

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: P331340-935

Luminaire Tested: **SA2XXDIP-C675D530U935-4F0-1E-UDD-A1**

Issue Date: 10/7/2019

Test Information

Test Method: LM-79-08
Report Number: P331340-935
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: SA2XXDIP-C675D530U935-4F0-1E-UDD-A1
Description: DEFINE 2 DIRECT-INDIRECT PENDANT LED LUMINAIRE
DOWNLIGHT 675 LUMENS PER FOOT, ASYMMETRIC DIFFUSER
UPLIGHT 530 LUMENS PER FOOT, FLUSH SATIN WHITE DIFFUSER
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

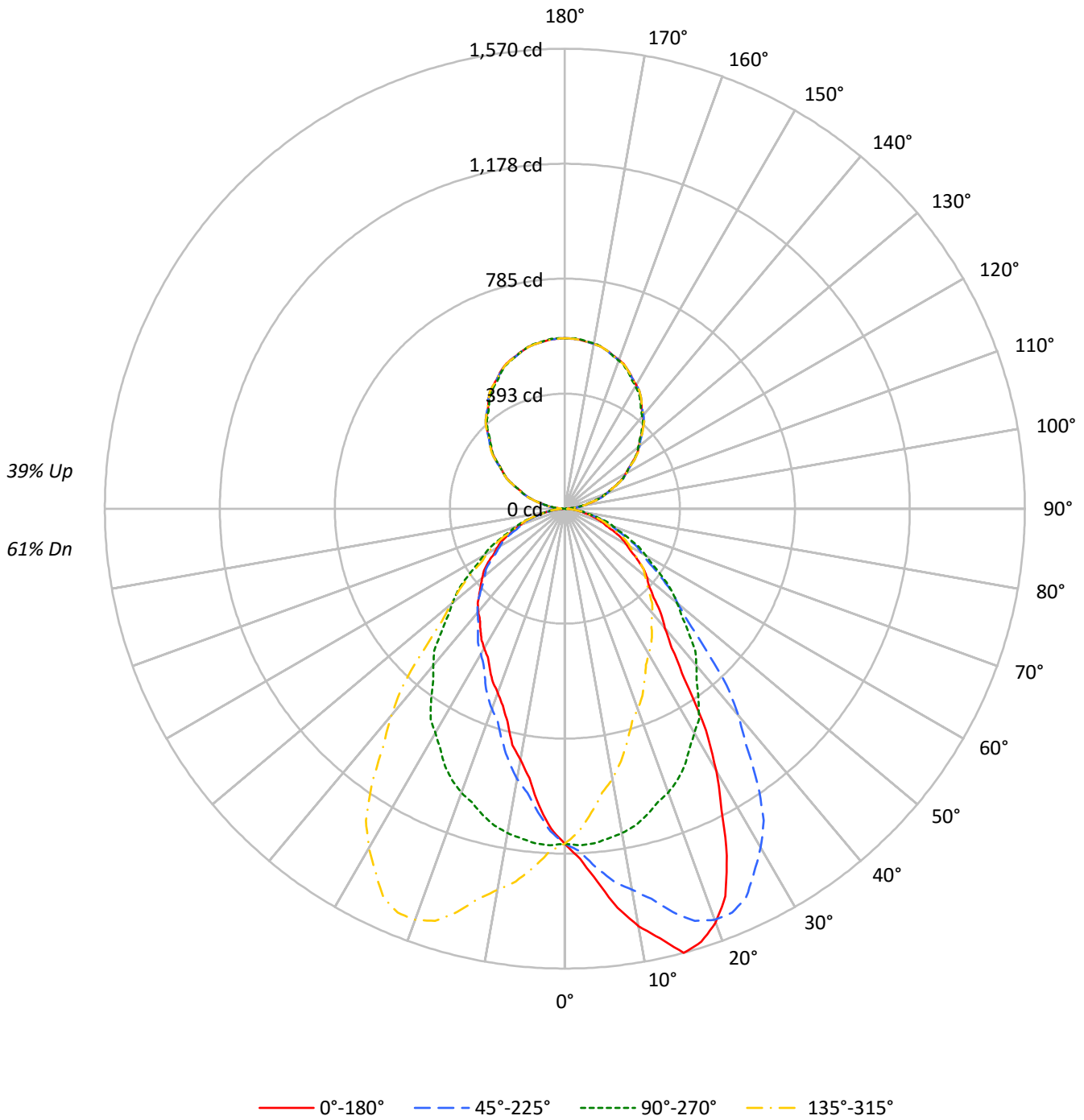
Lumens per Lamp: N/A
Luminaire Lumens: 4152.3 lumens
Efficiency: N/A
Efficacy: 103.0 lumens/watt
Spacing Criteria (0/90/45): 1.08 / 1.16 / 1.23
Luminous Opening: Rectangular (W 4' x L: 0.17' x H: 0')
CIE Type: Semi-Direct

Input Watts (W): 40.3
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: P331340-935
CATALOG NUMBER: SA2XXDIP-C675D530U935-4F0-1E-UDD-A1

Luminous Intensity Polar Plot





TEST NUMBER: P331340-935

CATALOG NUMBER: SA2XXDIP-C675D530U935-4F0-1E-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 | 110 | 110 | 110 | 110 | 103 | 103 | 103 | 103 | 89 | 89 | 89 | 77 | 77 | 77 | 66 | 66 | 66 | 61 |
| 1 | 101 | 97 | 93 | 89 | 94 | 91 | 87 | 84 | 79 | 77 | 75 | 69 | 67 | 66 | 59 | 58 | 57 | 52 |
| 2 | 92 | 85 | 79 | 74 | 86 | 80 | 75 | 70 | 70 | 66 | 63 | 61 | 58 | 56 | 53 | 51 | 49 | 45 |
| 3 | 85 | 75 | 68 | 62 | 79 | 71 | 65 | 59 | 62 | 58 | 53 | 55 | 51 | 48 | 47 | 45 | 42 | 39 |
| 4 | 78 | 67 | 59 | 53 | 73 | 63 | 56 | 51 | 56 | 50 | 46 | 49 | 45 | 41 | 43 | 40 | 37 | 34 |
| 5 | 72 | 60 | 52 | 46 | 67 | 57 | 50 | 44 | 50 | 45 | 40 | 44 | 40 | 36 | 39 | 35 | 33 | 30 |
| 6 | 66 | 54 | 46 | 41 | 62 | 51 | 44 | 39 | 46 | 40 | 36 | 40 | 36 | 32 | 35 | 32 | 29 | 26 |
| 7 | 61 | 49 | 41 | 36 | 57 | 47 | 40 | 34 | 42 | 36 | 32 | 37 | 32 | 29 | 33 | 29 | 26 | 24 |
| 8 | 57 | 45 | 37 | 32 | 54 | 43 | 36 | 31 | 38 | 32 | 28 | 34 | 29 | 26 | 30 | 26 | 24 | 21 |
| 9 | 53 | 41 | 34 | 29 | 50 | 39 | 32 | 28 | 35 | 30 | 26 | 31 | 27 | 23 | 28 | 24 | 21 | 19 |
| 10 | 50 | 38 | 31 | 26 | 47 | 36 | 30 | 25 | 33 | 27 | 23 | 29 | 25 | 21 | 26 | 22 | 20 | 18 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|-------|-------|-------|-------|
| 0° | 18466 | 18466 | 18466 | 18466 |
| 5° | 20702 | 18585 | 16470 | 18585 |
| 10° | 23722 | 18433 | 14254 | 18433 |
| 15° | 26242 | 18094 | 12593 | 18094 |
| 20° | 25844 | 17732 | 11478 | 17732 |
| 25° | 23302 | 17250 | 10774 | 17250 |
| 30° | 19257 | 16479 | 10260 | 16479 |
| 35° | 14034 | 15672 | 9895 | 15672 |
| 40° | 11209 | 14720 | 9691 | 14720 |
| 45° | 9796 | 13618 | 9412 | 13618 |
| 50° | 9206 | 12552 | 9231 | 12552 |
| 55° | 8487 | 11468 | 8982 | 11468 |
| 60° | 7776 | 10317 | 8603 | 10317 |
| 65° | 7087 | 9287 | 8225 | 9287 |
| 70° | 6430 | 8280 | 7676 | 8280 |
| 75° | 5702 | 7155 | 6800 | 7155 |
| 80° | 4909 | 5923 | 5477 | 5923 |
| 85° | 4409 | 4409 | 3260 | 4409 |



TEST NUMBER: P331340-935

CATALOG NUMBER: SA2XXDIP-C675D530U935-4F0-1E-UDD-A1

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 108.9 | 2.6 |
| 10°-20° | 316.6 | 7.6 |
| 20°-30° | 459.5 | 11.1 |
| 30°-40° | 484.9 | 11.7 |
| 40°-50° | 429.4 | 10.3 |
| 50°-60° | 342.6 | 8.3 |
| 60°-70° | 232.9 | 5.6 |
| 70°-80° | 119.4 | 2.9 |
| 80°-90° | 31.1 | 0.7 |
| 90°-100° | 36.9 | 0.9 |
| 100°-110° | 114.5 | 2.8 |
| 110°-120° | 195.7 | 4.7 |
| 120°-130° | 257.4 | 6.2 |
| 130°-140° | 288.9 | 7.0 |
| 140°-150° | 283.3 | 6.8 |
| 150°-160° | 237.6 | 5.7 |
| 160°-170° | 157.6 | 3.8 |
| 170°-180° | 55.1 | 1.3 |
| 0°-30° | 885.1 | 21.3 |
| 0°-40° | 1370.0 | 33.0 |
| 0°-60° | 2142.0 | 51.6 |
| 0°-90° | 2525.4 | 60.8 |
| 90°-120° | 347.1 | 8.4 |
| 90°-150° | 1176.6 | 28.3 |
| 90°-180° | 1627.0 | 39.2 |
| 0°-180° | 4152.3 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0° | 1144 | 1144 | 1144 | 1144 | 1144 | |
| 5° | 1277 | 1147 | 1016 | 1147 | 1277 | 128 |
| 15° | 1570 | 1082 | 753 | 1082 | 1570 | 433 |
| 25° | 1308 | 968 | 605 | 968 | 1308 | 591 |
| 35° | 712 | 795 | 502 | 795 | 712 | 463 |
| 45° | 429 | 596 | 412 | 596 | 429 | 337 |
| 55° | 302 | 407 | 319 | 407 | 302 | 270 |
| 65° | 186 | 243 | 215 | 243 | 186 | 184 |
| 75° | 91 | 115 | 109 | 115 | 91 | 98 |
| 85° | 24 | 24 | 18 | 24 | 24 | 26 |
| 90° | 17 | 0 | 17 | 0 | 17 | 8 |
| 95° | 30 | 26 | 30 | 26 | 30 | 34 |
| 105° | 109 | 106 | 109 | 106 | 109 | 115 |
| 115° | 196 | 196 | 196 | 196 | 196 | 194 |
| 125° | 287 | 286 | 287 | 286 | 287 | 256 |
| 135° | 374 | 370 | 374 | 370 | 374 | 288 |
| 145° | 454 | 449 | 454 | 449 | 454 | 283 |
| 155° | 517 | 513 | 517 | 513 | 517 | 238 |
| 165° | 559 | 558 | 559 | 558 | 559 | 158 |
| 175° | 579 | 581 | 579 | 581 | 579 | 55 |
| 180° | 582 | 582 | 582 | 582 | 582 | |



