

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: P331645-930

Luminaire Tested: **SA2XXRDIP-C485D330U930-4F0-1E-UDD-A**

Issue Date: 10/7/2019

Test Information

Test Method: LM-79-08
Report Number: P331645-930
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-2,
Test Lab: INNOVATION CENTER
Issue Date: 10/7/2019
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: NEO-RAY
Catalog Number: SA2XXRDIP-C485D330U930-4F0-1E-UDD-A
Description: DEFINE 2 DIRECT-INDIRECT PENDANT LED LUMINAIRE
DOWNLIGHT 485 LUMENS PER FOOT, ASYMMETRIC DIFFUSER, REGRESSED HOUSING
UPLIGHT 330 LUMENS PER FOOT, NO LENS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

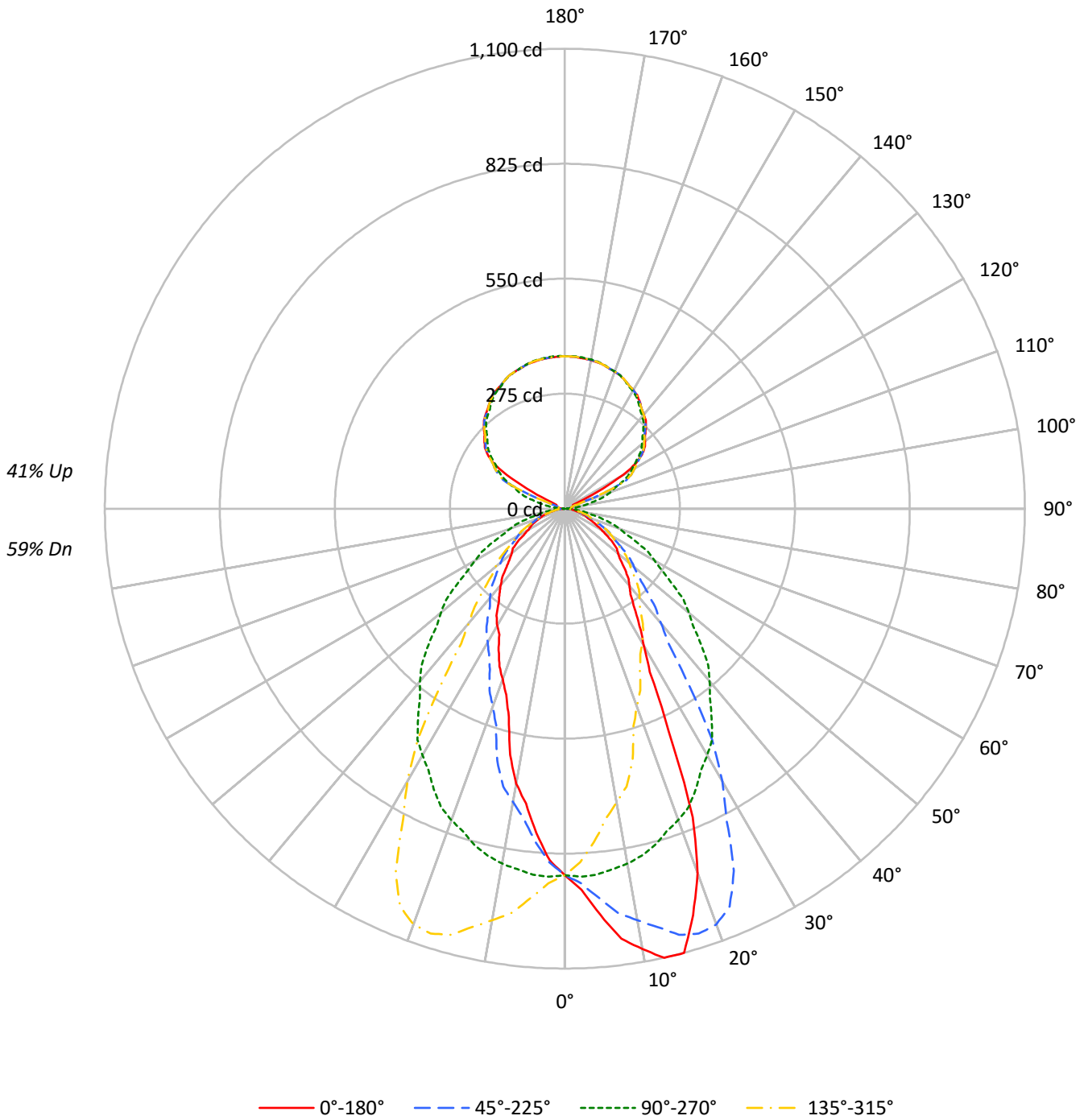
Lumens per Lamp: N/A
Luminaire Lumens: 2582.9 lumens
Efficiency: N/A
Efficacy: 93.9 lumens/watt
Spacing Criteria (0/90/45): 0.86 / 1.16 / 1.02
Luminous Opening: Rectangular (W 4' x L: 0.17' x H: 0')
CIE Type: General Diffuse

Input Watts (W): 27.5
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: P331645-930
CATALOG NUMBER: SA2XXRDIP-C485D330U930-4F0-1E-UDD-A

Luminous Intensity Polar Plot





TEST NUMBER: P331645-930

CATALOG NUMBER: SA2XXRDIP-C485D330U930-4F0-1E-UDD-A

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

| | | | | | | | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|---|
| RF | 20 | | | | | 20 | | | | | 20 | | | | | 20 | | | | | 20 | |
| RC | 80 | | | | | 70 | | | | | 50 | | | | | 30 | | | | | 10 | 0 |
| RW | 70 | 50 | 30 | 10 | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 0 | |
| RCR | | | | | | | | | | | | | | | | | | | | | | |
| 0 | 109 | 109 | 109 | 109 | 102 | 102 | 102 | 102 | 88 | 88 | 88 | 76 | 76 | 76 | 64 | 64 | 64 | 59 | | | | |
| 1 | 101 | 97 | 93 | 90 | 94 | 90 | 87 | 84 | 79 | 76 | 74 | 68 | 66 | 65 | 58 | 57 | 56 | 51 | | | | |
| 2 | 92 | 85 | 80 | 75 | 86 | 80 | 75 | 71 | 70 | 66 | 63 | 61 | 58 | 56 | 52 | 50 | 49 | 44 | | | | |
| 3 | 85 | 76 | 69 | 64 | 79 | 71 | 65 | 60 | 63 | 58 | 54 | 55 | 51 | 48 | 47 | 45 | 43 | 39 | | | | |
| 4 | 78 | 68 | 61 | 55 | 73 | 64 | 57 | 52 | 56 | 51 | 47 | 49 | 46 | 42 | 43 | 40 | 38 | 34 | | | | |
| 5 | 72 | 61 | 54 | 48 | 67 | 58 | 51 | 46 | 51 | 46 | 42 | 45 | 41 | 37 | 39 | 36 | 33 | 31 | | | | |
| 6 | 67 | 56 | 48 | 42 | 63 | 52 | 45 | 40 | 47 | 41 | 37 | 41 | 37 | 33 | 36 | 33 | 30 | 27 | | | | |
| 7 | 62 | 51 | 43 | 38 | 58 | 48 | 41 | 36 | 43 | 37 | 33 | 38 | 33 | 30 | 33 | 30 | 27 | 25 | | | | |
| 8 | 58 | 46 | 39 | 34 | 54 | 44 | 37 | 32 | 39 | 34 | 30 | 35 | 31 | 27 | 31 | 27 | 25 | 23 | | | | |
| 9 | 54 | 43 | 35 | 30 | 51 | 40 | 34 | 29 | 36 | 31 | 27 | 32 | 28 | 25 | 29 | 25 | 23 | 21 | | | | |
| 10 | 51 | 39 | 32 | 28 | 48 | 37 | 31 | 27 | 34 | 28 | 25 | 30 | 26 | 23 | 27 | 23 | 21 | 19 | | | | |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|-------|-------|-------|-------|
| 0° | 14149 | 14149 | 14149 | 14149 |
| 5° | 15801 | 14237 | 12624 | 14237 |
| 10° | 17531 | 14137 | 10942 | 14137 |
| 15° | 18392 | 13929 | 8622 | 13929 |
| 20° | 15945 | 13622 | 7459 | 13622 |
| 25° | 10457 | 13201 | 6661 | 13201 |
| 30° | 7040 | 12693 | 6027 | 12693 |
| 35° | 5702 | 12051 | 5436 | 12051 |
| 40° | 5069 | 11352 | 5031 | 11352 |
| 45° | 4590 | 10533 | 4491 | 10533 |
| 50° | 4175 | 9718 | 4160 | 9718 |
| 55° | 3924 | 8819 | 3873 | 8819 |
| 60° | 3284 | 7992 | 3242 | 7992 |
| 65° | 2770 | 7259 | 3140 | 7259 |
| 70° | 2559 | 6482 | 2960 | 6482 |
| 75° | 2395 | 5639 | 2739 | 5639 |
| 80° | 2204 | 4640 | 2436 | 4640 |
| 85° | 2019 | 3668 | 2149 | 3668 |



TEST NUMBER: P331645-930

CATALOG NUMBER: SA2XXRDIP-C485D330U930-4F0-1E-UDD-A

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 83.1 | 3.2 |
| 10°-20° | 231.5 | 9.0 |
| 20°-30° | 298.2 | 11.5 |
| 30°-40° | 283.4 | 11.0 |
| 40°-50° | 242.8 | 9.4 |
| 50°-60° | 184.9 | 7.2 |
| 60°-70° | 116.9 | 4.5 |
| 70°-80° | 58.4 | 2.3 |
| 80°-90° | 16.1 | 0.6 |
| 90°-100° | 12.1 | 0.5 |
| 100°-110° | 44.6 | 1.7 |
| 110°-120° | 119.1 | 4.6 |
| 120°-130° | 196.6 | 7.6 |
| 130°-140° | 209.1 | 8.1 |
| 140°-150° | 194.4 | 7.5 |
| 150°-160° | 156.3 | 6.1 |
| 160°-170° | 100.7 | 3.9 |
| 170°-180° | 34.7 | 1.3 |
| 0°-30° | 612.8 | 23.7 |
| 0°-40° | 896.2 | 34.7 |
| 0°-60° | 1323.9 | 51.3 |
| 0°-90° | 1515.2 | 58.7 |
| 90°-120° | 175.8 | 6.8 |
| 90°-150° | 776.0 | 30.0 |
| 90°-180° | 1068.0 | 41.3 |
| 0°-180° | 2582.9 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|------|-----|------|------|------|------|
| 0° | 876 | 876 | 876 | 876 | 876 | |
| 5° | 975 | 878 | 779 | 878 | 975 | 96 |
| 15° | 1100 | 833 | 516 | 833 | 1100 | 297 |
| 25° | 587 | 741 | 374 | 741 | 587 | 279 |
| 35° | 289 | 611 | 276 | 611 | 289 | 185 |
| 45° | 201 | 461 | 197 | 461 | 201 | 156 |
| 55° | 139 | 313 | 138 | 313 | 139 | 122 |
| 65° | 72 | 190 | 82 | 190 | 72 | 74 |
| 75° | 38 | 90 | 44 | 90 | 38 | 41 |
| 85° | 11 | 20 | 12 | 20 | 11 | 12 |
| 90° | 7 | 0 | 7 | 0 | 7 | 4 |
| 95° | 11 | 17 | 11 | 17 | 11 | 11 |
| 105° | 20 | 80 | 20 | 80 | 20 | 21 |
| 115° | 22 | 152 | 22 | 152 | 22 | 54 |
| 125° | 225 | 214 | 225 | 214 | 225 | 195 |
| 135° | 274 | 265 | 274 | 265 | 274 | 211 |
| 145° | 312 | 308 | 312 | 308 | 312 | 195 |
| 155° | 339 | 339 | 339 | 339 | 339 | 156 |
| 165° | 356 | 357 | 356 | 357 | 356 | 101 |
| 175° | 363 | 365 | 363 | 365 | 363 | 35 |
| 180° | 364 | 364 | 364 | 364 | 364 | |



