 298.6 | 298.3 | 297.9 | 297.7 | 297.5 | 297.3 |
| 117.5° | 337.5 | 338.8 | 340.2 | 341.5 | 341.7 | 340.7 | 339.9 | 338.9 | 338.0 | 337.6 | 337.2 |
| 120° | 365.2 | 366.6 | 367.9 | 369.2 | 369.2 | 367.9 | 366.6 | 365.2 | 363.9 | 363.9 | 363.9 |
| 122.5° | 390.9 | 392.5 | 394.0 | 395.6 | 395.9 | 395.0 | 394.1 | 393.1 | 392.2 | 391.8 | 391.4 |
| 125° | 430.3 | 431.7 | 433.2 | 434.7 | 435.2 | 434.7 | 434.1 | 433.7 | 433.2 | 432.7 | 432.3 |
| 127.5° | 469.1 | 471.0 | 472.9 | 474.7 | 475.3 | 474.8 | 474.2 | 473.5 | 473.0 | 472.4 | 471.8 |
| 130° | 493.5 | 495.7 | 497.8 | 499.9 | 500.8 | 500.5 | 500.1 | 499.8 | 499.5 | 499.2 | 498.9 |
| 132.5° | 520.3 | 522.0 | 523.7 | 525.5 | 526.3 | 526.4 | 526.5 | 526.5 | 526.6 | 525.9 | 525.2 |
| 135° | 556.6 | 558.4 | 560.2 | 561.9 | 563.0 | 563.4 | 563.6 | 564.0 | 564.3 | 564.2 | 564.0 |
| 137.5° | 594.4 | 595.9 | 597.4 | 598.8 | 599.7 | 600.2 | 600.6 | 601.1 | 601.4 | 601.3 | 601.2 |
| 140° | 617.4 | 618.9 | 620.3 | 621.8 | 622.9 | 623.8 | 624.6 | 625.4 | 626.2 | 626.2 | 626.2 |
| 142.5° | 640.9 | 642.4 | 643.9 | 645.4 | 646.4 | 647.0 | 647.5 | 648.1 | 648.7 | 648.8 | 648.8 |
| 145° | 674.5 | 675.7 | 676.8 | 678.0 | 679.0 | 680.0 | 681.0 | 681.9 | 683.0 | 683.2 | 683.2 |
| 147.5° | 704.9 | 706.3 | 707.7 | 709.1 | 710.1 | 710.8 | 711.4 | 712.1 | 712.8 | 713.0 | 713.4 |
| 150° | 725.2 | 726.1 | 727.2 | 728.1 | 729.0 | 729.6 | 730.3 | 730.9 | 731.6 | 732.1 | 732.5 |
| 152.5° | 743.5 | 744.4 | 745.5 | 746.4 | 747.2 | 748.1 | 748.9 | 749.6 | 750.5 | 751.0 | 751.7 |
| 155° | 770.3 | 770.9 | 771.4 | 771.8 | 772.3 | 772.8 | 773.4 | 773.8 | 774.3 | 775.1 | 775.9 |
| 157.5° | 793.6 | 794.0 | 794.3 | 794.7 | 794.9 | 795.2 | 795.5 | 795.8 | 796.1 | 797.2 | 798.3 |
| 160° | 807.8 | 808.1 | 808.4 | 808.8 | 809.0 | 809.2 | 809.4 | 809.5 | 809.6 | 810.7 | 811.6 |
| 162.5° | 820.5 | 820.6 | 820.6 | 820.7 | 820.8 | 821.0 | 821.1 | 821.3 | 821.4 | 822.6 | 823.7 |
| 165° | 837.5 | 837.4 | 837.2 | 837.0 | 836.9 | 836.9 | 836.9 | 836.9 | 836.9 | 838.1 | 839.2 |
| 167.5° | 851.6 | 851.1 | 850.6 | 850.2 | 849.9 | 849.9 | 849.8 | 849.8 | 849.7 | 850.9 | 852.1 |
| 170° | 859.3 | 858.8 | 858.3 | 857.8 | 857.4 | 857.3 | 857.1 | 857.0 | 856.8 | 858.0 | 859.1 |
| 172.5° | 864.6 | 864.1 | 863.6 | 863.1 | 862.8 | 862.6 | 862.4 | 862.3 | 862.1 | 863.3 | 864.4 |
| 175° | 871.1 | 870.5 | 870.1 | 869.6 | 869.2 | 868.8 | 868.6 | 868.2 | 867.9 | 869.0 | 870.2 |
| 177.5° | 873.8 | 873.5 | 873.0 | 872.6 | 872.3 | 872.0 | 871.8 | 871.5 | 871.3 | 872.0 | 872.8 |
| 180° | 873.0 | 873.0 | 873.0 | 873.0 | 873.0 | 873.0 | 873.0 | 873.0 | 873.0 | 873.0 | 873.0 |