TEST NUMBER: P331340-935

CATALOG NUMBER: SA2XXDIP-C675D530U935-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1143.7 | 1143.7 | 1143.7 | 1143.7 | 1143.7 | 1143.7 | 1143.7 | 1143.7 | 1143.7 | 1143.7 | 1143.7 |
| 2.5° | 1196.4 | 1196.7 | 1197.5 | 1191.8 | 1191.1 | 1191.1 | 1186.2 | 1182.0 | 1177.1 | 1170.4 | 1171.0 |
| 5° | 1277.3 | 1282.1 | 1283.8 | 1278.6 | 1270.7 | 1269.8 | 1262.3 | 1250.0 | 1238.5 | 1229.3 | 1222.8 |
| 7.5° | 1373.8 | 1375.7 | 1371.4 | 1364.4 | 1358.6 | 1348.1 | 1334.1 | 1320.5 | 1301.4 | 1283.9 | 1270.9 |
| 10° | 1446.9 | 1449.6 | 1442.1 | 1432.0 | 1423.7 | 1411.4 | 1391.1 | 1370.5 | 1345.4 | 1321.2 | 1301.8 |
| 12.5° | 1502.4 | 1509.0 | 1499.4 | 1498.1 | 1483.8 | 1466.9 | 1442.8 | 1432.4 | 1397.1 | 1363.4 | 1342.6 |
| 15° | 1569.9 | 1569.5 | 1570.5 | 1562.1 | 1551.5 | 1548.9 | 1523.4 | 1495.7 | 1446.0 | 1426.2 | 1392.0 |
| 17.5° | 1550.5 | 1557.1 | 1560.2 | 1560.1 | 1559.9 | 1558.2 | 1550.1 | 1532.6 | 1507.7 | 1475.6 | 1436.0 |
| 20° | 1504.1 | 1512.9 | 1514.2 | 1524.3 | 1530.0 | 1537.5 | 1540.5 | 1535.7 | 1520.4 | 1493.5 | 1459.2 |
| 22.5° | 1432.4 | 1434.8 | 1438.9 | 1454.7 | 1467.1 | 1485.7 | 1495.6 | 1511.8 | 1505.9 | 1492.8 | 1464.1 |
| 25° | 1308.0 | 1303.6 | 1319.1 | 1326.9 | 1355.5 | 1385.3 | 1407.0 | 1430.6 | 1451.7 | 1464.5 | 1456.1 |
| 27.5° | 1158.7 | 1152.2 | 1175.2 | 1196.2 | 1219.4 | 1251.8 | 1285.4 | 1325.0 | 1358.0 | 1399.2 | 1413.3 |
| 30° | 1032.9 | 1036.8 | 1058.9 | 1081.2 | 1116.4 | 1162.1 | 1199.9 | 1243.5 | 1290.5 | 1336.6 | 1368.6 |
| 32.5° | 897.2 | 912.4 | 926.3 | 960.6 | 991.5 | 1042.6 | 1097.9 | 1152.4 | 1211.0 | 1263.4 | 1313.1 |
| 35° | 712.0 | 729.6 | 749.0 | 774.0 | 817.5 | 868.1 | 922.1 | 995.5 | 1075.6 | 1147.2 | 1206.1 |
| 37.5° | 599.3 | 596.5 | 607.6 | 625.7 | 661.0 | 701.7 | 764.0 | 836.5 | 930.7 | 1014.9 | 1097.9 |
| 40° | 531.8 | 530.0 | 538.0 | 554.7 | 581.5 | 611.4 | 665.9 | 729.6 | 817.1 | 919.9 | 1018.8 |
| 42.5° | 485.4 | 486.5 | 490.9 | 502.7 | 521.0 | 545.6 | 586.4 | 640.7 | 720.7 | 817.6 | 923.9 |
| 45° | 429.0 | 432.0 | 436.9 | 442.6 | 453.1 | 473.4 | 496.2 | 534.9 | 598.2 | 679.1 | 783.7 |
| 47.5° | 388.4 | 388.5 | 393.4 | 398.4 | 404.7 | 416.0 | 434.7 | 458.9 | 503.6 | 569.5 | 659.4 |
| 50° | 366.5 | 363.5 | 367.0 | 370.9 | 377.5 | 385.5 | 397.8 | 420.6 | 450.5 | 503.7 | 578.9 |
| 52.5° | 339.8 | 339.9 | 343.1 | 344.6 | 350.5 | 358.3 | 369.6 | 385.5 | 412.5 | 454.1 | 515.9 |
| 55° | 301.5 | 303.7 | 305.5 | 308.1 | 313.4 | 319.1 | 327.9 | 338.5 | 359.6 | 390.7 | 436.4 |
| 57.5° | 265.4 | 266.1 | 267.9 | 272.9 | 276.3 | 281.5 | 289.9 | 299.5 | 313.2 | 336.3 | 370.7 |
| 60° | 240.8 | 240.8 | 244.4 | 246.6 | 251.0 | 256.2 | 262.9 | 272.1 | 284.4 | 303.2 | 331.0 |
| 62.5° | 218.3 | 218.0 | 219.4 | 223.0 | 226.4 | 231.3 | 237.9 | 245.7 | 257.3 | 274.1 | 296.9 |
| 65° | 185.5 | 184.6 | 187.3 | 188.1 | 191.7 | 196.5 | 201.7 | 210.1 | 219.3 | 231.6 | 251.8 |
| 67.5° | 153.9 | 154.9 | 156.3 | 158.0 | 159.9 | 165.0 | 168.5 | 174.4 | 182.2 | 192.4 | 206.1 |
| 70° | 136.2 | 136.2 | 136.2 | 137.6 | 140.2 | 142.8 | 146.4 | 151.2 | 158.7 | 167.5 | 179.8 |
| 72.5° | 116.6 | 118.0 | 119.3 | 118.6 | 121.9 | 123.5 | 127.7 | 130.4 | 137.6 | 143.2 | 154.1 |
| 75° | 91.4 | 91.4 | 91.4 | 93.6 | 95.0 | 96.3 | 98.9 | 101.5 | 105.0 | 112.1 | 117.8 |
| 77.5° | 68.2 | 68.0 | 68.4 | 69.0 | 70.4 | 72.0 | 72.8 | 75.2 | 78.4 | 81.6 | 86.5 |
| 80° | 52.8 | 53.6 | 54.1 | 54.9 | 54.9 | 55.8 | 56.2 | 59.3 | 61.6 | 63.7 | 66.8 |
| 82.5° | 40.8 | 41.0 | 41.1 | 41.2 | 41.6 | 42.1 | 43.2 | 44.3 | 45.0 | 46.8 | 49.2 |
| 85° | 23.8 | 23.3 | 23.3 | 24.2 | 23.8 | 23.8 | 24.6 | 25.5 | 25.5 | 25.9 | 27.2 |
| 87.5° | 12.5 | 12.5 | 12.8 | 12.4 | 12.4 | 12.7 | 12.8 | 12.5 | 12.9 | 13.3 | 13.2 |
| 90° | 16.7 | 16.6 | 16.4 | 16.4 | 16.3 | 16.3 | 16.5 | 16.8 | 17.0 | 17.2 | 14.8 |
| 92.5° | 15.9 | 15.9 | 15.8 | 15.8 | 15.8 | 15.8 | 15.8 | 15.7 | 15.7 | 15.6 | 15.1 |
| 95° | 30.5 | 30.7 | 30.9 | 31.1 | 31.3 | 31.4 | 31.4 | 31.4 | 31.4 | 31.4 | 31.2 |
| 97.5° | 52.7 | 52.8 | 52.8 | 52.8 | 52.8 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.4 |
| 100° | 67.2 | 67.4 | 67.5 | 67.6 | 67.7 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.4 |
| 102.5° | 83.8 | 83.9 | 83.9 | 84.1 | 84.2 | 84.2 | 84.1 | 84.0 | 83.9 | 83.9 | 83.4 |
| 105° | 109.0 | 109.0 | 109.0 | 109.0 | 109.0 | 108.9 | 108.7 | 108.5 | 108.2 | 108.1 | 107.8 |
| 107.5° | 132.8 | 133.3 | 133.8 | 134.2 | 134.7 | 135.0 | 134.9 | 134.8 | 134.7 | 134.7 | 134.7 |
| 110° | 151.2 | 151.5 | 151.9 | 152.2 | 152.6 | 152.7 | 152.7 | 152.7 | 152.7 | 152.7 | 152.7 |



TEST NUMBER: P331340-935

CATALOG NUMBER: SA2XXDIP-C675D530U935-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 168.9 | 169.1 | 169.4 | 169.6 | 169.9 | 170.1 | 170.4 | 170.7 | 170.9 | 171.2 | 171.3 |
| 115° | 196.4 | 196.7 | 197.1 | 197.3 | 197.7 | 197.9 | 198.0 | 198.1 | 198.3 | 198.4 | 198.5 |
| 117.5° | 222.6 | 222.9 | 223.3 | 223.6 | 223.9 | 224.2 | 224.5 | 224.7 | 225.0 | 225.2 | 225.8 |
| 120° | 241.1 | 241.4 | 241.8 | 242.0 | 242.4 | 242.5 | 242.5 | 242.5 | 242.5 | 242.5 | 243.4 |
| 122.5° | 259.2 | 259.4 | 259.6 | 259.8 | 260.1 | 260.4 | 260.6 | 260.9 | 261.1 | 261.4 | 262.0 |
| 125° | 286.7 | 286.8 | 287.0 | 287.1 | 287.1 | 287.4 | 287.7 | 288.0 | 288.3 | 288.7 | 289.0 |
| 127.5° | 311.9 | 312.2 | 312.5 | 312.9 | 313.2 | 313.7 | 314.0 | 314.4 | 314.8 | 315.2 | 315.6 |
| 130° | 329.9 | 330.4 | 330.8 | 331.2 | 331.7 | 332.0 | 332.3 | 332.4 | 332.7 | 332.9 | 333.1 |
| 132.5° | 347.2 | 347.6 | 347.9 | 348.3 | 348.6 | 349.0 | 349.5 | 350.0 | 350.5 | 350.9 | 350.9 |
| 135° | 374.1 | 374.4 | 374.8 | 375.1 | 375.4 | 375.7 | 375.7 | 375.9 | 376.0 | 376.1 | 375.9 |
| 137.5° | 398.5 | 398.9 | 399.3 | 399.8 | 400.2 | 400.5 | 400.5 | 400.6 | 400.7 | 400.8 | 400.5 |
| 140° | 415.3 | 415.8 | 416.2 | 416.6 | 417.2 | 417.3 | 417.3 | 417.3 | 417.3 | 417.3 | 416.8 |
| 142.5° | 430.7 | 431.1 | 431.5 | 432.0 | 432.4 | 432.6 | 432.5 | 432.4 | 432.3 | 432.2 | 431.9 |
| 145° | 453.7 | 454.1 | 454.5 | 455.0 | 455.4 | 455.6 | 455.5 | 455.4 | 455.2 | 455.1 | 454.5 |
| 147.5° | 474.2 | 474.6 | 475.0 | 475.4 | 475.9 | 476.0 | 475.7 | 475.4 | 475.2 | 475.0 | 474.5 |
| 150° | 487.6 | 487.8 | 488.2 | 488.5 | 488.9 | 488.9 | 488.5 | 488.2 | 487.8 | 487.6 | 487.1 |
| 152.5° | 500.2 | 500.5 | 500.9 | 501.4 | 501.8 | 501.8 | 501.4 | 500.9 | 500.5 | 500.2 | 499.6 |
| 155° | 517.0 | 517.3 | 517.6 | 518.0 | 518.3 | 518.2 | 517.6 | 517.1 | 516.6 | 516.0 | 515.7 |
| 157.5° | 531.5 | 532.1 | 532.6 | 533.1 | 533.6 | 533.6 | 532.8 | 532.0 | 531.3 | 530.5 | 530.4 |
| 160° | 540.5 | 541.0 | 541.5 | 541.9 | 542.3 | 542.2 | 541.6 | 540.9 | 540.3 | 539.6 | 539.5 |
| 162.5° | 548.5 | 549.0 | 549.5 | 550.0 | 550.5 | 550.4 | 549.7 | 548.9 | 548.2 | 547.4 | 547.3 |
| 165° | 558.7 | 559.3 | 559.8 | 560.3 | 560.9 | 560.8 | 560.1 | 559.3 | 558.5 | 557.8 | 557.8 |
| 167.5° | 567.1 | 567.7 | 568.3 | 568.9 | 569.5 | 569.4 | 568.6 | 567.8 | 567.1 | 566.3 | 566.3 |
| 170° | 571.5 | 572.1 | 572.8 | 573.4 | 574.1 | 574.0 | 573.3 | 572.6 | 571.8 | 571.0 | 571.1 |
| 172.5° | 575.1 | 575.7 | 576.4 | 577.0 | 577.6 | 577.6 | 576.9 | 576.1 | 575.3 | 574.5 | 574.6 |
| 175° | 578.9 | 579.5 | 580.1 | 580.8 | 581.5 | 581.4 | 580.7 | 579.9 | 579.1 | 578.3 | 578.6 |
| 177.5° | 580.7 | 581.2 | 581.7 | 582.2 | 582.7 | 582.7 | 582.2 | 581.7 | 581.2 | 580.7 | 580.8 |
| 180° | 581.8 | 581.8 | 581.8 | 581.8 | 581.8 | 581.8 | 581.8 | 581.8 | 581.8 | 581.8 | 581.8 |