TEST NUMBER: P331645-930

CATALOG NUMBER: SA2XXRDIP-C485D330U930-4F0-1E-UDD-A

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 876.3 | 876.3 | 876.3 | 876.3 | 876.3 | 876.3 | 876.3 | 876.3 | 876.3 | 876.3 | 876.3 |
| 2.5° | 911.8 | 912.6 | 913.3 | 911.6 | 911.6 | 910.1 | 906.9 | 904.5 | 897.6 | 896.7 | 896.7 |
| 5° | 974.9 | 974.3 | 975.5 | 971.5 | 966.0 | 964.8 | 959.0 | 951.5 | 943.5 | 934.7 | 932.9 |
| 7.5° | 1037.6 | 1036.7 | 1034.3 | 1033.6 | 1029.4 | 1020.2 | 1010.9 | 1000.9 | 987.8 | 974.9 | 968.5 |
| 10° | 1069.3 | 1079.3 | 1073.3 | 1062.6 | 1064.7 | 1050.4 | 1042.8 | 1029.7 | 1018.7 | 999.6 | 995.3 |
| 12.5° | 1100.4 | 1104.4 | 1102.4 | 1096.4 | 1093.7 | 1083.8 | 1073.5 | 1062.1 | 1041.9 | 1024.7 | 1009.7 |
| 15° | 1100.3 | 1106.1 | 1107.7 | 1105.8 | 1107.3 | 1106.7 | 1101.2 | 1091.8 | 1074.2 | 1055.2 | 1038.9 |
| 17.5° | 1019.1 | 1023.1 | 1033.1 | 1039.8 | 1048.4 | 1066.4 | 1075.3 | 1078.8 | 1076.1 | 1065.4 | 1053.8 |
| 20° | 928.0 | 921.3 | 949.3 | 963.6 | 975.8 | 1006.2 | 1032.4 | 1042.4 | 1058.6 | 1058.3 | 1055.2 |
| 22.5° | 798.9 | 800.5 | 827.0 | 844.0 | 879.6 | 910.0 | 939.9 | 977.7 | 1008.9 | 1029.6 | 1041.6 |
| 25° | 587.0 | 598.6 | 625.1 | 648.2 | 687.8 | 744.4 | 795.9 | 855.6 | 911.8 | 956.3 | 998.7 |
| 27.5° | 440.8 | 441.7 | 462.7 | 484.1 | 507.6 | 554.0 | 618.8 | 690.1 | 770.4 | 836.6 | 912.8 |
| 30° | 377.6 | 375.7 | 384.6 | 397.6 | 417.8 | 453.6 | 502.4 | 572.4 | 652.5 | 752.4 | 841.2 |
| 32.5° | 332.7 | 332.8 | 339.5 | 349.2 | 365.8 | 390.0 | 423.5 | 480.3 | 556.0 | 654.2 | 758.4 |
| 35° | 289.3 | 288.9 | 293.8 | 300.8 | 307.8 | 323.3 | 346.2 | 376.0 | 428.1 | 519.8 | 626.3 |
| 37.5° | 258.0 | 259.4 | 261.8 | 266.2 | 273.9 | 282.5 | 296.3 | 316.3 | 353.4 | 407.6 | 497.1 |
| 40° | 240.5 | 241.2 | 244.5 | 248.2 | 252.7 | 259.4 | 270.7 | 286.8 | 313.9 | 357.1 | 422.6 |
| 42.5° | 224.5 | 225.0 | 227.5 | 230.8 | 234.4 | 241.2 | 250.5 | 264.4 | 286.4 | 320.1 | 374.1 |
| 45° | 201.0 | 201.0 | 203.1 | 204.6 | 208.6 | 214.7 | 222.3 | 233.8 | 249.1 | 274.0 | 310.0 |
| 47.5° | 178.9 | 179.0 | 180.3 | 183.0 | 185.5 | 190.2 | 197.7 | 207.2 | 218.3 | 237.6 | 268.2 |
| 50° | 166.2 | 166.6 | 167.5 | 169.6 | 171.1 | 175.4 | 181.2 | 189.4 | 201.0 | 215.9 | 241.4 |
| 52.5° | 156.0 | 155.8 | 156.9 | 157.9 | 158.9 | 162.0 | 166.3 | 173.6 | 183.9 | 196.9 | 218.1 |
| 55° | 139.4 | 138.2 | 140.1 | 141.5 | 142.5 | 143.7 | 146.1 | 150.7 | 159.6 | 170.5 | 186.3 |
| 57.5° | 118.7 | 118.2 | 119.5 | 120.9 | 123.8 | 127.1 | 129.1 | 132.1 | 136.6 | 144.5 | 160.2 |
| 60° | 101.7 | 101.7 | 104.4 | 105.3 | 108.7 | 112.9 | 117.2 | 119.7 | 124.3 | 129.4 | 141.0 |
| 62.5° | 86.6 | 86.8 | 88.1 | 89.0 | 90.9 | 96.1 | 102.2 | 107.5 | 111.8 | 116.8 | 124.4 |
| 65° | 72.5 | 73.1 | 73.1 | 73.7 | 74.9 | 76.1 | 78.5 | 82.8 | 90.4 | 97.4 | 103.2 |
| 67.5° | 61.5 | 61.7 | 61.9 | 62.5 | 62.8 | 64.1 | 65.1 | 67.0 | 68.7 | 75.4 | 82.6 |
| 70° | 54.2 | 55.1 | 54.8 | 55.4 | 55.7 | 56.3 | 57.6 | 58.5 | 61.2 | 62.7 | 67.0 |
| 72.5° | 47.4 | 48.0 | 48.0 | 48.3 | 49.2 | 49.2 | 50.2 | 51.1 | 52.9 | 54.2 | 56.5 |
| 75° | 38.4 | 38.1 | 38.4 | 39.0 | 39.3 | 39.5 | 39.5 | 40.8 | 41.7 | 43.0 | 44.4 |
| 77.5° | 29.6 | 29.9 | 29.8 | 29.9 | 29.9 | 30.5 | 30.4 | 31.0 | 31.9 | 32.5 | 33.3 |
| 80° | 23.7 | 24.1 | 23.7 | 24.1 | 24.4 | 24.6 | 24.4 | 24.6 | 25.6 | 26.2 | 26.2 |
| 82.5° | 18.4 | 18.4 | 18.7 | 18.7 | 18.8 | 18.8 | 19.2 | 19.3 | 20.0 | 19.8 | 20.1 |
| 85° | 10.9 | 10.7 | 10.7 | 10.7 | 10.9 | 11.3 | 10.9 | 10.9 | 11.3 | 11.3 | 11.3 |
| 87.5° | 5.3 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.4 | 5.5 | 5.2 | 5.5 | 5.1 |
| 90° | 7.1 | 7.0 | 6.8 | 6.8 | 6.7 | 6.4 | 6.1 | 5.9 | 5.5 | 5.3 | 4.8 |
| 92.5° | 7.1 | 7.0 | 7.0 | 6.9 | 6.8 | 6.7 | 6.6 | 6.4 | 6.3 | 6.1 | 5.9 |
| 95° | 11.3 | 11.4 | 11.4 | 11.5 | 11.6 | 11.4 | 11.2 | 10.8 | 10.6 | 10.3 | 9.9 |
| 97.5° | 15.2 | 15.1 | 15.0 | 14.9 | 14.8 | 14.7 | 14.4 | 14.3 | 14.0 | 13.8 | 12.8 |
| 100° | 17.7 | 17.5 | 17.4 | 17.3 | 17.2 | 16.9 | 16.5 | 16.0 | 15.5 | 15.0 | 14.0 |
| 102.5° | 18.9 | 18.8 | 18.6 | 18.4 | 18.3 | 17.9 | 17.3 | 16.6 | 16.1 | 15.4 | 23.8 |
| 105° | 20.1 | 19.8 | 19.6 | 19.3 | 19.1 | 18.7 | 18.0 | 17.4 | 16.7 | 16.1 | 32.0 |
| 107.5° | 20.6 | 20.4 | 20.1 | 19.9 | 19.6 | 19.9 | 20.5 | 21.2 | 21.9 | 22.5 | 41.7 |
| 110° | 20.8 | 20.6 | 20.4 | 20.1 | 19.9 | 22.7 | 28.5 | 34.4 | 40.3 | 46.1 | 63.0 |



TEST NUMBER: P331645-930

CATALOG NUMBER: SA2XXRDIP-C485D330U930-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 21.0 | 20.9 | 20.6 | 20.5 | 20.3 | 30.9 | 52.3 | 73.6 | 95.0 | 116.3 | 120.5 |
| 115° | 21.6 | 25.8 | 30.1 | 34.2 | 38.5 | 54.1 | 81.3 | 108.4 | 135.5 | 162.7 | 161.2 |
| 117.5° | 88.3 | 102.2 | 116.0 | 129.9 | 143.7 | 153.9 | 160.5 | 167.1 | 173.6 | 180.2 | 179.1 |
| 120° | 160.8 | 168.7 | 176.6 | 184.5 | 192.4 | 196.0 | 195.3 | 194.6 | 194.0 | 193.2 | 192.2 |
| 122.5° | 200.6 | 202.2 | 203.7 | 205.3 | 206.8 | 207.3 | 206.9 | 206.5 | 206.1 | 205.7 | 204.6 |
| 125° | 225.3 | 225.2 | 225.0 | 224.9 | 224.7 | 224.4 | 224.0 | 223.6 | 223.1 | 222.7 | 221.6 |
| 127.5° | 241.0 | 240.9 | 240.9 | 240.9 | 240.8 | 240.5 | 239.9 | 239.4 | 238.7 | 238.1 | 237.3 |
| 130° | 250.7 | 250.8 | 250.8 | 250.9 | 250.9 | 250.6 | 250.0 | 249.3 | 248.7 | 248.1 | 247.4 |
| 132.5° | 260.2 | 260.2 | 260.3 | 260.3 | 260.4 | 260.2 | 259.6 | 259.1 | 258.5 | 258.0 | 257.3 |
| 135° | 273.9 | 274.0 | 274.1 | 274.3 | 274.3 | 274.1 | 273.5 | 273.0 | 272.4 | 271.8 | 271.3 |
| 137.5° | 286.4 | 286.6 | 286.8 | 287.0 | 287.1 | 287.0 | 286.4 | 285.8 | 285.3 | 284.7 | 284.1 |
| 140° | 294.2 | 294.5 | 294.8 | 295.1 | 295.4 | 295.2 | 294.7 | 294.2 | 293.7 | 293.1 | 292.5 |
| 142.5° | 301.7 | 302.1 | 302.4 | 302.6 | 303.0 | 302.9 | 302.4 | 301.9 | 301.4 | 300.9 | 300.2 |
| 145° | 312.3 | 312.7 | 313.0 | 313.2 | 313.6 | 313.5 | 313.1 | 312.7 | 312.3 | 311.9 | 310.9 |
| 147.5° | 321.7 | 322.0 | 322.2 | 322.5 | 322.7 | 322.7 | 322.4 | 322.0 | 321.7 | 321.5 | 320.5 |
| 150° | 327.4 | 327.7 | 328.0 | 328.3 | 328.6 | 328.6 | 328.2 | 327.8 | 327.5 | 327.2 | 326.2 |
| 152.5° | 332.2 | 332.6 | 333.0 | 333.4 | 333.8 | 333.8 | 333.5 | 333.1 | 332.7 | 332.4 | 331.5 |
| 155° | 339.0 | 339.5 | 340.0 | 340.4 | 340.9 | 341.0 | 340.6 | 340.2 | 339.9 | 339.5 | 338.8 |
| 157.5° | 345.2 | 345.6 | 346.1 | 346.5 | 347.0 | 347.0 | 346.7 | 346.3 | 345.8 | 345.4 | 345.0 |
| 160° | 348.8 | 349.2 | 349.6 | 350.0 | 350.4 | 350.4 | 350.1 | 349.8 | 349.4 | 349.0 | 348.7 |
| 162.5° | 351.7 | 352.2 | 352.7 | 353.2 | 353.8 | 353.8 | 353.4 | 352.9 | 352.6 | 352.2 | 351.9 |
| 165° | 356.1 | 356.5 | 356.9 | 357.3 | 357.8 | 357.8 | 357.3 | 356.9 | 356.5 | 356.1 | 356.0 |
| 167.5° | 358.9 | 359.5 | 360.0 | 360.5 | 361.0 | 361.1 | 360.7 | 360.3 | 359.9 | 359.5 | 359.3 |
| 170° | 360.6 | 361.2 | 361.7 | 362.2 | 362.7 | 362.8 | 362.4 | 362.0 | 361.6 | 361.2 | 361.0 |
| 172.5° | 361.9 | 362.4 | 363.0 | 363.5 | 364.0 | 364.0 | 363.6 | 363.2 | 362.8 | 362.4 | 362.3 |
| 175° | 363.0 | 363.5 | 364.2 | 364.8 | 365.3 | 365.4 | 365.0 | 364.6 | 364.2 | 363.8 | 363.7 |
| 177.5° | 363.7 | 364.1 | 364.5 | 364.9 | 365.3 | 365.4 | 365.1 | 364.8 | 364.4 | 364.1 | 364.0 |
| 180° | 364.3 | 364.3 | 364.3 | 364.3 | 364.3 | 364.3 | 364.3 | 364.3 | 364.3 | 364.3 | 364.3 |