TEST NUMBER: P331658-830

CATALOG NUMBER: SA2XXRDIP-C485D725U830-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1013.0 | 1013.0 | 1013.0 | 1013.0 | 1013.0 | 1013.0 | 1013.0 |
| 2.5° | 1048.5 | 1052.2 | 1053.9 | 1053.9 | 1055.8 | 1055.0 | 1054.1 |
| 5° | 1108.7 | 1115.4 | 1116.8 | 1123.1 | 1127.8 | 1126.3 | 1127.0 |
| 7.5° | 1168.7 | 1179.4 | 1190.1 | 1194.9 | 1195.7 | 1198.5 | 1199.6 |
| 10° | 1205.5 | 1214.4 | 1230.9 | 1228.4 | 1240.8 | 1247.7 | 1236.1 |
| 12.5° | 1241.0 | 1252.9 | 1264.4 | 1267.5 | 1274.5 | 1276.8 | 1272.1 |
| 15° | 1273.1 | 1279.4 | 1280.2 | 1278.4 | 1280.5 | 1278.7 | 1272.1 |
| 17.5° | 1243.1 | 1232.8 | 1212.0 | 1202.1 | 1194.3 | 1182.8 | 1178.2 |
| 20° | 1193.5 | 1163.3 | 1128.1 | 1114.0 | 1097.5 | 1065.1 | 1072.8 |
| 22.5° | 1086.6 | 1052.1 | 1016.9 | 975.7 | 956.1 | 925.4 | 923.6 |
| 25° | 920.1 | 860.6 | 795.1 | 749.3 | 722.6 | 692.0 | 678.6 |
| 27.5° | 715.4 | 640.5 | 586.8 | 559.7 | 534.9 | 510.7 | 509.6 |
| 30° | 580.8 | 524.4 | 483.0 | 459.7 | 444.6 | 434.3 | 436.5 |
| 32.5° | 489.6 | 450.9 | 422.9 | 403.7 | 392.5 | 384.7 | 384.7 |
| 35° | 400.2 | 373.8 | 355.8 | 347.8 | 339.7 | 334.0 | 334.4 |
| 37.5° | 342.5 | 326.6 | 316.6 | 307.7 | 302.7 | 299.9 | 298.3 |
| 40° | 312.9 | 299.9 | 292.2 | 286.9 | 282.7 | 278.8 | 278.1 |
| 42.5° | 289.5 | 278.8 | 271.0 | 266.8 | 263.0 | 260.1 | 259.5 |
| 45° | 256.9 | 248.2 | 241.1 | 236.5 | 234.8 | 232.3 | 232.3 |
| 47.5° | 228.6 | 219.9 | 214.4 | 211.5 | 208.5 | 206.9 | 206.8 |
| 50° | 209.4 | 202.7 | 197.8 | 196.0 | 193.6 | 192.6 | 192.2 |
| 52.5° | 192.3 | 187.3 | 183.7 | 182.6 | 181.4 | 180.1 | 180.3 |
| 55° | 168.9 | 166.2 | 164.8 | 163.6 | 161.9 | 159.8 | 161.2 |
| 57.5° | 149.3 | 146.9 | 143.1 | 139.8 | 138.2 | 136.7 | 137.2 |
| 60° | 135.5 | 130.5 | 125.6 | 121.8 | 120.7 | 117.5 | 117.5 |
| 62.5° | 118.1 | 111.1 | 105.1 | 102.9 | 101.9 | 100.4 | 100.1 |
| 65° | 90.8 | 88.0 | 86.6 | 85.2 | 84.5 | 84.5 | 83.8 |
| 67.5° | 75.2 | 74.1 | 72.6 | 72.2 | 71.5 | 71.4 | 71.1 |
| 70° | 66.5 | 65.1 | 64.4 | 64.1 | 63.3 | 63.7 | 62.7 |
| 72.5° | 58.1 | 56.9 | 56.8 | 55.9 | 55.5 | 55.5 | 54.8 |
| 75° | 45.7 | 45.7 | 45.4 | 45.1 | 44.4 | 44.0 | 44.4 |
| 77.5° | 35.2 | 35.3 | 34.6 | 34.6 | 34.5 | 34.6 | 34.2 |
| 80° | 28.2 | 28.5 | 28.2 | 27.8 | 27.4 | 27.8 | 27.4 |
| 82.5° | 22.2 | 21.8 | 21.7 | 21.6 | 21.6 | 21.3 | 21.3 |
| 85° | 12.6 | 13.0 | 12.6 | 12.3 | 12.3 | 12.3 | 12.6 |
| 87.5° | 9.7 | 9.7 | 9.7 | 9.7 | 9.7 | 9.8 | 9.5 |
| 90° | 24.8 | 24.5 | 24.4 | 24.6 | 24.7 | 24.9 | 25.1 |
| 92.5° | 23.7 | 23.7 | 23.8 | 23.8 | 23.8 | 23.8 | 23.8 |
| 95° | 47.1 | 47.1 | 47.0 | 46.7 | 46.4 | 46.0 | 45.7 |
| 97.5° | 79.3 | 79.3 | 79.3 | 79.3 | 79.2 | 79.2 | 79.1 |
| 100° | 101.7 | 101.7 | 101.6 | 101.4 | 101.2 | 101.1 | 100.9 |
| 102.5° | 126.2 | 126.4 | 126.3 | 126.2 | 126.0 | 125.8 | 125.6 |
| 105° | 163.1 | 163.4 | 163.5 | 163.5 | 163.5 | 163.5 | 163.5 |
| 107.5° | 202.4 | 202.6 | 202.3 | 201.5 | 200.8 | 200.0 | 199.3 |
| 110° | 229.1 | 229.1 | 228.8 | 228.4 | 227.9 | 227.4 | 226.9 |