TEST NUMBER: P331340-935

CATALOG NUMBER: SA2XXDIP-C675D530U935-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1143.7 | 1143.7 | 1143.7 | 1143.7 | 1143.7 | 1143.7 | 1143.7 | 1143.7 | 1143.7 | 1143.7 | 1143.7 |
| 2.5° | 1173.5 | 1170.7 | 1169.0 | 1162.6 | 1157.0 | 1151.4 | 1149.6 | 1150.3 | 1142.6 | 1135.2 | 1132.0 |
| 5° | 1219.3 | 1210.5 | 1202.1 | 1190.2 | 1176.2 | 1160.8 | 1152.9 | 1146.7 | 1131.4 | 1114.7 | 1105.0 |
| 7.5° | 1260.2 | 1247.7 | 1231.6 | 1209.2 | 1188.8 | 1164.6 | 1149.2 | 1135.6 | 1113.0 | 1089.5 | 1075.0 |
| 10° | 1285.2 | 1268.0 | 1247.3 | 1220.1 | 1195.1 | 1165.6 | 1145.0 | 1124.3 | 1097.9 | 1069.8 | 1052.2 |
| 12.5° | 1306.7 | 1283.5 | 1263.2 | 1228.2 | 1198.6 | 1161.7 | 1137.2 | 1108.1 | 1080.4 | 1047.0 | 1029.8 |
| 15° | 1357.7 | 1315.1 | 1276.3 | 1236.8 | 1200.3 | 1148.9 | 1121.7 | 1082.5 | 1046.0 | 1004.8 | 985.0 |
| 17.5° | 1397.1 | 1349.3 | 1288.3 | 1238.0 | 1195.5 | 1138.6 | 1098.5 | 1051.7 | 1008.6 | 961.3 | 934.4 |
| 20° | 1419.7 | 1364.7 | 1299.2 | 1239.5 | 1188.4 | 1123.4 | 1080.0 | 1032.0 | 981.5 | 928.2 | 899.2 |
| 22.5° | 1433.0 | 1375.3 | 1310.5 | 1234.2 | 1174.4 | 1111.1 | 1056.4 | 1003.8 | 952.6 | 895.3 | 864.8 |
| 25° | 1437.3 | 1384.5 | 1316.0 | 1229.8 | 1156.8 | 1085.2 | 1019.3 | 968.3 | 906.3 | 852.6 | 808.3 |
| 27.5° | 1416.3 | 1378.5 | 1312.6 | 1221.5 | 1136.5 | 1052.7 | 979.3 | 921.5 | 856.1 | 797.9 | 753.3 |
| 30° | 1390.7 | 1368.6 | 1304.5 | 1213.1 | 1120.3 | 1030.3 | 949.3 | 883.9 | 818.8 | 759.9 | 714.2 |
| 32.5° | 1350.9 | 1346.2 | 1289.8 | 1201.1 | 1103.1 | 1001.8 | 918.1 | 851.9 | 779.8 | 721.9 | 678.4 |
| 35° | 1272.9 | 1294.0 | 1258.4 | 1174.4 | 1070.7 | 961.2 | 870.7 | 795.1 | 720.4 | 665.0 | 624.1 |
| 37.5° | 1168.3 | 1220.6 | 1211.3 | 1135.3 | 1026.9 | 917.1 | 817.2 | 738.1 | 666.9 | 611.1 | 570.9 |
| 40° | 1096.1 | 1163.0 | 1172.7 | 1105.4 | 996.0 | 883.0 | 777.1 | 698.4 | 629.0 | 578.0 | 537.5 |
| 42.5° | 1018.8 | 1096.9 | 1123.4 | 1069.5 | 962.2 | 847.1 | 741.2 | 659.7 | 591.0 | 541.4 | 505.6 |
| 45° | 889.2 | 992.5 | 1040.3 | 1009.6 | 905.9 | 788.1 | 679.1 | 596.4 | 534.0 | 487.4 | 459.8 |
| 47.5° | 767.9 | 880.8 | 945.2 | 934.4 | 843.2 | 726.5 | 618.8 | 539.5 | 478.7 | 441.5 | 416.7 |
| 50° | 682.2 | 798.1 | 876.0 | 879.5 | 798.1 | 682.6 | 574.5 | 499.7 | 443.9 | 409.2 | 389.0 |
| 52.5° | 607.6 | 718.3 | 803.2 | 821.8 | 747.9 | 636.9 | 534.8 | 460.4 | 411.2 | 379.3 | 361.2 |
| 55° | 510.3 | 603.9 | 697.9 | 732.3 | 672.9 | 567.4 | 472.9 | 407.4 | 361.3 | 339.3 | 323.5 |
| 57.5° | 424.2 | 502.3 | 589.2 | 627.1 | 590.5 | 500.2 | 411.6 | 354.7 | 317.3 | 298.0 | 285.9 |
| 60° | 378.8 | 440.4 | 517.7 | 563.0 | 531.4 | 451.0 | 373.6 | 319.5 | 288.8 | 271.6 | 260.2 |
| 62.5° | 336.7 | 391.2 | 456.6 | 498.0 | 480.8 | 404.9 | 335.6 | 287.9 | 261.3 | 245.2 | 237.0 |
| 65° | 277.8 | 320.9 | 371.4 | 409.7 | 398.2 | 340.6 | 284.0 | 243.1 | 222.0 | 209.2 | 202.6 |
| 67.5° | 228.8 | 259.8 | 294.9 | 328.4 | 319.2 | 278.4 | 232.9 | 201.0 | 185.3 | 174.4 | 170.4 |
| 70° | 197.8 | 221.5 | 252.7 | 279.6 | 272.1 | 238.7 | 202.6 | 175.4 | 161.8 | 152.5 | 148.5 |
| 72.5° | 168.2 | 187.8 | 211.5 | 233.5 | 228.4 | 200.7 | 170.7 | 150.1 | 139.6 | 131.0 | 127.8 |
| 75° | 127.0 | 142.0 | 156.4 | 171.0 | 169.6 | 148.1 | 130.5 | 114.7 | 106.3 | 99.8 | 98.4 |
| 77.5° | 93.8 | 102.1 | 112.0 | 120.6 | 118.2 | 105.9 | 92.1 | 83.1 | 76.9 | 72.5 | 71.8 |
| 80° | 71.6 | 76.5 | 83.5 | 89.6 | 86.6 | 81.3 | 70.3 | 63.7 | 59.3 | 54.9 | 53.2 |
| 82.5° | 51.9 | 56.8 | 61.0 | 64.3 | 62.0 | 57.1 | 50.3 | 45.8 | 43.1 | 40.2 | 39.4 |
| 85° | 27.2 | 29.9 | 31.7 | 32.5 | 31.7 | 28.6 | 25.5 | 23.8 | 21.5 | 20.2 | 19.8 |
| 87.5° | 13.0 | 12.6 | 12.1 | 12.4 | 11.1 | 10.8 | 9.1 | 7.8 | 7.7 | 7.7 | 7.2 |
| 90° | 12.4 | 10.0 | 7.6 | 5.8 | 4.4 | 3.1 | 1.8 | 0.5 | 1.8 | 3.1 | 4.4 |
| 92.5° | 14.5 | 13.9 | 13.3 | 12.6 | 11.6 | 10.7 | 9.7 | 8.8 | 9.7 | 10.7 | 11.6 |
| 95° | 31.0 | 30.7 | 30.6 | 29.9 | 28.8 | 27.7 | 26.6 | 25.6 | 26.6 | 27.7 | 28.8 |
| 97.5° | 52.0 | 51.6 | 51.1 | 50.5 | 49.5 | 48.6 | 47.6 | 46.7 | 47.6 | 48.6 | 49.5 |
| 100° | 67.1 | 66.8 | 66.5 | 65.9 | 65.0 | 64.1 | 63.2 | 62.3 | 63.2 | 64.1 | 65.0 |
| 102.5° | 83.0 | 82.7 | 82.2 | 81.6 | 80.9 | 80.2 | 79.6 | 78.9 | 79.6 | 80.2 | 80.9 |
| 105° | 107.5 | 107.4 | 107.1 | 106.9 | 106.5 | 106.2 | 105.9 | 105.6 | 105.9 | 106.2 | 106.5 |
| 107.5° | 134.7 | 134.7 | 134.7 | 134.4 | 133.9 | 133.5 | 132.9 | 132.5 | 132.9 | 133.5 | 133.9 |
| 110° | 152.7 | 152.7 | 152.7 | 152.4 | 151.7 | 151.0 | 150.4 | 149.7 | 150.4 | 151.0 | 151.7 |



TEST NUMBER: P331340-935

CATALOG NUMBER: SA2XXDIP-C675D530U935-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 171.3 | 171.4 | 171.5 | 171.3 | 170.6 | 169.9 | 169.3 | 168.6 | 169.3 | 169.9 | 170.6 |
| 115° | 198.8 | 199.0 | 199.2 | 199.0 | 198.4 | 197.7 | 197.1 | 196.4 | 197.1 | 197.7 | 198.4 |
| 117.5° | 226.4 | 227.1 | 227.7 | 227.6 | 226.7 | 225.8 | 225.0 | 224.1 | 225.0 | 225.8 | 226.7 |
| 120° | 244.3 | 245.1 | 246.1 | 246.1 | 245.1 | 244.3 | 243.4 | 242.5 | 243.4 | 244.3 | 245.1 |
| 122.5° | 262.6 | 263.2 | 263.8 | 263.6 | 262.6 | 261.6 | 260.5 | 259.4 | 260.5 | 261.6 | 262.6 |
| 125° | 289.4 | 289.6 | 290.0 | 289.6 | 288.7 | 287.7 | 286.7 | 285.8 | 286.7 | 287.7 | 288.7 |
| 127.5° | 316.0 | 316.4 | 316.8 | 316.3 | 315.1 | 313.8 | 312.6 | 311.3 | 312.6 | 313.8 | 315.1 |
| 130° | 333.3 | 333.6 | 333.7 | 333.1 | 331.7 | 330.3 | 328.9 | 327.5 | 328.9 | 330.3 | 331.7 |
| 132.5° | 350.9 | 350.9 | 350.8 | 350.2 | 349.0 | 347.8 | 346.7 | 345.5 | 346.7 | 347.8 | 349.0 |
| 135° | 375.7 | 375.4 | 375.2 | 374.5 | 373.3 | 372.1 | 370.9 | 369.7 | 370.9 | 372.1 | 373.3 |
| 137.5° | 400.3 | 400.0 | 399.7 | 399.1 | 398.1 | 397.1 | 396.1 | 395.1 | 396.1 | 397.1 | 398.1 |
| 140° | 416.2 | 415.7 | 415.2 | 414.4 | 413.4 | 412.4 | 411.5 | 410.4 | 411.5 | 412.4 | 413.4 |
| 142.5° | 431.5 | 431.2 | 430.8 | 430.1 | 429.1 | 428.2 | 427.1 | 426.2 | 427.1 | 428.2 | 429.1 |
| 145° | 453.8 | 453.1 | 452.5 | 451.9 | 451.1 | 450.3 | 449.5 | 448.8 | 449.5 | 450.3 | 451.1 |
| 147.5° | 474.1 | 473.6 | 473.2 | 472.5 | 471.7 | 470.7 | 469.8 | 468.9 | 469.8 | 470.7 | 471.7 |
| 150° | 486.6 | 486.2 | 485.8 | 485.3 | 484.6 | 484.0 | 483.3 | 482.7 | 483.3 | 484.0 | 484.6 |
| 152.5° | 499.0 | 498.5 | 498.0 | 497.4 | 496.8 | 496.1 | 495.5 | 494.8 | 495.5 | 496.1 | 496.8 |
| 155° | 515.4 | 515.1 | 514.7 | 514.4 | 514.0 | 513.8 | 513.4 | 513.1 | 513.4 | 513.8 | 514.0 |
| 157.5° | 530.2 | 529.9 | 529.8 | 529.6 | 529.3 | 529.1 | 528.9 | 528.7 | 528.9 | 529.1 | 529.3 |
| 160° | 539.3 | 539.2 | 539.2 | 539.0 | 538.7 | 538.6 | 538.3 | 538.1 | 538.3 | 538.6 | 538.7 |
| 162.5° | 547.3 | 547.1 | 547.0 | 546.9 | 546.9 | 546.8 | 546.8 | 546.7 | 546.8 | 546.8 | 546.9 |
| 165° | 557.8 | 557.8 | 557.8 | 557.8 | 557.9 | 558.0 | 558.1 | 558.3 | 558.1 | 558.0 | 557.9 |
| 167.5° | 566.4 | 566.4 | 566.4 | 566.5 | 566.9 | 567.2 | 567.6 | 567.8 | 567.6 | 567.2 | 566.9 |
| 170° | 571.2 | 571.4 | 571.4 | 571.7 | 572.0 | 572.3 | 572.7 | 573.0 | 572.7 | 572.3 | 572.0 |
| 172.5° | 574.8 | 574.9 | 575.0 | 575.2 | 575.5 | 575.8 | 576.2 | 576.5 | 576.2 | 575.8 | 575.5 |
| 175° | 578.9 | 579.0 | 579.3 | 579.5 | 579.9 | 580.1 | 580.5 | 580.8 | 580.5 | 580.1 | 579.9 |
| 177.5° | 581.0 | 581.2 | 581.3 | 581.5 | 581.8 | 582.0 | 582.3 | 582.6 | 582.3 | 582.0 | 581.8 |
| 180° | 581.8 | 581.8 | 581.8 | 581.8 | 581.8 | 581.8 | 581.8 | 581.8 | 581.8 | 581.8 | 581.8 |