TEST NUMBER: P331645-930

CATALOG NUMBER: SA2XXRDIP-C485D330U930-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 876.3 | 876.3 | 876.3 | 876.3 | 876.3 | 876.3 | 876.3 | 876.3 | 876.3 | 876.3 | 876.3 |
| 2.5° | 897.2 | 895.3 | 893.6 | 889.2 | 887.0 | 882.1 | 881.3 | 881.1 | 874.8 | 868.7 | 867.0 |
| 5° | 928.0 | 923.2 | 915.8 | 907.3 | 898.5 | 889.3 | 883.2 | 878.4 | 866.2 | 854.6 | 847.9 |
| 7.5° | 959.0 | 948.6 | 936.0 | 919.8 | 906.4 | 891.3 | 880.1 | 870.0 | 852.7 | 836.2 | 825.0 |
| 10° | 982.2 | 965.2 | 948.4 | 926.2 | 908.8 | 891.8 | 876.0 | 862.3 | 842.8 | 820.8 | 805.3 |
| 12.5° | 996.5 | 977.8 | 954.7 | 933.0 | 910.5 | 888.8 | 867.6 | 850.0 | 827.2 | 804.5 | 786.0 |
| 15° | 1016.0 | 995.9 | 967.9 | 936.9 | 907.9 | 879.6 | 855.2 | 833.3 | 803.5 | 776.4 | 753.8 |
| 17.5° | 1031.9 | 1004.2 | 974.1 | 938.2 | 904.7 | 868.8 | 837.4 | 809.3 | 776.2 | 743.5 | 717.0 |
| 20° | 1037.0 | 1009.6 | 974.9 | 939.0 | 899.4 | 857.0 | 823.3 | 792.8 | 757.2 | 721.5 | 691.1 |
| 22.5° | 1033.8 | 1012.5 | 973.9 | 930.9 | 890.4 | 846.1 | 808.0 | 772.6 | 733.1 | 696.8 | 661.5 |
| 25° | 1012.4 | 1005.0 | 968.5 | 921.6 | 875.3 | 823.9 | 779.8 | 741.0 | 696.0 | 657.0 | 618.6 |
| 27.5° | 962.2 | 978.0 | 955.4 | 905.4 | 853.9 | 798.7 | 749.2 | 705.2 | 658.4 | 614.5 | 576.3 |
| 30° | 914.0 | 950.2 | 940.4 | 894.2 | 836.7 | 782.4 | 726.8 | 680.8 | 630.9 | 585.8 | 548.0 |
| 32.5° | 848.0 | 907.8 | 917.4 | 878.6 | 819.1 | 759.5 | 701.2 | 655.4 | 603.3 | 555.8 | 519.0 |
| 35° | 742.9 | 832.4 | 873.5 | 848.8 | 789.1 | 725.0 | 664.6 | 611.4 | 559.0 | 512.1 | 475.6 |
| 37.5° | 617.5 | 739.4 | 808.0 | 809.7 | 754.9 | 688.1 | 622.5 | 569.6 | 515.9 | 469.9 | 430.4 |
| 40° | 536.1 | 668.3 | 757.5 | 777.3 | 731.0 | 658.8 | 592.5 | 538.6 | 486.2 | 441.2 | 395.8 |
| 42.5° | 463.1 | 594.8 | 704.4 | 738.8 | 702.1 | 630.4 | 563.8 | 507.4 | 456.5 | 413.8 | 367.5 |
| 45° | 374.5 | 489.6 | 610.4 | 672.0 | 651.6 | 585.1 | 514.9 | 461.3 | 413.4 | 376.6 | 332.2 |
| 47.5° | 315.9 | 397.1 | 514.0 | 597.2 | 596.8 | 536.2 | 467.1 | 415.7 | 371.4 | 336.9 | 300.8 |
| 50° | 282.5 | 353.2 | 452.2 | 546.5 | 554.4 | 503.6 | 437.8 | 386.9 | 345.6 | 309.3 | 280.4 |
| 52.5° | 252.6 | 310.8 | 399.7 | 490.2 | 512.7 | 468.7 | 405.0 | 358.0 | 317.8 | 284.5 | 259.7 |
| 55° | 213.4 | 258.4 | 326.1 | 410.7 | 444.8 | 413.8 | 357.1 | 313.3 | 280.7 | 252.7 | 231.4 |
| 57.5° | 180.5 | 214.3 | 268.6 | 336.7 | 376.4 | 356.9 | 310.2 | 274.6 | 246.7 | 221.4 | 204.6 |
| 60° | 159.9 | 187.5 | 233.5 | 290.5 | 334.3 | 320.6 | 280.7 | 247.5 | 223.8 | 201.9 | 186.1 |
| 62.5° | 140.4 | 164.2 | 203.6 | 249.8 | 290.0 | 284.3 | 251.8 | 223.9 | 203.1 | 183.1 | 169.7 |
| 65° | 112.9 | 130.3 | 161.0 | 197.3 | 229.6 | 232.3 | 208.9 | 190.0 | 171.4 | 155.6 | 143.7 |
| 67.5° | 89.9 | 101.3 | 122.9 | 153.4 | 177.7 | 186.3 | 171.9 | 157.5 | 142.8 | 130.5 | 120.3 |
| 70° | 75.8 | 85.0 | 100.8 | 125.5 | 147.7 | 156.8 | 148.5 | 137.3 | 124.5 | 114.5 | 105.7 |
| 72.5° | 61.5 | 70.4 | 82.0 | 100.1 | 119.2 | 129.1 | 126.2 | 118.1 | 107.7 | 99.4 | 91.1 |
| 75° | 46.3 | 49.0 | 56.9 | 69.1 | 84.1 | 92.5 | 94.7 | 90.4 | 82.2 | 75.8 | 70.9 |
| 77.5° | 34.2 | 35.9 | 39.6 | 46.1 | 55.8 | 63.3 | 66.5 | 66.0 | 60.3 | 56.7 | 52.1 |
| 80° | 27.4 | 28.3 | 30.2 | 32.9 | 40.2 | 47.8 | 49.9 | 49.9 | 46.0 | 44.4 | 39.9 |
| 82.5° | 20.8 | 21.5 | 22.6 | 24.1 | 27.6 | 34.2 | 36.5 | 37.0 | 34.5 | 32.5 | 28.9 |
| 85° | 11.9 | 11.6 | 12.1 | 13.1 | 13.7 | 15.5 | 19.2 | 19.8 | 19.2 | 16.7 | 15.8 |
| 87.5° | 5.0 | 5.1 | 5.1 | 4.7 | 4.8 | 5.0 | 6.0 | 7.1 | 6.3 | 5.7 | 5.3 |
| 90° | 4.3 | 3.8 | 3.4 | 2.9 | 2.2 | 1.5 | 0.9 | 0.2 | 0.9 | 1.5 | 2.2 |
| 92.5° | 5.6 | 5.4 | 5.2 | 5.1 | 5.1 | 5.2 | 5.3 | 5.3 | 5.3 | 5.2 | 5.1 |
| 95° | 9.5 | 9.0 | 8.6 | 9.4 | 11.3 | 13.3 | 15.2 | 17.1 | 15.2 | 13.3 | 11.3 |
| 97.5° | 11.8 | 10.9 | 9.9 | 12.2 | 17.7 | 23.1 | 28.5 | 34.0 | 28.5 | 23.1 | 17.7 |
| 100° | 13.0 | 12.1 | 11.0 | 14.6 | 22.6 | 30.6 | 38.6 | 46.6 | 38.6 | 30.6 | 22.6 |
| 102.5° | 32.1 | 40.4 | 48.8 | 53.8 | 55.5 | 57.2 | 58.9 | 60.6 | 58.9 | 57.2 | 55.5 |
| 105° | 48.1 | 64.1 | 80.1 | 87.2 | 85.4 | 83.6 | 81.9 | 80.1 | 81.9 | 83.6 | 85.4 |
| 107.5° | 60.9 | 80.1 | 99.2 | 108.1 | 106.7 | 105.3 | 103.9 | 102.4 | 103.9 | 105.3 | 106.7 |
| 110° | 80.0 | 96.9 | 113.8 | 121.7 | 120.5 | 119.3 | 118.0 | 116.8 | 118.0 | 119.3 | 120.5 |



TEST NUMBER: P331645-930

CATALOG NUMBER: SA2XXRDIP-C485D330U930-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 124.7 | 128.9 | 133.1 | 134.6 | 133.5 | 132.5 | 131.3 | 130.3 | 131.3 | 132.5 | 133.5 |
| 115° | 159.7 | 158.2 | 156.8 | 155.6 | 154.6 | 153.6 | 152.5 | 151.6 | 152.5 | 153.6 | 154.6 |
| 117.5° | 178.1 | 177.2 | 176.1 | 175.0 | 174.0 | 172.8 | 171.7 | 170.6 | 171.7 | 172.8 | 174.0 |
| 120° | 191.1 | 190.0 | 189.0 | 188.0 | 187.2 | 186.3 | 185.4 | 184.5 | 185.4 | 186.3 | 187.2 |
| 122.5° | 203.3 | 202.2 | 201.1 | 200.1 | 199.1 | 198.2 | 197.3 | 196.3 | 197.3 | 198.2 | 199.1 |
| 125° | 220.5 | 219.4 | 218.3 | 217.4 | 216.6 | 215.8 | 215.1 | 214.3 | 215.1 | 215.8 | 216.6 |
| 127.5° | 236.5 | 235.6 | 234.8 | 234.0 | 233.2 | 232.3 | 231.5 | 230.6 | 231.5 | 232.3 | 233.2 |
| 130° | 246.8 | 246.1 | 245.5 | 244.7 | 243.8 | 242.8 | 241.9 | 240.9 | 241.9 | 242.8 | 243.8 |
| 132.5° | 256.7 | 256.0 | 255.4 | 254.7 | 253.9 | 253.1 | 252.3 | 251.5 | 252.3 | 253.1 | 253.9 |
| 135° | 270.8 | 270.2 | 269.7 | 269.0 | 268.0 | 267.1 | 266.1 | 265.2 | 266.1 | 267.1 | 268.0 |
| 137.5° | 283.5 | 282.9 | 282.3 | 281.7 | 281.0 | 280.4 | 279.7 | 279.1 | 279.7 | 280.4 | 281.0 |
| 140° | 291.9 | 291.2 | 290.6 | 290.0 | 289.5 | 289.0 | 288.6 | 288.1 | 288.6 | 289.0 | 289.5 |
| 142.5° | 299.5 | 298.7 | 298.0 | 297.4 | 297.0 | 296.5 | 296.1 | 295.7 | 296.1 | 296.5 | 297.0 |
| 145° | 309.9 | 308.8 | 307.9 | 307.4 | 307.4 | 307.5 | 307.6 | 307.6 | 307.6 | 307.5 | 307.4 |
| 147.5° | 319.5 | 318.5 | 317.5 | 317.2 | 317.3 | 317.6 | 317.8 | 318.0 | 317.8 | 317.6 | 317.3 |
| 150° | 325.3 | 324.3 | 323.4 | 323.1 | 323.5 | 323.9 | 324.3 | 324.7 | 324.3 | 323.9 | 323.5 |
| 152.5° | 330.6 | 329.7 | 328.8 | 328.6 | 329.1 | 329.5 | 330.0 | 330.4 | 330.0 | 329.5 | 329.1 |
| 155° | 338.1 | 337.5 | 336.7 | 336.6 | 337.1 | 337.7 | 338.2 | 338.8 | 338.2 | 337.7 | 337.1 |
| 157.5° | 344.5 | 344.0 | 343.5 | 343.4 | 343.9 | 344.3 | 344.8 | 345.2 | 344.8 | 344.3 | 343.9 |
| 160° | 348.3 | 348.0 | 347.6 | 347.6 | 348.0 | 348.3 | 348.7 | 349.0 | 348.7 | 348.3 | 348.0 |
| 162.5° | 351.6 | 351.2 | 351.0 | 351.0 | 351.3 | 351.7 | 352.0 | 352.4 | 352.0 | 351.7 | 351.3 |
| 165° | 355.8 | 355.6 | 355.5 | 355.6 | 355.9 | 356.2 | 356.6 | 356.9 | 356.6 | 356.2 | 355.9 |
| 167.5° | 359.1 | 359.0 | 358.8 | 358.9 | 359.2 | 359.6 | 360.0 | 360.3 | 360.0 | 359.6 | 359.2 |
| 170° | 360.9 | 360.8 | 360.7 | 360.8 | 361.2 | 361.5 | 361.8 | 362.2 | 361.8 | 361.5 | 361.2 |
| 172.5° | 362.2 | 362.1 | 361.9 | 362.1 | 362.4 | 362.7 | 363.1 | 363.5 | 363.1 | 362.7 | 362.4 |
| 175° | 363.5 | 363.5 | 363.3 | 363.5 | 363.9 | 364.3 | 364.7 | 365.1 | 364.7 | 364.3 | 363.9 |
| 177.5° | 364.0 | 363.9 | 363.9 | 364.0 | 364.4 | 364.7 | 365.0 | 365.3 | 365.0 | 364.7 | 364.4 |
| 180° | 364.3 | 364.3 | 364.3 | 364.3 | 364.3 | 364.3 | 364.3 | 364.3 | 364.3 | 364.3 | 364.3 |