TEST NUMBER: P331658-830

CATALOG NUMBER: SA2XXRDIP-C485D725U830-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 255.6 | 255.2 | 254.9 | 254.5 | 254.1 | 253.8 | 253.4 |
| 115° | 297.2 | 297.0 | 296.6 | 296.1 | 295.7 | 295.2 | 294.7 |
| 117.5° | 336.9 | 336.4 | 336.0 | 335.5 | 335.0 | 334.5 | 334.0 |
| 120° | 363.9 | 363.9 | 363.7 | 363.2 | 362.7 | 362.2 | 361.7 |
| 122.5° | 391.1 | 390.7 | 390.3 | 389.9 | 389.6 | 389.2 | 388.9 |
| 125° | 431.7 | 431.2 | 430.9 | 430.7 | 430.6 | 430.5 | 430.3 |
| 127.5° | 471.2 | 470.6 | 470.0 | 469.6 | 469.0 | 468.5 | 468.0 |
| 130° | 498.5 | 498.2 | 497.7 | 497.0 | 496.4 | 495.8 | 495.1 |
| 132.5° | 524.4 | 523.8 | 523.1 | 522.5 | 522.1 | 521.5 | 521.0 |
| 135° | 563.8 | 563.6 | 563.4 | 562.9 | 562.4 | 561.8 | 561.4 |
| 137.5° | 601.1 | 601.0 | 600.6 | 599.9 | 599.3 | 598.6 | 597.9 |
| 140° | 626.2 | 626.2 | 625.8 | 625.3 | 624.6 | 624.0 | 623.3 |
| 142.5° | 649.0 | 649.1 | 648.8 | 648.2 | 647.5 | 647.0 | 646.3 |
| 145° | 683.4 | 683.6 | 683.3 | 682.7 | 682.0 | 681.4 | 680.7 |
| 147.5° | 713.8 | 714.2 | 714.1 | 713.4 | 712.8 | 712.2 | 711.5 |
| 150° | 733.0 | 733.6 | 733.6 | 733.0 | 732.5 | 732.1 | 731.6 |
| 152.5° | 752.3 | 752.9 | 752.9 | 752.3 | 751.7 | 751.0 | 750.5 |
| 155° | 776.7 | 777.6 | 777.8 | 777.2 | 776.7 | 776.3 | 775.8 |
| 157.5° | 799.5 | 800.6 | 800.7 | 799.9 | 799.2 | 798.3 | 797.6 |
| 160° | 812.7 | 813.6 | 813.8 | 813.1 | 812.5 | 811.8 | 811.2 |
| 162.5° | 824.8 | 826.0 | 826.0 | 825.3 | 824.5 | 823.7 | 822.9 |
| 165° | 840.4 | 841.5 | 841.7 | 840.8 | 840.0 | 839.2 | 838.4 |
| 167.5° | 853.2 | 854.3 | 854.5 | 853.7 | 852.8 | 852.0 | 851.1 |
| 170° | 860.3 | 861.4 | 861.5 | 860.5 | 859.5 | 858.6 | 857.5 |
| 172.5° | 865.5 | 866.7 | 866.8 | 865.8 | 864.8 | 863.8 | 862.9 |
| 175° | 871.3 | 872.4 | 872.5 | 871.6 | 870.5 | 869.6 | 868.6 |
| 177.5° | 873.6 | 874.4 | 874.4 | 873.6 | 872.8 | 872.0 | 871.3 |
| 180° | 873.0 | 873.0 | 873.0 | 873.0 | 873.0 | 873.0 | 873.0 |

(END OF REPORT)