TEST NUMBER: P331340-935

CATALOG NUMBER: SA2XXDIP-C675D530U935-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1143.7 | 1143.7 | 1143.7 | 1143.7 | 1143.7 | 1143.7 | 1143.7 | 1143.7 | 1143.7 | 1143.7 | 1143.7 |
| 2.5° | 1128.5 | 1126.4 | 1119.0 | 1115.2 | 1108.8 | 1102.9 | 1099.0 | 1100.8 | 1102.2 | 1101.5 | 1100.4 |
| 5° | 1096.1 | 1087.8 | 1075.0 | 1064.1 | 1056.2 | 1041.6 | 1035.5 | 1032.4 | 1029.8 | 1026.7 | 1023.6 |
| 7.5° | 1057.7 | 1044.5 | 1026.2 | 1010.6 | 995.7 | 977.8 | 967.5 | 961.3 | 955.0 | 948.0 | 941.9 |
| 10° | 1030.3 | 1011.8 | 992.5 | 970.4 | 952.9 | 936.6 | 922.1 | 912.5 | 903.7 | 895.4 | 889.2 |
| 12.5° | 1001.4 | 980.2 | 956.2 | 926.2 | 906.8 | 883.6 | 881.3 | 864.3 | 850.6 | 845.4 | 838.2 |
| 15° | 955.5 | 925.7 | 895.4 | 859.7 | 844.3 | 823.2 | 810.0 | 796.9 | 785.0 | 776.6 | 774.5 |
| 17.5° | 903.4 | 864.7 | 834.6 | 809.0 | 783.8 | 762.2 | 750.0 | 739.4 | 729.7 | 718.5 | 717.0 |
| 20° | 863.7 | 830.3 | 797.3 | 774.9 | 749.0 | 726.9 | 712.0 | 701.5 | 693.1 | 686.6 | 680.8 |
| 22.5° | 826.0 | 789.5 | 759.3 | 734.8 | 709.2 | 691.5 | 679.7 | 669.5 | 662.5 | 655.2 | 649.9 |
| 25° | 765.7 | 737.1 | 704.1 | 676.4 | 655.3 | 643.9 | 634.2 | 625.4 | 621.0 | 616.2 | 610.1 |
| 27.5° | 712.8 | 681.1 | 650.2 | 628.8 | 610.3 | 600.1 | 593.2 | 587.3 | 583.2 | 580.3 | 576.9 |
| 30° | 675.5 | 643.4 | 619.3 | 598.2 | 582.8 | 572.7 | 568.3 | 564.8 | 560.0 | 558.2 | 556.5 |
| 32.5° | 639.7 | 610.8 | 590.1 | 571.8 | 557.2 | 550.5 | 546.5 | 543.4 | 539.6 | 537.8 | 534.3 |
| 35° | 588.9 | 564.8 | 544.6 | 534.4 | 522.6 | 516.9 | 513.8 | 509.4 | 505.9 | 504.1 | 503.7 |
| 37.5° | 541.2 | 520.2 | 507.0 | 494.0 | 489.0 | 485.4 | 481.2 | 478.2 | 477.2 | 476.9 | 476.5 |
| 40° | 510.3 | 493.2 | 481.3 | 470.7 | 468.6 | 463.2 | 459.8 | 457.1 | 457.1 | 457.5 | 457.1 |
| 42.5° | 482.2 | 466.7 | 456.3 | 447.2 | 444.6 | 441.4 | 437.9 | 437.7 | 438.5 | 440.0 | 438.5 |
| 45° | 439.5 | 428.5 | 421.0 | 416.6 | 411.8 | 408.7 | 408.3 | 409.7 | 410.1 | 410.5 | 411.8 |
| 47.5° | 400.3 | 393.0 | 386.2 | 381.4 | 379.3 | 378.8 | 378.2 | 380.6 | 382.6 | 383.4 | 385.5 |
| 50° | 377.1 | 368.8 | 363.1 | 360.0 | 358.2 | 357.3 | 358.2 | 360.8 | 362.6 | 364.8 | 366.1 |
| 52.5° | 351.1 | 345.2 | 341.2 | 338.9 | 338.2 | 338.7 | 338.9 | 341.9 | 344.7 | 345.4 | 346.1 |
| 55° | 315.1 | 310.7 | 309.9 | 305.9 | 307.6 | 307.2 | 309.4 | 311.2 | 313.8 | 316.4 | 316.9 |
| 57.5° | 279.3 | 275.8 | 273.4 | 273.7 | 274.2 | 276.2 | 278.0 | 281.1 | 284.0 | 286.7 | 287.0 |
| 60° | 255.4 | 253.6 | 252.3 | 252.3 | 253.1 | 255.8 | 258.0 | 261.1 | 262.9 | 264.6 | 265.9 |
| 62.5° | 233.6 | 231.8 | 230.5 | 231.2 | 233.5 | 235.1 | 237.6 | 239.3 | 241.0 | 242.8 | 243.4 |
| 65° | 199.1 | 198.2 | 199.6 | 200.4 | 200.9 | 203.0 | 206.1 | 207.4 | 209.2 | 210.1 | 213.2 |
| 67.5° | 167.4 | 167.6 | 167.4 | 168.6 | 171.2 | 171.7 | 174.6 | 177.6 | 178.0 | 179.7 | 181.7 |
| 70° | 145.9 | 146.8 | 147.7 | 148.5 | 150.8 | 151.6 | 153.9 | 155.2 | 156.9 | 158.3 | 159.5 |
| 72.5° | 126.2 | 126.4 | 127.3 | 127.1 | 129.0 | 130.9 | 132.8 | 134.1 | 135.8 | 137.5 | 138.8 |
| 75° | 97.1 | 97.1 | 98.0 | 98.4 | 100.7 | 102.9 | 102.4 | 103.3 | 105.0 | 106.8 | 107.7 |
| 77.5° | 70.9 | 70.0 | 70.9 | 71.4 | 72.1 | 74.0 | 74.3 | 75.5 | 77.5 | 76.9 | 77.9 |
| 80° | 54.1 | 52.8 | 54.1 | 54.5 | 54.5 | 56.7 | 56.7 | 57.6 | 58.9 | 57.6 | 58.9 |
| 82.5° | 38.6 | 38.0 | 38.9 | 39.0 | 39.7 | 39.8 | 40.6 | 40.7 | 42.0 | 41.4 | 42.0 |
| 85° | 19.4 | 18.9 | 19.4 | 18.9 | 19.4 | 19.8 | 19.8 | 19.4 | 19.4 | 20.2 | 18.9 |
| 87.5° | 7.1 | 7.1 | 7.2 | 7.7 | 7.9 | 8.0 | 7.6 | 7.6 | 7.5 | 6.8 | 6.8 |
| 90° | 5.8 | 7.6 | 10.0 | 12.4 | 14.8 | 17.2 | 17.0 | 16.8 | 16.5 | 16.3 | 16.3 |
| 92.5° | 12.6 | 13.3 | 13.9 | 14.5 | 15.1 | 15.6 | 15.7 | 15.7 | 15.8 | 15.8 | 15.8 |
| 95° | 29.9 | 30.6 | 30.7 | 31.0 | 31.2 | 31.4 | 31.4 | 31.4 | 31.4 | 31.4 | 31.3 |
| 97.5° | 50.5 | 51.1 | 51.6 | 52.0 | 52.4 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.8 |
| 100° | 65.9 | 66.5 | 66.8 | 67.1 | 67.4 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.7 |
| 102.5° | 81.6 | 82.2 | 82.7 | 83.0 | 83.4 | 83.9 | 83.9 | 84.0 | 84.1 | 84.2 | 84.2 |
| 105° | 106.9 | 107.1 | 107.4 | 107.5 | 107.8 | 108.1 | 108.2 | 108.5 | 108.7 | 108.9 | 109.0 |
| 107.5° | 134.4 | 134.7 | 134.7 | 134.7 | 134.7 | 134.7 | 134.7 | 134.8 | 134.9 | 135.0 | 134.7 |
| 110° | 152.4 | 152.7 | 152.7 | 152.7 | 152.7 | 152.7 | 152.7 | 152.7 | 152.7 | 152.7 | 152.6 |



TEST NUMBER: P331340-935

CATALOG NUMBER: SA2XXDIP-C675D530U935-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 171.3 | 171.5 | 171.4 | 171.3 | 171.3 | 171.2 | 170.9 | 170.7 | 170.4 | 170.1 | 169.9 |
| 115° | 199.0 | 199.2 | 199.0 | 198.8 | 198.5 | 198.4 | 198.3 | 198.1 | 198.0 | 197.9 | 197.7 |
| 117.5° | 227.6 | 227.7 | 227.1 | 226.4 | 225.8 | 225.2 | 225.0 | 224.7 | 224.5 | 224.2 | 223.9 |
| 120° | 246.1 | 246.1 | 245.1 | 244.3 | 243.4 | 242.5 | 242.5 | 242.5 | 242.5 | 242.5 | 242.4 |
| 122.5° | 263.6 | 263.8 | 263.2 | 262.6 | 262.0 | 261.4 | 261.1 | 260.9 | 260.6 | 260.4 | 260.1 |
| 125° | 289.6 | 290.0 | 289.6 | 289.4 | 289.0 | 288.7 | 288.3 | 288.0 | 287.7 | 287.4 | 287.1 |
| 127.5° | 316.3 | 316.8 | 316.4 | 316.0 | 315.6 | 315.2 | 314.8 | 314.4 | 314.0 | 313.7 | 313.2 |
| 130° | 333.1 | 333.7 | 333.6 | 333.3 | 333.1 | 332.9 | 332.7 | 332.4 | 332.3 | 332.0 | 331.7 |
| 132.5° | 350.2 | 350.8 | 350.9 | 350.9 | 350.9 | 350.9 | 350.5 | 350.0 | 349.5 | 349.0 | 348.6 |
| 135° | 374.5 | 375.2 | 375.4 | 375.7 | 375.9 | 376.1 | 376.0 | 375.9 | 375.7 | 375.7 | 375.4 |
| 137.5° | 399.1 | 399.7 | 400.0 | 400.3 | 400.5 | 400.8 | 400.7 | 400.6 | 400.5 | 400.5 | 400.2 |
| 140° | 414.4 | 415.2 | 415.7 | 416.2 | 416.8 | 417.3 | 417.3 | 417.3 | 417.3 | 417.3 | 417.2 |
| 142.5° | 430.1 | 430.8 | 431.2 | 431.5 | 431.9 | 432.2 | 432.3 | 432.4 | 432.5 | 432.6 | 432.4 |
| 145° | 451.9 | 452.5 | 453.1 | 453.8 | 454.5 | 455.1 | 455.2 | 455.4 | 455.5 | 455.6 | 455.4 |
| 147.5° | 472.5 | 473.2 | 473.6 | 474.1 | 474.5 | 475.0 | 475.2 | 475.4 | 475.7 | 476.0 | 475.9 |
| 150° | 485.3 | 485.8 | 486.2 | 486.6 | 487.1 | 487.6 | 487.8 | 488.2 | 488.5 | 488.9 | 488.9 |
| 152.5° | 497.4 | 498.0 | 498.5 | 499.0 | 499.6 | 500.2 | 500.5 | 500.9 | 501.4 | 501.8 | 501.8 |
| 155° | 514.4 | 514.7 | 515.1 | 515.4 | 515.7 | 516.0 | 516.6 | 517.1 | 517.6 | 518.2 | 518.3 |
| 157.5° | 529.6 | 529.8 | 529.9 | 530.2 | 530.4 | 530.5 | 531.3 | 532.0 | 532.8 | 533.6 | 533.6 |
| 160° | 539.0 | 539.2 | 539.2 | 539.3 | 539.5 | 539.6 | 540.3 | 540.9 | 541.6 | 542.2 | 542.3 |
| 162.5° | 546.9 | 547.0 | 547.1 | 547.3 | 547.3 | 547.4 | 548.2 | 548.9 | 549.7 | 550.4 | 550.5 |
| 165° | 557.8 | 557.8 | 557.8 | 557.8 | 557.8 | 557.8 | 558.5 | 559.3 | 560.1 | 560.8 | 560.9 |
| 167.5° | 566.5 | 566.4 | 566.4 | 566.4 | 566.3 | 566.3 | 567.1 | 567.8 | 568.6 | 569.4 | 569.5 |
| 170° | 571.7 | 571.4 | 571.4 | 571.2 | 571.1 | 571.0 | 571.8 | 572.6 | 573.3 | 574.0 | 574.1 |
| 172.5° | 575.2 | 575.0 | 574.9 | 574.8 | 574.6 | 574.5 | 575.3 | 576.1 | 576.9 | 577.6 | 577.6 |
| 175° | 579.5 | 579.3 | 579.0 | 578.9 | 578.6 | 578.3 | 579.1 | 579.9 | 580.7 | 581.4 | 581.5 |
| 177.5° | 581.5 | 581.3 | 581.2 | 581.0 | 580.8 | 580.7 | 581.2 | 581.7 | 582.2 | 582.7 | 582.7 |
| 180° | 581.8 | 581.8 | 581.8 | 581.8 | 581.8 | 581.8 | 581.8 | 581.8 | 581.8 | 581.8 | 581.8 |