TEST NUMBER: P331645-930

CATALOG NUMBER: SA2XXRDIP-C485D330U930-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 876.3 | 876.3 | 876.3 | 876.3 | 876.3 | 876.3 | 876.3 | 876.3 | 876.3 | 876.3 | 876.3 |
| 2.5° | 863.8 | 862.1 | 858.9 | 854.1 | 851.2 | 846.0 | 842.6 | 844.6 | 845.1 | 844.6 | 844.1 |
| 5° | 840.7 | 834.2 | 825.4 | 816.8 | 808.9 | 800.5 | 795.6 | 793.4 | 789.1 | 786.8 | 785.5 |
| 7.5° | 812.5 | 801.5 | 789.0 | 774.2 | 761.6 | 748.4 | 741.6 | 738.3 | 729.5 | 724.8 | 720.6 |
| 10° | 791.6 | 774.2 | 761.7 | 742.2 | 730.4 | 713.1 | 701.2 | 701.5 | 689.6 | 682.9 | 678.0 |
| 12.5° | 768.5 | 749.4 | 728.6 | 711.1 | 694.6 | 680.7 | 666.3 | 660.6 | 647.9 | 641.5 | 628.4 |
| 15° | 730.1 | 707.8 | 686.0 | 662.2 | 645.5 | 623.9 | 603.2 | 577.9 | 557.5 | 539.8 | 534.9 |
| 17.5° | 688.2 | 660.7 | 638.7 | 610.8 | 582.1 | 545.8 | 521.8 | 507.1 | 494.8 | 485.5 | 478.6 |
| 20° | 659.5 | 631.4 | 608.1 | 566.0 | 527.3 | 502.6 | 485.0 | 473.8 | 461.0 | 450.9 | 445.4 |
| 22.5° | 629.2 | 600.1 | 568.1 | 521.1 | 491.1 | 471.2 | 455.5 | 442.5 | 433.9 | 426.1 | 421.1 |
| 25° | 586.4 | 554.4 | 501.7 | 469.4 | 445.2 | 424.4 | 413.4 | 405.5 | 396.4 | 385.7 | 380.9 |
| 27.5° | 541.1 | 490.2 | 452.4 | 428.4 | 405.2 | 391.8 | 381.9 | 370.1 | 361.9 | 357.1 | 352.0 |
| 30° | 507.2 | 456.4 | 426.9 | 400.6 | 384.3 | 369.3 | 357.8 | 351.1 | 343.2 | 334.9 | 331.6 |
| 32.5° | 469.4 | 428.8 | 400.6 | 378.8 | 362.1 | 349.4 | 340.2 | 329.4 | 323.7 | 318.6 | 311.6 |
| 35° | 422.6 | 391.8 | 366.0 | 348.3 | 332.5 | 322.1 | 311.4 | 305.1 | 294.7 | 290.5 | 287.7 |
| 37.5° | 382.9 | 356.2 | 336.9 | 318.3 | 305.7 | 294.3 | 287.8 | 277.6 | 273.1 | 267.2 | 261.4 |
| 40° | 360.4 | 334.3 | 315.8 | 300.5 | 286.5 | 277.9 | 269.8 | 261.5 | 254.9 | 252.1 | 245.1 |
| 42.5° | 337.6 | 316.3 | 297.7 | 281.0 | 271.7 | 262.6 | 252.3 | 246.2 | 239.2 | 234.8 | 230.5 |
| 45° | 306.0 | 287.1 | 271.3 | 257.6 | 247.2 | 237.8 | 231.1 | 221.0 | 217.1 | 208.2 | 204.6 |
| 47.5° | 278.2 | 260.7 | 245.6 | 232.5 | 222.4 | 216.3 | 206.5 | 198.6 | 192.3 | 186.9 | 182.2 |
| 50° | 258.4 | 243.9 | 229.3 | 217.7 | 208.6 | 199.7 | 189.7 | 185.7 | 175.9 | 173.3 | 170.5 |
| 52.5° | 240.4 | 226.6 | 213.2 | 201.9 | 192.7 | 184.2 | 175.3 | 170.2 | 163.5 | 160.8 | 158.8 |
| 55° | 215.2 | 201.9 | 189.1 | 179.0 | 169.9 | 161.0 | 155.6 | 149.2 | 146.1 | 144.0 | 141.5 |
| 57.5° | 189.9 | 177.9 | 168.0 | 157.9 | 148.7 | 141.7 | 135.3 | 131.5 | 128.3 | 125.6 | 122.6 |
| 60° | 173.8 | 162.2 | 153.4 | 144.0 | 134.6 | 128.8 | 123.9 | 119.4 | 115.7 | 111.5 | 110.2 |
| 62.5° | 156.8 | 146.7 | 138.6 | 129.4 | 121.2 | 115.9 | 111.3 | 107.0 | 102.6 | 96.4 | 94.7 |
| 65° | 133.4 | 125.5 | 116.9 | 109.3 | 102.0 | 96.9 | 90.1 | 85.3 | 83.4 | 82.8 | 82.5 |
| 67.5° | 112.2 | 104.7 | 97.3 | 89.6 | 82.9 | 78.1 | 74.7 | 73.9 | 72.7 | 72.3 | 71.5 |
| 70° | 98.0 | 91.1 | 83.7 | 76.4 | 70.0 | 69.1 | 67.9 | 66.7 | 65.1 | 64.6 | 63.9 |
| 72.5° | 85.4 | 78.1 | 70.8 | 65.0 | 62.2 | 61.1 | 59.8 | 58.6 | 57.6 | 57.0 | 56.7 |
| 75° | 65.5 | 58.8 | 53.9 | 51.8 | 50.2 | 49.3 | 47.5 | 46.6 | 46.0 | 45.1 | 44.8 |
| 77.5° | 47.1 | 43.4 | 41.1 | 39.8 | 38.2 | 37.2 | 36.2 | 35.2 | 34.6 | 34.4 | 33.9 |
| 80° | 36.0 | 34.1 | 32.6 | 30.7 | 30.2 | 28.9 | 28.6 | 27.7 | 28.0 | 27.1 | 27.1 |
| 82.5° | 27.9 | 25.6 | 24.3 | 23.5 | 22.8 | 21.9 | 21.5 | 21.1 | 21.2 | 20.5 | 20.5 |
| 85° | 14.3 | 13.7 | 13.1 | 12.5 | 12.5 | 11.6 | 11.9 | 11.6 | 11.6 | 10.9 | 10.7 |
| 87.5° | 5.2 | 5.1 | 4.6 | 4.7 | 4.9 | 4.7 | 4.7 | 4.6 | 4.6 | 4.7 | 4.5 |
| 90° | 2.9 | 3.4 | 3.8 | 4.3 | 4.8 | 5.3 | 5.5 | 5.9 | 6.1 | 6.4 | 6.7 |
| 92.5° | 5.1 | 5.2 | 5.4 | 5.6 | 5.9 | 6.1 | 6.3 | 6.4 | 6.6 | 6.7 | 6.8 |
| 95° | 9.4 | 8.6 | 9.0 | 9.5 | 9.9 | 10.3 | 10.6 | 10.8 | 11.2 | 11.4 | 11.6 |
| 97.5° | 12.2 | 9.9 | 10.9 | 11.8 | 12.8 | 13.8 | 14.0 | 14.3 | 14.4 | 14.7 | 14.8 |
| 100° | 14.6 | 11.0 | 12.1 | 13.0 | 14.0 | 15.0 | 15.5 | 16.0 | 16.5 | 16.9 | 17.2 |
| 102.5° | 53.8 | 48.8 | 40.4 | 32.1 | 23.8 | 15.4 | 16.1 | 16.6 | 17.3 | 17.9 | 18.3 |
| 105° | 87.2 | 80.1 | 64.1 | 48.1 | 32.0 | 16.1 | 16.7 | 17.4 | 18.0 | 18.7 | 19.1 |
| 107.5° | 108.1 | 99.2 | 80.1 | 60.9 | 41.7 | 22.5 | 21.9 | 21.2 | 20.5 | 19.9 | 19.6 |
| 110° | 121.7 | 113.8 | 96.9 | 80.0 | 63.0 | 46.1 | 40.3 | 34.4 | 28.5 | 22.7 | 19.9 |



TEST NUMBER: P331645-930

CATALOG NUMBER: SA2XXRDIP-C485D330U930-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 134.6 | 133.1 | 128.9 | 124.7 | 120.5 | 116.3 | 95.0 | 73.6 | 52.3 | 30.9 | 20.3 |
| 115° | 155.6 | 156.8 | 158.2 | 159.7 | 161.2 | 162.7 | 135.5 | 108.4 | 81.3 | 54.1 | 38.5 |
| 117.5° | 175.0 | 176.1 | 177.2 | 178.1 | 179.1 | 180.2 | 173.6 | 167.1 | 160.5 | 153.9 | 143.7 |
| 120° | 188.0 | 189.0 | 190.0 | 191.1 | 192.2 | 193.2 | 194.0 | 194.6 | 195.3 | 196.0 | 192.4 |
| 122.5° | 200.1 | 201.1 | 202.2 | 203.3 | 204.6 | 205.7 | 206.1 | 206.5 | 206.9 | 207.3 | 206.8 |
| 125° | 217.4 | 218.3 | 219.4 | 220.5 | 221.6 | 222.7 | 223.1 | 223.6 | 224.0 | 224.4 | 224.7 |
| 127.5° | 234.0 | 234.8 | 235.6 | 236.5 | 237.3 | 238.1 | 238.7 | 239.4 | 239.9 | 240.5 | 240.8 |
| 130° | 244.7 | 245.5 | 246.1 | 246.8 | 247.4 | 248.1 | 248.7 | 249.3 | 250.0 | 250.6 | 250.9 |
| 132.5° | 254.7 | 255.4 | 256.0 | 256.7 | 257.3 | 258.0 | 258.5 | 259.1 | 259.6 | 260.2 | 260.4 |
| 135° | 269.0 | 269.7 | 270.2 | 270.8 | 271.3 | 271.8 | 272.4 | 273.0 | 273.5 | 274.1 | 274.3 |
| 137.5° | 281.7 | 282.3 | 282.9 | 283.5 | 284.1 | 284.7 | 285.3 | 285.8 | 286.4 | 287.0 | 287.1 |
| 140° | 290.0 | 290.6 | 291.2 | 291.9 | 292.5 | 293.1 | 293.7 | 294.2 | 294.7 | 295.2 | 295.4 |
| 142.5° | 297.4 | 298.0 | 298.7 | 299.5 | 300.2 | 300.9 | 301.4 | 301.9 | 302.4 | 302.9 | 303.0 |
| 145° | 307.4 | 307.9 | 308.8 | 309.9 | 310.9 | 311.9 | 312.3 | 312.7 | 313.1 | 313.5 | 313.6 |
| 147.5° | 317.2 | 317.5 | 318.5 | 319.5 | 320.5 | 321.5 | 321.7 | 322.0 | 322.4 | 322.7 | 322.7 |
| 150° | 323.1 | 323.4 | 324.3 | 325.3 | 326.2 | 327.2 | 327.5 | 327.8 | 328.2 | 328.6 | 328.6 |
| 152.5° | 328.6 | 328.8 | 329.7 | 330.6 | 331.5 | 332.4 | 332.7 | 333.1 | 333.5 | 333.8 | 333.8 |
| 155° | 336.6 | 336.7 | 337.5 | 338.1 | 338.8 | 339.5 | 339.9 | 340.2 | 340.6 | 341.0 | 340.9 |
| 157.5° | 343.4 | 343.5 | 344.0 | 344.5 | 345.0 | 345.4 | 345.8 | 346.3 | 346.7 | 347.0 | 347.0 |
| 160° | 347.6 | 347.6 | 348.0 | 348.3 | 348.7 | 349.0 | 349.4 | 349.8 | 350.1 | 350.4 | 350.4 |
| 162.5° | 351.0 | 351.0 | 351.2 | 351.6 | 351.9 | 352.2 | 352.6 | 352.9 | 353.4 | 353.8 | 353.8 |
| 165° | 355.6 | 355.5 | 355.6 | 355.8 | 356.0 | 356.1 | 356.5 | 356.9 | 357.3 | 357.8 | 357.8 |
| 167.5° | 358.9 | 358.8 | 359.0 | 359.1 | 359.3 | 359.5 | 359.9 | 360.3 | 360.7 | 361.1 | 361.0 |
| 170° | 360.8 | 360.7 | 360.8 | 360.9 | 361.0 | 361.2 | 361.6 | 362.0 | 362.4 | 362.8 | 362.7 |
| 172.5° | 362.1 | 361.9 | 362.1 | 362.2 | 362.3 | 362.4 | 362.8 | 363.2 | 363.6 | 364.0 | 364.0 |
| 175° | 363.5 | 363.3 | 363.5 | 363.5 | 363.7 | 363.8 | 364.2 | 364.6 | 365.0 | 365.4 | 365.3 |
| 177.5° | 364.0 | 363.9 | 363.9 | 364.0 | 364.0 | 364.1 | 364.4 | 364.8 | 365.1 | 365.4 | 365.3 |
| 180° | 364.3 | 364.3 | 364.3 | 364.3 | 364.3 | 364.3 | 364.3 | 364.3 | 364.3 | 364.3 | 364.3 |



TEST NUMBER: P331645-930

CATALOG NUMBER: SA2XXRDIP-C485D330U930-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 876.3 | 876.3 | 876.3 | 876.3 | 876.3 | 876.3 | 876.3 | 876.3 | 876.3 | 876.3 | 876.3 |
| 2.5° | 841.4 | 841.9 | 841.1 | 841.6 | 841.1 | 841.9 | 841.4 | 844.1 | 844.6 | 845.1 | 844.6 |
| 5° | 784.0 | 780.3 | 779.8 | 778.9 | 779.8 | 780.3 | 784.0 | 785.5 | 786.8 | 789.1 | 793.4 |
| 7.5° | 715.4 | 714.9 | 713.4 | 711.2 | 713.4 | 714.9 | 715.4 | 720.6 | 724.8 | 729.5 | 738.3 |
| 10° | 671.3 | 669.8 | 669.5 | 667.4 | 669.5 | 669.8 | 671.3 | 678.0 | 682.9 | 689.6 | 701.5 |
| 12.5° | 619.7 | 609.9 | 608.9 | 603.6 | 608.9 | 609.9 | 619.7 | 628.4 | 641.5 | 647.9 | 660.6 |
| 15° | 527.7 | 525.8 | 519.8 | 515.8 | 519.8 | 525.8 | 527.7 | 534.9 | 539.8 | 557.5 | 577.9 |
| 17.5° | 475.0 | 469.0 | 467.2 | 466.4 | 467.2 | 469.0 | 475.0 | 478.6 | 485.5 | 494.8 | 507.1 |
| 20° | 441.2 | 435.7 | 434.8 | 434.1 | 434.8 | 435.7 | 441.2 | 445.4 | 450.9 | 461.0 | 473.8 |
| 22.5° | 417.8 | 412.1 | 409.7 | 407.9 | 409.7 | 412.1 | 417.8 | 421.1 | 426.1 | 433.9 | 442.5 |
| 25° | 377.8 | 375.7 | 374.5 | 373.9 | 374.5 | 375.7 | 377.8 | 380.9 | 385.7 | 396.4 | 405.5 |
| 27.5° | 346.6 | 341.9 | 341.0 | 339.4 | 341.0 | 341.9 | 346.6 | 352.0 | 357.1 | 361.9 | 370.1 |
| 30° | 328.8 | 327.3 | 325.1 | 323.3 | 325.1 | 327.3 | 328.8 | 331.6 | 334.9 | 343.2 | 351.1 |
| 32.5° | 307.9 | 306.6 | 304.7 | 303.9 | 304.7 | 306.6 | 307.9 | 311.6 | 318.6 | 323.7 | 329.4 |
| 35° | 284.7 | 280.4 | 278.6 | 275.8 | 278.6 | 280.4 | 284.7 | 287.7 | 290.5 | 294.7 | 305.1 |
| 37.5° | 260.2 | 257.9 | 255.4 | 256.2 | 255.4 | 257.9 | 260.2 | 261.4 | 267.2 | 273.1 | 277.6 |
| 40° | 241.2 | 239.6 | 239.0 | 238.7 | 239.0 | 239.6 | 241.2 | 245.1 | 252.1 | 254.9 | 261.5 |
| 42.5° | 226.0 | 221.8 | 220.2 | 220.2 | 220.2 | 221.8 | 226.0 | 230.5 | 234.8 | 239.2 | 246.2 |
| 45° | 203.1 | 199.1 | 196.4 | 196.7 | 196.4 | 199.1 | 203.1 | 204.6 | 208.2 | 217.1 | 221.0 |
| 47.5° | 179.6 | 179.4 | 177.7 | 178.3 | 177.7 | 179.4 | 179.6 | 182.2 | 186.9 | 192.3 | 198.6 |
| 50° | 168.4 | 166.6 | 165.3 | 165.6 | 165.3 | 166.6 | 168.4 | 170.5 | 173.3 | 175.9 | 185.7 |
| 52.5° | 157.7 | 156.0 | 155.1 | 156.4 | 155.1 | 156.0 | 157.7 | 158.8 | 160.8 | 163.5 | 170.2 |
| 55° | 140.1 | 138.2 | 137.9 | 137.6 | 137.9 | 138.2 | 140.1 | 141.5 | 144.0 | 146.1 | 149.2 |
| 57.5° | 120.4 | 119.2 | 117.3 | 116.6 | 117.3 | 119.2 | 120.4 | 122.6 | 125.6 | 128.3 | 131.5 |
| 60° | 106.2 | 103.8 | 100.8 | 100.4 | 100.8 | 103.8 | 106.2 | 110.2 | 111.5 | 115.7 | 119.4 |
| 62.5° | 93.4 | 92.9 | 92.3 | 92.2 | 92.3 | 92.9 | 93.4 | 94.7 | 96.4 | 102.6 | 107.0 |
| 65° | 81.9 | 81.6 | 81.9 | 82.2 | 81.9 | 81.6 | 81.9 | 82.5 | 82.8 | 83.4 | 85.3 |
| 67.5° | 71.3 | 70.8 | 70.3 | 70.5 | 70.3 | 70.8 | 71.3 | 71.5 | 72.3 | 72.7 | 73.9 |
| 70° | 63.3 | 63.0 | 62.7 | 62.7 | 62.7 | 63.0 | 63.3 | 63.9 | 64.6 | 65.1 | 66.7 |
| 72.5° | 55.5 | 55.4 | 55.2 | 55.0 | 55.2 | 55.4 | 55.5 | 56.7 | 57.0 | 57.6 | 58.6 |
| 75° | 44.4 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 44.4 | 44.8 | 45.1 | 46.0 | 46.6 |
| 77.5° | 33.8 | 33.6 | 33.3 | 33.0 | 33.3 | 33.6 | 33.8 | 33.9 | 34.4 | 34.6 | 35.2 |
| 80° | 26.8 | 26.5 | 26.2 | 26.2 | 26.2 | 26.5 | 26.8 | 27.1 | 27.1 | 28.0 | 27.7 |
| 82.5° | 20.5 | 20.1 | 20.1 | 19.8 | 20.1 | 20.1 | 20.5 | 20.5 | 20.5 | 21.2 | 21.1 |
| 85° | 10.9 | 11.3 | 10.9 | 11.6 | 10.9 | 11.3 | 10.9 | 10.7 | 10.9 | 11.6 | 11.6 |
| 87.5° | 4.5 | 4.3 | 4.6 | 4.3 | 4.6 | 4.3 | 4.5 | 4.5 | 4.7 | 4.6 | 4.6 |
| 90° | 6.8 | 6.8 | 7.0 | 7.1 | 7.0 | 6.8 | 6.8 | 6.7 | 6.4 | 6.1 | 5.9 |
| 92.5° | 6.9 | 7.0 | 7.0 | 7.1 | 7.0 | 7.0 | 6.9 | 6.8 | 6.7 | 6.6 | 6.4 |
| 95° | 11.5 | 11.4 | 11.4 | 11.3 | 11.4 | 11.4 | 11.5 | 11.6 | 11.4 | 11.2 | 10.8 |
| 97.5° | 14.9 | 15.0 | 15.1 | 15.2 | 15.1 | 15.0 | 14.9 | 14.8 | 14.7 | 14.4 | 14.3 |
| 100° | 17.3 | 17.4 | 17.5 | 17.7 | 17.5 | 17.4 | 17.3 | 17.2 | 16.9 | 16.5 | 16.0 |
| 102.5° | 18.4 | 18.6 | 18.8 | 18.9 | 18.8 | 18.6 | 18.4 | 18.3 | 17.9 | 17.3 | 16.6 |
| 105° | 19.3 | 19.6 | 19.8 | 20.1 | 19.8 | 19.6 | 19.3 | 19.1 | 18.7 | 18.0 | 17.4 |
| 107.5° | 19.9 | 20.1 | 20.4 | 20.6 | 20.4 | 20.1 | 19.9 | 19.6 | 19.9 | 20.5 | 21.2 |
| 110° | 20.1 | 20.4 | 20.6 | 20.8 | 20.6 | 20.4 | 20.1 | 19.9 | 22.7 | 28.5 | 34.4 |



TEST NUMBER: P331645-930

CATALOG NUMBER: SA2XXRDIP-C485D330U930-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 20.5 | 20.6 | 20.9 | 21.0 | 20.9 | 20.6 | 20.5 | 20.3 | 30.9 | 52.3 | 73.6 |
| 115° | 34.2 | 30.1 | 25.8 | 21.6 | 25.8 | 30.1 | 34.2 | 38.5 | 54.1 | 81.3 | 108.4 |
| 117.5° | 129.9 | 116.0 | 102.2 | 88.3 | 102.2 | 116.0 | 129.9 | 143.7 | 153.9 | 160.5 | 167.1 |
| 120° | 184.5 | 176.6 | 168.7 | 160.8 | 168.7 | 176.6 | 184.5 | 192.4 | 196.0 | 195.3 | 194.6 |
| 122.5° | 205.3 | 203.7 | 202.2 | 200.6 | 202.2 | 203.7 | 205.3 | 206.8 | 207.3 | 206.9 | 206.5 |
| 125° | 224.9 | 225.0 | 225.2 | 225.3 | 225.2 | 225.0 | 224.9 | 224.7 | 224.4 | 224.0 | 223.6 |
| 127.5° | 240.9 | 240.9 | 240.9 | 241.0 | 240.9 | 240.9 | 240.9 | 240.8 | 240.5 | 239.9 | 239.4 |
| 130° | 250.9 | 250.8 | 250.8 | 250.7 | 250.8 | 250.8 | 250.9 | 250.9 | 250.6 | 250.0 | 249.3 |
| 132.5° | 260.3 | 260.3 | 260.2 | 260.2 | 260.2 | 260.3 | 260.3 | 260.4 | 260.2 | 259.6 | 259.1 |
| 135° | 274.3 | 274.1 | 274.0 | 273.9 | 274.0 | 274.1 | 274.3 | 274.3 | 274.1 | 273.5 | 273.0 |
| 137.5° | 287.0 | 286.8 | 286.6 | 286.4 | 286.6 | 286.8 | 287.0 | 287.1 | 287.0 | 286.4 | 285.8 |
| 140° | 295.1 | 294.8 | 294.5 | 294.2 | 294.5 | 294.8 | 295.1 | 295.4 | 295.2 | 294.7 | 294.2 |
| 142.5° | 302.6 | 302.4 | 302.1 | 301.7 | 302.1 | 302.4 | 302.6 | 303.0 | 302.9 | 302.4 | 301.9 |
| 145° | 313.2 | 313.0 | 312.7 | 312.3 | 312.7 | 313.0 | 313.2 | 313.6 | 313.5 | 313.1 | 312.7 |
| 147.5° | 322.5 | 322.2 | 322.0 | 321.7 | 322.0 | 322.2 | 322.5 | 322.7 | 322.7 | 322.4 | 322.0 |
| 150° | 328.3 | 328.0 | 327.7 | 327.4 | 327.7 | 328.0 | 328.3 | 328.6 | 328.6 | 328.2 | 327.8 |
| 152.5° | 333.4 | 333.0 | 332.6 | 332.2 | 332.6 | 333.0 | 333.4 | 333.8 | 333.8 | 333.5 | 333.1 |
| 155° | 340.4 | 340.0 | 339.5 | 339.0 | 339.5 | 340.0 | 340.4 | 340.9 | 341.0 | 340.6 | 340.2 |
| 157.5° | 346.5 | 346.1 | 345.6 | 345.2 | 345.6 | 346.1 | 346.5 | 347.0 | 347.0 | 346.7 | 346.3 |
| 160° | 350.0 | 349.6 | 349.2 | 348.8 | 349.2 | 349.6 | 350.0 | 350.4 | 350.4 | 350.1 | 349.8 |
| 162.5° | 353.2 | 352.7 | 352.2 | 351.7 | 352.2 | 352.7 | 353.2 | 353.8 | 353.8 | 353.4 | 352.9 |
| 165° | 357.3 | 356.9 | 356.5 | 356.1 | 356.5 | 356.9 | 357.3 | 357.8 | 357.8 | 357.3 | 356.9 |
| 167.5° | 360.5 | 360.0 | 359.5 | 358.9 | 359.5 | 360.0 | 360.5 | 361.0 | 361.1 | 360.7 | 360.3 |
| 170° | 362.2 | 361.7 | 361.2 | 360.6 | 361.2 | 361.7 | 362.2 | 362.7 | 362.8 | 362.4 | 362.0 |
| 172.5° | 363.5 | 363.0 | 362.4 | 361.9 | 362.4 | 363.0 | 363.5 | 364.0 | 364.0 | 363.6 | 363.2 |
| 175° | 364.8 | 364.2 | 363.5 | 363.0 | 363.5 | 364.2 | 364.8 | 365.3 | 365.4 | 365.0 | 364.6 |
| 177.5° | 364.9 | 364.5 | 364.1 | 363.7 | 364.1 | 364.5 | 364.9 | 365.3 | 365.4 | 365.1 | 364.8 |
| 180° | 364.3 | 364.3 | 364.3 | 364.3 | 364.3 | 364.3 | 364.3 | 364.3 | 364.3 | 364.3 | 364.3 |