TEST NUMBER: P331340-935

CATALOG NUMBER: SA2XXDIP-C675D530U935-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1143.7 | 1143.7 | 1143.7 | 1143.7 | 1143.7 | 1143.7 | 1143.7 | 1143.7 | 1143.7 | 1143.7 | 1143.7 |
| 2.5° | 1096.9 | 1096.1 | 1096.1 | 1093.0 | 1096.1 | 1096.1 | 1096.9 | 1100.4 | 1101.5 | 1102.2 | 1100.8 |
| 5° | 1017.5 | 1016.2 | 1014.0 | 1016.2 | 1014.0 | 1016.2 | 1017.5 | 1023.6 | 1026.7 | 1029.8 | 1032.4 |
| 7.5° | 939.0 | 933.8 | 933.0 | 927.7 | 933.0 | 933.8 | 939.0 | 941.9 | 948.0 | 955.0 | 961.3 |
| 10° | 881.7 | 878.1 | 877.7 | 869.4 | 877.7 | 878.1 | 881.7 | 889.2 | 895.4 | 903.7 | 912.5 |
| 12.5° | 838.1 | 829.7 | 831.3 | 826.5 | 831.3 | 829.7 | 838.1 | 838.2 | 845.4 | 850.6 | 864.3 |
| 15° | 762.6 | 762.6 | 760.8 | 753.4 | 760.8 | 762.6 | 762.6 | 774.5 | 776.6 | 785.0 | 796.9 |
| 17.5° | 708.3 | 707.5 | 703.3 | 705.3 | 703.3 | 707.5 | 708.3 | 717.0 | 718.5 | 729.7 | 739.4 |
| 20° | 676.0 | 673.4 | 668.0 | 668.0 | 668.0 | 673.4 | 676.0 | 680.8 | 686.6 | 693.1 | 701.5 |
| 22.5° | 645.4 | 645.2 | 639.6 | 641.4 | 639.6 | 645.2 | 645.4 | 649.9 | 655.2 | 662.5 | 669.5 |
| 25° | 609.6 | 606.1 | 603.5 | 604.8 | 603.5 | 606.1 | 609.6 | 610.1 | 616.2 | 621.0 | 625.4 |
| 27.5° | 575.7 | 573.8 | 573.6 | 570.0 | 573.6 | 573.8 | 575.7 | 576.9 | 580.3 | 583.2 | 587.3 |
| 30° | 556.0 | 551.6 | 552.5 | 550.3 | 552.5 | 551.6 | 556.0 | 556.5 | 558.2 | 560.0 | 564.8 |
| 32.5° | 533.5 | 531.9 | 531.1 | 529.2 | 531.1 | 531.9 | 533.5 | 534.3 | 537.8 | 539.6 | 543.4 |
| 35° | 502.8 | 503.3 | 501.1 | 502.0 | 501.1 | 503.3 | 502.8 | 503.7 | 504.1 | 505.9 | 509.4 |
| 37.5° | 476.0 | 477.4 | 476.4 | 476.6 | 476.4 | 477.4 | 476.0 | 476.5 | 476.9 | 477.2 | 478.2 |
| 40° | 458.4 | 458.4 | 458.4 | 459.8 | 458.4 | 458.4 | 458.4 | 457.1 | 457.5 | 457.1 | 457.1 |
| 42.5° | 441.5 | 440.8 | 440.1 | 440.1 | 440.1 | 440.8 | 441.5 | 438.5 | 440.0 | 438.5 | 437.7 |
| 45° | 412.7 | 414.1 | 414.5 | 412.2 | 414.5 | 414.1 | 412.7 | 411.8 | 410.5 | 410.1 | 409.7 |
| 47.5° | 386.6 | 386.8 | 386.6 | 388.6 | 386.6 | 386.8 | 386.6 | 385.5 | 383.4 | 382.6 | 380.6 |
| 50° | 368.3 | 367.5 | 368.3 | 367.5 | 368.3 | 367.5 | 368.3 | 366.1 | 364.8 | 362.6 | 360.8 |
| 52.5° | 349.0 | 349.1 | 348.6 | 348.4 | 348.6 | 349.1 | 349.0 | 346.1 | 345.4 | 344.7 | 341.9 |
| 55° | 318.7 | 319.5 | 319.1 | 319.1 | 319.1 | 319.5 | 318.7 | 316.9 | 316.4 | 313.8 | 311.2 |
| 57.5° | 287.3 | 288.1 | 288.7 | 286.7 | 288.7 | 288.1 | 287.3 | 287.0 | 286.7 | 284.0 | 281.1 |
| 60° | 265.4 | 267.7 | 267.3 | 266.4 | 267.3 | 267.7 | 265.4 | 265.9 | 264.6 | 262.9 | 261.1 |
| 62.5° | 245.5 | 246.2 | 246.2 | 246.0 | 246.2 | 246.2 | 245.5 | 243.4 | 242.8 | 241.0 | 239.3 |
| 65° | 214.5 | 215.3 | 214.0 | 215.3 | 214.0 | 215.3 | 214.5 | 213.2 | 210.1 | 209.2 | 207.4 |
| 67.5° | 181.2 | 181.4 | 182.4 | 183.0 | 182.4 | 181.4 | 181.2 | 181.7 | 179.7 | 178.0 | 177.6 |
| 70° | 160.4 | 160.0 | 161.3 | 162.6 | 161.3 | 160.0 | 160.4 | 159.5 | 158.3 | 156.9 | 155.2 |
| 72.5° | 138.6 | 139.6 | 139.1 | 140.1 | 139.1 | 139.6 | 138.6 | 138.8 | 137.5 | 135.8 | 134.1 |
| 75° | 106.8 | 108.1 | 107.7 | 109.0 | 107.7 | 108.1 | 106.8 | 107.7 | 106.8 | 105.0 | 103.3 |
| 77.5° | 77.1 | 77.3 | 77.1 | 77.9 | 77.1 | 77.3 | 77.1 | 77.9 | 76.9 | 77.5 | 75.5 |
| 80° | 58.9 | 58.0 | 57.2 | 58.9 | 57.2 | 58.0 | 58.9 | 58.9 | 57.6 | 58.9 | 57.6 |
| 82.5° | 41.0 | 41.5 | 40.6 | 40.6 | 40.6 | 41.5 | 41.0 | 42.0 | 41.4 | 42.0 | 40.7 |
| 85° | 18.9 | 18.4 | 17.6 | 17.6 | 17.6 | 18.4 | 18.9 | 18.9 | 20.2 | 19.4 | 19.4 |
| 87.5° | 6.8 | 6.5 | 6.5 | 6.1 | 6.5 | 6.5 | 6.8 | 6.8 | 6.8 | 7.5 | 7.6 |
| 90° | 16.4 | 16.4 | 16.6 | 16.7 | 16.6 | 16.4 | 16.4 | 16.3 | 16.3 | 16.5 | 16.8 |
| 92.5° | 15.8 | 15.8 | 15.9 | 15.9 | 15.9 | 15.8 | 15.8 | 15.8 | 15.8 | 15.8 | 15.7 |
| 95° | 31.1 | 30.9 | 30.7 | 30.5 | 30.7 | 30.9 | 31.1 | 31.3 | 31.4 | 31.4 | 31.4 |
| 97.5° | 52.8 | 52.8 | 52.8 | 52.7 | 52.8 | 52.8 | 52.8 | 52.8 | 52.9 | 52.9 | 52.9 |
| 100° | 67.6 | 67.5 | 67.4 | 67.2 | 67.4 | 67.5 | 67.6 | 67.7 | 67.8 | 67.8 | 67.8 |
| 102.5° | 84.1 | 83.9 | 83.9 | 83.8 | 83.9 | 83.9 | 84.1 | 84.2 | 84.2 | 84.1 | 84.0 |
| 105° | 109.0 | 109.0 | 109.0 | 109.0 | 109.0 | 109.0 | 109.0 | 109.0 | 108.9 | 108.7 | 108.5 |
| 107.5° | 134.2 | 133.8 | 133.3 | 132.8 | 133.3 | 133.8 | 134.2 | 134.7 | 135.0 | 134.9 | 134.8 |
| 110° | 152.2 | 151.9 | 151.5 | 151.2 | 151.5 | 151.9 | 152.2 | 152.6 | 152.7 | 152.7 | 152.7 |



TEST NUMBER: P331340-935

CATALOG NUMBER: SA2XXDIP-C675D530U935-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 169.6 | 169.4 | 169.1 | 168.9 | 169.1 | 169.4 | 169.6 | 169.9 | 170.1 | 170.4 | 170.7 |
| 115° | 197.3 | 197.1 | 196.7 | 196.4 | 196.7 | 197.1 | 197.3 | 197.7 | 197.9 | 198.0 | 198.1 |
| 117.5° | 223.6 | 223.3 | 222.9 | 222.6 | 222.9 | 223.3 | 223.6 | 223.9 | 224.2 | 224.5 | 224.7 |
| 120° | 242.0 | 241.8 | 241.4 | 241.1 | 241.4 | 241.8 | 242.0 | 242.4 | 242.5 | 242.5 | 242.5 |
| 122.5° | 259.8 | 259.6 | 259.4 | 259.2 | 259.4 | 259.6 | 259.8 | 260.1 | 260.4 | 260.6 | 260.9 |
| 125° | 287.1 | 287.0 | 286.8 | 286.7 | 286.8 | 287.0 | 287.1 | 287.1 | 287.4 | 287.7 | 288.0 |
| 127.5° | 312.9 | 312.5 | 312.2 | 311.9 | 312.2 | 312.5 | 312.9 | 313.2 | 313.7 | 314.0 | 314.4 |
| 130° | 331.2 | 330.8 | 330.4 | 329.9 | 330.4 | 330.8 | 331.2 | 331.7 | 332.0 | 332.3 | 332.4 |
| 132.5° | 348.3 | 347.9 | 347.6 | 347.2 | 347.6 | 347.9 | 348.3 | 348.6 | 349.0 | 349.5 | 350.0 |
| 135° | 375.1 | 374.8 | 374.4 | 374.1 | 374.4 | 374.8 | 375.1 | 375.4 | 375.7 | 375.7 | 375.9 |
| 137.5° | 399.8 | 399.3 | 398.9 | 398.5 | 398.9 | 399.3 | 399.8 | 400.2 | 400.5 | 400.5 | 400.6 |
| 140° | 416.6 | 416.2 | 415.8 | 415.3 | 415.8 | 416.2 | 416.6 | 417.2 | 417.3 | 417.3 | 417.3 |
| 142.5° | 432.0 | 431.5 | 431.1 | 430.7 | 431.1 | 431.5 | 432.0 | 432.4 | 432.6 | 432.5 | 432.4 |
| 145° | 455.0 | 454.5 | 454.1 | 453.7 | 454.1 | 454.5 | 455.0 | 455.4 | 455.6 | 455.5 | 455.4 |
| 147.5° | 475.4 | 475.0 | 474.6 | 474.2 | 474.6 | 475.0 | 475.4 | 475.9 | 476.0 | 475.7 | 475.4 |
| 150° | 488.5 | 488.2 | 487.8 | 487.6 | 487.8 | 488.2 | 488.5 | 488.9 | 488.9 | 488.5 | 488.2 |
| 152.5° | 501.4 | 500.9 | 500.5 | 500.2 | 500.5 | 500.9 | 501.4 | 501.8 | 501.8 | 501.4 | 500.9 |
| 155° | 518.0 | 517.6 | 517.3 | 517.0 | 517.3 | 517.6 | 518.0 | 518.3 | 518.2 | 517.6 | 517.1 |
| 157.5° | 533.1 | 532.6 | 532.1 | 531.5 | 532.1 | 532.6 | 533.1 | 533.6 | 533.6 | 532.8 | 532.0 |
| 160° | 541.9 | 541.5 | 541.0 | 540.5 | 541.0 | 541.5 | 541.9 | 542.3 | 542.2 | 541.6 | 540.9 |
| 162.5° | 550.0 | 549.5 | 549.0 | 548.5 | 549.0 | 549.5 | 550.0 | 550.5 | 550.4 | 549.7 | 548.9 |
| 165° | 560.3 | 559.8 | 559.3 | 558.7 | 559.3 | 559.8 | 560.3 | 560.9 | 560.8 | 560.1 | 559.3 |
| 167.5° | 568.9 | 568.3 | 567.7 | 567.1 | 567.7 | 568.3 | 568.9 | 569.5 | 569.4 | 568.6 | 567.8 |
| 170° | 573.4 | 572.8 | 572.1 | 571.5 | 572.1 | 572.8 | 573.4 | 574.1 | 574.0 | 573.3 | 572.6 |
| 172.5° | 577.0 | 576.4 | 575.7 | 575.1 | 575.7 | 576.4 | 577.0 | 577.6 | 577.6 | 576.9 | 576.1 |
| 175° | 580.8 | 580.1 | 579.5 | 578.9 | 579.5 | 580.1 | 580.8 | 581.5 | 581.4 | 580.7 | 579.9 |
| 177.5° | 582.2 | 581.7 | 581.2 | 580.7 | 581.2 | 581.7 | 582.2 | 582.7 | 582.7 | 582.2 | 581.7 |
| 180° | 581.8 | 581.8 | 581.8 | 581.8 | 581.8 | 581.8 | 581.8 | 581.8 | 581.8 | 581.8 | 581.8 |



TEST NUMBER: P331340-935

CATALOG NUMBER: SA2XXDIP-C675D530U935-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1143.7 | 1143.7 | 1143.7 | 1143.7 | 1143.7 | 1143.7 | 1143.7 | 1143.7 | 1143.7 | 1143.7 | 1143.7 |
| 2.5° | 1099.0 | 1102.9 | 1108.8 | 1115.2 | 1119.0 | 1126.4 | 1128.5 | 1132.0 | 1135.2 | 1142.6 | 1150.3 |
| 5° | 1035.5 | 1041.6 | 1056.2 | 1064.1 | 1075.0 | 1087.8 | 1096.1 | 1105.0 | 1114.7 | 1131.4 | 1146.7 |
| 7.5° | 967.5 | 977.8 | 995.7 | 1010.6 | 1026.2 | 1044.5 | 1057.7 | 1075.0 | 1089.5 | 1113.0 | 1135.6 |
| 10° | 922.1 | 936.6 | 952.9 | 970.4 | 992.5 | 1011.8 | 1030.3 | 1052.2 | 1069.8 | 1097.9 | 1124.3 |
| 12.5° | 881.3 | 883.6 | 906.8 | 926.2 | 956.2 | 980.2 | 1001.4 | 1029.8 | 1047.0 | 1080.4 | 1108.1 |
| 15° | 810.0 | 823.2 | 844.3 | 859.7 | 895.4 | 925.7 | 955.5 | 985.0 | 1004.8 | 1046.0 | 1082.5 |
| 17.5° | 750.0 | 762.2 | 783.8 | 809.0 | 834.6 | 864.7 | 903.4 | 934.4 | 961.3 | 1008.6 | 1051.7 |
| 20° | 712.0 | 726.9 | 749.0 | 774.9 | 797.3 | 830.3 | 863.7 | 899.2 | 928.2 | 981.5 | 1032.0 |
| 22.5° | 679.7 | 691.5 | 709.2 | 734.8 | 759.3 | 789.5 | 826.0 | 864.8 | 895.3 | 952.6 | 1003.8 |
| 25° | 634.2 | 643.9 | 655.3 | 676.4 | 704.1 | 737.1 | 765.7 | 808.3 | 852.6 | 906.3 | 968.3 |
| 27.5° | 593.2 | 600.1 | 610.3 | 628.8 | 650.2 | 681.1 | 712.8 | 753.3 | 797.9 | 856.1 | 921.5 |
| 30° | 568.3 | 572.7 | 582.8 | 598.2 | 619.3 | 643.4 | 675.5 | 714.2 | 759.9 | 818.8 | 883.9 |
| 32.5° | 546.5 | 550.5 | 557.2 | 571.8 | 590.1 | 610.8 | 639.7 | 678.4 | 721.9 | 779.8 | 851.9 |
| 35° | 513.8 | 516.9 | 522.6 | 534.4 | 544.6 | 564.8 | 588.9 | 624.1 | 665.0 | 720.4 | 795.1 |
| 37.5° | 481.2 | 485.4 | 489.0 | 494.0 | 507.0 | 520.2 | 541.2 | 570.9 | 611.1 | 666.9 | 738.1 |
| 40° | 459.8 | 463.2 | 468.6 | 470.7 | 481.3 | 493.2 | 510.3 | 537.5 | 578.0 | 629.0 | 698.4 |
| 42.5° | 437.9 | 441.4 | 444.6 | 447.2 | 456.3 | 466.7 | 482.2 | 505.6 | 541.4 | 591.0 | 659.7 |
| 45° | 408.3 | 408.7 | 411.8 | 416.6 | 421.0 | 428.5 | 439.5 | 459.8 | 487.4 | 534.0 | 596.4 |
| 47.5° | 378.2 | 378.8 | 379.3 | 381.4 | 386.2 | 393.0 | 400.3 | 416.7 | 441.5 | 478.7 | 539.5 |
| 50° | 358.2 | 357.3 | 358.2 | 360.0 | 363.1 | 368.8 | 377.1 | 389.0 | 409.2 | 443.9 | 499.7 |
| 52.5° | 338.9 | 338.7 | 338.2 | 338.9 | 341.2 | 345.2 | 351.1 | 361.2 | 379.3 | 411.2 | 460.4 |
| 55° | 309.4 | 307.2 | 307.6 | 305.9 | 309.9 | 310.7 | 315.1 | 323.5 | 339.3 | 361.3 | 407.4 |
| 57.5° | 278.0 | 276.2 | 274.2 | 273.7 | 273.4 | 275.8 | 279.3 | 285.9 | 298.0 | 317.3 | 354.7 |
| 60° | 258.0 | 255.8 | 253.1 | 252.3 | 252.3 | 253.6 | 255.4 | 260.2 | 271.6 | 288.8 | 319.5 |
| 62.5° | 237.6 | 235.1 | 233.5 | 231.2 | 230.5 | 231.8 | 233.6 | 237.0 | 245.2 | 261.3 | 287.9 |
| 65° | 206.1 | 203.0 | 200.9 | 200.4 | 199.6 | 198.2 | 199.1 | 202.6 | 209.2 | 222.0 | 243.1 |
| 67.5° | 174.6 | 171.7 | 171.2 | 168.6 | 167.4 | 167.6 | 167.4 | 170.4 | 174.4 | 185.3 | 201.0 |
| 70° | 153.9 | 151.6 | 150.8 | 148.5 | 147.7 | 146.8 | 145.9 | 148.5 | 152.5 | 161.8 | 175.4 |
| 72.5° | 132.8 | 130.9 | 129.0 | 127.1 | 127.3 | 126.4 | 126.2 | 127.8 | 131.0 | 139.6 | 150.1 |
| 75° | 102.4 | 102.9 | 100.7 | 98.4 | 98.0 | 97.1 | 97.1 | 98.4 | 99.8 | 106.3 | 114.7 |
| 77.5° | 74.3 | 74.0 | 72.1 | 71.4 | 70.9 | 70.0 | 70.9 | 71.8 | 72.5 | 76.9 | 83.1 |
| 80° | 56.7 | 56.7 | 54.5 | 54.5 | 54.1 | 52.8 | 54.1 | 53.2 | 54.9 | 59.3 | 63.7 |
| 82.5° | 40.6 | 39.8 | 39.7 | 39.0 | 38.9 | 38.0 | 38.6 | 39.4 | 40.2 | 43.1 | 45.8 |
| 85° | 19.8 | 19.8 | 19.4 | 18.9 | 19.4 | 18.9 | 19.4 | 19.8 | 20.2 | 21.5 | 23.8 |
| 87.5° | 7.6 | 8.0 | 7.9 | 7.7 | 7.2 | 7.1 | 7.1 | 7.2 | 7.7 | 7.7 | 7.8 |
| 90° | 17.0 | 17.2 | 14.8 | 12.4 | 10.0 | 7.6 | 5.8 | 4.4 | 3.1 | 1.8 | 0.5 |
| 92.5° | 15.7 | 15.6 | 15.1 | 14.5 | 13.9 | 13.3 | 12.6 | 11.6 | 10.7 | 9.7 | 8.8 |
| 95° | 31.4 | 31.4 | 31.2 | 31.0 | 30.7 | 30.6 | 29.9 | 28.8 | 27.7 | 26.6 | 25.6 |
| 97.5° | 52.9 | 52.9 | 52.4 | 52.0 | 51.6 | 51.1 | 50.5 | 49.5 | 48.6 | 47.6 | 46.7 |
| 100° | 67.8 | 67.8 | 67.4 | 67.1 | 66.8 | 66.5 | 65.9 | 65.0 | 64.1 | 63.2 | 62.3 |
| 102.5° | 83.9 | 83.9 | 83.4 | 83.0 | 82.7 | 82.2 | 81.6 | 80.9 | 80.2 | 79.6 | 78.9 |
| 105° | 108.2 | 108.1 | 107.8 | 107.5 | 107.4 | 107.1 | 106.9 | 106.5 | 106.2 | 105.9 | 105.6 |
| 107.5° | 134.7 | 134.7 | 134.7 | 134.7 | 134.7 | 134.7 | 134.4 | 133.9 | 133.5 | 132.9 | 132.5 |
| 110° | 152.7 | 152.7 | 152.7 | 152.7 | 152.7 | 152.7 | 152.4 | 151.7 | 151.0 | 150.4 | 149.7 |



TEST NUMBER: P331340-935

CATALOG NUMBER: SA2XXDIP-C675D530U935-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 170.9 | 171.2 | 171.3 | 171.3 | 171.4 | 171.5 | 171.3 | 170.6 | 169.9 | 169.3 | 168.6 |
| 115° | 198.3 | 198.4 | 198.5 | 198.8 | 199.0 | 199.2 | 199.0 | 198.4 | 197.7 | 197.1 | 196.4 |
| 117.5° | 225.0 | 225.2 | 225.8 | 226.4 | 227.1 | 227.7 | 227.6 | 226.7 | 225.8 | 225.0 | 224.1 |
| 120° | 242.5 | 242.5 | 243.4 | 244.3 | 245.1 | 246.1 | 246.1 | 245.1 | 244.3 | 243.4 | 242.5 |
| 122.5° | 261.1 | 261.4 | 262.0 | 262.6 | 263.2 | 263.8 | 263.6 | 262.6 | 261.6 | 260.5 | 259.4 |
| 125° | 288.3 | 288.7 | 289.0 | 289.4 | 289.6 | 290.0 | 289.6 | 288.7 | 287.7 | 286.7 | 285.8 |
| 127.5° | 314.8 | 315.2 | 315.6 | 316.0 | 316.4 | 316.8 | 316.3 | 315.1 | 313.8 | 312.6 | 311.3 |
| 130° | 332.7 | 332.9 | 333.1 | 333.3 | 333.6 | 333.7 | 333.1 | 331.7 | 330.3 | 328.9 | 327.5 |
| 132.5° | 350.5 | 350.9 | 350.9 | 350.9 | 350.9 | 350.8 | 350.2 | 349.0 | 347.8 | 346.7 | 345.5 |
| 135° | 376.0 | 376.1 | 375.9 | 375.7 | 375.4 | 375.2 | 374.5 | 373.3 | 372.1 | 370.9 | 369.7 |
| 137.5° | 400.7 | 400.8 | 400.5 | 400.3 | 400.0 | 399.7 | 399.1 | 398.1 | 397.1 | 396.1 | 395.1 |
| 140° | 417.3 | 417.3 | 416.8 | 416.2 | 415.7 | 415.2 | 414.4 | 413.4 | 412.4 | 411.5 | 410.4 |
| 142.5° | 432.3 | 432.2 | 431.9 | 431.5 | 431.2 | 430.8 | 430.1 | 429.1 | 428.2 | 427.1 | 426.2 |
| 145° | 455.2 | 455.1 | 454.5 | 453.8 | 453.1 | 452.5 | 451.9 | 451.1 | 450.3 | 449.5 | 448.8 |
| 147.5° | 475.2 | 475.0 | 474.5 | 474.1 | 473.6 | 473.2 | 472.5 | 471.7 | 470.7 | 469.8 | 468.9 |
| 150° | 487.8 | 487.6 | 487.1 | 486.6 | 486.2 | 485.8 | 485.3 | 484.6 | 484.0 | 483.3 | 482.7 |
| 152.5° | 500.5 | 500.2 | 499.6 | 499.0 | 498.5 | 498.0 | 497.4 | 496.8 | 496.1 | 495.5 | 494.8 |
| 155° | 516.6 | 516.0 | 515.7 | 515.4 | 515.1 | 514.7 | 514.4 | 514.0 | 513.8 | 513.4 | 513.1 |
| 157.5° | 531.3 | 530.5 | 530.4 | 530.2 | 529.9 | 529.8 | 529.6 | 529.3 | 529.1 | 528.9 | 528.7 |
| 160° | 540.3 | 539.6 | 539.5 | 539.3 | 539.2 | 539.2 | 539.0 | 538.7 | 538.6 | 538.3 | 538.1 |
| 162.5° | 548.2 | 547.4 | 547.3 | 547.3 | 547.1 | 547.0 | 546.9 | 546.9 | 546.8 | 546.8 | 546.7 |
| 165° | 558.5 | 557.8 | 557.8 | 557.8 | 557.8 | 557.8 | 557.8 | 557.9 | 558.0 | 558.1 | 558.3 |
| 167.5° | 567.1 | 566.3 | 566.3 | 566.4 | 566.4 | 566.4 | 566.5 | 566.9 | 567.2 | 567.6 | 567.8 |
| 170° | 571.8 | 571.0 | 571.1 | 571.2 | 571.4 | 571.4 | 571.7 | 572.0 | 572.3 | 572.7 | 573.0 |
| 172.5° | 575.3 | 574.5 | 574.6 | 574.8 | 574.9 | 575.0 | 575.2 | 575.5 | 575.8 | 576.2 | 576.5 |
| 175° | 579.1 | 578.3 | 578.6 | 578.9 | 579.0 | 579.3 | 579.5 | 579.9 | 580.1 | 580.5 | 580.8 |
| 177.5° | 581.2 | 580.7 | 580.8 | 581.0 | 581.2 | 581.3 | 581.5 | 581.8 | 582.0 | 582.3 | 582.6 |
| 180° | 581.8 | 581.8 | 581.8 | 581.8 | 581.8 | 581.8 | 581.8 | 581.8 | 581.8 | 581.8 | 581.8 |