TEST NUMBER: P331645-930

CATALOG NUMBER: SA2XXRDIP-C485D330U930-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 876.3 | 876.3 | 876.3 | 876.3 | 876.3 | 876.3 | 876.3 | 876.3 | 876.3 | 876.3 | 876.3 |
| 2.5° | 842.6 | 846.0 | 851.2 | 854.1 | 858.9 | 862.1 | 863.8 | 867.0 | 868.7 | 874.8 | 881.1 |
| 5° | 795.6 | 800.5 | 808.9 | 816.8 | 825.4 | 834.2 | 840.7 | 847.9 | 854.6 | 866.2 | 878.4 |
| 7.5° | 741.6 | 748.4 | 761.6 | 774.2 | 789.0 | 801.5 | 812.5 | 825.0 | 836.2 | 852.7 | 870.0 |
| 10° | 701.2 | 713.1 | 730.4 | 742.2 | 761.7 | 774.2 | 791.6 | 805.3 | 820.8 | 842.8 | 862.3 |
| 12.5° | 666.3 | 680.7 | 694.6 | 711.1 | 728.6 | 749.4 | 768.5 | 786.0 | 804.5 | 827.2 | 850.0 |
| 15° | 603.2 | 623.9 | 645.5 | 662.2 | 686.0 | 707.8 | 730.1 | 753.8 | 776.4 | 803.5 | 833.3 |
| 17.5° | 521.8 | 545.8 | 582.1 | 610.8 | 638.7 | 660.7 | 688.2 | 717.0 | 743.5 | 776.2 | 809.3 |
| 20° | 485.0 | 502.6 | 527.3 | 566.0 | 608.1 | 631.4 | 659.5 | 691.1 | 721.5 | 757.2 | 792.8 |
| 22.5° | 455.5 | 471.2 | 491.1 | 521.1 | 568.1 | 600.1 | 629.2 | 661.5 | 696.8 | 733.1 | 772.6 |
| 25° | 413.4 | 424.4 | 445.2 | 469.4 | 501.7 | 554.4 | 586.4 | 618.6 | 657.0 | 696.0 | 741.0 |
| 27.5° | 381.9 | 391.8 | 405.2 | 428.4 | 452.4 | 490.2 | 541.1 | 576.3 | 614.5 | 658.4 | 705.2 |
| 30° | 357.8 | 369.3 | 384.3 | 400.6 | 426.9 | 456.4 | 507.2 | 548.0 | 585.8 | 630.9 | 680.8 |
| 32.5° | 340.2 | 349.4 | 362.1 | 378.8 | 400.6 | 428.8 | 469.4 | 519.0 | 555.8 | 603.3 | 655.4 |
| 35° | 311.4 | 322.1 | 332.5 | 348.3 | 366.0 | 391.8 | 422.6 | 475.6 | 512.1 | 559.0 | 611.4 |
| 37.5° | 287.8 | 294.3 | 305.7 | 318.3 | 336.9 | 356.2 | 382.9 | 430.4 | 469.9 | 515.9 | 569.6 |
| 40° | 269.8 | 277.9 | 286.5 | 300.5 | 315.8 | 334.3 | 360.4 | 395.8 | 441.2 | 486.2 | 538.6 |
| 42.5° | 252.3 | 262.6 | 271.7 | 281.0 | 297.7 | 316.3 | 337.6 | 367.5 | 413.8 | 456.5 | 507.4 |
| 45° | 231.1 | 237.8 | 247.2 | 257.6 | 271.3 | 287.1 | 306.0 | 332.2 | 376.6 | 413.4 | 461.3 |
| 47.5° | 206.5 | 216.3 | 222.4 | 232.5 | 245.6 | 260.7 | 278.2 | 300.8 | 336.9 | 371.4 | 415.7 |
| 50° | 189.7 | 199.7 | 208.6 | 217.7 | 229.3 | 243.9 | 258.4 | 280.4 | 309.3 | 345.6 | 386.9 |
| 52.5° | 175.3 | 184.2 | 192.7 | 201.9 | 213.2 | 226.6 | 240.4 | 259.7 | 284.5 | 317.8 | 358.0 |
| 55° | 155.6 | 161.0 | 169.9 | 179.0 | 189.1 | 201.9 | 215.2 | 231.4 | 252.7 | 280.7 | 313.3 |
| 57.5° | 135.3 | 141.7 | 148.7 | 157.9 | 168.0 | 177.9 | 189.9 | 204.6 | 221.4 | 246.7 | 274.6 |
| 60° | 123.9 | 128.8 | 134.6 | 144.0 | 153.4 | 162.2 | 173.8 | 186.1 | 201.9 | 223.8 | 247.5 |
| 62.5° | 111.3 | 115.9 | 121.2 | 129.4 | 138.6 | 146.7 | 156.8 | 169.7 | 183.1 | 203.1 | 223.9 |
| 65° | 90.1 | 96.9 | 102.0 | 109.3 | 116.9 | 125.5 | 133.4 | 143.7 | 155.6 | 171.4 | 190.0 |
| 67.5° | 74.7 | 78.1 | 82.9 | 89.6 | 97.3 | 104.7 | 112.2 | 120.3 | 130.5 | 142.8 | 157.5 |
| 70° | 67.9 | 69.1 | 70.0 | 76.4 | 83.7 | 91.1 | 98.0 | 105.7 | 114.5 | 124.5 | 137.3 |
| 72.5° | 59.8 | 61.1 | 62.2 | 65.0 | 70.8 | 78.1 | 85.4 | 91.1 | 99.4 | 107.7 | 118.1 |
| 75° | 47.5 | 49.3 | 50.2 | 51.8 | 53.9 | 58.8 | 65.5 | 70.9 | 75.8 | 82.2 | 90.4 |
| 77.5° | 36.2 | 37.2 | 38.2 | 39.8 | 41.1 | 43.4 | 47.1 | 52.1 | 56.7 | 60.3 | 66.0 |
| 80° | 28.6 | 28.9 | 30.2 | 30.7 | 32.6 | 34.1 | 36.0 | 39.9 | 44.4 | 46.0 | 49.9 |
| 82.5° | 21.5 | 21.9 | 22.8 | 23.5 | 24.3 | 25.6 | 27.9 | 28.9 | 32.5 | 34.5 | 37.0 |
| 85° | 11.9 | 11.6 | 12.5 | 12.5 | 13.1 | 13.7 | 14.3 | 15.8 | 16.7 | 19.2 | 19.8 |
| 87.5° | 4.7 | 4.7 | 4.9 | 4.7 | 4.6 | 5.1 | 5.2 | 5.3 | 5.7 | 6.3 | 7.1 |
| 90° | 5.5 | 5.3 | 4.8 | 4.3 | 3.8 | 3.4 | 2.9 | 2.2 | 1.5 | 0.9 | 0.2 |
| 92.5° | 6.3 | 6.1 | 5.9 | 5.6 | 5.4 | 5.2 | 5.1 | 5.1 | 5.2 | 5.3 | 5.3 |
| 95° | 10.6 | 10.3 | 9.9 | 9.5 | 9.0 | 8.6 | 9.4 | 11.3 | 13.3 | 15.2 | 17.1 |
| 97.5° | 14.0 | 13.8 | 12.8 | 11.8 | 10.9 | 9.9 | 12.2 | 17.7 | 23.1 | 28.5 | 34.0 |
| 100° | 15.5 | 15.0 | 14.0 | 13.0 | 12.1 | 11.0 | 14.6 | 22.6 | 30.6 | 38.6 | 46.6 |
| 102.5° | 16.1 | 15.4 | 23.8 | 32.1 | 40.4 | 48.8 | 53.8 | 55.5 | 57.2 | 58.9 | 60.6 |
| 105° | 16.7 | 16.1 | 32.0 | 48.1 | 64.1 | 80.1 | 87.2 | 85.4 | 83.6 | 81.9 | 80.1 |
| 107.5° | 21.9 | 22.5 | 41.7 | 60.9 | 80.1 | 99.2 | 108.1 | 106.7 | 105.3 | 103.9 | 102.4 |
| 110° | 40.3 | 46.1 | 63.0 | 80.0 | 96.9 | 113.8 | 121.7 | 120.5 | 119.3 | 118.0 | 116.8 |