TEST NUMBER: P331340-935

CATALOG NUMBER: SA2XXDIP-C675D530U935-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1143.7 | 1143.7 | 1143.7 | 1143.7 | 1143.7 | 1143.7 | 1143.7 | 1143.7 | 1143.7 | 1143.7 | 1143.7 |
| 2.5° | 1149.6 | 1151.4 | 1157.0 | 1162.6 | 1169.0 | 1170.7 | 1173.5 | 1171.0 | 1170.4 | 1177.1 | 1182.0 |
| 5° | 1152.9 | 1160.8 | 1176.2 | 1190.2 | 1202.1 | 1210.5 | 1219.3 | 1222.8 | 1229.3 | 1238.5 | 1250.0 |
| 7.5° | 1149.2 | 1164.6 | 1188.8 | 1209.2 | 1231.6 | 1247.7 | 1260.2 | 1270.9 | 1283.9 | 1301.4 | 1320.5 |
| 10° | 1145.0 | 1165.6 | 1195.1 | 1220.1 | 1247.3 | 1268.0 | 1285.2 | 1301.8 | 1321.2 | 1345.4 | 1370.5 |
| 12.5° | 1137.2 | 1161.7 | 1198.6 | 1228.2 | 1263.2 | 1283.5 | 1306.7 | 1342.6 | 1363.4 | 1397.1 | 1432.4 |
| 15° | 1121.7 | 1148.9 | 1200.3 | 1236.8 | 1276.3 | 1315.1 | 1357.7 | 1392.0 | 1426.2 | 1446.0 | 1495.7 |
| 17.5° | 1098.5 | 1138.6 | 1195.5 | 1238.0 | 1288.3 | 1349.3 | 1397.1 | 1436.0 | 1475.6 | 1507.7 | 1532.6 |
| 20° | 1080.0 | 1123.4 | 1188.4 | 1239.5 | 1299.2 | 1364.7 | 1419.7 | 1459.2 | 1493.5 | 1520.4 | 1535.7 |
| 22.5° | 1056.4 | 1111.1 | 1174.4 | 1234.2 | 1310.5 | 1375.3 | 1433.0 | 1464.1 | 1492.8 | 1505.9 | 1511.8 |
| 25° | 1019.3 | 1085.2 | 1156.8 | 1229.8 | 1316.0 | 1384.5 | 1437.3 | 1456.1 | 1464.5 | 1451.7 | 1430.6 |
| 27.5° | 979.3 | 1052.7 | 1136.5 | 1221.5 | 1312.6 | 1378.5 | 1416.3 | 1413.3 | 1399.2 | 1358.0 | 1325.0 |
| 30° | 949.3 | 1030.3 | 1120.3 | 1213.1 | 1304.5 | 1368.6 | 1390.7 | 1368.6 | 1336.6 | 1290.5 | 1243.5 |
| 32.5° | 918.1 | 1001.8 | 1103.1 | 1201.1 | 1289.8 | 1346.2 | 1350.9 | 1313.1 | 1263.4 | 1211.0 | 1152.4 |
| 35° | 870.7 | 961.2 | 1070.7 | 1174.4 | 1258.4 | 1294.0 | 1272.9 | 1206.1 | 1147.2 | 1075.6 | 995.5 |
| 37.5° | 817.2 | 917.1 | 1026.9 | 1135.3 | 1211.3 | 1220.6 | 1168.3 | 1097.9 | 1014.9 | 930.7 | 836.5 |
| 40° | 777.1 | 883.0 | 996.0 | 1105.4 | 1172.7 | 1163.0 | 1096.1 | 1018.8 | 919.9 | 817.1 | 729.6 |
| 42.5° | 741.2 | 847.1 | 962.2 | 1069.5 | 1123.4 | 1096.9 | 1018.8 | 923.9 | 817.6 | 720.7 | 640.7 |
| 45° | 679.1 | 788.1 | 905.9 | 1009.6 | 1040.3 | 992.5 | 889.2 | 783.7 | 679.1 | 598.2 | 534.9 |
| 47.5° | 618.8 | 726.5 | 843.2 | 934.4 | 945.2 | 880.8 | 767.9 | 659.4 | 569.5 | 503.6 | 458.9 |
| 50° | 574.5 | 682.6 | 798.1 | 879.5 | 876.0 | 798.1 | 682.2 | 578.9 | 503.7 | 450.5 | 420.6 |
| 52.5° | 534.8 | 636.9 | 747.9 | 821.8 | 803.2 | 718.3 | 607.6 | 515.9 | 454.1 | 412.5 | 385.5 |
| 55° | 472.9 | 567.4 | 672.9 | 732.3 | 697.9 | 603.9 | 510.3 | 436.4 | 390.7 | 359.6 | 338.5 |
| 57.5° | 411.6 | 500.2 | 590.5 | 627.1 | 589.2 | 502.3 | 424.2 | 370.7 | 336.3 | 313.2 | 299.5 |
| 60° | 373.6 | 451.0 | 531.4 | 563.0 | 517.7 | 440.4 | 378.8 | 331.0 | 303.2 | 284.4 | 272.1 |
| 62.5° | 335.6 | 404.9 | 480.8 | 498.0 | 456.6 | 391.2 | 336.7 | 296.9 | 274.1 | 257.3 | 245.7 |
| 65° | 284.0 | 340.6 | 398.2 | 409.7 | 371.4 | 320.9 | 277.8 | 251.8 | 231.6 | 219.3 | 210.1 |
| 67.5° | 232.9 | 278.4 | 319.2 | 328.4 | 294.9 | 259.8 | 228.8 | 206.1 | 192.4 | 182.2 | 174.4 |
| 70° | 202.6 | 238.7 | 272.1 | 279.6 | 252.7 | 221.5 | 197.8 | 179.8 | 167.5 | 158.7 | 151.2 |
| 72.5° | 170.7 | 200.7 | 228.4 | 233.5 | 211.5 | 187.8 | 168.2 | 154.1 | 143.2 | 137.6 | 130.4 |
| 75° | 130.5 | 148.1 | 169.6 | 171.0 | 156.4 | 142.0 | 127.0 | 117.8 | 112.1 | 105.0 | 101.5 |
| 77.5° | 92.1 | 105.9 | 118.2 | 120.6 | 112.0 | 102.1 | 93.8 | 86.5 | 81.6 | 78.4 | 75.2 |
| 80° | 70.3 | 81.3 | 86.6 | 89.6 | 83.5 | 76.5 | 71.6 | 66.8 | 63.7 | 61.6 | 59.3 |
| 82.5° | 50.3 | 57.1 | 62.0 | 64.3 | 61.0 | 56.8 | 51.9 | 49.2 | 46.8 | 45.0 | 44.3 |
| 85° | 25.5 | 28.6 | 31.7 | 32.5 | 31.7 | 29.9 | 27.2 | 27.2 | 25.9 | 25.5 | 25.5 |
| 87.5° | 9.1 | 10.8 | 11.1 | 12.4 | 12.1 | 12.6 | 13.0 | 13.2 | 13.3 | 12.9 | 12.5 |
| 90° | 1.8 | 3.1 | 4.4 | 5.8 | 7.6 | 10.0 | 12.4 | 14.8 | 17.2 | 17.0 | 16.8 |
| 92.5° | 9.7 | 10.7 | 11.6 | 12.6 | 13.3 | 13.9 | 14.5 | 15.1 | 15.6 | 15.7 | 15.7 |
| 95° | 26.6 | 27.7 | 28.8 | 29.9 | 30.6 | 30.7 | 31.0 | 31.2 | 31.4 | 31.4 | 31.4 |
| 97.5° | 47.6 | 48.6 | 49.5 | 50.5 | 51.1 | 51.6 | 52.0 | 52.4 | 52.9 | 52.9 | 52.9 |
| 100° | 63.2 | 64.1 | 65.0 | 65.9 | 66.5 | 66.8 | 67.1 | 67.4 | 67.8 | 67.8 | 67.8 |
| 102.5° | 79.6 | 80.2 | 80.9 | 81.6 | 82.2 | 82.7 | 83.0 | 83.4 | 83.9 | 83.9 | 84.0 |
| 105° | 105.9 | 106.2 | 106.5 | 106.9 | 107.1 | 107.4 | 107.5 | 107.8 | 108.1 | 108.2 | 108.5 |
| 107.5° | 132.9 | 133.5 | 133.9 | 134.4 | 134.7 | 134.7 | 134.7 | 134.7 | 134.7 | 134.7 | 134.8 |
| 110° | 150.4 | 151.0 | 151.7 | 152.4 | 152.7 | 152.7 | 152.7 | 152.7 | 152.7 | 152.7 | 152.7 |