TEST NUMBER: P331645-930

CATALOG NUMBER: SA2XXRDIP-C485D330U930-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 95.0 | 116.3 | 120.5 | 124.7 | 128.9 | 133.1 | 134.6 | 133.5 | 132.5 | 131.3 | 130.3 |
| 115° | 135.5 | 162.7 | 161.2 | 159.7 | 158.2 | 156.8 | 155.6 | 154.6 | 153.6 | 152.5 | 151.6 |
| 117.5° | 173.6 | 180.2 | 179.1 | 178.1 | 177.2 | 176.1 | 175.0 | 174.0 | 172.8 | 171.7 | 170.6 |
| 120° | 194.0 | 193.2 | 192.2 | 191.1 | 190.0 | 189.0 | 188.0 | 187.2 | 186.3 | 185.4 | 184.5 |
| 122.5° | 206.1 | 205.7 | 204.6 | 203.3 | 202.2 | 201.1 | 200.1 | 199.1 | 198.2 | 197.3 | 196.3 |
| 125° | 223.1 | 222.7 | 221.6 | 220.5 | 219.4 | 218.3 | 217.4 | 216.6 | 215.8 | 215.1 | 214.3 |
| 127.5° | 238.7 | 238.1 | 237.3 | 236.5 | 235.6 | 234.8 | 234.0 | 233.2 | 232.3 | 231.5 | 230.6 |
| 130° | 248.7 | 248.1 | 247.4 | 246.8 | 246.1 | 245.5 | 244.7 | 243.8 | 242.8 | 241.9 | 240.9 |
| 132.5° | 258.5 | 258.0 | 257.3 | 256.7 | 256.0 | 255.4 | 254.7 | 253.9 | 253.1 | 252.3 | 251.5 |
| 135° | 272.4 | 271.8 | 271.3 | 270.8 | 270.2 | 269.7 | 269.0 | 268.0 | 267.1 | 266.1 | 265.2 |
| 137.5° | 285.3 | 284.7 | 284.1 | 283.5 | 282.9 | 282.3 | 281.7 | 281.0 | 280.4 | 279.7 | 279.1 |
| 140° | 293.7 | 293.1 | 292.5 | 291.9 | 291.2 | 290.6 | 290.0 | 289.5 | 289.0 | 288.6 | 288.1 |
| 142.5° | 301.4 | 300.9 | 300.2 | 299.5 | 298.7 | 298.0 | 297.4 | 297.0 | 296.5 | 296.1 | 295.7 |
| 145° | 312.3 | 311.9 | 310.9 | 309.9 | 308.8 | 307.9 | 307.4 | 307.4 | 307.5 | 307.6 | 307.6 |
| 147.5° | 321.7 | 321.5 | 320.5 | 319.5 | 318.5 | 317.5 | 317.2 | 317.3 | 317.6 | 317.8 | 318.0 |
| 150° | 327.5 | 327.2 | 326.2 | 325.3 | 324.3 | 323.4 | 323.1 | 323.5 | 323.9 | 324.3 | 324.7 |
| 152.5° | 332.7 | 332.4 | 331.5 | 330.6 | 329.7 | 328.8 | 328.6 | 329.1 | 329.5 | 330.0 | 330.4 |
| 155° | 339.9 | 339.5 | 338.8 | 338.1 | 337.5 | 336.7 | 336.6 | 337.1 | 337.7 | 338.2 | 338.8 |
| 157.5° | 345.8 | 345.4 | 345.0 | 344.5 | 344.0 | 343.5 | 343.4 | 343.9 | 344.3 | 344.8 | 345.2 |
| 160° | 349.4 | 349.0 | 348.7 | 348.3 | 348.0 | 347.6 | 347.6 | 348.0 | 348.3 | 348.7 | 349.0 |
| 162.5° | 352.6 | 352.2 | 351.9 | 351.6 | 351.2 | 351.0 | 351.0 | 351.3 | 351.7 | 352.0 | 352.4 |
| 165° | 356.5 | 356.1 | 356.0 | 355.8 | 355.6 | 355.5 | 355.6 | 355.9 | 356.2 | 356.6 | 356.9 |
| 167.5° | 359.9 | 359.5 | 359.3 | 359.1 | 359.0 | 358.8 | 358.9 | 359.2 | 359.6 | 360.0 | 360.3 |
| 170° | 361.6 | 361.2 | 361.0 | 360.9 | 360.8 | 360.7 | 360.8 | 361.2 | 361.5 | 361.8 | 362.2 |
| 172.5° | 362.8 | 362.4 | 362.3 | 362.2 | 362.1 | 361.9 | 362.1 | 362.4 | 362.7 | 363.1 | 363.5 |
| 175° | 364.2 | 363.8 | 363.7 | 363.5 | 363.5 | 363.3 | 363.5 | 363.9 | 364.3 | 364.7 | 365.1 |
| 177.5° | 364.4 | 364.1 | 364.0 | 364.0 | 363.9 | 363.9 | 364.0 | 364.4 | 364.7 | 365.0 | 365.3 |
| 180° | 364.3 | 364.3 | 364.3 | 364.3 | 364.3 | 364.3 | 364.3 | 364.3 | 364.3 | 364.3 | 364.3 |



TEST NUMBER: P331645-930

CATALOG NUMBER: SA2XXRDIP-C485D330U930-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|
| 0° | 876.3 | 876.3 | 876.3 | 876.3 | 876.3 | 876.3 | 876.3 | 876.3 | 876.3 | 876.3 | 876.3 |
| 2.5° | 881.3 | 882.1 | 887.0 | 889.2 | 893.6 | 895.3 | 897.2 | 896.7 | 896.7 | 897.6 | 904.5 |
| 5° | 883.2 | 889.3 | 898.5 | 907.3 | 915.8 | 923.2 | 928.0 | 932.9 | 934.7 | 943.5 | 951.5 |
| 7.5° | 880.1 | 891.3 | 906.4 | 919.8 | 936.0 | 948.6 | 959.0 | 968.5 | 974.9 | 987.8 | 1000.9 |
| 10° | 876.0 | 891.8 | 908.8 | 926.2 | 948.4 | 965.2 | 982.2 | 995.3 | 999.6 | 1018.7 | 1029.7 |
| 12.5° | 867.6 | 888.8 | 910.5 | 933.0 | 954.7 | 977.8 | 996.5 | 1009.7 | 1024.7 | 1041.9 | 1062.1 |
| 15° | 855.2 | 879.6 | 907.9 | 936.9 | 967.9 | 995.9 | 1016.0 | 1038.9 | 1055.2 | 1074.2 | 1091.8 |
| 17.5° | 837.4 | 868.8 | 904.7 | 938.2 | 974.1 | 1004.2 | 1031.9 | 1053.8 | 1065.4 | 1076.1 | 1078.8 |
| 20° | 823.3 | 857.0 | 899.4 | 939.0 | 974.9 | 1009.6 | 1037.0 | 1055.2 | 1058.3 | 1058.6 | 1042.4 |
| 22.5° | 808.0 | 846.1 | 890.4 | 930.9 | 973.9 | 1012.5 | 1033.8 | 1041.6 | 1029.6 | 1008.9 | 977.7 |
| 25° | 779.8 | 823.9 | 875.3 | 921.6 | 968.5 | 1005.0 | 1012.4 | 998.7 | 956.3 | 911.8 | 855.6 |
| 27.5° | 749.2 | 798.7 | 853.9 | 905.4 | 955.4 | 978.0 | 962.2 | 912.8 | 836.6 | 770.4 | 690.1 |
| 30° | 726.8 | 782.4 | 836.7 | 894.2 | 940.4 | 950.2 | 914.0 | 841.2 | 752.4 | 652.5 | 572.4 |
| 32.5° | 701.2 | 759.5 | 819.1 | 878.6 | 917.4 | 907.8 | 848.0 | 758.4 | 654.2 | 556.0 | 480.3 |
| 35° | 664.6 | 725.0 | 789.1 | 848.8 | 873.5 | 832.4 | 742.9 | 626.3 | 519.8 | 428.1 | 376.0 |
| 37.5° | 622.5 | 688.1 | 754.9 | 809.7 | 808.0 | 739.4 | 617.5 | 497.1 | 407.6 | 353.4 | 316.3 |
| 40° | 592.5 | 658.8 | 731.0 | 777.3 | 757.5 | 668.3 | 536.1 | 422.6 | 357.1 | 313.9 | 286.8 |
| 42.5° | 563.8 | 630.4 | 702.1 | 738.8 | 704.4 | 594.8 | 463.1 | 374.1 | 320.1 | 286.4 | 264.4 |
| 45° | 514.9 | 585.1 | 651.6 | 672.0 | 610.4 | 489.6 | 374.5 | 310.0 | 274.0 | 249.1 | 233.8 |
| 47.5° | 467.1 | 536.2 | 596.8 | 597.2 | 514.0 | 397.1 | 315.9 | 268.2 | 237.6 | 218.3 | 207.2 |
| 50° | 437.8 | 503.6 | 554.4 | 546.5 | 452.2 | 353.2 | 282.5 | 241.4 | 215.9 | 201.0 | 189.4 |
| 52.5° | 405.0 | 468.7 | 512.7 | 490.2 | 399.7 | 310.8 | 252.6 | 218.1 | 196.9 | 183.9 | 173.6 |
| 55° | 357.1 | 413.8 | 444.8 | 410.7 | 326.1 | 258.4 | 213.4 | 186.3 | 170.5 | 159.6 | 150.7 |
| 57.5° | 310.2 | 356.9 | 376.4 | 336.7 | 268.6 | 214.3 | 180.5 | 160.2 | 144.5 | 136.6 | 132.1 |
| 60° | 280.7 | 320.6 | 334.3 | 290.5 | 233.5 | 187.5 | 159.9 | 141.0 | 129.4 | 124.3 | 119.7 |
| 62.5° | 251.8 | 284.3 | 290.0 | 249.8 | 203.6 | 164.2 | 140.4 | 124.4 | 116.8 | 111.8 | 107.5 |
| 65° | 208.9 | 232.3 | 229.6 | 197.3 | 161.0 | 130.3 | 112.9 | 103.2 | 97.4 | 90.4 | 82.8 |
| 67.5° | 171.9 | 186.3 | 177.7 | 153.4 | 122.9 | 101.3 | 89.9 | 82.6 | 75.4 | 68.7 | 67.0 |
| 70° | 148.5 | 156.8 | 147.7 | 125.5 | 100.8 | 85.0 | 75.8 | 67.0 | 62.7 | 61.2 | 58.5 |
| 72.5° | 126.2 | 129.1 | 119.2 | 100.1 | 82.0 | 70.4 | 61.5 | 56.5 | 54.2 | 52.9 | 51.1 |
| 75° | 94.7 | 92.5 | 84.1 | 69.1 | 56.9 | 49.0 | 46.3 | 44.4 | 43.0 | 41.7 | 40.8 |
| 77.5° | 66.5 | 63.3 | 55.8 | 46.1 | 39.6 | 35.9 | 34.2 | 33.3 | 32.5 | 31.9 | 31.0 |
| 80° | 49.9 | 47.8 | 40.2 | 32.9 | 30.2 | 28.3 | 27.4 | 26.2 | 26.2 | 25.6 | 24.6 |
| 82.5° | 36.5 | 34.2 | 27.6 | 24.1 | 22.6 | 21.5 | 20.8 | 20.1 | 19.8 | 20.0 | 19.3 |
| 85° | 19.2 | 15.5 | 13.7 | 13.1 | 12.1 | 11.6 | 11.9 | 11.3 | 11.3 | 11.3 | 10.9 |
| 87.5° | 6.0 | 5.0 | 4.8 | 4.7 | 5.1 | 5.1 | 5.0 | 5.1 | 5.5 | 5.2 | 5.5 |
| 90° | 0.9 | 1.5 | 2.2 | 2.9 | 3.4 | 3.8 | 4.3 | 4.8 | 5.3 | 5.5 | 5.9 |
| 92.5° | 5.3 | 5.2 | 5.1 | 5.1 | 5.2 | 5.4 | 5.6 | 5.9 | 6.1 | 6.3 | 6.4 |
| 95° | 15.2 | 13.3 | 11.3 | 9.4 | 8.6 | 9.0 | 9.5 | 9.9 | 10.3 | 10.6 | 10.8 |
| 97.5° | 28.5 | 23.1 | 17.7 | 12.2 | 9.9 | 10.9 | 11.8 | 12.8 | 13.8 | 14.0 | 14.3 |
| 100° | 38.6 | 30.6 | 22.6 | 14.6 | 11.0 | 12.1 | 13.0 | 14.0 | 15.0 | 15.5 | 16.0 |
| 102.5° | 58.9 | 57.2 | 55.5 | 53.8 | 48.8 | 40.4 | 32.1 | 23.8 | 15.4 | 16.1 | 16.6 |
| 105° | 81.9 | 83.6 | 85.4 | 87.2 | 80.1 | 64.1 | 48.1 | 32.0 | 16.1 | 16.7 | 17.4 |
| 107.5° | 103.9 | 105.3 | 106.7 | 108.1 | 99.2 | 80.1 | 60.9 | 41.7 | 22.5 | 21.9 | 21.2 |
| 110° | 118.0 | 119.3 | 120.5 | 121.7 | 113.8 | 96.9 | 80.0 | 63.0 | 46.1 | 40.3 | 34.4 |



TEST NUMBER: P331645-930

CATALOG NUMBER: SA2XXRDIP-C485D330U930-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 131.3 | 132.5 | 133.5 | 134.6 | 133.1 | 128.9 | 124.7 | 120.5 | 116.3 | 95.0 | 73.6 |
| 115° | 152.5 | 153.6 | 154.6 | 155.6 | 156.8 | 158.2 | 159.7 | 161.2 | 162.7 | 135.5 | 108.4 |
| 117.5° | 171.7 | 172.8 | 174.0 | 175.0 | 176.1 | 177.2 | 178.1 | 179.1 | 180.2 | 173.6 | 167.1 |
| 120° | 185.4 | 186.3 | 187.2 | 188.0 | 189.0 | 190.0 | 191.1 | 192.2 | 193.2 | 194.0 | 194.6 |
| 122.5° | 197.3 | 198.2 | 199.1 | 200.1 | 201.1 | 202.2 | 203.3 | 204.6 | 205.7 | 206.1 | 206.5 |
| 125° | 215.1 | 215.8 | 216.6 | 217.4 | 218.3 | 219.4 | 220.5 | 221.6 | 222.7 | 223.1 | 223.6 |
| 127.5° | 231.5 | 232.3 | 233.2 | 234.0 | 234.8 | 235.6 | 236.5 | 237.3 | 238.1 | 238.7 | 239.4 |
| 130° | 241.9 | 242.8 | 243.8 | 244.7 | 245.5 | 246.1 | 246.8 | 247.4 | 248.1 | 248.7 | 249.3 |
| 132.5° | 252.3 | 253.1 | 253.9 | 254.7 | 255.4 | 256.0 | 256.7 | 257.3 | 258.0 | 258.5 | 259.1 |
| 135° | 266.1 | 267.1 | 268.0 | 269.0 | 269.7 | 270.2 | 270.8 | 271.3 | 271.8 | 272.4 | 273.0 |
| 137.5° | 279.7 | 280.4 | 281.0 | 281.7 | 282.3 | 282.9 | 283.5 | 284.1 | 284.7 | 285.3 | 285.8 |
| 140° | 288.6 | 289.0 | 289.5 | 290.0 | 290.6 | 291.2 | 291.9 | 292.5 | 293.1 | 293.7 | 294.2 |
| 142.5° | 296.1 | 296.5 | 297.0 | 297.4 | 298.0 | 298.7 | 299.5 | 300.2 | 300.9 | 301.4 | 301.9 |
| 145° | 307.6 | 307.5 | 307.4 | 307.4 | 307.9 | 308.8 | 309.9 | 310.9 | 311.9 | 312.3 | 312.7 |
| 147.5° | 317.8 | 317.6 | 317.3 | 317.2 | 317.5 | 318.5 | 319.5 | 320.5 | 321.5 | 321.7 | 322.0 |
| 150° | 324.3 | 323.9 | 323.5 | 323.1 | 323.4 | 324.3 | 325.3 | 326.2 | 327.2 | 327.5 | 327.8 |
| 152.5° | 330.0 | 329.5 | 329.1 | 328.6 | 328.8 | 329.7 | 330.6 | 331.5 | 332.4 | 332.7 | 333.1 |
| 155° | 338.2 | 337.7 | 337.1 | 336.6 | 336.7 | 337.5 | 338.1 | 338.8 | 339.5 | 339.9 | 340.2 |
| 157.5° | 344.8 | 344.3 | 343.9 | 343.4 | 343.5 | 344.0 | 344.5 | 345.0 | 345.4 | 345.8 | 346.3 |
| 160° | 348.7 | 348.3 | 348.0 | 347.6 | 347.6 | 348.0 | 348.3 | 348.7 | 349.0 | 349.4 | 349.8 |
| 162.5° | 352.0 | 351.7 | 351.3 | 351.0 | 351.0 | 351.2 | 351.6 | 351.9 | 352.2 | 352.6 | 352.9 |
| 165° | 356.6 | 356.2 | 355.9 | 355.6 | 355.5 | 355.6 | 355.8 | 356.0 | 356.1 | 356.5 | 356.9 |
| 167.5° | 360.0 | 359.6 | 359.2 | 358.9 | 358.8 | 359.0 | 359.1 | 359.3 | 359.5 | 359.9 | 360.3 |
| 170° | 361.8 | 361.5 | 361.2 | 360.8 | 360.7 | 360.8 | 360.9 | 361.0 | 361.2 | 361.6 | 362.0 |
| 172.5° | 363.1 | 362.7 | 362.4 | 362.1 | 361.9 | 362.1 | 362.2 | 362.3 | 362.4 | 362.8 | 363.2 |
| 175° | 364.7 | 364.3 | 363.9 | 363.5 | 363.3 | 363.5 | 363.5 | 363.7 | 363.8 | 364.2 | 364.6 |
| 177.5° | 365.0 | 364.7 | 364.4 | 364.0 | 363.9 | 363.9 | 364.0 | 364.0 | 364.1 | 364.4 | 364.8 |
| 180° | 364.3 | 364.3 | 364.3 | 364.3 | 364.3 | 364.3 | 364.3 | 364.3 | 364.3 | 364.3 | 364.3 |



TEST NUMBER: P331645-930

CATALOG NUMBER: SA2XXRDIP-C485D330U930-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 876.3 | 876.3 | 876.3 | 876.3 | 876.3 | 876.3 | 876.3 |
| 2.5° | 906.9 | 910.1 | 911.6 | 911.6 | 913.3 | 912.6 | 911.8 |
| 5° | 959.0 | 964.8 | 966.0 | 971.5 | 975.5 | 974.3 | 974.9 |
| 7.5° | 1010.9 | 1020.2 | 1029.4 | 1033.6 | 1034.3 | 1036.7 | 1037.6 |
| 10° | 1042.8 | 1050.4 | 1064.7 | 1062.6 | 1073.3 | 1079.3 | 1069.3 |
| 12.5° | 1073.5 | 1083.8 | 1093.7 | 1096.4 | 1102.4 | 1104.4 | 1100.4 |
| 15° | 1101.2 | 1106.7 | 1107.3 | 1105.8 | 1107.7 | 1106.1 | 1100.3 |
| 17.5° | 1075.3 | 1066.4 | 1048.4 | 1039.8 | 1033.1 | 1023.1 | 1019.1 |
| 20° | 1032.4 | 1006.2 | 975.8 | 963.6 | 949.3 | 921.3 | 928.0 |
| 22.5° | 939.9 | 910.0 | 879.6 | 844.0 | 827.0 | 800.5 | 798.9 |
| 25° | 795.9 | 744.4 | 687.8 | 648.2 | 625.1 | 598.6 | 587.0 |
| 27.5° | 618.8 | 554.0 | 507.6 | 484.1 | 462.7 | 441.7 | 440.8 |
| 30° | 502.4 | 453.6 | 417.8 | 397.6 | 384.6 | 375.7 | 377.6 |
| 32.5° | 423.5 | 390.0 | 365.8 | 349.2 | 339.5 | 332.8 | 332.7 |
| 35° | 346.2 | 323.3 | 307.8 | 300.8 | 293.8 | 288.9 | 289.3 |
| 37.5° | 296.3 | 282.5 | 273.9 | 266.2 | 261.8 | 259.4 | 258.0 |
| 40° | 270.7 | 259.4 | 252.7 | 248.2 | 244.5 | 241.2 | 240.5 |
| 42.5° | 250.5 | 241.2 | 234.4 | 230.8 | 227.5 | 225.0 | 224.5 |
| 45° | 222.3 | 214.7 | 208.6 | 204.6 | 203.1 | 201.0 | 201.0 |
| 47.5° | 197.7 | 190.2 | 185.5 | 183.0 | 180.3 | 179.0 | 178.9 |
| 50° | 181.2 | 175.4 | 171.1 | 169.6 | 167.5 | 166.6 | 166.2 |
| 52.5° | 166.3 | 162.0 | 158.9 | 157.9 | 156.9 | 155.8 | 156.0 |
| 55° | 146.1 | 143.7 | 142.5 | 141.5 | 140.1 | 138.2 | 139.4 |
| 57.5° | 129.1 | 127.1 | 123.8 | 120.9 | 119.5 | 118.2 | 118.7 |
| 60° | 117.2 | 112.9 | 108.7 | 105.3 | 104.4 | 101.7 | 101.7 |
| 62.5° | 102.2 | 96.1 | 90.9 | 89.0 | 88.1 | 86.8 | 86.6 |
| 65° | 78.5 | 76.1 | 74.9 | 73.7 | 73.1 | 73.1 | 72.5 |
| 67.5° | 65.1 | 64.1 | 62.8 | 62.5 | 61.9 | 61.7 | 61.5 |
| 70° | 57.6 | 56.3 | 55.7 | 55.4 | 54.8 | 55.1 | 54.2 |
| 72.5° | 50.2 | 49.2 | 49.2 | 48.3 | 48.0 | 48.0 | 47.4 |
| 75° | 39.5 | 39.5 | 39.3 | 39.0 | 38.4 | 38.1 | 38.4 |
| 77.5° | 30.4 | 30.5 | 29.9 | 29.9 | 29.8 | 29.9 | 29.6 |
| 80° | 24.4 | 24.6 | 24.4 | 24.1 | 23.7 | 24.1 | 23.7 |
| 82.5° | 19.2 | 18.8 | 18.8 | 18.7 | 18.7 | 18.4 | 18.4 |
| 85° | 10.9 | 11.3 | 10.9 | 10.7 | 10.7 | 10.7 | 10.9 |
| 87.5° | 5.4 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.3 |
| 90° | 6.1 | 6.4 | 6.7 | 6.8 | 6.8 | 7.0 | 7.1 |
| 92.5° | 6.6 | 6.7 | 6.8 | 6.9 | 7.0 | 7.0 | 7.1 |
| 95° | 11.2 | 11.4 | 11.6 | 11.5 | 11.4 | 11.4 | 11.3 |
| 97.5° | 14.4 | 14.7 | 14.8 | 14.9 | 15.0 | 15.1 | 15.2 |
| 100° | 16.5 | 16.9 | 17.2 | 17.3 | 17.4 | 17.5 | 17.7 |
| 102.5° | 17.3 | 17.9 | 18.3 | 18.4 | 18.6 | 18.8 | 18.9 |
| 105° | 18.0 | 18.7 | 19.1 | 19.3 | 19.6 | 19.8 | 20.1 |
| 107.5° | 20.5 | 19.9 | 19.6 | 19.9 | 20.1 | 20.4 | 20.6 |
| 110° | 28.5 | 22.7 | 19.9 | 20.1 | 20.4 | 20.6 | 20.8 |



TEST NUMBER: P331645-930

CATALOG NUMBER: SA2XXRDIP-C485D330U930-4F0-1E-UDD-A

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 52.3 | 30.9 | 20.3 | 20.5 | 20.6 | 20.9 | 21.0 |
| 115° | 81.3 | 54.1 | 38.5 | 34.2 | 30.1 | 25.8 | 21.6 |
| 117.5° | 160.5 | 153.9 | 143.7 | 129.9 | 116.0 | 102.2 | 88.3 |
| 120° | 195.3 | 196.0 | 192.4 | 184.5 | 176.6 | 168.7 | 160.8 |
| 122.5° | 206.9 | 207.3 | 206.8 | 205.3 | 203.7 | 202.2 | 200.6 |
| 125° | 224.0 | 224.4 | 224.7 | 224.9 | 225.0 | 225.2 | 225.3 |
| 127.5° | 239.9 | 240.5 | 240.8 | 240.9 | 240.9 | 240.9 | 241.0 |
| 130° | 250.0 | 250.6 | 250.9 | 250.9 | 250.8 | 250.8 | 250.7 |
| 132.5° | 259.6 | 260.2 | 260.4 | 260.3 | 260.3 | 260.2 | 260.2 |
| 135° | 273.5 | 274.1 | 274.3 | 274.3 | 274.1 | 274.0 | 273.9 |
| 137.5° | 286.4 | 287.0 | 287.1 | 287.0 | 286.8 | 286.6 | 286.4 |
| 140° | 294.7 | 295.2 | 295.4 | 295.1 | 294.8 | 294.5 | 294.2 |
| 142.5° | 302.4 | 302.9 | 303.0 | 302.6 | 302.4 | 302.1 | 301.7 |
| 145° | 313.1 | 313.5 | 313.6 | 313.2 | 313.0 | 312.7 | 312.3 |
| 147.5° | 322.4 | 322.7 | 322.7 | 322.5 | 322.2 | 322.0 | 321.7 |
| 150° | 328.2 | 328.6 | 328.6 | 328.3 | 328.0 | 327.7 | 327.4 |
| 152.5° | 333.5 | 333.8 | 333.8 | 333.4 | 333.0 | 332.6 | 332.2 |
| 155° | 340.6 | 341.0 | 340.9 | 340.4 | 340.0 | 339.5 | 339.0 |
| 157.5° | 346.7 | 347.0 | 347.0 | 346.5 | 346.1 | 345.6 | 345.2 |
| 160° | 350.1 | 350.4 | 350.4 | 350.0 | 349.6 | 349.2 | 348.8 |
| 162.5° | 353.4 | 353.8 | 353.8 | 353.2 | 352.7 | 352.2 | 351.7 |
| 165° | 357.3 | 357.8 | 357.8 | 357.3 | 356.9 | 356.5 | 356.1 |
| 167.5° | 360.7 | 361.1 | 361.0 | 360.5 | 360.0 | 359.5 | 358.9 |
| 170° | 362.4 | 362.8 | 362.7 | 362.2 | 361.7 | 361.2 | 360.6 |
| 172.5° | 363.6 | 364.0 | 364.0 | 363.5 | 363.0 | 362.4 | 361.9 |
| 175° | 365.0 | 365.4 | 365.3 | 364.8 | 364.2 | 363.5 | 363.0 |
| 177.5° | 365.1 | 365.4 | 365.3 | 364.9 | 364.5 | 364.1 | 363.7 |
| 180° | 364.3 | 364.3 | 364.3 | 364.3 | 364.3 | 364.3 | 364.3 |

(END OF REPORT)