TEST NUMBER: P331340-935

CATALOG NUMBER: SA2XXDIP-C675D530U935-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 169.3 | 169.9 | 170.6 | 171.3 | 171.5 | 171.4 | 171.3 | 171.3 | 171.2 | 170.9 | 170.7 |
| 115° | 197.1 | 197.7 | 198.4 | 199.0 | 199.2 | 199.0 | 198.8 | 198.5 | 198.4 | 198.3 | 198.1 |
| 117.5° | 225.0 | 225.8 | 226.7 | 227.6 | 227.7 | 227.1 | 226.4 | 225.8 | 225.2 | 225.0 | 224.7 |
| 120° | 243.4 | 244.3 | 245.1 | 246.1 | 246.1 | 245.1 | 244.3 | 243.4 | 242.5 | 242.5 | 242.5 |
| 122.5° | 260.5 | 261.6 | 262.6 | 263.6 | 263.8 | 263.2 | 262.6 | 262.0 | 261.4 | 261.1 | 260.9 |
| 125° | 286.7 | 287.7 | 288.7 | 289.6 | 290.0 | 289.6 | 289.4 | 289.0 | 288.7 | 288.3 | 288.0 |
| 127.5° | 312.6 | 313.8 | 315.1 | 316.3 | 316.8 | 316.4 | 316.0 | 315.6 | 315.2 | 314.8 | 314.4 |
| 130° | 328.9 | 330.3 | 331.7 | 333.1 | 333.7 | 333.6 | 333.3 | 333.1 | 332.9 | 332.7 | 332.4 |
| 132.5° | 346.7 | 347.8 | 349.0 | 350.2 | 350.8 | 350.9 | 350.9 | 350.9 | 350.9 | 350.5 | 350.0 |
| 135° | 370.9 | 372.1 | 373.3 | 374.5 | 375.2 | 375.4 | 375.7 | 375.9 | 376.1 | 376.0 | 375.9 |
| 137.5° | 396.1 | 397.1 | 398.1 | 399.1 | 399.7 | 400.0 | 400.3 | 400.5 | 400.8 | 400.7 | 400.6 |
| 140° | 411.5 | 412.4 | 413.4 | 414.4 | 415.2 | 415.7 | 416.2 | 416.8 | 417.3 | 417.3 | 417.3 |
| 142.5° | 427.1 | 428.2 | 429.1 | 430.1 | 430.8 | 431.2 | 431.5 | 431.9 | 432.2 | 432.3 | 432.4 |
| 145° | 449.5 | 450.3 | 451.1 | 451.9 | 452.5 | 453.1 | 453.8 | 454.5 | 455.1 | 455.2 | 455.4 |
| 147.5° | 469.8 | 470.7 | 471.7 | 472.5 | 473.2 | 473.6 | 474.1 | 474.5 | 475.0 | 475.2 | 475.4 |
| 150° | 483.3 | 484.0 | 484.6 | 485.3 | 485.8 | 486.2 | 486.6 | 487.1 | 487.6 | 487.8 | 488.2 |
| 152.5° | 495.5 | 496.1 | 496.8 | 497.4 | 498.0 | 498.5 | 499.0 | 499.6 | 500.2 | 500.5 | 500.9 |
| 155° | 513.4 | 513.8 | 514.0 | 514.4 | 514.7 | 515.1 | 515.4 | 515.7 | 516.0 | 516.6 | 517.1 |
| 157.5° | 528.9 | 529.1 | 529.3 | 529.6 | 529.8 | 529.9 | 530.2 | 530.4 | 530.5 | 531.3 | 532.0 |
| 160° | 538.3 | 538.6 | 538.7 | 539.0 | 539.2 | 539.2 | 539.3 | 539.5 | 539.6 | 540.3 | 540.9 |
| 162.5° | 546.8 | 546.8 | 546.9 | 546.9 | 547.0 | 547.1 | 547.3 | 547.3 | 547.4 | 548.2 | 548.9 |
| 165° | 558.1 | 558.0 | 557.9 | 557.8 | 557.8 | 557.8 | 557.8 | 557.8 | 557.8 | 558.5 | 559.3 |
| 167.5° | 567.6 | 567.2 | 566.9 | 566.5 | 566.4 | 566.4 | 566.4 | 566.3 | 566.3 | 567.1 | 567.8 |
| 170° | 572.7 | 572.3 | 572.0 | 571.7 | 571.4 | 571.4 | 571.2 | 571.1 | 571.0 | 571.8 | 572.6 |
| 172.5° | 576.2 | 575.8 | 575.5 | 575.2 | 575.0 | 574.9 | 574.8 | 574.6 | 574.5 | 575.3 | 576.1 |
| 175° | 580.5 | 580.1 | 579.9 | 579.5 | 579.3 | 579.0 | 578.9 | 578.6 | 578.3 | 579.1 | 579.9 |
| 177.5° | 582.3 | 582.0 | 581.8 | 581.5 | 581.3 | 581.2 | 581.0 | 580.8 | 580.7 | 581.2 | 581.7 |
| 180° | 581.8 | 581.8 | 581.8 | 581.8 | 581.8 | 581.8 | 581.8 | 581.8 | 581.8 | 581.8 | 581.8 |



TEST NUMBER: P331340-935

CATALOG NUMBER: SA2XXDIP-C675D530U935-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1143.7 | 1143.7 | 1143.7 | 1143.7 | 1143.7 | 1143.7 | 1143.7 |
| 2.5° | 1186.2 | 1191.1 | 1191.1 | 1191.8 | 1197.5 | 1196.7 | 1196.4 |
| 5° | 1262.3 | 1269.8 | 1270.7 | 1278.6 | 1283.8 | 1282.1 | 1277.3 |
| 7.5° | 1334.1 | 1348.1 | 1358.6 | 1364.4 | 1371.4 | 1375.7 | 1373.8 |
| 10° | 1391.1 | 1411.4 | 1423.7 | 1432.0 | 1442.1 | 1449.6 | 1446.9 |
| 12.5° | 1442.8 | 1466.9 | 1483.8 | 1498.1 | 1499.4 | 1509.0 | 1502.4 |
| 15° | 1523.4 | 1548.9 | 1551.5 | 1562.1 | 1570.5 | 1569.5 | 1569.9 |
| 17.5° | 1550.1 | 1558.2 | 1559.9 | 1560.1 | 1560.2 | 1557.1 | 1550.5 |
| 20° | 1540.5 | 1537.5 | 1530.0 | 1524.3 | 1514.2 | 1512.9 | 1504.1 |
| 22.5° | 1495.6 | 1485.7 | 1467.1 | 1454.7 | 1438.9 | 1434.8 | 1432.4 |
| 25° | 1407.0 | 1385.3 | 1355.5 | 1326.9 | 1319.1 | 1303.6 | 1308.0 |
| 27.5° | 1285.4 | 1251.8 | 1219.4 | 1196.2 | 1175.2 | 1152.2 | 1158.7 |
| 30° | 1199.9 | 1162.1 | 1116.4 | 1081.2 | 1058.9 | 1036.8 | 1032.9 |
| 32.5° | 1097.9 | 1042.6 | 991.5 | 960.6 | 926.3 | 912.4 | 897.2 |
| 35° | 922.1 | 868.1 | 817.5 | 774.0 | 749.0 | 729.6 | 712.0 |
| 37.5° | 764.0 | 701.7 | 661.0 | 625.7 | 607.6 | 596.5 | 599.3 |
| 40° | 665.9 | 611.4 | 581.5 | 554.7 | 538.0 | 530.0 | 531.8 |
| 42.5° | 586.4 | 545.6 | 521.0 | 502.7 | 490.9 | 486.5 | 485.4 |
| 45° | 496.2 | 473.4 | 453.1 | 442.6 | 436.9 | 432.0 | 429.0 |
| 47.5° | 434.7 | 416.0 | 404.7 | 398.4 | 393.4 | 388.5 | 388.4 |
| 50° | 397.8 | 385.5 | 377.5 | 370.9 | 367.0 | 363.5 | 366.5 |
| 52.5° | 369.6 | 358.3 | 350.5 | 344.6 | 343.1 | 339.9 | 339.8 |
| 55° | 327.9 | 319.1 | 313.4 | 308.1 | 305.5 | 303.7 | 301.5 |
| 57.5° | 289.9 | 281.5 | 276.3 | 272.9 | 267.9 | 266.1 | 265.4 |
| 60° | 262.9 | 256.2 | 251.0 | 246.6 | 244.4 | 240.8 | 240.8 |
| 62.5° | 237.9 | 231.3 | 226.4 | 223.0 | 219.4 | 218.0 | 218.3 |
| 65° | 201.7 | 196.5 | 191.7 | 188.1 | 187.3 | 184.6 | 185.5 |
| 67.5° | 168.5 | 165.0 | 159.9 | 158.0 | 156.3 | 154.9 | 153.9 |
| 70° | 146.4 | 142.8 | 140.2 | 137.6 | 136.2 | 136.2 | 136.2 |
| 72.5° | 127.7 | 123.5 | 121.9 | 118.6 | 119.3 | 118.0 | 116.6 |
| 75° | 98.9 | 96.3 | 95.0 | 93.6 | 91.4 | 91.4 | 91.4 |
| 77.5° | 72.8 | 72.0 | 70.4 | 69.0 | 68.4 | 68.0 | 68.2 |
| 80° | 56.2 | 55.8 | 54.9 | 54.9 | 54.1 | 53.6 | 52.8 |
| 82.5° | 43.2 | 42.1 | 41.6 | 41.2 | 41.1 | 41.0 | 40.8 |
| 85° | 24.6 | 23.8 | 23.8 | 24.2 | 23.3 | 23.3 | 23.8 |
| 87.5° | 12.8 | 12.7 | 12.4 | 12.4 | 12.8 | 12.5 | 12.5 |
| 90° | 16.5 | 16.3 | 16.3 | 16.4 | 16.4 | 16.6 | 16.7 |
| 92.5° | 15.8 | 15.8 | 15.8 | 15.8 | 15.8 | 15.9 | 15.9 |
| 95° | 31.4 | 31.4 | 31.3 | 31.1 | 30.9 | 30.7 | 30.5 |
| 97.5° | 52.9 | 52.9 | 52.8 | 52.8 | 52.8 | 52.8 | 52.7 |
| 100° | 67.8 | 67.8 | 67.7 | 67.6 | 67.5 | 67.4 | 67.2 |
| 102.5° | 84.1 | 84.2 | 84.2 | 84.1 | 83.9 | 83.9 | 83.8 |
| 105° | 108.7 | 108.9 | 109.0 | 109.0 | 109.0 | 109.0 | 109.0 |
| 107.5° | 134.9 | 135.0 | 134.7 | 134.2 | 133.8 | 133.3 | 132.8 |
| 110° | 152.7 | 152.7 | 152.6 | 152.2 | 151.9 | 151.5 | 151.2 |



TEST NUMBER: P331340-935

CATALOG NUMBER: SA2XXDIP-C675D530U935-4F0-1E-UDD-A1

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 170.4 | 170.1 | 169.9 | 169.6 | 169.4 | 169.1 | 168.9 |
| 115° | 198.0 | 197.9 | 197.7 | 197.3 | 197.1 | 196.7 | 196.4 |
| 117.5° | 224.5 | 224.2 | 223.9 | 223.6 | 223.3 | 222.9 | 222.6 |
| 120° | 242.5 | 242.5 | 242.4 | 242.0 | 241.8 | 241.4 | 241.1 |
| 122.5° | 260.6 | 260.4 | 260.1 | 259.8 | 259.6 | 259.4 | 259.2 |
| 125° | 287.7 | 287.4 | 287.1 | 287.1 | 287.0 | 286.8 | 286.7 |
| 127.5° | 314.0 | 313.7 | 313.2 | 312.9 | 312.5 | 312.2 | 311.9 |
| 130° | 332.3 | 332.0 | 331.7 | 331.2 | 330.8 | 330.4 | 329.9 |
| 132.5° | 349.5 | 349.0 | 348.6 | 348.3 | 347.9 | 347.6 | 347.2 |
| 135° | 375.7 | 375.7 | 375.4 | 375.1 | 374.8 | 374.4 | 374.1 |
| 137.5° | 400.5 | 400.5 | 400.2 | 399.8 | 399.3 | 398.9 | 398.5 |
| 140° | 417.3 | 417.3 | 417.2 | 416.6 | 416.2 | 415.8 | 415.3 |
| 142.5° | 432.5 | 432.6 | 432.4 | 432.0 | 431.5 | 431.1 | 430.7 |
| 145° | 455.5 | 455.6 | 455.4 | 455.0 | 454.5 | 454.1 | 453.7 |
| 147.5° | 475.7 | 476.0 | 475.9 | 475.4 | 475.0 | 474.6 | 474.2 |
| 150° | 488.5 | 488.9 | 488.9 | 488.5 | 488.2 | 487.8 | 487.6 |
| 152.5° | 501.4 | 501.8 | 501.8 | 501.4 | 500.9 | 500.5 | 500.2 |
| 155° | 517.6 | 518.2 | 518.3 | 518.0 | 517.6 | 517.3 | 517.0 |
| 157.5° | 532.8 | 533.6 | 533.6 | 533.1 | 532.6 | 532.1 | 531.5 |
| 160° | 541.6 | 542.2 | 542.3 | 541.9 | 541.5 | 541.0 | 540.5 |
| 162.5° | 549.7 | 550.4 | 550.5 | 550.0 | 549.5 | 549.0 | 548.5 |
| 165° | 560.1 | 560.8 | 560.9 | 560.3 | 559.8 | 559.3 | 558.7 |
| 167.5° | 568.6 | 569.4 | 569.5 | 568.9 | 568.3 | 567.7 | 567.1 |
| 170° | 573.3 | 574.0 | 574.1 | 573.4 | 572.8 | 572.1 | 571.5 |
| 172.5° | 576.9 | 577.6 | 577.6 | 577.0 | 576.4 | 575.7 | 575.1 |
| 175° | 580.7 | 581.4 | 581.5 | 580.8 | 580.1 | 579.5 | 578.9 |
| 177.5° | 582.2 | 582.7 | 582.7 | 582.2 | 581.7 | 581.2 | 580.7 |
| 180° | 581.8 | 581.8 | 581.8 | 581.8 | 581.8 | 581.8 | 581.8 |

(END OF REPORT)